
TABLE X.

THE SPECIAL STATISTICS OF MANUFACTURES

IN

THE UNITED STATES,

SHOWING

KINDS, QUANTITIES, AND VALUES OF MATERIALS AND OF PRODUCTS, WITH THE
NUMBER AND KINDS OF MACHINES IN USE, FOR THE
FOLLOWING INDUSTRIES:

AGRICULTURAL IMPLEMENTS.
BAGGING: FLAX, HEMP, AND JUTE.
BOOTS AND SHOES.
BRICK AND TILE.
CARPETS, (OTHER THAN RAG.)
CHEESE.
COTTON GOODS.
FLOURING AND GRIST MILL PRODUCTS.
HOSIERY.
INDIA-RUBBER AND ELASTIC GOODS.
IRON, PIG.
BLOOMS.

IRON, FORGED.
ROLLED.
CAST.
LEAD, PIG.
LEATHER, TANNED.
CURRIED.
LUMBER, SAWED.
MACHINERY.
MUSICAL INSTRUMENTS.
NAILS AND TACKS.
OIL, ANIMAL, (NOT FISH-OIL.)
VEGETABLE.

PRINTS.
SALT.
SEWING-MACHINES.
SILK.
STEEL.
SUGAR, (CANE,) RAW.
(CANE,) REFINED.
TAR AND TURPENTINE.
TOBACCO: CHEWING, SMOKING, AND SNUFF.
CIGARS.
WOOLEN GOODS.
WORSTED GOODS.

BY STATES AND TERRITORIES,

AT THE CENSUS OF 1870,

AND FOR THE CENSUSES OF 1860 AND 1850, SO FAR AS THE STATEMENTS
CAN BE MADE COMPARATIVE.

REMARKS ON THE SPECIAL STATISTICS OF MANUFACTURES.

The following table is intended to exhibit *in extenso* certain of the manufacturing industries which appear in Tables VIII (B) and IX (B.) The statements made herein of the values of materials and of products, of the number of hands employed, and of the amount paid in wages, agree precisely with those contained in the previous table. The characteristic feature of the present table is the account given of the machinery employed in certain branches of manufacture, and of the kinds and quantities both of materials and of products in each. The scope of the table will be better shown by an illustration. Thus, Table IX (B) presents the Worsted manufacture of Massachusetts as follows: Number of establishments, 35; number of steam-engines, 19, horse-power, 730; number of water-wheels, 25, horse-power, 2,579. Total number of hands, 5,275; males above 16, 1,626; females above 15, 3,199; youth, 450. Capital, \$2,839,500; wages, \$1,678,462; materials, \$5,663,048; products, \$8,280,541.

The present table makes the following exhibit of this industry:

NUMBER OF ESTABLISHMENTS, 35.

MACHINERY.—Number of steam-engines, 19, horse-power, 730; of water-wheels, 25, horse-power, 2,579; of braiders, 1,980; of domestic combing-machines, 64, foreign, 54; of knitting-machines, 14; of looms, 3,341; of spindles, 96,826.

HANDS EMPLOYED.—Total number, 5,275; males above 16, 1,626; females above 15, 3,199; youth, 450.

CAPITAL.—\$2,839,500.

WAGES.—\$1,678,462.

MATERIALS.—Value of chemicals, \$541,465. Pounds of cotton, 876,868; of wool, domestic, 6,163,816; of wool, foreign, 2,175,234; of yarn, cotton, 1,116,000; of yarn, woolen, 6,240; of yarn, worsted, 505,200. Total value of all materials, \$5,663,048.

PRODUCTS.—Pounds of braids and lacings, 584,240; yards of delaines, 26,169,385; value of fancy goods, \$894,757; yards of balmoral skirts, 86,880; yards of worsted dress goods, 2,983,206; pounds of worsted yarn, 1,935,686. Value of all products, \$8,280,541.

The value of the additional information thus presented does not need to be enforced by remark. It is only necessary to say that the statement of kinds and quantities is of special importance at the present time, by reason of the general disturbance of values and the depreciation of the national currency. In order that comparison may be justly made with preceding or succeeding censuses of industry, statements of the kinds and quantities of articles produced are, and will be, absolutely essential.

Several industries which would naturally be looked for in these "Special" Tables of Manufactures will not be found herein. Among these are, notably, cars, cordage, fire-arms, gas, distilled and other liquors, paints, and paper. The reason for their non-appearance in this table is found in the fact that the Manufacturing Schedule of the census is poorly adapted to obtain the statement of kinds and quantities. For a discussion of this latter point reference is made to pp. xxxv and xxxvi of the Population Volume, and to p. 384 of the present volume.

TABLE X.—AGRICULTURAL IMPLEMENTS—1870-1860-1850.

STATES AND TERRITORIES.		ESTABLISHMENTS.			STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.									
		1870	1860	1850	1870				1870				1860			1850		
		Number.	Number.	Number.	Horse- power.	Number.	Horse- power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	All.	Males.	Females.
The United States		2,076	1,982	1,333	15,873	676	10,209	426	23,249	24,634	12	603	14,814	14,810	4	7,220	7,211	9
1	Alabama	3	18	2					9	9			84	84		23	23	
2	Arkansas	1	7	4	15	1			16	16			10	10		14	13	1
3	California	10	5		48	3			68	68			12	12				
4	Connecticut	38	47	35	126	4	1,278	50	593	591	2		498	497	1	297	296	1
5	Delaware	10	17	4	58	5	23	2	56	52		4	116	116		20	20	
6	District of Columbia			2												3	3	
7	Florida		3										15	15				
8	Georgia	10	17	26	70	3	130	5	59	54		5	37	37		205	201	4
9	Illinois	294	201	84	2,575	91	620	14	3,935	3,911	1	23	1,790	1,790		646	646	
10	Indiana	124	103	58	860	33	165	6	1,268	1,257		11	709	709		210	210	
11	Iowa	55	44	5	457	27	20	1	552	546		6	208	208		15	15	
12	Kansas	3	1		12	1			29	29			3	3				
13	Kentucky	44	65	45	270	10			624	507		57	462	462		217	217	
14	Louisiana	1	13	11	5				15	15			28	28		29	29	
15	Maine	32	46	40	31	2	505	24	219	217	1	1	189	189		325	325	
16	Maryland	34	35	76	189	14	10	2	295	295		1	368	368		333	332	1
17	Massachusetts	37	56	56	221	8	964	31	477	471	2	4	630	630		786	786	
18	Michigan	164	108	13	948	52	317	20	969	960		9	666	666		35	35	
19	Minnesota	27	12		126	9	50	2	167	166		1	42	42				
20	Mississippi	11	34	37	24	3			34	34			127	127		113	112	1
21	Missouri	38	43	8	325	14			537	497		40	221	221		39	39	
22	Montana	1							1	9								
23	Nebraska	2							1	9								
24	New Hampshire	24	29	28	26	2	458	24	184	181		3	96	96		147	147	
25	New Jersey	30	33	24	139	8	208	6	366	366			260	260		80	80	
26	New York	337	333	135	2,520	106	2,722	116	4,953	4,678	1	274	2,905	2,904	1	923	923	
27	North Carolina	20	22	15	31	5	16	1	78	78			100	100		52	52	
28	Ohio	219	182	161	3,581	110	253	15	5,124	5,026		98	2,239	2,239		765	765	
29	Oregon	4	5		8	1	21	1	10	9		1	7	7				
30	Pennsylvania	296	260	222	2,041	104	581	43	2,286	2,243		38	1,465	1,465		947	947	
31	Rhode Island	5	3		15	1	154	4	81	81			10	10		70	70	
32	South Carolina			13									30	30		53	53	
33	Tennessee	25	15	53	102	10	6	2	110	109		1	110	109	1	143	143	
34	Texas	12	46						44	44			138	138				
35	Vermont	45	32	35	162	4	1,251	45	372	367	2	3	155	155		178	178	
36	Virginia	37	53	98	157	9	323	5	267	267			418	417	1	374	374	
37	West Virginia	11			53	5	15	1	55	55								
38	Wisconsin	82	81	31	669	31	89	6	1,387	1,360	3	24	666	666		178	177	1

TABLE X.—AGRICULTURAL IMPLEMENTS—1870-1860-1850—Continued.

STATES AND TERRITORIES.	PRODUCTS.															
	1870															
	Cane-mills.	Clover-hullers.	Corn-planters.	Corn-shellers.	Cotton-plant-ers.	Cultivators.	Fanning-mills.	Grain-cradles.	Grain-drills.	Hand-rakes.	Harrowes.	Harvesters.	Hay and straw cutters.	Hay-forks.	Hoes.	Horse-powers.
The United States	No. 108	No. 5,206	No. 21,709	No. 12,941	No. 2,000	No. 88,740	No. 19,772	No. 103,046	No. 32,033	Dozens. 207,310	No. 9,150	No. 3,566	No. 30,879	No. 1,293,260	Dozens. 135,139	No. 4,541
1 Alabama											145					
2 Arkansas																
3 California						95					251			500		
4 Connecticut						230		300		7,167	50		5,380	86,000	30,350	4,780
5 Delaware						18			50							9
6 District of Columbia																36
7 Florida																
8 Georgia					2,000		33				50					
9 Illinois			15,244	1,262		42,945	1,626		4,750		1,890	2,860	3,634	66,000		654
10 Indiana				196		1,030	1,076	39,324	5,931	3,888	1,088		1,898	147,600	9,400	97
11 Iowa						2,700	3,027			300			300			25
12 Kansas											95					
13 Kentucky	100			50		50	50	57			92		475		12	100
14 Louisiana																
15 Maine						1,437		2,040		4,200	8			8,400	2,000	1,520
16 Maryland		40	100	1,290		625	200	2,400	505	371	475			30	50	61
17 Massachusetts			1,000	1,700		2,200		2,400		13,530	800	700	8,050	102,600	40,000	73
18 Michigan				1,150		13,636	2,410	16,536	249	140,100	650		162	96,000	7,000	706
19 Minnesota						1,940					30					10,932
20 Mississippi																38
21 Missouri			3,500			100	680		100		30					
22 Montana							8									
23 Nebraska																
24 New Hampshire				100		493				6,710	140					6
25 New Jersey				63		1,412		110		54	75		1,750	300		102
26 New York		208	100	664		11,402	4,481	34,539	2,068	19,447	904	0	1,766	308,823	27,000	1,505
27 North Carolina	8			158									93			21
28 Ohio			1,100	1,026		5,683	1,425	2,428	11,793	8,450	6		4,100	144,000	2,085	380
29 Oregon							10									30,004
30 Pennsylvania		4,958	665	4,547		821	1,660	4,972	1,881	1,801	25		271	203,807	11,000	573
31 Rhode Island						300				200	100					5,270
32 South Carolina																60
33 Tennessee				85				266								
34 Texas						25					200					
35 Vermont						415				6,292				134,000	6,200	173
36 Virginia				250		300	105	100	885		1,595		3,000		42	1,383
37 West Virginia				400		2,097	50	840			1					225
38 Wisconsin						571	725		3,230	100	60					172

TABLE X.—AGRICULTURAL IMPLEMENTS—1870-1860-1850.

CAPITAL			WAGES.			MATERIALS.		
1870	1860	1850	1870	1860	1850	1870	1860	1850
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
34,834,600	11,477,230	3,564,202	12,151,504	5,070,674	2,167,608	21,473,925	5,025,100	2,445,765
3,800	68,620	8,000	1,975	28,692	5,544	1,840	31,057	12,000
12,500	1,975	10,200	1,340	3,096	4,320	5,050	1,973	3,460
79,450	6,100		43,725	10,620		43,370	9,250	
1,061,100	346,500	233,400	328,718	190,380	86,340	458,840	186,955	100,140
57,800	70,000	9,000	18,850	41,112	6,504	13,804	34,560	5,662
		4,500			960			1,800
	13,500			6,240				5,700
30,550	19,715	112,835	12,436	11,124	57,984	23,004	5,584	65,323
5,350,978	1,968,995	254,515	1,813,835	673,388	210,060	3,598,897	640,637	200,530
1,032,769	462,049	66,950	484,520	263,200	52,776	951,714	241,312	38,826
543,040	126,232		182,138	74,364	4,044	401,372	71,118	6,338
30,750	2,000		8,951	1,440		10,163	1,000	
633,025	331,095	88,200	287,500	173,464	61,200	673,176	148,752	49,352
5,000	31,500	14,685	5,000	10,620	9,240	5,000	7,650	3,918
241,250	132,350	227,300	72,742	62,472	98,426	86,440	90,604	110,356
281,300	329,000	100,150	117,311	99,673	89,232	270,257	120,761	103,552
490,400	365,250	542,100	243,112	188,509	289,284	487,460	374,549	390,300
1,254,759	689,272	13,450	362,844	199,164	11,940	714,933	263,121	8,698
190,712	19,650		73,520	14,364		92,656	11,870	
21,150	105,500		8,050	45,252	25,608	22,586	32,923	22,328
791,435	170,550	15,550	403,847	58,476	10,022	699,376	127,471	8,932
500			100			440		
3,800			3,210			10,370		
174,550	46,100	77,500	78,505	29,868	45,900	77,714	30,877	43,370
517,250	202,850	33,730	161,687	74,593	22,644	202,361	114,300	27,312
7,834,656	2,364,846	448,500	2,513,317	920,201	311,424	4,594,316	1,237,051	500,448
34,520	76,250	14,010	10,914	26,016	11,256	34,348	26,002	10,285
7,570,320	1,633,825	267,595	2,841,518	800,260	210,048	5,240,550	793,845	166,318
15,700	5,600		3,800	4,620		7,075	3,009	
3,887,949	1,004,520	457,294	1,025,618	499,002	270,870	1,278,895	519,561	334,152
252,500	13,200	95,000	37,450	3,374	24,150	42,606	6,338	30,092
	15,800	9,815		6,420	10,808		4,957	5,717
	64,650	46,632	36,717	43,740	37,884	49,782	42,935	25,240
	12,539	61,035	13,370	42,756		18,165	35,110	
618,150	118,403	99,550	138,327	60,144	43,752	212,964	61,207	51,813
187,128	205,700	130,077	102,686	132,276	79,830	153,694	110,609	66,586
57,050			24,253			19,640		
1,494,700	403,720	91,075	663,392	236,689	63,396	966,739	218,452	51,978

TABLE X.—AGRICULTURAL IMPLEMENTS—1870-1860-1850—Continued.

PRODUCTS.																1860	1850
1870																	
Mowers.	Plows.	Reapers.	Reapers and mowers combined.	Rollers and scrapers.	Seed-sowers.	Scythes.	Scythe-smiths.	Separators.	Shovels.*	Sickles.	Stump-pullers.	Thrashers.	Other products.	All products.	All products.	All products.	
No. 39,486	No. 864,947	No. 60,388	No. 59,645	No. 4,803	No. 6,900	No. 881,244	No. 17,680	No. 1,131	Dozens. 25,756	Dozens. 300	No. 124	No. 22,931	Dollars. 5,206,789	Dollars. 52,066,875	Dollars. 17,487,960	Dollars. 6,842,611	
	200												7,500	10,050	75,636	34,500	
50	867	175											12,000	8,350			
4,025	18,091					342,000							49,450	118,540	23,375		
	1,278	54										14	138,239	1,183,947	611,934	258,047	
													13,430	41,325	104,181	15,175	
																6,550	
															19,700		
170	1,190	1,381	11,500	1,405				175				6	6,500	77,450	27,300	228,837	
4	236,783	25	1,400	762		72,000		240				647	449,641	8,880,390	2,379,362	761,970	
	62,700											206	158,245	2,128,794	865,436	146,025	
	25,314	8											215,750	829,965	233,248	17,900	
	1,235												8,714	31,252	3,670		
350	147,189							55				154	78,630	1,384,917	619,355	164,615	
	1,000												14,000	27,300	27,300	25,610	
23	32,229			80		44,400	780		11,000			135	68,115	231,991	210,404	239,767	
164	10,608											81	181,820	549,025	340,430	257,656	
2,050	14,630				750	40,200			6				103,601	1,033,590	842,989	840,141	
20	23,794			694								806	407,658	1,569,596	684,913	30,000	
	5,980											1	42,223	267,841	45,150		
	10,450												4,575	51,800	111,813	109,260	
	52,490	34,200	5									8,021	96,970	1,588,108	320,236	37,550	
													1,000				
	425													17,000			
1,025	1,760				5,300	86,400							12,545	254,470	86,414	119,096	
1,473	12,700											299	122,578	633,875	310,469	72,636	
19,005	28,809	12,885	21,027	997	850	186,300		101				4,101	870,004	11,847,037	3,454,082	1,266,276	
	12,650											50	17,125	82,110	86,155	32,930	
4,691	61,941	7,485	24,518					25				5,610	1,036,315	11,907,366	2,820,626	557,922	
	135											2	8,300	19,950	12,330		
6,094	52,096	1,833	1,135				3,900	15	14,500	300	124	2,067	777,339	3,652,295	1,582,071	853,513	
	600						25,544					24	12,040	92,464	15,845	72,000	
															15,375	29,939	
	16,064												22,605	132,772	117,260	97,970	
	2,120												6,295	42,420	100,200		
202	2,030					5,400	13,000	20				183	120,658	523,069	167,347	133,355	
	21,545											384	56,485	403,457	429,824	213,006	
50	2,200								250			41	8,100	58,281			
	6,734	1,540		865				500				99	76,530	2,393,428	735,198	187,335	

* See table for shovels and spades on next page.

TABLE X.—SHOVELS AND SPADES MADE IN ESTABLISHMENTS NOT PRODUCING OTHER AGRICULTURAL IMPLEMENTS—1870.

STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.							
		Horse-power.	Number.	Horse-power.	Number.	ALL	Males above 16.	Females above 15.	Youth.				Dollars.	Dollars.	Dollars.	Shovels.		Spades.		All products.
																Dozens.	Dollars.	Dozens.	Dollars.		Dollars.
The United States.	13	614	11	540	21	849	837	2	10	757,100	489,100	1,424,944	Dozens. 190,910	Dollars. 2,150,666	Dozens. 29,986	Dollars. 294,860	Dollars. 2,443,526			
Massachusetts	5	470	6	390	18	654	647	2	5	371,100	376,000	1,080,144	134,226	1,585,666	23,986	234,860	1,820,526			
New York	1	5	1	.....	.....	9	9	.....	.....	10,000	5,000	20,000	4,167	40,000	.....	.....	40,000			
Pennsylvania	7	139	4	150	3	186	181	.....	5	376,000	108,100	324,800	52,517	525,000	7,000	60,000	525,000			

TABLE X.—BAGGING: FLAX, HEMP, AND JUTE—1870.

STATES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		MACHINES.				HANDS EMPLOYED.			
		Horse-power.	Number.	Horse-power.	Number.	Looms.	Spindles.	Cards.	Hackles.	All.	Males above 16.	Females above 15.	Youth.
The United States.....	33	785	15	535	11	Number. 406	Number. 5,103	Number. 63	Number. 289	3,170	1,718	863	589
Illinois.....	2	.....	.....	175	4	14	356	.....	.....	113	37	34	42
Kentucky.....	11	130	2	.....	.....	117	346	.....	289	1,228	993	102	133
Massachusetts.....	2	140	.....	.....	.....	29	1,720	26	.....	234	213	6	15
Missouri.....	2	145	.....	.....	.....	62	95	.....	.....	333	103	116	114
New Jersey.....	4	75	.....	170	2	70	1,690	5	.....	484	100	292	92
New York.....	4	90	.....	70	2	42	202	8	.....	209	45	84	80
Ohio.....	7	185	4	120	3	46	694	14	.....	497	211	189	97
Pennsylvania.....	1	20	1	.....	.....	26	.....	10	.....	72	16	40	16

TABLE X.—BAGGING: FLAX, HEMP, AND JUTE—1870—Continued.

STATES.	CAPITAL. Dollars.	WAGES. Dollars.	MATERIALS.						
			American hemp. Tons.	Tow. Tons.	Jute. Tons.	Jute yarn. Tons.	Flax. Tons.	Other materials. Dollars.	All materials. Dollars.
The United States.....	3,158,101	958,106	Tons. 7,063	Tons. 3,058	Tons. 5,691	Tons. 112	Tons. 4,672	Dollars. 169,413	Dollars. 2,624,682
Illinois.....	125,000	38,000	.....	.....	.....	.....	1,725	.....	136,000
Kentucky.....	756,000	301,240	6,292	.....	105	.....	357	.....	1,077,300
Massachusetts.....	225,000	53,000	.....	.....	1,130	.....	.....	2,400	106,000
Missouri.....	1,207,000	235,000	768	.....	.....	.....	2,500	18,600	423,100
New Jersey.....	363,600	135,721	.....	.....	3,688	.....	.....	24,960	414,120
New York.....	100,000	35,640	.....	.....	768	.....	.....	41,500	131,000
Ohio.....	348,501	137,545	.....	3,058	.....	.....	.....	19,553	289,053
Pennsylvania.....	40,000	22,000	.....	.....	.....	112	.....	2,400	47,200

TABLE X.—BAGGING: FLAX, HEMP, AND JUTE—1870—Continued.

STATES.	PRODUCTS.					
	Bagging. Yards.	Gunny-cloth. Yards.	Cloth. Pounds.	Yarn. Pounds.	Other products. Dollars.	All products. Dollars.
The United States.....	12,287,322	1,215,000	942,864	767,296	473,260	4,507,664
Illinois.....	560,000	.....	.....	.....	.....	290,000
Kentucky.....	4,950,200	.....	.....	.....	.....	1,752,120
Massachusetts.....	50,000	1,000,000	.....	.....	473,260	210,000
Missouri.....	2,428,000	.....	.....	.....	.....	750,000
New Jersey.....	1,000,000	180,000	942,864	767,296	.....	621,245
New York.....	800,000	35,000	.....	.....	.....	215,500
Ohio.....	2,029,722					563,799
Pennsylvania.....	350,000					105,000

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—BOOTS AND SHOES—1870.

STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		MACHINES.		HANDS EMPLOYED.				CAPITAL.	WAGES.
		Horse-power.	Number.	Horse-power.	Number.	Sewing.	Pegging.	All.	Males above 16.	Females above 15.	Youth.	Dollars.	Dollars.
The United States..	3,151	2,892	266	163	24	12,394	901	91,702	70,688	18,208	2,806	37,519,019	42,504,444
Alabama.....	6					6		38	38			55,800	17,840
Arkansas.....	2					3		12	11			4,000	9,000
California.....	46					148	2	908	838	107	23	346,249	500,812
Colorado.....	1					1		3	3			500	3,200
Connecticut.....	38	19	2	30	1	193	7	1,918	1,207	589	62	475,760	543,631
Delaware.....	6	15	2			57	4	224	146	70	8	65,500	110,932
District of Columbia.....	5							34	32	2		6,000	20,920
Georgia.....	11					12	4	97	88	3	6	43,400	40,945
Illinois.....	88					137	4	1,274	1,197	50	27	1,527,448	600,600
Indiana.....	88					100	7	689	604	17	8	327,275	289,892
Iowa.....	53					59	3	323	318	5		126,000	134,148
Kansas.....	11					9		73	73			31,400	45,240
Kentucky.....	45					24	1	400	350	39	5	237,350	185,652
Louisiana.....	8					20	3	135	132	3		54,500	52,400
Maine.....	85	38	6	19	3	325	14	2,105	1,544	539	22	677,300	771,066
Maryland.....	68	7	2			257		1,631	1,379	335	17	464,369	676,701
Massachusetts.....	1,123	2,261	209	94	18	7,042	636	51,167	39,365	10,773	1,029	19,148,645	24,955,827
Michigan.....	81	10	1			105		830	757	68	5	578,172	372,844
Minnesota.....	20					32		212	203	4		97,400	103,990
Mississippi.....	6					2		35	35			16,100	14,600
Missouri.....	182					284		960	856	23	81	505,200	562,533
Montana.....	5					3		15	15			6,700	12,500
Nebraska.....	7					8		43	43			36,000	34,220
Nevada.....	4					3	1	9	9			6,900	7,300
New Hampshire.....	78	97	7			279	24	2,777	2,329	513	35	919,435	1,177,067
New Jersey.....	67	20	2			285	2	1,900	1,504	343	53	777,900	1,025,074
New York.....	341	298	18	20	2	1,135	150	11,409	8,287	2,057	1,065	4,872,966	4,978,441
North Carolina.....	6					21	4	94	74	8	12	80,500	20,500
Ohio.....	164	48	4			331	3	2,026	1,686	305	35	790,025	940,084
Oregon.....	2					4		10	10			11,700	6,500
Pennsylvania.....	335	59	11			1,287	15	8,330	5,801	2,231	298	4,240,523	3,513,182
Rhode Island.....	16	10	1			33	0	306	269	45	1	70,000	114,475
South Carolina.....	2					1		8	8			3,000	2,500
Tennessee.....	23					31	3	165	152	10	3	76,900	86,108
Texas.....	5					1		21	21			23,800	12,076
Utah.....	2					2		17	17			3,000	5,250
Vermont.....	20	10	1			34	5	331	280	44	7	141,584	137,050
Virginia.....	8					5		61	57	3	1	8,400	20,700
Washington.....	2					2		10	10			8,000	4,400
West Virginia.....	3					7		20	20			12,600	10,000
Wisconsin.....	78					105		927	903	21	3	637,047	343,754
Wyoming.....	1					1		5	5			3,000	4,000

TABLE X.—BOOTS AND SHOES—1870—Continued.

STATES AND TERRITORIES.	MATERIALS.					PRODUCTS.					
	Sole leather.	Upper leather.	Other leather.	All other materials.	All materials.	Boots.	Value of boots.	Shoes.	Value of shoes.	Value of unspecified products.*	All products.
	Sides.	Sides.	Pounds.	Dollars.	Dollars.	Pairs.	Dollars.	Pairs.	Dollars.	Dollars.	Dollars.
The United States..	4,932,403	7,614,712	13,785,443	11,385,900	80,503,713	14,318,529	50,231,470	66,308,715	93,846,205	2,611,179	146,744,7
Alabama.....	1,121	1,627	2,825	1,355	17,625	1,405	17,560	5,260	16,928	8,250	42,888
Arkansas.....	115	225	225	350	4,400	1,250	14,850	600	2,400	2,250	19,500
California.....	50,042	35,009	122,088	219,341	745,055	104,441	619,922	576,549	901,311	17,120	1,538,353
Colorado.....	250	100	200	250	2,250	30	3,030	625	2,575	1,925	7,500
Connecticut.....	49,110	51,145	30,637	213,110	900,646	100,080	680,581	806,810	1,258,871	200	1,939,652
Delaware.....	11,330		1,930	126,192	200,354	834	8,440	152,648	373,940	1,040	362,420
District of Columbia.....	908	1,169	7,850	1,610	21,075	2,912	31,168	3,725	24,130	1,650	56,948
Georgia.....	9,298	11,373	1,900	4,571	78,172	2,778	24,624	62,080	127,940	6,890	159,454
Illinois.....	58,268	144,171	57,209	138,983	1,151,215	365,563	1,701,164	186,128	442,344	154,628	2,294,136
Indiana.....	24,903	35,688	65,367	61,704	445,080	126,202	768,027	75,485	177,051	56,714	1,001,792
Iowa.....	8,887	15,160	30,331	25,236	188,919	45,201	322,456	18,449	63,662	37,465	423,283
Kansas.....	2,236	3,569	3,675	4,405	48,235	11,089	87,980	3,780	15,608	11,040	114,628
Kentucky.....	10,781	17,403	41,101	36,568	193,044	47,053	343,633	57,473	186,077	10,472	540,182
Louisiana.....	5,384	10,556	4,400	2,158	62,803	3,300	35,300	59,100	98,000	3,000	136,300
Maine.....	148,355	130,120	442,066	340,981	1,949,989	154,754	611,812	1,934,405	2,532,935	10,474	3,155,221
Maryland.....	56,515	122,002	38,600	171,030	905,102	77,497	522,506	703,355	1,453,186	23,070	1,997,768
Massachusetts.....	3,151,070	5,490,191	8,065,275	6,618,441	50,509,201	12,120,910	29,164,594	45,443,049	56,840,464	560,387	86,565,445
Michigan.....	36,336	30,895	111,757	66,108	587,104	146,416	863,741	121,421	322,779	62,610	1,249,130
Minnesota.....	10,521	24,910	35,784	10,633	231,497	56,009	253,735	55,833	118,213	23,900	395,928
Mississippi.....	1,250	2,054	2,403	1,750	21,521	2,110	24,320	7,674	24,654	2,624	51,598
Missouri.....	46,457	132,303	75,197	46,453	1,102,118	158,000	1,567,033	148,466	600,865	195,803	2,363,701
Montana.....	378	680	200	2,500	11,210	1,745	28,350	60	650	6,450	35,450
Nebraska.....	1,233	3,228	2,050	6,018	34,550	5,738	63,974	3,691	19,188	21,538	104,700
Nevada.....	656	750	975	1,400	8,650	1,359	26,460	75	750	1,290	23,500
New Hampshire.....	185,305	311,604	272,333	267,796	2,815,788	63,859	210,100	3,256,771	4,567,420	2,500	4,760,020
New Jersey.....	67,371	96,520	531,322	202,110	1,334,590	125,050	850,304	945,932	1,896,553	89,460	2,830,322
New York.....	549,808	537,339	2,360,818	1,368,380	9,383,167	1,531,179	6,141,503	5,815,126	10,732,212	939,303	17,813,048
North Carolina.....	3,741	12,025	29,500	4,360	92,391	1,150	5,200	96,290	163,401		167,601
Ohio.....	74,588	39,368	267,306	364,443	1,294,925	185,238	1,194,966	665,561	1,562,353	109,484	2,868,803
Oregon.....	226	200	1,200	140	3,365	900	10,000	1,000	6,000	1,000	17,000
Pennsylvania.....	201,419	260,736	902,302	934,341	4,734,130	481,987	2,412,394	4,552,274	8,438,086	151,207	11,002,587
Rhode Island.....	12,322	15,400	24,328	26,225	267,595	24,366	135,110	187,000	287,004		437,254
South Carolina.....	383	430	900	359	6,709	406	5,724	2,050	10,500	1,176	17,400
Tennessee.....	4,138	5,993	12,940	5,606	89,044	13,220	125,350	31,804	93,000	18,750	237,180
Texas.....	819	830	1,500	3,150	14,980	2,531	26,872	1,937	8,931	1,700	37,503
Utah.....	314			256	4,166	535	4,185	2,800	8,200		12,385
Vermont.....	15,147	17,591	40,825	47,891	240,687	102,075	400,929	109,159	141,039	5,800	547,789
Virginia.....	2,518	2,835	4,281	1,863	29,000	4,665	30,220	10,004	33,118	7,386	70,784
Washington.....	568	2,923	234	570	5,307	1,100	12,000	1,075	2,375	1,500	15,875
West Virginia.....	900	745	1,430	615	10,995	3,200	20,000	1,550	4,450	1,400	26,750
Wisconsin.....	36,093	38,414	173,470	59,508	656,319	169,072	823,403	117,289	287,677	65,597	1,181,677
Wyoming.....	1,250	420	8,320	200	15,150	2,000	32,000	200	1,000		33,600

*Chiefly repairing.

TABLE X.—BRICK AND TILE—1870-1860.

STATES AND TERRITORIES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.						CAPITAL.		
	1870	1860	1870		1870		1870				1860			1870	1860
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	Dollars.	Dollars.
The United States	3,137	1,678	10,453	376	328	22	43,511	39,754	260	3,497	21,409	20,962	447	20,613,738	7,994,428
Alabama.....	12	13					157	131	3	23	224	189	35	29,800	140,700
Arkansas.....	6	6					77	68		9	40	39	1	23,775	9,150
California.....	34	15					610	610			353	353		226,200	57,998
Colorado.....	6		20	1			63	63						28,000	
Connecticut.....	71	30	40	2	20	2	716	703	3	10	217	213	4	250,180	116,150
Delaware.....	14	6	82	4			365	327		38	221	221		210,692	60,000
District of Columbia.....	13	15	100	5			427	419		8	386	386		91,700	128,000
Florida.....	4	7					55	49		6	252	196	56	17,500	40,000
Georgia.....	41	18	61	3			860	696	19	145	316	311	5	132,500	195,850
Illinois.....	240	89	700	23			3,203	2,936	3	264	936	933	3	1,018,140	252,360
Indiana.....	275	56	92	5			2,009	1,896		113	506	505	1	536,792	64,550
Iowa.....	116	23					971	944	1	26	135	135		108,630	12,375
Kansas.....	27	4					270	238		32	42	42		41,450	17,000
Kentucky.....	40	32	29	3			507	399		108	396	390	6	120,575	103,750
Louisiana.....	22	24	20	1			401	296	70	35	644	443	201	147,250	504,925
Maine.....	110	111	175	3			773	769	2	2	610	610		322,370	93,493
Maryland.....	73	57	116	5			2,051	1,919	1	131	1,284	1,284		1,063,300	193,800
Massachusetts.....	107	70	823	28	44	3	2,901	2,802		99	835	863	2	2,435,310	322,150
Michigan.....	136	56	609	27			1,584	1,505	21	52	516	516		438,800	116,310
Minnesota.....	38	2					377	377			7	7		116,525	600
Mississippi.....	12	10					139	120	1	18	106	94	12	27,200	59,900
Missouri.....	186	76	255	7			2,198	2,077	2	119	1,407	1,407		1,198,451	252,675
Montana.....	2						8	8						675	
Nebraska.....	17	1					109	103	1		6	6		22,900	250
Nevada.....	1						9	9						800	
New Hampshire.....	57	56	55	2			544	544			216	215	1	131,895	47,265
New Jersey.....	118	60	1,119	35			2,366	2,245	7	114	867	867		1,886,560	490,150
New York.....	320	244	2,607	87	89	10	6,728	6,161	81	486	4,444	4,376	68	3,416,289	1,846,198
North Carolina.....	8	15					96	79		17	205	199	6	20,350	62,460
Ohio.....	354	163	636	31	118	4	2,637	2,488	7	132	1,301	1,298	3	743,160	298,590
Oregon.....	5	2					43	43			18	18		10,400	2,000
Pennsylvania.....	458	280	1,868	68	57	3	7,443	6,219	4	1,220	3,161	3,161		4,559,783	1,756,941
Rhode Island.....	3	6	100	4			224	216		8	160	160		23,000	83,000
South Carolina.....	4	9	15	1			38	33	5		119	88	31	5,100	132,000
Tennessee.....	34	12	80	2			442	349	3	90	134	133	1	78,785	37,700
Texas.....	24	8	24	1			268	218	3	47	65	60	5	82,175	9,750
Utah.....	1						6	6						1,200	
Vermont.....	18	4	7	1			166	162		4	47	47		72,450	16,600
Virginia.....	22	53	9	1			251	190	20	41	735	730	5	61,250	299,638
Washington.....	5						34	33	1					5,500	
West Virginia.....	24		432	14			262	213		40				182,975	
Wisconsin.....	79	43	179	12			1,133	1,086	2	45	468	467	1	456,050	74,750

TABLE X.—BRICK AND TILE—1870-1860—Continued.

STATES AND TERRITORIES.	WAGES.		MATERIALS.		PRODUCTS.				ALL PRODUCTS.	
	1870	1860	1870	1860	1870				1870	1860
	Dollars.	Dollars.	Dollars.	Dollars.	Common brick.	Fire-brick.	Pressed brick.	All other products, including tile and drain pipe.	Dollars.	Dollars.
The United States	10,835,791	4,174,501	7,458,701	2,320,894	Thousand. 2,801,832	Thousand. 60,072	Thousand. 37,423	Dollars. 1,887,335	20,302,016	11,263,147
Alabama.....	36,030	54,624	17,930	24,573	13,650			400	164,530	102,490
Arkansas.....	18,875	7,640	4,150	2,950	4,564				41,000	10,700
California.....	328,139	131,120	166,750	55,695	53,120				407,800	203,553
Colorado.....	16,900		10,200		3,700	30		4,500	40,550	
Connecticut.....	190,508	38,508	97,895	27,482	50,796	400		6,800	458,951	108,090
Delaware.....	114,186	25,570	49,606	20,775	16,403				218,496	94,300
District of Columbia.....	124,750	118,800	62,400	32,526	26,870		125	32,000	237,800	179,700
Florida.....	22,300	54,828	18,250	29,250	4,309				57,000	168,310
Georgia.....	146,487	85,872	94,981	65,289	40,860	300			420,109	190,702
Illinois.....	678,945	180,507	381,010	71,604	224,553	80		33,000	1,638,764	469,962
Indiana.....	331,598	56,366	207,380	39,731	87,972	1,450		333,300	984,264	174,606
Iowa.....	192,695	13,715	96,849	7,252	56,340			350	425,019	33,507
Kansas.....	43,777	17,784	23,769	3,700	12,668				106,845	224,000
Kentucky.....	101,026	42,390	69,078	50,565	39,250	900		25	278,218	160,950
Louisiana.....	94,600	121,902	58,762	37,789	23,870				264,300	370,700
Maine.....	134,208	82,525	127,231	63,921	63,975		550	1,200	405,893	233,157
Maryland.....	588,223	147,515	256,963	92,719	113,287	1,100		8,000	1,191,545	385,950
Massachusetts.....	765,168	156,140	978,503	139,322	172,064	3,040	12,000	84,600	2,251,984	466,872
Michigan.....	273,331	62,706	128,665	26,830	99,840	75		93,340	681,450	194,473
Minnesota.....	69,746	440	52,835	1,000	22,295				178,840	2,253
Mississippi.....	13,848	21,180	6,370	8,450	4,195				34,191	53,600
Missouri.....	652,610	457,224	446,639	106,789	195,300	5,500	2,865	4,300	3,148,884	683,775
Montana.....	1,126		450		225				4,500	
Nebraska.....	20,874	300	16,823	80	6,225				61,865	600
Nevada.....	3,000		900		350				4,500	
New Hampshire.....	112,049	27,995	88,570	35,553	39,571	2,800	124	2,500	313,831	100,746
New Jersey.....	679,157	187,093	483,965	130,264	149,011	9,755		227,160	1,695,530	603,653
New York.....	1,886,424	656,180	1,265,299	615,965	538,353	5,614	2,434	324,340	4,423,202	2,429,746
North Carolina.....	10,160	32,640	15,620	8,633	6,208				55,660	75,050
Ohio.....	529,696	182,505	340,024	137,733	142,778	4,447		565,090	1,526,514	610,256
Oregon.....	9,284	8,400	2,670	1,850	2,917				21,243	13,000
Pennsylvania.....	2,337,691	1,034,105	1,530,527	325,011	428,640	24,581	18,900	127,880	6,071,239	2,142,207
Rhode Island.....	44,372	22,680	32,360	12,950	15,000			100	154,000	62,000
South Carolina.....	3,560	14,364	7,400	11,575	1,650				23,300	32,150
Tennessee.....	68,768	14,645	66,686	3,187	30,080				225,000	56,500
Texas.....	49,636	8,148	54,017	2,770	16,720				172,670	17,920
Utah.....	600		300		100				1,000	
Vermont.....	31,620	9,504	18,910	5,840	9,150		220	7,500	76,380	40,450
Virginia.....	31,303	84,031	32,600	79,181	9,881		10	2,500	96,034	314,290
Washington.....	3,900		1,250		845				9,560	
West Virginia.....	67,835		28,562		11,910			26,050	139,050	
Wisconsin.....	198,445	45,070	125,361	39,017	61,126		200	1,200	599,606	160,270

TABLE X.—CARPETS, OTHER THAN RAG—1870-1860-1850.

STATES AND TERRITORIES.	1870.																	
	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		MACHINES.				HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.		
		Horse-power.	Number.	Horse-power.	Number.	Combining-m a- chines.	Cards, sets.	Hand-loom.	Power-loom.	All.	Males above 16.	Females above 15.	Youth.			Dollars.	Dollars.	Cotton.	Cotton and linen yarns.	Jute or flax.
The United States..	215	3,017	45	702	18	100	241	3,975	1,451	12,098	6,808	4,310	974	12,540,750	4,681,718	<i>Pounds.</i> 974,440	<i>Pounds.</i> 1,140,737	<i>Pounds.</i> 3,691,909
Connecticut	3	800	8	.....	.....	31	22	50	247	1,185	451	514	220	1,530,000	432,031	.....	.....	1,800
District of Columbia.	1	.....	.....	.....	.....	.....	.....	3	.....	2	2	.....	.....	4,400	600	.....	500	.....
Illinois	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	.....	15	1	.....	1	12	.....	.....	12	2	2	2	10,000	5,080	.....	.....	.....
Massachusetts	6	303	9	100	5	54	66	49	429	2,200	841	1,323	36	3,250,000	832,954	250,040	413,330	901,974
New Hampshire	3	1	.....	200	1	6	9	20	21	170	72	79	19	310,000	55,730	.....	.....	.....
New Jersey	12	30	1	120	2	.....	17	30	24	147	76	43	23	155,000	60,412	.....	.....	.....
New York	13	1,333	11	265	8	.....	87	646	669	3,424	1,650	1,444	321	4,251,750	1,423,784	402,000	.....	1,500,000
Ohio	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	184	550	16	2	1	9	38	3,161	61	4,941	3,628	935	348	3,026,500	1,870,527	321,000	726,907	1,223,135
Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	.....	.....	.....	.....	.....	1	4	.....	17	11	6	.....	3,100	600	500	.....	.....

TABLE X.—CARPETS, OTHER THAN RAG—1870-1860-1850—Continued.

STATES AND TERRITORIES.	1870.													
	MATERIALS—Continued.				PRODUCTS.									
	Wool.	Woollen yarn.	All other mate- rials.	All materials.	Brussels.	Felt.	Ingrain, 2 and 3 ply.	Jute.	Tapestry.	Velvet.	Venetian.	All other pro- ducts.	All products.	
The United States ..	<i>Pounds.</i> 25, 139, 999	<i>Pounds.</i> 7, 835, 954	<i>Dollars.</i> 1, 577, 032	<i>Dollars.</i> 13, 577, 993	<i>Yards.</i> 806, 505	<i>Yards.</i> 586, 000	<i>Yards.</i> 16, 924, 711	<i>Yards.</i> 504, 000	<i>Yards.</i> 1, 711, 000	<i>Yards.</i> 107, 000	<i>Yards.</i> 1, 350, 017	<i>Dollars.</i> 470, 047	<i>Dollars.</i> 21, 761, 573	
Connecticut.....	2, 601, 038		413, 077	1, 307, 397	162, 505	20, 600	1, 519, 045						2, 037, 130	
District of Columbia..		1, 000	562	1, 747			1, 273					1, 000	2, 000	
Illinois.....														
Maine.....														
Maryland.....	21, 000		1, 000	7, 300			10, 000				5, 000		14, 000	
Massachusetts.....	10, 813, 264		476, 948	3, 256, 628	544, 000		1, 969, 560		811, 000	17, 600		180, 000	4, 487, 525	
New Hampshire.....	615, 428		48, 068	326, 288			113, 600					179, 800	290, 700	
New Jersey.....	297, 307		24, 197	111, 497			118, 720					62, 706	193, 650	
New York.....	8, 401, 332		372, 585	3, 046, 863	100, 000	500, 000	2, 805, 288		900, 000	90, 000	30, 000	36, 544	4, 976, 835	
Ohio.....														
Pennsylvania.....	2, 299, 320	7, 834, 354	240, 420	5, 619, 448		57, 000	10, 385, 725	500, 000			1, 315, 017	269, 997	9, 758, 171	
Rhode Island.....														
Wisconsin.....	1, 250		175	825			1, 500						1, 950	

TABLE X.—CARPETS, OTHER THAN RAG—1870-1860-1850—Continued.

STATES AND TERRITORIES.	1860.												1850.
	Establishments.	HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.				PRODUCTS.		PRODUCTS.
		Total.	Males.	Females.	Dollars.	Dollars.	Cotton.	Flax.	Wool.	All materials.	All products.	All products.	All products.
The United States..	213	6,681	3,910	2,771	4,721,768	1,545,692	Pounds. 395,000	Pounds. 800,000	Pounds. 8,843,691	Dollars. 4,417,986	Yards. 13,285,931	Dollars. 7,857,036	Dollars. 5,401,234
Connecticut.....	3	701	376	325	700,500	179,304	260,000	.....	1,950,000	614,510	1,440,000	893,100	1,070,202
District of Columbia..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	4	4	4	.....	2,500	1,176	.....	.....	3,500	2,235	8,000	5,775	.....
Maine.....	2	37	26	11	8,000	10,380	.....	.....	40,000	32,510	90,500	42,000	28,500
Maryland.....	8	33	33	.....	46,250	7,692	.....	.....	32,500	13,076	61,630	29,705	.....
Massachusetts.....	11	1,361	599	762	1,981,900	334,184	135,000	.....	4,774,275	1,534,993	3,235,573	2,358,378	1,701,991
New Hampshire.....	2	67	50	17	20,000	17,004	.....	.....	115,702	35,473	62,434	57,060	50,000
New Jersey.....	10	151	76	75	62,800	23,652	.....	.....	208,000	48,317	140,200	112,590	115,000
New York.....	28	1,903	971	932	1,017,863	358,920	800,000	.....	1,082,494	880,502	2,293,544	1,027,967	1,223,019
Ohio.....	7	25	24	1	3,250	6,108	.....	.....	.....	6,161	43,580	15,516	0,000
Pennsylvania.....	137	2,396	1,750	646	872,200	606,060	.....	.....	574,720	1,247,059	5,931,463	2,710,632	1,130,733
Rhode Island.....	1	3	1	2	500	552	.....	.....	2,500	1,240	3,000	2,500	.....
Wisconsin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—At 1870 the column of All other products includes "Hair-cloth," "Drugget," and "Filling yarns."

TABLE X.—CHEESE, (FACTORY.)

STATES. AND TERRITORIES.	1870.																
	Number of establish- ments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.			PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 13.	Youth.	Dollars.	Dollars.	Milk.	Other mate- rials.	All materials.	Cheese.	Other products.	All products.
The United States	1,313	1,872	261	119	16	4,607	3,272	1,270	56	3,090,075	706,566	Gallons. 116,466,405	Dollars. 567,535	Dollars. 14,080,384	Pounds. 109,435,229	Dollars. 61,096	Dollars. 16,771,065
Colorado	1	7	1	1	1	18	17	1	1	1,800	1,800	5,000	80	420	4,000	1,280	1,280
Connecticut	7	10	1	1	1	18	17	1	1	9,600	1,149	271,410	962	27,400	231,700	38,034	38,034
Illinois	69	155	19	1	1	197	173	24	1	191,400	32,721	4,748,119	23,000	440,890	4,072,301	1,090	557,356
Indiana	17	1	1	1	1	30	29	1	1	26,270	1,559	130,625	293	11,686	107,680	16,076	16,076
Iowa	14	10	1	1	1	42	30	10	2	25,415	3,700	248,893	1,093	25,579	256,995	44,590	44,590
Kansas	1	3	1	1	1	3	3	1	1	1,200	300	15,000	1,500	15,000	15,000	2,700	2,700
Kentucky	4	22	2	1	1	16	16	1	1	31,660	6,700	265,000	1,185	27,685	246,000	42,000	42,000
Massachusetts	23	1	1	1	1	66	49	16	1	85,330	15,399	2,070,238	13,451	281,768	1,837,473	331,900	331,900
Michigan	30	130	6	1	1	101	80	21	1	122,750	13,329	1,925,031	3,222	186,989	1,600,997	70	230,659
Minnesota	2	12	1	1	1	5	5	1	1	6,300	475	37,500	75	4,525	37,500	5,850	5,850
Missouri	1	1	1	1	1	2	2	1	1	307	9,765	9,765	48	838	9,765	1,943	1,943
Montana	1	1	1	1	1	2	2	1	1	3,200	350	2,000	28	338	2,000	800	800
Nebraska	5	1	1	1	1	9	6	2	1	5,650	350	29,300	170	4,040	32,400	1,950	7,270
New Hampshire	2	5	1	1	1	5	5	1	1	3,000	370	31,000	90	3,690	27,250	4,650	4,650
New Jersey	8	1	1	1	1	25	18	6	1	9,200	4,756	440,107	653	43,643	440,107	2,875	52,147
New York	818	1,026	160	74	11	2,934	1,966	926	42	2,329,400	450,829	83,345,176	403,402	10,372,598	78,006,048	20,471	12,164,065
North Carolina	3	1	1	1	1	15	10	5	1	14,500	2,420	44,630	459	6,474	48,800	9,760	9,760
Ohio	195	317	45	40	4	759	571	187	1	474,070	116,635	15,746,503	60,410	1,875,711	15,984,320	450	2,287,804
Oregon	1	1	1	1	1	3	3	1	1	800	460	30,000	103	5,599	4,000	8,400	8,400
Pennsylvania	27	72	9	1	1	93	75	17	1	109,750	19,074	2,094,369	33,027	205,367	1,647,437	33,780	268,705
Vermont	28	64	8	1	1	92	64	28	1	107,700	18,205	3,217,126	15,630	365,928	2,984,179	445,321	445,321
Virginia	2	1	1	1	1	12	5	2	1	3,200	650	13,300	100	1,500	12,500	2,310	2,310
Wisconsin	54	40	8	1	1	177	143	30	4	126,740	16,982	1,797,313	11,051	194,716	1,696,783	500	240,056

MILK COWS AND DAIRY PRODUCTS. [FROM THE AGRICULTURAL TABLES.]

STATES AND TERRITORIES.	1870.				1860.			1850.		
	Milch cows.	Butter.	Cheese.	Milk sold.	Milch cows.	Butter.	Cheese.	Milch cows.	Butter.	Cheese.
The United States.	Number. 8, 935, 332	Pounds. 514, 092, 683	Pounds. 53, 402, 153	Gallons. 235, 900, 599	Number. 8, 563, 735	Pounds. 459, 681, 372	Pounds. 103, 063, 927	Number. 6, 385, 094	Pounds. 313, 345, 906	Pounds. 105, 535, 893
Alabama	170, 640	3, 213, 753	2, 732	104, 657	230, 537	6, 028, 478	15, 923	227, 791	4, 008, 811	31, 412
Arizona	938	600	14, 500	4, 800						
Arkansas	122, 959	2, 753, 931	2, 119	31, 350	171, 003	4, 067, 556	16, 810	93, 151	1, 854, 239	30, 065
California	164, 093	7, 909, 744	3, 395, 074	3, 693, 021	205, 407	3, 095, 035	1, 343, 659	4, 280		130
Colorado	23, 017	392, 920	33, 636	19, 520						
Connecticut	92, 889	6, 716, 067	2, 031, 194	6, 253, 559	98, 877	7, 630, 912	3, 893, 411	85, 461	6, 498, 119	5, 363, 277
Dakota	4, 161	209, 735	1, 850			256	2, 170			
Delaware	24, 082	1, 171, 063	315	758, 603	22, 395	1, 430, 502	6, 579	19, 248	1, 055, 308	3, 187
District of Columbia	637	4, 495		126, 077		639	18, 835	813	14, 572	1, 500
Florida	61, 922	100, 989	25	3, 002	92, 974	408, 853	5, 280	72, 876	371, 498	18, 015
Georgia	231, 310	4, 499, 572	4, 292	100, 139	299, 688	5, 439, 765	15, 567	334, 223	4, 640, 559	46, 976
Idaho	4, 171	111, 480	4, 464	11, 250						
Illinois	640, 321	30, 083, 405	1, 601, 703	9, 258, 545	522, 634	28, 052, 551	1, 848, 537	294, 671	12, 526, 543	1, 278, 225
Indiana	393, 736	22, 913, 385	283, 607	936, 983	18, 306, 651	36, 353	605, 795	284, 554	12, 881, 535	624, 561
Iowa	369, 811	27, 512, 179	1, 037, 741	688, 800	189, 892	11, 933, 606	918, 635	45, 704	2, 171, 188	209, 840
Kansas	123, 440	5, 022, 758	236, 607	196, 662	28, 550	1, 093, 497	20, 645			
Kentucky	247, 615	11, 874, 973	115, 219	1, 345, 779	269, 215	11, 716, 009	190, 400	247, 475	9, 947, 523	213, 954
Louisiana	103, 076	3, 322, 405	11, 747	233, 938	129, 662	1, 444, 742	6, 153	105, 576	633, 069	1, 957
Maine	139, 259	11, 636, 482	1, 152, 590	1, 374, 091	147, 314	11, 687, 791	1, 799, 862	133, 556	9, 243, 811	2, 434, 451
Maryland	94, 704	5, 014, 729	6, 732	1, 520, 101	99, 463	5, 265, 295	8, 342	86, 856	3, 806, 160	3, 975
Massachusetts	114, 771	6, 559, 161	2, 445, 873	15, 284, 057	144, 492	8, 297, 936	5, 294, 090	139, 099	8, 071, 370	7, 083, 142
Michigan	250, 859	24, 400, 185	670, 594	2, 277, 122	179, 543	15, 503, 432	1, 641, 597	99, 676	7, 065, 578	1, 011, 492
Minnesota	121, 467	9, 522, 010	233, 977	238, 130	40, 344	2, 957, 673	199, 314	607	1, 100	
Mississippi	173, 899	2, 613, 521	3, 099	17, 052	207, 646	5, 006, 610	4, 427	214, 231	4, 345, 234	21, 191
Missouri	398, 515	14, 455, 825	204, 090	857, 704	345, 243	12, 704, 237	250, 633	230, 169	7, 834, 359	203, 572
Montana	12, 432	408, 080	25, 003	105, 186						
Nebraska	28, 940	1, 539, 535	46, 442	95, 039	6, 905	342, 541	12, 342			
Nevada										

TABLE X.—HOSIERY—1870-1860-1850.

[illegible]

TABLE X.—HOSIERY—1870-1860-1850—Continued.

[illegible]

TABLE X.—HOSIERY—1870-1860-1850—Continued.

[illegible]

TABLE X.—COTTON GOODS—1870-1860-1850.

1870

MATERIALS—Contin'd.

PRODUCTS.

Mill supplies.	All materials.	Sheetings, shirt- ings, and twilled goods.	Lawns and fine muslins.	Print cloth.	Yarn not woven.	Spool-thread.	Warps.	Bats, wickings, and wadding.	Table-cloths, quilts, and counterpanes.	Seamless bags.	Cordage, lines, and twines.	Flannel.	Thread.	Ginghams and checks.
Dollars. 10, 910, 672	Dollars. 111, 736, 936	Yards. 478, 204, 513	Yards. 34, 533, 462	Yards. 489, 250, 053	Pounds. 30, 301, 087	Dozens. 11, 560, 241	Yards. 73, 018, 045	Pounds. 11, 118, 127	Number. 493, 892	Number. 2, 767, 060	Pounds. 5, 057, 454	Yards. 8, 390, 050	Pounds. 906, 668	Yards. 30, 273, 244
28, 481	704, 965	4, 518, 403			548, 750	105, 724					33, 129		53, 125	1, 039, 321
500	13, 783				1, 281, 780	3, 397, 130	11, 367, 064	1, 232, 305		173, 960	1, 370, 700			1, 071, 309
780, 329	8, 818, 051	52, 055, 093	8, 338, 677	34, 279, 875	1, 475, 000			171, 428						306, 000
80, 795	704, 733	2, 396, 000												
89, 401	2, 504, 758	13, 739, 847			4, 097, 167			2, 696	10, 000		214, 249		421, 416	1, 633, 434
15, 525	177, 525						1, 305, 000	330, 000			79, 000			
42, 405	542, 875	3, 831, 059			74, 880		3, 000, 000	100, 000						
150	4, 950							18, 000						
16, 880	375, 048				637, 000		530, 000	131, 000		12, 230	68, 000			
11, 200	* 161, 485	438, 800			112, 000	4, 000					5, 000			920, 000
614, 079	6, 746, 780	65, 614, 092			490, 450		78, 000	205, 400	137, 629	933, 470	72, 000			564, 240
110, 876	3, 409, 426	18, 839, 625	2, 358, 454		1, 247		90, 550		190, 000		325, 468			13, 690, 000
3, 325, 419	37, 371, 599	22, 123, 147	12, 434, 858	229, 613, 105	2, 108, 952	2, 595, 358	33, 712, 996	3, 773, 664	127, 424		924, 164	6, 804, 954	407, 527	20, 202
10, 824	123, 568	407, 788			275, 461									
51, 745	481, 745	2, 150, 000			1, 044, 000		14, 000	173, 000			147, 000			
1, 702, 691	12, 318, 867	89, 326, 701	75, 000	40, 843, 969	1, 322, 200			237, 026	850	1, 595, 760	28, 300	442, 696		1, 845, 199
246, 506	1, 964, 758	4, 174, 000	2, 442, 000	11, 000, 000	1, 729, 075	1, 650, 000	3, 120, 950	219, 800						880, 000
650, 743	6, 090, 626	25, 382, 532	1, 327, 336	82, 335, 833	250, 076		5, 097, 000	1, 659, 176			268, 796			
45, 933	963, 809	3, 954, 607			2, 180, 062		1, 486, 000	2, 000					24, 000	
8, 625	493, 704	1, 294, 501			957, 900		810, 000	121, 000			79, 600			
1, 208, 363	10, 724, 052	65, 706, 865		9, 704, 795	4, 510, 486		2, 944, 335	872, 568	23, 020		121, 000	1, 082, 400		15, 101, 170
1, 756, 982	13, 268, 315	77, 073, 206	7, 557, 137	75, 183, 628	6, 155, 692	3, 341, 200	6, 284, 150	1, 367, 800	4, 969	50, 000	1, 165, 024			
11, 129	761, 469	8, 273, 900			808, 781		260, 000	150, 000						
21, 645	595, 789	1, 976, 450			1, 220, 098	466, 820		289, 689		1, 700	56, 024			
15, 719	216, 519	730, 777			46, 175						100, 000			1, 261, 769
501	7, 051	700			21, 220			1, 575						
21, 486	292, 269	142, 000		6, 287, 136			2, 320, 400							
31, 837	937, 820	12, 544, 820			132, 975									130, 000

TABLE X.—COTTON GOODS—1870-1860-1850—Continued.

1860						1850									
MATERIALS.		PRODUCTS.				Establishments.	HANDS EMPLOYED.			CAPITAL.	AV. WAGES PER MONTH.	MATERIALS.		PRODUCTS	
Cotton.	All materials.	Sheetings, shirt- ings, printing clothes, &c.	Yarn and thread.	Bats, wickings, and waddings.	All products.		All.	Male.	Female.	Dollars.	Of males. (Dollars and cents.)	Of females. (Dollars and cents.)	Cotton.	Coal.	All products.
Pounds. 422, 704, 975	Dollars. 57, 285, 534	Pounds. 1, 148, 252, 406	Pounds. 47, 241, 003	Pounds. 12, 067, 956	Dollars. 115, 631, 774	1, 094	92, 256	33, 150	59, 136	74, 500, 931	.....	.....	Pounds. 288, 554, 000	Tons. 131, 099	Dollars. 34, 835, 056
5, 246, 800	617, 633	7, 610, 668	1, 647, 000	.....	1, 040, 147	12	715	346	369	651, 900	11 71	7 92	2, 343, 600	.....	237, 081
187, 500	11, 600	.....	100, 000	.....	23, 000	3	31	13	18	10, 500	14 61	5 88	70, 500	.....	8, 973
31, 891, 011	4, 028, 408	78, 161, 000	2, 282, 250	1, 577, 000	8, 911, 337	122	6, 186	2, 708	3, 478	4, 219, 100	10 03	11 80	17, 767, 350	2, 866	2, 500, 062
3, 403, 060	570, 102	12, 220, 000	603, 128	300, 000	941, 700	12	833	413	425	460, 100	15 31	11 58	2, 123, 500	1, 920	312, 061
294, 117	47, 403	.....	.....	.....	74, 400	1	144	41	103	85, 000	14 02	8 00	432, 000	.....	67, 000
200, 000	29, 600	149, 000	130, 000	.....	40, 000	.....	.....	.....	.....	60, 000	33 14	5 00	270, 000	.....	30, 000
13, 907, 904	1, 466, 373	17, 850, 034	4, 594, 480	.....	2, 371, 207	35	2, 272	873	1, 309	1, 736, 156	14 57	7 39	9, 103, 500	1, 000	900, 419
95, 000	11, 930	.....	.....	94, 700	18, 987	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1, 813, 944	229, 925	3, 800, 303	.....	166, 600	344, 350	2	.....	.....	.....	43, 000	13 02	6 77	303, 750	300	23, 220
1, 836, 000	214, 755	71, 350	1, 430, 600	293, 000	315, 270	8	402	181	221	239, 000	14 95	0 36	1, 692, 000	720	180, 907
1, 993, 700	226, 600	2, 376, 030	550, 000	.....	468, 500	.....	.....	.....	.....	.....	.....	.....	.....	.....	445, 639
23, 733, 165	3, 819, 335	60, 377, 000	481, 823	201, 000	6, 235, 023	12	3, 730	780	9, 950	3, 320, 700	20 35	12 15	14, 188, 950	2, 021	1, 473, 110
12, 820, 119	1, 698, 413	20, 350, 031	33, 120	182, 000	2, 973, 877	24	3, 022	1, 008	2, 014	2, 236, 000	15 42	9 48	10, 496, 251	2, 212	1, 165, 579
134, 013, 759	17, 214, 592	415, 291, 438	3, 776, 340	3, 200, 000	38, 604, 255	215	28, 730	9, 233	10, 417	28, 455, 630	22 00	13 60	100, 023, 150	43, 545	11, 283, 392
698, 830	70, 800	1, 130, 589	190, 000	.....	176, 328	22	.....	.....	.....	.....	.....	.....	101, 500	.....	21, 500
990, 000	110, 000	1, 000, 000	500, 000	80, 000	230, 000	22	.....	.....	.....	.....	.....	.....	.....	.....	83, 443
51, 092, 324	7, 128, 190	151, 713, 609	231, 000	230, 000	13, 699, 594	41	12, 122	2, 011	9, 211	10, 050, 500	20 60	13 47	37, 361, 700	7, 679	4, 632, 420
9, 094, 649	1, 165, 435	12, 593, 610	4, 121, 742	673, 050	2, 217, 728	21	1, 712	616	1, 095	1, 483, 500	17 98	9 56	6, 493, 650	4, 467	663, 645
23, 945, 627	3, 061, 105	68, 157, 121	1, 715, 480	2, 406, 406	6, 676, 978	26	6, 320	2, 632	3, 683	4, 176, 920	18 32	9 63	17, 003, 100	1, 533	1, 985, 073
5, 540, 738	692, 363	4, 605, 072	3, 451, 485	.....	1, 046, 047	25	1, 019	442	1, 177	1, 058, 800	11 65	6 13	6, 147, 650	.....	531, 003
3, 192, 500	374, 100	4, 100, 000	1, 300, 000	933, 000	723, 500	25	401	132	269	237, 000	16 39	9 42	1, 521, 500	2, 152	237, 069
37, 496, 203	7, 386, 213	114, 393, 185	2, 739, 181	2, 072, 500	13, 650, 114	208	7, 683	3, 564	4, 099	4, 528, 935	17 85	9 01	10, 872, 000	21, 189	3, 152, 530
41, 614, 797	5, 769, 233	147, 652, 300	5, 072, 114	3, 76, 240	13, 151, 031	158	10, 875	4, 059	5, 916	6, 675, 000	18 60	12 85	23, 820, 850	13, 116	3, 484, 579
3, 978, 061	431, 525	5, 806, 018	1, 000, 708	.....	713, 050	18	1, 019	399	630	837, 200	13 94	8 30	4, 465, 050	.....	295, 971
4, 072, 710	384, 548	1, 981, 400	2, 801, 968	14, 400	698, 123	33	891	310	531	669, 600	10 49	6 42	2, 884, 950	3, 010	297, 503
588, 000	64, 140	791, 400	.....	.....	80, 605	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12, 000	6, 000	.....	10, 000	.....	10, 000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1, 447, 250	181, 030	4, 030, 000	576, 000	95, 000	357, 450	9	241	94	147	202, 500	15 53	12 05	1, 009, 350	.....	114, 415
7, 544, 297	811, 187	11, 064, 537	908, 184	25, 000	1, 489, 971	27	2, 903	1, 275	1, 688	1, 908, 930	10 18	6 98	8, 003, 250	4, 805	823, 375

* No establishments reported for the State of Florida at 1850.

TABLE X.—FLOURING AND GRIST-MILL PRODUCTS—1870-1860.

STATES AND TERRITORIES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		RUNS OF STONE.	DAILY CAPACITY.	HANDS EMPLOYED.						CAPITAL.		
	1870	1860	1870		1870		1870	1870	1870			1860			1870	1860	
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Number.	Bushels.	All.	Males above 10.	Females above 15.	Youth.	All.	Male.	Female.	Dollars.	Dollars.
The United States.	22,573	13,878	168,736	5,383	407,950	21,213	48,051	3,271,128	58,448	57,795	91	562	27,692	27,636	56	151,565,376	84,455,964
1 Alabama.....	613	236	2,560	129	7,740	554	925	42,174	1,208	1,195	11	2	357	357	.....	1,191,856	692,733
2 Arizona.....	2	.....	25	1	10	1	3	164	22	22	.....	.....	.....	.....	.....	20,030	.....
3 Arkansas.....	272	97	2,537	114	1,186	99	357	18,497	593	593	.....	14	178	178	.....	477,151	284,350
4 California.....	115	91	3,406	77	1,874	59	311	51,794	600	689	.....	1	378	378	.....	2,590,400	1,433,500
5 Colorado.....	20	.....	117	6	521	17	48	4,735	54	54	.....	.....	.....	.....	.....	185,700	.....
6 Connecticut.....	276	132	420	8	6,251	312	573	32,878	562	561	.....	1	205	205	.....	1,165,358	503,200
7 Dakota.....	2	.....	.....	.....	51	4	5	400	5	5	.....	.....	.....	.....	.....	13,000	.....
8 Delaware.....	103	80	302	11	1,923	108	248	13,088	277	277	.....	.....	161	161	.....	777,554	627,062
9 District of Columbia.....	9	12	.....	.....	1,010	11	42	6,280	70	70	.....	.....	55	54	1	655,000	244,100
10 Florida.....	138	15	578	40	361	64	162	6,532	217	236	3	8	17	17	.....	119,075	22,325
11 Georgia.....	1,097	378	2,246	104	17,827	1,227	1,776	82,333	2,356	2,323	9	24	620	619	1	3,103,918	1,590,515
12 Idaho.....	3	.....	.....	.....	85	6	4	850	10	10	.....	.....	.....	.....	.....	72,600	.....
13 Illinois.....	941	550	28,877	726	8,903	368	2,420	321,533	4,427	4,432	3	22	1,942	1,938	4	14,826,562	5,646,100
14 Indiana.....	962	719	16,676	524	13,667	630	2,381	194,336	3,214	3,202	3	9	1,757	1,752	5	8,515,637	5,205,275
15 Iowa.....	502	333	7,236	195	10,172	542	1,137	121,666	1,867	1,863	1	3	777	771	6	5,765,758	2,622,002
16 Kansas.....	106	36	1,880	62	1,172	39	213	21,152	413	413	.....	.....	67	67	.....	1,056,800	107,730
17 Kentucky.....	696	435	9,019	314	5,197	321	1,166	82,560	1,686	1,661	8	17	885	885	.....	2,660,908	1,944,150
18 Louisiana.....	248	9	1,133	31	109	16	251	11,840	526	359	1	166	17	17	.....	270,781	29,525
19 Maine.....	265	201	200	6	8,191	395	635	49,587	559	556	2	1	308	305	3	944,350	544,000
20 Maryland.....	518	424	892	30	9,815	511	1,129	50,263	1,101	1,098	1	2	721	721	.....	2,790,700	2,546,676
21 Massachusetts.....	316	331	1,810	32	9,013	399	522	70,224	855	849	3	3	584	583	1	2,171,314	1,569,650
22 Michigan.....	516	314	6,274	156	18,636	719	1,366	152,112	1,938	1,932	.....	6	791	789	2	6,962,675	3,680,536
23 Minnesota.....	216	81	1,087	38	7,694	281	507	61,314	790	780	.....	.....	188	187	1	2,900,915	587,500
24 Mississippi.....	363	131	2,751	133	1,872	166	462	26,376	710	697	2	11	221	220	1	636,813	400,475
25 Missouri.....	804	389	16,471	478	4,344	257	1,529	154,591	3,160	3,129	31	1,075	1,072	3	.....	8,913,482	2,712,087
26 Montana.....	6	.....	.....	.....	203	8	14	830	26	24	1	1	.....	.....	.....	122,000	.....
27 Nebraska.....	80	17	610	10	1,088	49	110	10,016	183	182	1	.....	36	36	.....	591,500	72,500
28 Nevada.....	7	.....	70	4	55	3	13	1,062	18	18	.....	.....	.....	.....	.....	47,200	.....
29 New Hampshire.....	195	159	320	7	6,853	339	454	25,221	388	388	.....	.....	192	192	.....	609,340	391,150
30 New Jersey.....	486	397	1,520	27	11,108	524	1,312	75,734	1,310	1,309	.....	1	747	747	.....	4,466,400	2,719,185
31 New Mexico.....	36	22	47	4	420	30	45	2,674	80	79	1	.....	82	82	.....	222,550	121,950
32 New York.....	1,610	1,234	6,338	129	57,233	2,389	4,668	386,519	5,193	5,129	7	57	3,244	3,244	.....	20,956,220	11,312,855
33 North Carolina.....	1,415	639	1,599	74	18,739	1,351	2,285	83,791	2,660	2,625	10	25	817	814	3	2,584,520	1,719,823
34 Ohio.....	1,396	1,223	18,834	582	26,564	1,181	3,567	231,490	3,932	3,921	2	0	2,520	2,513	7	11,334,952	8,066,006
35 Oregon.....	61	47	216	6	2,108	64	139	18,562	165	165	.....	.....	79	78	1	1,116,825	396,460
36 Pennsylvania.....	2,985	2,279	13,733	572	60,192	3,250	8,019	343,425	6,427	6,400	4	23	3,697	3,696	1	20,393,620	13,517,820
37 Rhode Island.....	66	28	833	12	1,199	51	95	7,823	143	141	1	1	51	51	.....	182,430	137,109
38 South Carolina.....	624	270	1,242	79	7,209	537	963	36,116	1,138	1,132	1	5	355	355	.....	835,814	699,545
39 Tennessee.....	1,058	481	4,641	184	12,150	885	1,762	99,394	2,218	2,200	2	10	743	737	6	2,891,484	1,917,255
40 Texas.....	533	182	4,686	230	1,219	85	696	35,065	1,123	1,057	6	60	415	409	6	1,066,293	730,650
41 Utah.....	74	10	.....	.....	990	77	108	7,039	130	130	.....	.....	17	17	.....	430,408	115,500
42 Vermont.....	220	123	336	9	8,386	436	600	41,139	590	497	3	.....	191	191	.....	1,231,050	631,475
43 Virginia.....	1,556	1,383	739	35	29,546	1,644	2,749	121,751	2,592	2,584	1	7	2,241	2,237	4	5,324,816	5,986,060
44 Washington.....	20	6	45	2	560	19	28	1,539	37	37	.....	.....	10	10	.....	188,300	40,000
45 West Virginia.....	476	.....	2,071	92	6,719	436	828	34,493	770	762	1	7	.....	.....	.....	1,539,277	.....
46 Wisconsin.....	581	374	4,939	89	18,275	669	1,412	149,230	2,031	1,999	3	29	941	941	.....	6,574,650	3,526,869

REMARKS ON THE STATISTICS OF FLOURING AND GRIST-MILL PRODUCTS.

The construction of the above table is wholly peculiar, as respects the relation between materials and products. This peculiarity of form is due to the desire of the Superintendent to exhibit the flouring interest proper of the country, distinct from the custom-work of the ordinary "grist-mill." In reading this table it needs to be borne in mind that while the amount of grain specified under the head of materials embraces all that was ground for individual owners as well as what was ground on the venture of the proprietors of mills, the amounts of flour, meal, &c., enumerated in the product only embrace the production of flouring as distinguished from grist mills. The difference between the amount of grain (of the several kinds) which would be required to produce the amounts of the several kinds of flour, meal, &c., specified in the product, and the total amount of grain actually reported under the head of materials, yields the quantity ground for individual owners. The statements respectively of the total value of materials and of the total value of the product include *all* grain ground, whether as custom-work or on personal venture, and, again, all flour, meal, &c., produced, whether for individual owners or otherwise. The table has been annotated according to this statement, but it has been apprehended that in a hasty

TABLE X.—FLOURING AND GRIST-MILL PRODUCTS—1870-1860.

WAGES.		MATERIALS.				PRODUCTS.											
1870	1860	1870				1860				1870							
Dollars.	Dollars.	Grain.	Grain.	Mill supplies.	All materials.	All materials.	Wheat-flour.*	Rye-flour.*	Wheat-flour.*	Barley-meal.*	Corn-meal.*	Feed.*	Hominy.*	All products.	All products.		
		Bushels.	Dollars.	Dollars.	Dollars.	Dollars.	Cwt.	Bbls.	Bbls.	Bushels.	Bushels.	Cwt.	Bushels.	Dollars.	Dollars.		
14,577,533	8,731,391	366,548,969	363,314,526	5,077,596	367,392,122	208,499,309	404,461	444,251	32,079,144	345,772	31,193,962	23,407,465	560,750	444,985,143	348,580,365		
177,542	88,920	3,298,842	3,985,523	3,818	3,989,341	1,997,997			36,780		630,229	27,994		4,827,477	2,343,238	1	
15,840		28,000	48,100		48,100				4,730		600	3,400		75,000		2	
67,252	45,060	1,393,617	1,380,153	2,130	1,382,233	710,105			14,064		61,115	8,751		1,670,416	931,920	3	
384,992	339,964	8,127,131	7,090,541	314,410	7,401,951	3,282,567	152	1,429	1,193,288	243,700	119,094	1,344,710		9,036,386	4,630,952	4	
31,550		344,757	439,706	1,210	440,916				52,670		11,425	25,409		616,856		5	
129,353	70,080	3,231,717	3,348,444	4,520	3,352,964	1,420,561	3,447	9,588	50,850		1,139,872	204,829		3,966,328	1,720,650	6	
2,450		75,000	60,600		60,600				7,800		500	6,360		50,930		7	
60,874	50,134	1,600,682	1,739,602	7,183	1,746,850	1,574,953		110	136,110		413,290	93,109		2,067,401	1,849,537	8	
34,310	21,012	903,522	1,286,100		1,286,100	1,060,126		733	101,082		47,378	106,471		1,543,574	1,192,893	9	
23,751	5,400	390,458	410,260	1,501	411,857	58,773			12		16,670	330	3,000	505,388	68,752	10	
337,564	158,688	7,173,693	9,103,040	26,538	9,189,578	3,876,506		10	228,035		933,994	107,956		11,232,029	4,554,007	11	
6,800		84,200	102,500		102,500				14,000		4,200	13,682		211,010		12	
1,881,475	684,272	38,178,730	34,489,217	941,499	35,430,716	17,117,323	5,663	46,756	5,131,557		2,110,642	3,232,039		43,876,775	20,001,519	13	
896,717	540,293	21,425,856	20,144,958	457,273	20,602,231	14,981,148	7,475		2,455,632		1,145,416	1,481,494	41,230	25,371,322	17,337,950	14	
605,865	265,686	17,623,604	11,760,989	200,455	11,961,444	5,197,755	10,360	9,702	1,342,012		586,235	853,468		15,635,345	6,799,324	15	
171,916	33,144	2,667,331	2,244,384	14,574	2,258,958	160,432	540	4,754	255,477		296,160	141,865		2,938,215	293,811	16	
325,247	247,596	7,231,617	6,327,734	101,500	6,429,234	5,683,305		3,165	465,098		772,814	278,607		7,884,744	6,791,164	17	
31,157	5,749	578,103	602,052	5,812	607,864	116,277					425,843			726,267	138,378	18	
115,308	89,220	3,419,233	3,833,060	4,290	3,837,370	1,443,434	960	610	78,241	14,232	1,263,686	70,814		4,415,005	1,635,307	19	
178,733	217,176	5,131,228	5,704,475	33,996	5,828,471	6,758,753	9,331	6,542	500,394		203,781	315,531	28,110	6,726,459	8,231,271	20	
271,248	137,209	7,504,578	8,743,924	23,028	8,765,956	5,042,480	7,135	55,168	132,359		4,539,527	343,366		9,720,374	5,678,094	21	
646,504	207,068	16,891,910	17,658,718	263,777	17,921,495	7,777,534	10,956	3,750	963,101	3,375	610,103	1,508,180		21,174,247	9,255,454	22	
293,081	67,212	8,226,852	6,074,266	19,468	6,090,066	178,552	1,453	525	895,410		52,749	451,306		7,534,575	1,259,665	23	
85,681	52,752	1,585,704	1,708,157	8,133	1,716,290	1,235,081			4,870		149,269	10,489		2,053,567	1,327,064	24	
1,105,980	386,077	24,255,846	23,033,114	1,108,104	24,891,218	7,677,368	1,410	4,097	3,182,300		2,389,092	2,682,227		31,837,352	9,484,344	25	
25,100		200,636	366,070	230	366,290				26,093		50	6,687		480,859		26	
72,016	11,984	1,507,843	1,057,267	52,232	1,109,499	69,789	1,094	165	150,513		25,280	40,204		1,516,150	110,191	27	
4,350		73,550	80,100		80,100				8,056		2,430	7,606		97,920		28	
74,914	58,128	2,113,762	2,405,209	645	2,406,054	1,330,972		60	16,540		528,070	31,540		2,747,073	1,501,844	29	
346,288	220,294	10,376,682	10,627,486	7,150	10,634,042	5,764,299	36,163	33,355	100,953	16,000	1,634,829	1,204,628	90,000	12,593,146	6,947,515	30	
34,111	45,084	358,810	437,131	4,306	441,527	203,100			42,132		27,015	35,786		725,293	419,250	31	
1,687,234	1,075,327	45,663,123	50,329,077	277,327	50,606,404	28,665,630	185,440	133,273	4,235,144	22,795	4,207,375	5,032,292	336,400	60,237,220	34,636,764	32	
244,813	171,624	5,522,936	6,430,058	5,652	6,435,110	3,792,684	160	390	55,583		430,229	55,017		7,730,133	4,354,309	33	
965,724	812,058	25,541,270	26,055,658	402,939	26,458,777	21,114,742	15,710	17,115	3,073,473	36,220	1,107,661	2,695,727	40,790	31,092,210	24,772,936	34	
90,431	58,230	1,849,623	1,274,226	8,201	1,282,457	961,240	3	15	325,490		6,595	195,007		1,972,444	1,157,630	35	
1,278,146	1,082,532	40,755,593	41,614,193	119,133	41,763,255	26,228,802	71,091	78,028	2,518,493		1,710,768	3,689,253		49,470,246	29,925,573	36	
20,060	10,251	1,288,398	1,426,552	33,269	1,519,827	586,122		107	65,240		626,314	44,537		1,728,704	669,639	37	
109,380	60,424	2,008,513	2,658,071	5,352	2,663,423	1,517,366		197	22,699		179,011	13,587		3,150,217	1,757,174	38	
322,333	189,990	9,385,700	8,664,899	108,162	8,793,061	3,245,212	74	175	443,011		841,730	388,668		10,757,388	4,124,812	39	
130,353	130,624	2,236,634	1,722,66	17,226	1,875,305	2,014,647		85	11,305		152,824	5,973		2,421,047	2,007,070	40	
44,930	11,240	1,677,288	582,955		582,955	213,142			10,422	400	1,009	14,622		782,846	264,815	41	
103,284	67,860	3,060,427	3,323,504	9,940	3,333,444	1,469,503	6,733	4,223	80,257		535,902	68,425		3,895,058	1,659,692	42	
346,888	548,900	9,945,822	10,469,199	35,453	10,504,652	13,577,080	787	2,197	563,325		833,557	307,492		12,649,276	15,651,660	43	
15,270	6,760	287,957	214,028	3,040	217,078	53,000		8	47,014		4,315	22,654		321,103	75,800	44	
94,618		3,084,525	3,291,356	1,234	3,292,530		5,980	5,157	241,208		145,966	47,108		3,933,192		45	
668,847	369,044	19,196,354	16,723,236	352,143	17,075,379	9,532,510	21,066	18,214	2,282,745	9,000	203,498	1,925,645		20,419,877	11,519,634	46	

* Excluding flour, meal, &c., from grain ground for individual owners.

use of the figures the caution conveyed by the notes might be overlooked. To repeat: The amount of grain specified under the head of materials includes all the work of all the grist and flouring mills returned in the census, and the value given is the value of all the materials consumed. On the other hand, the amounts of the several kinds of flour, meal, &c., specified in the product only embrace the production of mills grinding for market; but the value given in the product covers the production of both classes of establishments. No such distinction as the above was attempted in the publications of the census of 1860, and the values given, both for materials and products, therefore, embrace both classes of establishments. The fact that in a few States and Territories the number of mills exceeds the aggregate number of steam-engines and water-wheels returned, is due, firstly, to the use of wind-mills in some sections, and the employment of horses for power in others; and, secondly, to the fact that in some of the Southern States a cane-mill and a grist-mill frequently take their power from the same wheel. The latter is very generally the case in Louisiana. In South Carolina 22 flour-mills are returned as operated by horse-power. In Texas, 50 mills are returned as driven by horses, 17 by oxen, and 5 by wind. In addition to the products specified in the table, New York is returned as producing 11,550 bushels oat-meal, New Jersey 100,000 bushels, Vermont 8,500 bushels, Wisconsin 2,400 bushels.

TABLE X.—INDIA-RUBBER AND ELASTIC GOODS—1870-1860

STATES.	ESTABLISH- MENTS.		STEAM- ENGINES.		WATER- WHEELS.		MACHINES.		HANDS EMPLOYED.							CAPITAL.	
	1870-1860		1870		1870		1870		1870				1860			1870	1860
	Number.	Number.	Horse- power.	Number.	Horse- power.	Number.	Looms.	Spindles.	All.	Males above 16.	Females above 15.	Youth.	Total.	Males.	Females.	Dollars.	Dollars.
The United States....	56	29	4,412	49	1,864	35	No. 663	No. 4,100	6,035	3,030	2,649	346	2,802	1,829	973	7,486,600	3,634,000
Connecticut.....	13	9	1,183	11	981	16	294	4,100	1,946	980	931	35	809	612	197	2,345,000	1,265,000
Maine.....	1	1	200	1	200	1	1	1	9	1	6	2	2	2	2	4,000	4,000
Massachusetts.....	16	5	698	10	255	6	369	1,405	1,405	492	818	95	298	224	74	1,920,600	563,000
Missouri.....	1	1	1	1	1	1	1	1	4	2	2	2	2	2	2	2,000	2,000
New Jersey.....	12	5	936	13	80	6	1	1	807	456	287	64	817	405	412	1,034,200	870,000
New York.....	10	7	845	9	548	7	1	1	1,008	643	330	35	757	514	243	1,777,000	775,000
Pennsylvania.....	1	1	1	1	1	1	1	1	1	1	1	1	8	5	3	800	5,000
Rhode Island.....	2	2	750	6	1	1	1	1	845	455	275	115	113	69	44	403,000	156,000

TABLE X.—INDIA-RUBBER AND ELASTIC GOODS—1870-1860—Continued.

STATES.	WAGES.		MATERIALS.							
	1870	1860	1870							1860
	Dollars.	Dollars.	Cloth.	Cotton.	Rubber.	Silk.	Yarn.	All other materials.	All materials.	All materials.
The United States....	2,559,877	816,170	Yards. 2,934,575	Pounds. 2,391,451	Pounds. 8,413,320	Pounds. 2,990	Pounds. 294,418	Dollars. 1,003,793	Dollars. 7,434,742	Dollars. 3,125,360
Connecticut.....	761,434	278,436	325,500	2,201,950	2,473,902	.....	30,000	592,889	2,355,488	1,426,330
Maine.....	2,200	200	.....	.....	.....	.....	.....	20,425	20,425	.....
Massachusetts.....	580,723	107,832	372,300	126,501	1,033,393	1,490	255,418	160,739	1,554,006	532,900
Missouri.....	600	.....	.....	.....	.....	.....	.....	1,500	1,500	.....
New Jersey.....	340,638	222,168	761,377	2,000	1,260,795	.....	.....	142,034	1,264,967	636,150
New York.....	489,500	176,694	951,490	61,000	2,745,470	1,500	.....	58,096	1,316,803	420,000
Pennsylvania.....	.....	2,832	.....	.....	.....	.....	.....	500	500	4,800
Rhode Island.....	373,582	28,208	523,908	.....	894,760	.....	.....	127,590	901,033	165,111

TABLE X.—INDIA-RUBBER AND ELASTIC GOODS—1870-1860—Continued.

STATES.	PRODUCTS.									
	1870									1860
	Belting and hose.	Boots and shoes.	Car-springs.	Coats.	Fabrics.	Packing.	Suspend- ers.	All other pro- ducts.	All products.	All products.
The United States....	Pounds. 906,000	Pairs. 5,402,666	Pounds. 1,250,000	Number. 30,000	Yards. 1,256,687	Pounds. 91,127	Dozen. 552,500	Dollars. 5,140,691	Dollars. 14,566,374	Dollars. 5,768,450
Connecticut.....	.....	2,155,120	.....	.....	.....	.....	294,400	1,323,552	4,239,320	2,276,000
Maine.....	.....	.....	.....	.....	.....	.....	9,000	.....	31,500	.....
Massachusetts.....	.....	1,127,700	.....	.....	692,187	.....	172,600	688,076	3,183,218	803,000
Missouri.....	.....	.....	.....	.....	.....	.....	1,500	.....	4,500	.....
New Jersey.....	.....	1,070,162	.....	30,000	64,500	.....	.....	1,067,538	2,224,839	1,303,600
New York.....	906,000	150,000	1,250,000	.....	500,000	91,127	75,000	1,265,001	3,076,720	1,127,750
Pennsylvania.....	.....	.....	.....	.....	.....	.....	.....	1,400	1,400	12,000
Rhode Island.....		899,744						853,124	1,804,868	246,700

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—IRON BLOOMS—1870-1860.

STATES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.						
	1870	1860	1870		1870		1870				1860		
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.
The United States	82	97	2,710	31	3,174	84	2,802	2,819	2	81	1,746	1,729	17
Kentucky	1	1	80	2			50	50			25	20	5
Maryland		1									10	10	
Massachusetts	1				40	3	7	7					
Mississippi	1				10	1	5	5					
Missouri	1	1			33	2	132	132			30	30	
New Jersey	1	5					6	6			30	30	
New York	22	24	245	5	1,380	32	1,020	998		22	439	439	
North Carolina	2		80	1	20	1	15	15					
Ohio	1	1	50	1			18	18			3	3	
Pennsylvania	43	57	2,145	21	1,563	36	1,473	1,432	2	40	1,055	1,053	2
South Carolina	2				23	1	9	9					
Tennessee	2	3	60	1	20	1	26	26			112	102	10
Vermont		3									28	28	
Virginia	5	1	50		26	7	141	131		10	14	14	

TABLE X.—IRON BLOOMS—1870-1860—Continued.

STATES.	CAPITAL.		WAGES.		MATERIALS.						
	1870	1860	1870	1860	1870				1860	1870	
	Dollars.	Dollars.	Dollars.	Dollars.	Iron-ore.		Pig-iron.		Iron-ore and pig-iron.	Scrap-iron.	
The United States	4,506,733	2,135,600	1,195,964	532,652	Tons. 45,168	Dollars. 382,533	Tons. 100,881	Dollars. 3,795,050	Tons. 110,839	Tons. 14,695	Dollars. 488,950
Kentucky.....	100,000	50,000	37,500	3,780			900	32,200	250	300	12,000
Maryland.....		50,000		3,360					500		
Massachusetts.....	6,000		3,000							300	9,600
Mississippi.....	5,000		750				65	1,500			
Missouri.....	44,000	80,000	38,250	10,356			1,000	64,000	2,000		
New Jersey.....	15,000	38,300	2,500	9,300			400	16,500	2,214		
New York.....	1,614,883	442,100	358,135	141,836	35,544	274,092	12,850	499,150	36,664	11,000	330,000
North Carolina.....	36,000		2,800		558	2,326					
Ohio.....	10,000	800	8,500	300			1,050	37,750	43		
Pennsylvania.....	2,446,600	1,336,400	707,589	317,796	9,036	105,950	80,725	3,012,610	58,764	3,095	137,350
South Carolina.....	12,000		1,100				147	5,880			
Tennessee.....	91,750	88,000	1,700	24,444	30	165	240	10,000	6,817		
Vermont.....		23,000		10,280					2,750		
Virginia.....	125,500	27,000	34,140	5,040			2,895	115,400	825		

TABLE X.—IRON BLOOMS—1870-1860—Continued.

STATES.	MATERIALS.—Continued.						PRODUCTS.				
	1870						1860	1870	1860	1870	1860
	Charcoal.		Coal.		Other materials.	All materials.	All materials.	Blooms.	Blooms.	All products.	All products.
The United States	<i>Bushels.</i> 6,898,447	<i>Dollars.</i> 602,689	<i>Tons.</i> 143,496	<i>Dollars.</i> 379,904	<i>Dollars.</i> 36,340	<i>Dollars.</i> 5,685,466	<i>Dollars.</i> 1,793,434	<i>Tons.</i> 110,808	<i>Tons.</i> 51,290	<i>Dollars.</i> 7,647,054	<i>Dollars.</i> 2,623,178
Kentucky	27,000	2,000	1,500	7,000	500	53,700	8,000	1,054	200	94,860	13,000
Maryland							14,192		516		18,635
Massachusetts	15,000	1,500			100	11,200		250		17,000	
Mississippi			10	80		1,580		60		3,000	
Missouri			3,937	22,750	1,250	68,000	28,560	1,500	1,000	140,000	50,000
New Jersey	50,000	5,800				23,300	16,694	300	867	25,000	37,429
New York	4,427,918	392,387	32,463	113,955	16,680	1,626,264	468,559	36,016	17,536	2,171,106	697,193
North Carolina	78,500	3,325			1,050	6,701		150		11,823	
Ohio	70,000	4,900	500	1,000	100	43,750	1,220	700	35	56,000	1,635
Pennsylvania	1,998,303	176,841	105,000	234,429	16,120	3,683,300	1,005,045	62,238	24,700	4,881,431	1,467,450
South Carolina	23,400	1,150				7,030		133		8,475	
Tennessee	16,640	1,856			540	12,561	186,789	175	4,486	15,600	251,580
Vermont							38,550		1,400	54,000	
Virginia	191,681	12,930	86	690		129,080	25,825	2,232	550	222,700	32,000

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—IRON, PIG—1870-1860-1850.

STATES.	ESTABLISHMENTS.			1870	1870	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.			
	1870	1860	1850	Number of blast-furnaces.	Daily capacity in tons of melted metal.	1870							
	Number.	Number.	Number.			Horse-power.	Number.	Horse-power.	Number.	All.	Males over 16.	Females over 15.	Youth.
The United States...	386	286	377	574	8,357	58,866	509	5,034	141	27,554	26,962	54	538
1 Alabama.....	3	4	3	3	33	240	4	125	2	301	299		2
2 Connecticut.....	7	7	13	8	70			153	7	159	159		
3 Georgia.....	4	2	3	5	5	20	1	22	3	49	49		
4 Illinois.....		1	2										
5 Indiana.....	4	1	2	5	105	1,725	8			189	185		4
6 Kentucky.....	19	18	21	29	384	2,370	28			1,565	1,521		44
7 Maine.....			1										
8 Maryland.....	14	11	18	21	191	736	12	200	7	859	839		20
9 Massachusetts.....	4	5	6	6	64	330	4	130	2	421	421		
10 Michigan.....	17	4	1	27	287	1,229	15	95	7	1,625	1,625		
11 Mississippi.....	1			1	8	20	1			98	70	20	8
12 Missouri.....	9	2	5	15	252	1,925	15	33	2	1,123	1,045		78
13 New Hampshire.....			1										
14 New Jersey.....	6	6	10	12	193	1,100	8	250	2	360	349		11
15 New York.....	39	15	18	81	842	4,510	37	1,191	23	2,121	2,117		4
16 North Carolina.....	11		2	15	21	35	3	159	10	126	126		
17 Ohio.....	65	48	35	84	1,383	10,158	89			4,582	4,571		11
18 Pennsylvania.....	136	125	180	199	4,076	32,303	252	1,184	46	10,861	10,629	10	222
19 South Carolina.....	2			2	6			61	2	15	15		
20 Tennessee.....	14	17	23	23	192	710	11	590	8	1,122	1,038	20	64
21 Vermont.....	2	2	3	4	9			80	4	33	33		
22 Virginia.....	18	16	29	21	82	440	10	551	11	1,036	982	4	50
23 West Virginia.....	5			7	68	220	5	20	1	317	297		20
24 Wisconsin.....	6	2	1	6	86	795	6	190	4	592	592		

TABLE X.—IRON, PIG—1870-1860-1850—Continued.

STATES.	MATERIALS.									
	1870									
	Iron ore.		Anthracite coal.		Bituminous coal.		Charcoal.		Coke.	
	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.
The United States...	4,303,847	24,745,445	2,233,410	9,092,296	843,866	2,420,962	635,519	5,575,833	43,870	196,617
1 Alabama.....	11,350	30,175					1,579	9,940		
2 Connecticut.....	42,585	335,127					23,494	326,800		
3 Georgia.....	2,362	11,225					800	3,880		
4 Illinois.....										
5 Indiana.....	51,150	426,050	114,438	343,085						
6 Kentucky.....	126,562	670,278	40,128	103,774	16,000	40,000	48,106	344,043	5,000	32,500
7 Maine.....										
8 Maryland.....	138,067	758,510	26,600	193,100			25,430	230,262	438	2,187
9 Massachusetts.....	36,340	190,150	4,000	35,000			15,881	206,872		
10 Michigan.....	119,415	719,596	4,872	31,039			93,085	894,411		
11 Mississippi.....	600	3,000	50	400						
12 Missouri.....	126,212	580,293	28,000	300,000	8,938	32,750	40,627	395,305		
13 New Hampshire.....										
14 New Jersey.....	101,633	583,725	84,625	444,312			4,400	41,000		
15 New York.....	446,945	2,009,794	357,687	2,017,940	53,986	177,000	41,670	470,027		
16 North Carolina.....	3,174	12,461					3,197	18,746		
17 Ohio.....	558,064	3,763,282	47,593	266,369	374,770	1,108,649	173,164	1,479,350		
18 Pennsylvania.....	2,337,286	13,277,525	1,518,127	6,200,414	363,002	1,026,395	87,612	599,216	38,432	161,960
19 South Carolina.....	600	2,000					400	1,600		
20 Tennessee.....	64,988	178,655	1,550	5,923			29,751	250,859		
21 Vermont.....	2,600	12,000					2,650	24,025		
22 Virginia.....	47,108	108,258			470	2,518	26,916	165,297		
23 West Virginia.....	36,940	206,850			26,700	33,050	690	2,400		
24 Wisconsin.....	49,106	257,491	5,540	44,920			14,707	161,900		

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—IRON, PIG—1870-1860-1850.

HANDS EMPLOYED—Continued.						CAPITAL.			WAGES.		
1860			1850			1870	1860	1850	1870	1860	1850
All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Average per month. Dollars.
											Male. Female.
15,927	15,254	73	20,448	20,298	150	50,145,320	24,672,624	17,340,425	12,475,250	4,545,430	
95	95		40	40		356,000	225,000	11,000	97,018	25,800	17.60
420	420		143	143		780,000	460,000	225,000	92,614	110,976	26.80
60	60		138	135	3	12,200	30,000	26,000	11,609	17,44	5.00
30	30		150	150			25,000	65,000		10,000	22.00
10	10		88	88		425,000	60,000	72,000	159,400	3,600	26.00
465	465		1,255	1,245	10	2,970,000	1,520,000	924,700	417,948	140,904	23.23
			71	71				214,000			22.00
615	615		1,370	1,370		2,005,000	775,000	1,420,000	255,941	173,680	30.14
326	326		263	263		700,000	216,000	460,000	334,541	109,068	27.52
162	162		25	25		2,528,000	350,000	15,000	844,250	55,920	35.60
						60,000			0,700		
175	175		334	334		1,914,000	503,000	610,000	856,780	63,000	24.28
			10	10				2,000			15.00
517	517		600	600		1,405,000	932,000	967,000	241,611	167,208	21.20
656	656		505	505		5,732,116	1,309,100	605,000	1,005,500	215,364	25.00
			31	26	5	68,675		25,000	42,130		8.00
3,119	3,115	4	2,415	2,415		7,437,826	3,654,000	1,503,000	2,035,520	975,024	24.48
7,597	7,593	4	9,294	9,285	9	26,376,059	12,723,644	8,570,425	5,014,455	2,107,500	21.65
						20,000			3,500		
1,051	991	60	1,822	1,713	109	1,103,750	1,062,675	1,021,400	379,384	213,304	12.61
40	40		100	100		85,000	40,000	62,500	9,880	10,320	22.09
529	524	5	1,120	1,115	14	828,700	616,405	513,800	271,220	111,102	13.76
						434,000			179,720		
60	60		60	60		865,000	105,000	15,000	122,520	18,000	30.00

TABLE X.—IRON, PIG—1870-1860-1850—Continued.

MATERIALS—Continued.						PRODUCTS.					
1870		1860		1850		1870		1860	1850		
All other materials.	All materials.	Iron ore.		Iron ore.		Pig-iron.		All products.	All products.		
Dollars.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Dollars.	Dollars.	Dollars.	
2,506,834	45,498,017	2,309,975	12,293,030	1,579,318	7,005,259	2,052,821	69,640,498	20,870,120	12,748,727		
	40,115	3,720	19,765	1,838	6,770	6,250	210,258	64,500	22,500		1
52,006	716,933	27,550	238,825	35,450	280,225	16,855	949,125	379,500	415,000		2
	15,105	2,700	8,600	5,169	25,840	1,220	47,212	31,500	57,300		3
		4,000	20,000	5,500	15,500			37,500	70,200		4
56,300	825,435	1,000	4,950	5,200	24,400	30,443	1,191,834	9,375	58,000		5
32,439	1,223,034	98,750	517,628	72,010	260,152	57,943	2,182,482	804,214	604,037		6
				2,907	14,930				36,616		7
102,832	1,226,821	79,200	528,750	90,866	569,725	54,204	2,143,029	729,600	1,056,400		8
14,801	446,823	42,000	209,060	27,909	185,741	16,416	722,225	403,000	295,123		9
6,056	1,651,102	22,900	201,642	2,700	14,000	70,279	2,011,515	391,400	21,000		10
	3,430					450	18,000				11
61,418	1,375,766	35,000	181,750	37,000	97,367	80,090	2,991,618	450,000	314,600		12
				500	4,000				6,000		13
56,224	1,125,261	107,972	665,285	51,266	332,707	54,652	1,546,965	1,016,630	560,544		14
204,564	5,548,925	151,378	1,018,772	46,385	321,027	223,725	7,922,463	1,635,758	597,920		15
123	31,330			900	27,900	1,422	54,169		12,500		16
438,815	7,056,405	288,977	1,291,778	140,610	630,037	306,363	10,056,938	2,697,366	1,255,850		17
1,366,982	22,638,492	1,351,000	7,014,037	877,233	3,732,427	1,633,272	32,636,410	11,262,974	6,071,513		18
	3,600					180	8,200				19
4,500	439,937	56,969	203,764	68,810	254,900	28,688	1,147,707	549,640	676,100		20
1,350	38,275	3,250	13,420	7,676	40,175	1,200	66,000	31,500	68,000		21
100	276,173	28,109	132,894	67,319	158,307	17,233	619,820	308,173	531,924		22
1,000	213,300					16,950	577,200				23
107,334	511,645	5,500	21,150	3,000	8,250	25,986	737,268	57,400	27,000		24

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—IRON, ROLLED—1870-1860.

NOTE.—The columns for 1870, in the tables, *Iron, forged*, and *Iron, rolled*, taken together, will agree

STATES.		ESTABLISHMENTS.	1870	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.
			Horse-power.	Number.	Horse-power.	Number.	1870				1870	1870	
							All.	Males above 16.	Females above 15.	Youth.	Dollars.	Dollars.	
The United States.....		310	80,958	744	8,126	162	44,062	42,878	22	1,762	54,774,615	25,192,635	
1	Alabama.....	1	500	3			14	4		10	3,000	1,600	
2	California.....	2	225	3			129	129			381,470	78,511	
3	Connecticut.....	5	685	6	50	6	235	228		9	245,000	149,751	
4	Delaware.....	4	600	11	65	1	275	260		15	512,200	157,000	
5	Georgia.....	2	470	5			225	215		10	195,800	103,766	
6	Illinois.....	6	3,075	22			1,522	1,472		110	2,245,000	684,082	
7	Indiana.....	3	3,215	41			977	937		40	1,576,000	521,672	
8	Kentucky.....	6	1,450	24			876	864		12	1,123,600	582,233	
9	Maine.....	3	650	8	120	4	438	423		15	520,000	262,958	
10	Maryland.....	7	1,332	23	400	15	1,444	1,390		54	983,000	709,922	
11	Massachusetts.....	19	4,910	33	615	25	2,274	2,274			2,378,000	1,140,475	
12	Michigan.....	1	1,900	10			433	395		33	679,600	221,764	
13	Missouri.....	2	656	7			401	385		16	1,007,143	330,000	
14	New Jersey.....	12	2,280	23	790	10	1,670	1,607		63	1,813,097	1,040,510	
15	New York.....	27	6,781	41	3,047	28	4,653	4,484		169	5,008,400	2,362,850	
16	North Carolina.....	10			183	7	45	45			13,700	5,844	
17	Ohio.....	29	11,066	97	60	1	4,431	4,168		263	6,100,409	2,644,985	
18	Pennsylvania.....	120	35,423	354	1,082	24	21,221	20,335	20	866	27,177,986	11,880,450	
19	Rhode Island.....	3	425	5			138	115		23	410,000	93,560	
20	South Carolina.....	2			23	2	15	15			20,000	2,500	
21	Tennessee.....	18	370	3	565	17	337	334		3	253,770	130,822	
22	Vermont.....	1			100	1	13	13			35,000	7,000	
23	Virginia.....	12			961	21	696	696			810,200	329,425	
24	West Virginia.....	9	4,155	15			1,498	1,462	2	34	1,185,800	1,016,967	
25	Wisconsin.....	1	100				642	630		12	100,000	374,076	

TABLE X.—IRON, ROLLED—1870-1860—Continued.

STATES.	MATERIALS—Continued.				PRODUCTS.				
	1870				1870				
	Coal.		All other materials.	All materials.	Bar.	Plate.	Sheet.	Puddled, bar.	Rails.
	Tons.	Dollars.							
The United States.....	2,628,415	9,629,306	Dollars. 1,359,360	Dollars. 79,176,046	Tons. 488,834	Tons. 309,095	Tons. 74,753	Tons. 33,631	Tons. 531,605
1 Alabama.....	300	900		14,000	300				
2 California.....	4,174	41,740	3,515	201,920	3,000				
3 Connecticut.....	9,060	77,650	5,000	377,550	4,725				
4 Delaware.....	13,900	81,800	12,135	490,714	6,200	1,407	500		
5 Georgia.....	26,191	134,300		518,050	8,105	300			
6 Illinois.....	110,659	510,017		1,810,223	750	7,100	300		17,611
7 Indiana.....	61,810	206,223	64,523	1,968,518	10,870	3,600			10,235
8 Kentucky.....	43,104	161,118	24,498	1,367,064	15,116	5,450	1,947		3,063
9 Maine.....	20,328	159,211	22,708	1,026,300	4,192	191			12,750
10 Maryland.....	53,660	260,700	10,030	1,309,315	4,983	4,047	4,100		27,190
11 Massachusetts.....	87,201	613,472	97,063	4,237,743	21,325	26,428		35	15,060
12 Michigan.....	10,000	72,500	30,000	361,000	1,250	1,450	150		4,550
13 Missouri.....	38,928	101,750	45,000	826,750	3,500	5,500	4,000		
14 New Jersey.....	78,058	455,957	92,789	3,040,417	13,524	22,768	1,482		14,657
15 New York.....	199,481	970,290	118,910	9,714,897	73,747	4,563	2,500	12,320	79,701
16 North Carolina.....	620	2,020	60	18,411	229	25,232			
17 Ohio.....	309,262	998,414	213,447	8,016,590	68,718	30,316	11,796		30,532
18 Pennsylvania.....	1,384,110	4,261,597	497,336	38,896,771	233,854	113,847	47,353	21,276	281,445
19 Rhode Island.....	6,713	46,894	32,352	284,436	1,905		625		
20 South Carolina.....	100	1,500		11,975	100	30			
21 Tennessee.....	5,286	29,973		130,666	5,392				
22 Vermont.....	500	4,500	1,250	19,750		325			
23 Virginia.....	30,335	130,443	2,562	1,298,575	2,671	6,050			8,700
24 West Virginia.....	107,687	143,045	85,222	2,424,046	4,318	50,071			
25 Wisconsin.....	25,960	160,952		753,430					10,248

TABLE X.—IRON, ROLLED—1870-1860.

with the lines on Table VIII (B) for *Iron, forged*, and *Iron, rolled*, and *Iron anchors and cable-chains*.

MATERIALS.									
1870									
Pig-iron.		Scrap-iron.		Blooms.		Puddled, bar.		Ore.	
Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.
1,123,707	38,703,503	443,188	19,254,180	132,912	8,465,602	17,840	787,800	145,689	976,835
350	14,000								
50	2,000	3,966	156,665						
6,000	217,590	9,200	292,900						
10,553	374,750	4,100	153,822	198	17,907			1,100	11,550
15,618	577,934	300	9,000						
22,326	809,162	10,619	430,377	5,954	260,000			5,000	40,000
20,534	730,454	19,730	838,550						
10,314	375,704	7,666	235,408	3,058	165,588				
27,045	891,995	12,448	468,767						
57,903	2,318,482	124	3,100	1,835	143,420				
		23,456	923,452	2,300	231,594			3,850	46,780
		6,700	201,000	1,550	77,500				
17,000	680,090								
34,041	1,145,532	25,486	1,146,484	2,492	159,783			15,595	48,872
80,088	3,153,432	78,371	3,497,031	17,895	972,400	17,840	787,800	31,293	214,944
186	7,119			100	8,322				
137,330	4,883,699	37,621	1,761,091	992	43,750			21,747	116,189
584,106	10,173,893	174,243	8,092,085	96,433	6,384,128			58,773	487,732
4,350	156,250	1,400	49,000						
165	10,475								
2,900	79,000	2,830	18,755	15	1,900			8,332	10,768
		340	14,000						
16,130	551,550	15,001	614,020						
62,572	2,195,779								
7,549	354,803	8,507	237,075						

TABLE X.—IRON, ROLLED—1870-1860—Continued.

PRODUCTS—Continued.					1860	HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	
1870						Establishments.	1860						
Skelp-iron.	Rolled car-axes.	Rod-iron.	All other products.	All products.			All.	Male.	Female.	Dollars.	Dollars.	Dollars.	Dollars.
Tons. 2,217	Number. 34,821	Tons. 26,087	Dollars. 4,000,659	Dollars. 120,311,158	256	19,262	19,227	35	19,924,473	6,514,258	19,242,753	31,888,705	
				33,000	2	15	15		33,000	3,000	3,325	8,550	
				370,000									
		2,725		595,000	5	159	159		189,000	63,480	127,260	275,500	
		200		776,000	4	83	83		191,000	32,400	112,254	192,600	
				824,460	2	104	104		102,200	36,864	63,462	139,630	
			1,118,536	3,165,471	1	195	195		200,600	96,000	445,000	660,000	
			227,020	2,817,505	2	68	68		101,500	33,369	72,500	124,500	
		1,256	40,000	2,404,928	5	640	640		1,350,000	249,000	776,250	1,133,150	
		5		1,551,196	1	230	230		100,000	34,000	220,250	388,650	
			9,000	3,573,212	7	455	455		426,000	179,256	480,827	856,125	
		6,292	431,700	6,080,307	7	879	879		979,300	371,400	1,972,300	2,634,000	
				678,500	1	300	300		232,000	60,000	323,300	585,000	
			220,000	1,455,000	2	275	275		525,000	125,100	172,202	670,000	
	100		2,176	4,611,648	26	963	963		1,098,100	320,976	1,086,108	1,617,519	
		8,337	497,074	14,136,225	10	1,473	1,473		939,750	514,680	1,529,833	2,251,250	
				25,293	25	129	129		165,250	26,148	34,900	89,656	
	106	1,323	278,140	12,365,698	13	1,326	1,326		961,800	533,700	1,719,798	2,896,200	
2,217	34,615		204,189	56,811,975	87	10,177	10,177		10,974,013	3,283,536	8,862,947	15,122,842	
		1,825		403,500									
				22,190									
				369,222	35	379	344	35	284,835	67,672	337,042	543,398	
				31,500	1	10	10		25,000	3,600	47,800	63,250	
		950	750,000	1,994,146	20	1,382	1,382		1,047,725	430,086	854,466	1,666,885	
		998		4,025,620									
				1,129,562									

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—IRON, CAST—1870-1860-1850.

NOTE.—Equivalent to the sums of the items Iron, Castings, (not speci-

STATES AND TERRITORIES.		1870										
		Establish- ments.	STEAM-ENGINES.		WATER-WHEELS.		MACHINES.		HANDS EMPLOYED.			
			Horse- Power.	Number.	Horse- Power.	Number.	Capola- furnaces.	Daily capaci- ty in tons of melted metal.	All.	Males above 16.	Females above 15.	Youth.
The United States		2,654	31,640	1,593	8,060	434	2,945	9,814	51,305	49,441	48	1,816
1	Alabama.....	18	200	13	54	3	19	39	140	137		3
2	Arkansas.....	2	18	1			2	9	9			
3	California.....	31	577	28			42	129	727	686		41
4	Colorado.....	1	15	1			1	2	18	18		
5	Connecticut.....	83	1,435	38	559	24	111	468	2,458	2,338	23	97
6	Delaware.....	18	241	17	10	2	24	111	471	435		36
7	District of Columbia.....	5	53	5			5	9	83	82		1
8	Georgia.....	23	237	15	38	3	28	83	247	238		9
9	Idaho.....	1	7	1			1	3	3	3		
10	Illinois.....	118	1,662	73	217	13	131	462	2,157	2,119		38
11	Indiana.....	105	1,131	61	253	7	100	425	1,203	1,182		21
12	Iowa.....	44	342	33	10	1	46	106	272	279		2
13	Kansas.....	5	37	3			7	20	123	114		9
14	Kentucky.....	32	678	27			39	281	1,388	1,321		67
15	Louisiana.....	15	168	13			17	30	385	373		12
16	Maine.....	47	360	21	229	17	49	170	512	509		3
17	Maryland.....	43	447	30	10		45	135	695	686		9
18	Massachusetts.....	119	1,270	75	764	44	162	526	3,714	3,664	1	49
19	Michigan.....	198	1,522	108	240	19	202	397	1,101	1,088		13
20	Minnesota.....	18	73	11	75	3	19	39	118	118		
21	Mississippi.....	15	191	9			16	35	67	65		2
22	Missouri.....	41	1,112	36	9	1			1,977	1,745		232
23	Montana.....	1	20	1			1	1	5	5		
24	Nebraska.....	3	81	3			4	11	68	68		
25	Nevada.....	5	172	5			7	19	114	114		
26	New Hampshire.....	26	191	10	303	14	34	81	506	505		1
27	New Jersey.....	86	1,237	47	1,054	25	97	474	2,089	1,689	9	91
28	New York.....	485	5,334	258	2,415	119	580	1,932	12,032	12,193	13	416
29	North Carolina.....	29	178	13	152	7	29	45	143	139		4
30	Ohio.....	268	3,826	157	485	19	285	713	5,060	4,046		114
31	Oregon.....	4	24	3			4	8	39	39		
32	Pennsylvania.....	594	6,543	354	939	63	563	2,455	9,639	9,156	2	491
33	Rhode Island.....	17	443	13	35	2	26	101	927	909		18
34	South Carolina.....	7	57	6	10	1	7	9	85	81		4
35	Tennessee.....	33	330	16	35	4	34	43	316	312		4
36	Texas.....	6	84	5			7	9	30	30		
37	Vermont.....	26	134	8	245	15	27	44	244	244		
38	Virginia.....	54	245	15	388	19	57	127	541	529		12
39	Washington.....	2	25	2			2	1	5	5		
40	West Virginia.....	24	354	18			23	89	285	281		4
41	Wisconsin.....	74	596	40	131	9	77	182	719	690		23

TABLE X.—IRON, CAST—1870-1860-1850—Continued.

STATES AND TERRITORIES.	1870											
	PRODUCTS.											
	Car- wheels.	Rail- ing.	Hollow ware.	Malleable iron castings.	Hot-air fur- naces.	Cook- ing- ranges.	Stoves.	Agricul- tural castings.	Arch- tectural castings.	Machine castings.	Miscella- neous castings.	All pro- ducts.
The United States	Number. 473,108	Feet. 1,530,581	Dollars. 3,966,948	Dollars. 2,597,096	No. 15,351	No. 5,450	Number. 1,285,177	Tons. 40,168	Tons. 27,845	Tons. 107,701	Tons. 535,395	Dollars. 99,843,218
1 Alabama.....	373	5,000	1,600								2,103	326,890
2 Arkansas.....											140	10,000
3 California.....	300	100	64,000			190	808	57		3,368	7,045	1,329,031
4 Colorado.....											315	55,000
5 Connecticut.....	10,000	698,000	25,400	462,936			14,550	15		2,524	24,506	4,156,044
6 Delaware.....	40,000	3,000					250	79			4,438	1,085,557
7 District of Columbia.....											1,910	131,405
8 Florida.....												
9 Georgia.....	2,105		17,975				1,200				2,567	443,297
10 Idaho.....											17	4,940
11 Illinois.....	27,170		235,800	76,000			53,575	2,903	3,025	3,818	27,153	4,504,453
12 Indiana.....	63,137	15,200	68,980	10,000		3	28,052			5,759	16,643	3,067,706
13 Iowa.....	730	100					6,750				3,911	532,780
14 Kansas.....			12,000				10,000				1,630	326,450
15 Kentucky.....	2,500		134,824				52,544	3,710			26,830	3,222,243
16 Louisiana.....	10										636	552,470
17 Maine.....		3,000			50						1,080	6,611
18 Maryland.....	1,056	230	3,300		50		3,497	27			2,243	722,005
19 Massachusetts.....	100		167,750	138,500	4,652	1,350	1,092	355			5,545	928,084
20 Michigan.....	14,483			4,000			67,070	620			5,442	7,046,762
21 Minnesota.....			2,000		24		14,046	5,133			2,117	2,082,532
22 Mississippi.....		1,140					110				2,117	244,262
23 Missouri.....	33,968	103,000	286,200	170,000	570	850	250				1,096	126,082
24 Montana.....											13,824	4,163,605
25 Nebraska.....											50	25,000
26 Nevada.....											1,763	196,518
27 New Hampshire.....	3,000	2,100	5,000		264		12,529	5		2,795	4,003	614,568
28 New Jersey.....	19,856	2,500	113,000	374,800	35		4,633	1,303		1,748	41,197	4,012,805
29 New York.....	63,689	622,577	553,397	870,800	7,652		422,094	13,380	20,975	33,966	77,641	23,993,436
30 North Carolina.....	900		12,000					440			1,159	157,571
31 Ohio.....	42,366	28,605	479,793	170,000	50	100	228,579	5,445	1,400	7,376	46,817	10,539,460
32 Oregon.....											80	65,000
33 Pennsylvania.....	125,905	122,469	749,134	254,160	4	1,157	194,121	4,821		30,559	118,504	18,752,295
34 Rhode Island.....				49,000	2,000		15,575				8,109	1,416,105
35 South Carolina.....		4,210		900							135	119,750
36 Tennessee.....	972	2,800	39,500				650	143		1,974	2,253	555,111
37 Texas.....											632	77,600
38 Vermont.....	6,388	10,000	3,000	4,000			850	96		200	3,134	491,520
39 Virginia.....	5,360	700	4,835				1,890	1,059			5,244	769,274
40 Washington.....											67	8,500
41 West Virginia.....	1,680						15,872	40		1,045	1,575	566,072
42 Wisconsin.....	5,030		15,250				7,210	275			10,635	1,423,193

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—IRON, CAST—1870-1860-1850.

fied,) and Iron, Castings, stoves and hollow-ware, in Table VIII (B.)

1870									
CAPITAL.	WAGES.	MATERIALS.						ALL OTHER MATERIALS.	ALL MATERIALS.
Dollars.	Dollars.	PIG-IRON.		SCRAP-IRON.		COAL.			
		Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.		
67,578,961	28,835,914	982,488	37,677,042	144,586	3,869,969	662,941	3,853,609	2,821,870	48,222,550
177,100	98,632	1,577	73,170	1,075	33,550	2,176	23,921	21,630	152,271
3,500	3,500	30	1,300	100	2,000	80	1,500	4,800	2
897,000	434,845	11,506	443,883	716	20,335	6,630	123,850	124,286	712,354
25,000	20,000			350	28,000	400	4,000	500	32,500
3,006,650	1,444,345	36,537	1,470,027	2,964	82,015	22,229	173,065	22,328	1,748,035
592,275	227,761	205,064	705,064	201	5,226	4,070	30,289	20,760	761,339
219,000	45,782	925	36,250	600	18,200	910	6,740	1,850	63,040
179,750	108,130	2,150	87,177	1,256	36,357	1,638	16,389	9,520	149,443
3,000	1,200	18	1,080			15	270	625	1,075
2,762,825	1,200,127	43,681	1,872,092	10,114	267,506	29,348	218,882	45,000	2,404,230
1,672,182	612,133	38,638	1,545,045	5,346	144,054	25,430	139,160	44,807	1,863,656
359,514	137,512	3,576	159,393	1,978	50,229	1,709	22,518	20,854	252,994
135,986	77,334	1,937	95,780	442	11,550	690	10,190	19,140	136,660
2,052,431	782,985	38,415	1,533,781	3,771	93,145	21,624	85,340	8,493	1,720,740
367,500	250,100	2,047	116,010	895	20,775	5,786	43,124	15,605	196,414
712,384	247,472	6,830	263,888	2,138	54,174	3,468	31,347	11,497	360,006
784,135	215,805	8,421	313,091	3,591	94,979	5,487	37,463	7,837	453,310
3,437,400	2,286,893	63,728	2,397,518	9,382	274,477	32,850	293,455	164,545	3,129,995
1,571,447	519,433	17,462	733,412	5,432	154,063	9,647	113,511	55,135	1,077,021
109,500	50,934	1,473	66,200	802	26,680	728	8,282	1,550	102,898
112,550	34,700	785	24,339	437	12,174	378	3,377	15,204	55,194
3,108,500	1,444,884	41,767	1,672,290	5,942	174,225	43,097	162,670	188,443	2,107,637
8,000	5,000	20	1,800	40	5,000	60	2,250	2,550	14,090
67,840	72,194	1,845	59,410	130	5,240	439	5,079	36,852	107,181
101,000	133,500	3,173	190,380	140	5,300	963	28,820	39,476	203,416
500,760	285,165	6,684	243,781	2,750	91,086	7,708	82,575	44,354	459,796
2,476,541	1,191,689	50,477	1,778,610	4,911	131,910	26,632	163,708	64,100	2,138,484
15,121,501	7,425,120	222,950	7,955,649	33,115	849,247	109,096	729,009	805,134	10,450,129
107,650	41,758	902	36,094	1,236	31,270	564	7,211	6,028	81,303
8,273,629	2,858,166	93,788	3,891,531	17,095	458,596	83,772	353,556	150,827	4,794,510
28,000	25,500	625	21,570	60	200	347	4,990	2,600	29,300
14,872,073	4,952,788	214,117	7,947,228	18,688	469,636	184,197	657,466	727,112	9,801,442
1,224,000	512,025	13,111	534,305	100	2,600	5,630	45,703	40,453	622,961
64,251	40,210	415	22,000	230	5,680	250	2,012	3,000	33,492
331,392	166,501	4,017	168,235	1,094	47,040	4,279	25,190	5,220	246,594
54,000	17,350	575	28,770	116	3,500	495	7,950	3,850	44,070
266,200	115,267	4,366	207,507	1,288	34,343	2,395	24,813	5,055	271,718
554,235	199,275	5,547	199,788	2,995	79,141	6,242	42,521	2,312	323,702
16,200	1,150	61	1,610	15	390	12	168	490	2,658
462,100	167,488	5,285	225,830	1,377	28,597	3,716	7,770	7,897	270,094
760,500	372,532	14,186	619,074	794	23,919	6,402	62,697	14,709	720,399

TABLE X.—IRON, CAST—1870-1860-1850—Continued.

1860								1850								
Estab-lish-ments.	HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	Estab-lish-ments.	HANDS EMPLOYED.			CAPITAL.	AV. WAGES PER MONTH.		MATERIALS.	PRODUCTS.
	All.	Male.	Female.						Dollars.	Dollars.	Dollars.		Dollars.	All.		
1,412	26,029	26,008	21	24,249,966	9,068,346	15,181,410	36,132,033	1,391	23,589	23,541	48	17,416,361	Dolls. Dollars.		10,346,265	25,108,155
4	15	15		17,500	9,240	11,945	35,000	10	212	212		216,625	30.05		102,085	271,126
1	7	7		25,000	1,200	2,000	4,200									
10	56	56		61,000	59,388	59,050	151,100	1	3	3		5,000	23.33		8,530	20,740
47	1,001	993	8	707,700	324,040	445,124	1,070,640	60	949	942	7	580,800	27.02	8.00	351,369	981,400
6	310	310		314,000	115,212	437,573	711,353	13	250	250		373,500	23.36		153,852	267,462
2	30	30		51,000	10,800	14,915	31,700	2	27	27		14,000	27.05		18,100	41,696
3	40	40		30,600	18,500	15,000	69,000									
6	74	74		102,100	27,600	58,625	130,050	4	30	30		35,000	27.43		11,950	46,200
33	393	393		534,956	163,176	302,067	761,280	29	332	332		260,400	28.50		172,330	441,185
31	254	254		139,658	80,820	118,585	296,625	14	143	143		82,900	25.74		66,018	149,430
16	84	84		157,150	31,344	39,867	104,357	3	17	17		5,500	32.35		2,524	8,500
10	417	417		304,200	185,280	170,080	544,100	20	578	558	20	502,200	24.89	4.15	295,533	744,316
5	143	143		39,000	66,720	99,400	215,000	8	347	347		255,000	35.60		75,300	312,500
43	411	405	6	349,600	160,848	169,871	468,246	25	244	243	1	150,100	29.00	5.00	112,570	265,000
24	553	553		502,200	181,538	225,142	772,825	16	761	761		359,100	27.50		259,190	685,000
103	2,229	2,229		1,429,400	862,179	1,497,182	3,270,115	68	1,596	1,596		1,499,050	30.90		1,057,904	2,235,635
43	262	262		226,500	96,576	108,651	382,606	63	337	337		195,450	28.68		91,865	270,697
4	30	30		25,000	14,424	8,700	33,240									
3	107	107		13,600	57,240	58,200	134,700	8	112	112		100,000	37.91		50,370	117,400
16	655	655		980,850	305,064	442,878	1,141,120	6	297	297		187,000	19.63		133,114	336,495
23	522	522		348,100	190,164	250,421	577,910	26	374	374		232,700	33.05		177,060	371,710
77	1,926	1,920	6	2,081,650	743,304	1,491,142	3,000,918	45	803	803		593,250	24.00		301,048	686,430
327	7,545	7,544	1	6,722,160	2,038,412	4,061,069	10,308,904	323	5,925	5,923		4,622,482	27.49		2,393,768	5,921,980
9	59	59		55,500	14,004	21,903	61,100	5	15	15		11,500	23.46		8,341	12,867
120	2,421	2,421		1,781,700	928,800	1,103,528	2,966,695	183	2,758	2,758		2,003,650	27.32		1,199,700	3,069,350
317	4,800	4,800		5,820,760	1,749,492	3,024,795	6,940,060	320	4,783	4,782	1	3,428,924	27.55	6.00	2,372,467	5,354,681
13	511	511		380,000	215,668	195,484	514,725	20	800	800		428,800	29.63		258,267	728,705
1	60	60		100,000	12,000	9,200	36,400	6	155	153	2	125,700	13.59	4.00	29,128	87,083
16	159	159		127,800	59,700	58,732	188,615	16	269	261	8	139,500	17.96	4.50	10,035	264,325
								2	35	35		16,000	43.43		8,400	55,000
21	220	220		187,100	94,447	124,304	317,630	26	381	381		290,720	28.27		160,603	460,831
54	499	499		423,682	166,972	219,450	621,025	54	819	810	9	471,160	19.91	9.44	297,014	674,416
1	4	4		10,000	2,700	10,000										
23	223	223		201,700	81,468	114,826	311,785	15	223	222		116,350	28.73		86,930	216,193

TABLE X.—IRON, FORGED—1870-1860.

NOTE.—The columns for 1870, in the tables *Iron, forged*, and *Iron, rolled*, taken together, will agree with the lines on Table VIII (B) for *Iron, forged*, and *Iron, rolled*, and *Iron anchors and cable-chains*.

STATES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.							CAPITAL.		WAGES.	
	1870 1860		1870		1870		1870				1860			1870	1860	1870	1860
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 13.	Youth.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.	Dollars.
The United States..	104	71	4,587	85	1,461	51	3,588	3,437	.....	151	1,162	1,162	.....	4,620,959	1,386,150	1,075,776	435,456
Connecticut.....	11	7	350	5	269	9	309	305	.....	4	105	105	.....	310,000	75,950	120,879	40,920
Delaware.....	2	2	17	2	.....	.....	30	20	.....	.....	17	17	.....	32,000	10,500	11,000	4,872
Georgia.....	1	.....	75	2	.....	.....	25	20	.....	5	.....	.....	.....	20,000	.....	7,000	.....
Illinois.....	3	.....	76	2	.....	.....	217	207	.....	10	.....	.....	.....	170,000	.....	90,000	.....
Indiana.....	1	1	35	1	.....	.....	12	10	.....	2	.....	.....	.....	12,000	13,000	7,530	3,600
Kentucky.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	17	17	.....	.....	21,000	.....	8,700
Maine.....	3	1	106	2	40	1	54	54	.....	.....	15	15	.....	65,000	50,000	27,400	5,040
Maryland.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	25	25	.....	.....	51,400	.....	8,736
Massachusetts.....	14	19	563	14	240	18	357	352	.....	5	536	536	.....	449,125	625,900	201,042	196,752
Michigan.....	2	1	140	2	.....	.....	32	31	.....	1	12	12	.....	52,400	20,000	17,400	3,900
Missouri.....	1	2	16	1	.....	.....	20	20	.....	2	27	27	.....	20,000	47,000	21,000	11,520
New Hampshire.....	2	.....	315	5	10	1	111	111	.....	.....	.....	.....	.....	131,000	.....	57,400	.....
New Jersey.....	9	2	345	8	27	2	362	321	.....	41	51	51	.....	310,000	113,000	209,420	26,172
New York.....	23	14	960	15	220	9	902	871	.....	31	217	217	.....	1,197,300	290,000	501,257	60,100
Ohio.....	11	.....	160	5	40	2	342	335	.....	7	.....	.....	.....	561,350	.....	197,415	.....
Pennsylvania.....	10	10	995	16	555	9	692	672	.....	20	100	100	.....	1,115,784	52,400	381,533	31,776
Rhode Island.....	2	2	404	5	.....	.....	123	108	.....	15	14	14	.....	175,000	6,000	65,500	0,168
Virginia.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	16	16	.....	.....	10,000	.....	7,200

TABLE X.—IRON, FORGED—1870-1860—Continued.

[illegible]

TABLE X.—IRON, FORGED—1870-1860—Continued.

[illegible]

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—LEAD, PIG—1870-1860-1850.

STATES.	ESTABLISHMENTS.			STEAM-ENGINES.	WATER-WHEELS.	MACHINES.		HANDS EMPLOYED.											
	1870	1860	1850	1870				1870		1870				1860			1850		
	Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Furnaces.	Capacity in tons.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	All.	Males.	Females.
The United States.....	62	23	156	431	20	201	23	4	8	580	577	.....	12	164	164	.....	753	737	16
Arkansas.....	1		1														40	40	
California.....	3		93			8	3			15	15								
Illinois.....	2	5	6	5	1	10	3			23	25						120	113	7
Iowa.....	3		2			11	3	4	8	11	11			23	28		33	33	
Missouri.....	31		28	203	9	81	11			104	194						255	248	7
Nevada.....	9			215	9					181	181								
New Hampshire.....			1														3	3	
New York.....	2			8	1					30	30								
Pennsylvania.....			1																
Virginia.....	1		2			40	1			42	30		12				25	25	
Wisconsin.....	13	18	24			62	6			91	91			136	136		102	100	2
																	175	175	

TABLE X.—LEAD, PIG—1870-1860-1850—Continued.

STATES.	CAPITAL.			WAGES.			MATERIALS.			
	1870	1860	1850	1870	1860	1850	1870			
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Ore.		Coal.	
							Tons.	Dollars.	Tons.	Dollars.
The United States.....	2, 191, 600	218, 922	603, 106	237, 028	45, 084	181, 753	52, 293	2, 288, 198	8, 518	51, 600
Arkansas.....	.....	.....	10, 000	.....	.....	8, 640	.....	.....	.....	.....
California.....	40, 000	.....	.....	15, 000	.....	.....	.....	.....	.....	.....
Illinois.....	27, 000	.....	84, 021	8, 400	.....	33, 072	1, 850	150, 050	.....	.....
Iowa.....	17, 000	32, 000	57, 500	3, 450	7, 560	9, 372	450	40, 500	.....	.....
Missouri.....	1, 428, 600	.....	170, 450	40, 220	.....	49, 580	6, 602	434, 136	518	2, 850
Nevada.....	438, 000	.....	.....	100, 000	.....	.....	27, 575	442, 512	.....	.....
New Hampshire.....	.....	.....	1, 000	.....	.....	900	.....	.....	.....	.....
New York.....	140, 000	.....	.....	16, 750	.....	.....	9, 150	750, 000	8, 000	48, 750
Pennsylvania.....	.....	.....	80, 000	.....	.....	7, 500	.....	.....	.....	.....
Virginia.....	10, 000	.....	141, 000	6, 000	.....	20, 592	2, 000	20, 000	.....	.....
Wisconsin.....	91, 000	186, 922	59, 225	28, 908	37, 524	51, 700	4, 666	442, 000	.....	.....

TABLE X.—LEAD, PIG—1870-1860-1850—Continued.

STATES.	MATERIALS—Continued.						PRODUCTS.			
	1870			1860	1850		1870		1860	1850
	Wood.		All other materials.	All materials.	All materials.		Pig.	Pig. Value.	All products.	All products.
	Cords.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Tons.	Dollars.	Dollars.	Dollars.
The United States.....	7, 001	24, 946	242, 330	2, 807, 074	724, 297	1, 532, 585	21, 515	3, 499, 183	839, 223	2, 150, 068
Arkansas.....	.....	.....	.....	200, 000	.....	.....	1, 900	200, 000	.....	15, 000
California.....	.....	.....	.....	163, 470	.....	.....	1, 083	182, 280	.....	634, 725
Illinois.....	.....	.....	4, 420	41, 375	149, 604	88, 555	310	59, 850	173, 160	112, 710
Iowa.....	125	650	225	454, 288	.....	196, 903	4, 397	642, 831	.....	349, 040
Missouri.....	3, 994	8, 076	9, 226	557, 902	.....	.....	4, 083	894, 000	.....	.....
Nevada.....	1, 190	7, 700	.....	.....	.....	.....	.....	.....	.....	2, 000
New Hampshire.....	.....	.....	117, 600	916, 350	.....	.....	6, 336	970, 500	.....	.....
New York.....	.....	.....	.....	.....	.....	11, 500	.....	.....	.....	27, 000
Pennsylvania.....	.....	.....	.....	22, 700	.....	3, 280	252	43, 720	.....	37, 000
Virginia.....	300	1, 200	1, 500	450, 929	574, 693	847, 904	3, 154	514, 402	666, 062	971, 993
Wisconsin.....	1, 392	7, 320	1, 609	.....	.....	.....	.....	.....	.....	.....

TABLE X.—LEATHER, TANNED—1870.

STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.		WAGES.	
		Horse-power.	Number.	Horse-power.	Number.	ALL	Males above 16.	Females above 15.	Youth.	Dollars.		Dollars.	
The United States	4,237	19,572	1,045	14,202	855	20,784	20,423	98	263	42,720,505		7,934,416	
Alabama.....	83	18	2	35	2	181	168	5	8	146,171		32,688	
Arkansas.....	21					34	33		1	21,925		3,085	
Connecticut.....	39	50		279	17	158	156	2		324,650		66,302	
California.....	43	113	8	2	1	207	204	2	1	322,550		92,411	
Delaware.....	10	63	3			85	75	8	2	227,000		35,223	
District of Columbia.....	2	38	2			25	25			75,000		8,700	
Florida.....	3					11	11			8,000		3,500	
Georgia.....	100	62	4	79	8	190	184	1	5	113,333		29,031	
Illinois.....	53	529	23	5	1	418	415	1	2	826,750		203,315	
Indiana.....	197	535	31	5	1	514	503	2	9	875,740		142,469	
Iowa.....	17	3	1			32	32			23,350		4,200	
Kansas.....	3					6	6			3,150		1,000	
Kentucky.....	100	237	15	1	1	293	282	1	10	566,424		76,668	
Louisiana.....	7					16	16			13,600		2,250	
Maine.....	123	552	29	1,313	85	781	772	1	8	1,600,740		255,632	
Maryland.....	69	271	21	35	3	281	275	3	3	792,430		94,160	
Massachusetts.....	138	1,584	75	478	37	1,424	1,416		8	3,130,850		756,467	
Michigan.....	99	838	47	189	9	478	474	1	3	897,047		162,150	
Minnesota.....	7	4	1			20	20			25,200		8,705	
Mississippi.....	31			5	1	65	63		2	31,025		8,377	
Missouri.....	50	115	4			104	162		2	135,242		78,528	
New Hampshire.....	72	375	21	225	53	410	408		2	875,800		160,109	
New Jersey.....	67	385	27	110	10	67	571	31	15	1,273,387		247,700	
New York.....	624	5,384	239	7,066	368	6,064	6,065	8	51	13,286,940		2,649,632	
North Carolina.....	131	54	5	52	8	189	183		6	99,642		19,533	
Ohio.....	495	1,622	106	94	7	1,265	1,239		26	2,171,108		379,178	
Oregon.....	14	10	1	23	4	38	38			35,700		12,125	
Pennsylvania.....	890	5,341	294	2,164	132	4,650	4,559	25	66	11,800,046		1,683,479	
Rhode Island.....	8	135	5	27	2	101	101			283,000		47,400	
South Carolina.....	34			43	7	72	70		2	24,125		8,099	
Tennessee.....	209	230	9	66	8	453	440	2	11	451,097		87,619	
Texas.....	34					62	61		1	37,476		7,920	
Utah.....	22			21	3	39	36		3	34,000		8,200	
Vermont.....	56	200	11	979	69	321	317	4		620,743		114,415	
Virginia.....	172	73	5	105	7	313	317		6	211,790		43,997	
West Virginia.....	104	185	13	31	4	220	213	1	6	362,890		47,451	
Washington.....	5			20	2	10	10			10,550		3,525	
Wisconsin.....	85	566	40	31	5	577	573		4	906,184		229,010	

TABLE X.—LEATHER, TANNED—1870—Continued.

STATES AND TERRITORIES.	MATERIALS.						PRODUCTS.		
	Bark.		Hides.	Skins.	All other materials.	All materials.	Leather.	Skins.	All products.
	Cords.	Dollars.	Number.	Number.	Dollars.	Dollars.	Sides.	Number.	Dollars.
The United States	1,255,346	9,089,303	8,788,752	9,664,148	1,631,234	63,069,401	17,577,404	9,794,148	86,169,883
Alabama.....	5,236	22,353	40,685	10,441	4,634	137,300	81,370	10,441	239,386
Arkansas.....	771	3,474	7,542	2,120	580	23,325	15,084	2,120	42,528
Connecticut.....	5,293	40,385	20,723	648,956	11,406	580,747	41,416	648,956	732,625
California.....	6,214	72,672	79,703	198,063	11,598	480,411	159,406	198,063	751,046
Delaware.....	1,161	18,079	18,227	81,425	18,999	171,746	36,454	81,425	244,893
District of Columbia.....	1,100	15,200	9,500	3,000	1,072	80,772	19,000	3,000	134,475
Florida.....	125	1,100	2,400	200	150	8,000	4,600	200	13,600
Georgia.....	5,463	26,555	48,307	11,866	6,634	192,821	96,614	11,866	283,960
Illinois.....	21,637	191,179	230,255	265,425	27,270	1,492,078	460,510	265,425	2,013,774
Indiana.....	21,413	162,914	151,693	108,575	10,912	905,347	303,208	108,575	1,310,242
Iowa.....	842	4,231	4,715	14,218	1,544	35,577	9,430	14,218	50,139
Kansas.....	230	1,840	2,152	640	585	9,994	4,304	640	11,928
Kentucky.....	13,240	132,092	115,396	88,002	13,293	741,192	230,702	88,002	1,009,906
Louisiana.....	359	2,172	3,500	500	442	15,585	7,000	500	27,250
Maine.....	63,470	428,407	432,300	669,850	96,889	3,021,127	864,000	669,850	3,779,227
Maryland.....	17,524	161,298	98,901	53,308	7,413	926,406	107,802	53,308	1,263,388
Massachusetts.....	76,132	1,047,145	1,253,507	288,864	472,010	8,025,578	2,507,014	288,864	9,984,497
Michigan.....	26,199	172,614	163,181	572,338	27,501	1,107,876	326,362	572,338	1,606,311
Minnesota.....	2,485	8,462	7,991	1,413	1,970	53,815	15,082	7,991	76,242
Mississippi.....	1,638	6,552	32,275	6,276	452	80,756	64,550	6,276	129,407
Missouri.....	3,050	22,035	35,582	70,047	13,729	252,359	71,164	35,582	463,452
New Hampshire.....	22,029	202,175	195,268	156,814	14,801	1,566,950	390,536	195,268	1,965,576
New Jersey.....	25,951	268,717	210,447	510,472	135,755	2,444,205	420,894	510,472	3,110,637
New York.....	467,060	2,685,069	2,615,442	4,035,624	371,581	19,118,186	5,230,884	4,065,524	26,988,320
North Carolina.....	4,491	16,373	41,586	7,492	4,709	124,619	83,172	7,492	184,113
Ohio.....	54,208	471,039	401,674	390,124	60,927	2,768,493	803,748	390,124	3,714,232
Oregon.....	1,265	7,440	9,850	6,300	593	43,388	19,700	6,300	73,555
Pennsylvania.....	322,119	2,360,587	1,898,760	993,002	181,240	13,904,036	3,617,520	993,002	19,838,323
Rhode Island.....	375	5,750	100,300	96,304	63,624	673,344	200,000	96,304	741,103
South Carolina.....	911	3,908	13,124	4,241	1,096	48,070	20,248	4,241	53,778
Tennessee.....	16,132	86,185	137,240	69,485	11,740	660,335	274,480	69,485	924,497
Texas.....	1,149	5,047	13,655	2,848	2,395	36,429	27,210	2,848	60,524
Utah.....	404	6,597	7,457	2,447	551	24,358	14,914	2,447	49,964
Vermont.....	16,497	121,257	138,631	117,953	20,847	967,840	277,262	117,953	1,249,942
Virginia.....	8,930	58,206	70,549	19,232	8,703	331,138	141,098	19,232	462,149
West Virginia.....	9,858	72,480	59,135	29,173	2,940	374,292	118,270	59,135	527,016
Washington.....	415	4,110	2,950	3,186	56	12,764	5,900	3,186	24,465
Wisconsin.....	20,867	165,618	204,039	123,824	16,584	1,478,142	408,078	123,824	2,013,093

TABLE X.—LEATHER, CURRIED—1870.

STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGES. Dollars.
		Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 13.	Youth.		
The United States	3,083	2,992	174	887	55	10,027	9,907	57	63	12,303,785	4,154,114
Alabama	58			15	1	97	94	2	1	60,598	15,340
Arkansas	14					18	18			10,175	1,275
Connecticut	30	8	1	20	1	66	66			86,900	25,745
California	27	36	2			55	53	1	1	110,950	19,373
Delaware	7	43	3			70	52	9	9	96,024	34,323
Georgia	80	10	1	20	2	126	126			72,924	18,727
Illinois	44	39	3			334	334			386,550	109,129
Indiana	156	147	10			319	315		4	303,810	84,981
Iowa	16					20	20			13,775	2,065
Kansas	3					5	5			3,150	1,000
Kentucky	83	40				155	154		1	157,916	41,848
Louisiana	2					2	2			2,400	
Maine	76	109	2	126	8	219	216		3	235,209	64,244
Maryland	50	15	2			163	161	1	1	238,145	53,131
Massachusetts	196	1,350	99	85	8	3,194	3,168	11	15	3,163,076	1,812,032
Michigan	73	88	5	5		249	248	1		305,493	69,799
Minnesota	5	4	1			10	10			9,200	2,365
Mississippi	25			9	2	36	36			19,575	4,916
Missouri	30					76	76			54,008	35,297
New Hampshire	42	30	1	96	7	219	219			312,600	109,509
New Jersey	61	48	2	20		279	278		1	658,600	220,314
New York	325	272	12	219	12	1,011	989	15	7	1,639,388	439,253
North Carolina	101	4		14		119	119			60,180	12,297
Ohio	387	210	6			796	785	3	8	1,057,733	251,413
Oregon	10					21	21			11,700	6,575
Pennsylvania	558	254	13	20	1	1,080	1,067	7	6	1,830,461	298,981
Rhode Island	6					112	112			263,000	61,045
South Carolina	31			27	1	55	53	2		16,075	5,297
Tennessee	126	65	2	2		309	306		3	249,568	62,656
Texas	23					28	28			17,367	4,015
Utah	15					17	17			10,700	3,115
Vermont	64	56	3	179	12	137	137			156,300	44,730
Virginia	146	13	2			194	193		1	90,094	18,692
West Virginia	74	37	2			108	106		2	93,489	21,438
Washington	5					6	6			6,450	1,175
Wisconsin	70	114	2			322	317	5		407,206	126,789

TABLE X.—LEATHER, CURRIED—1870—Continued.

STATES AND TERRITORIES.	MATERIALS.								PRODUCTS.		
	Leather.		Oil.		Skins.		All other materials.	All ma- terials.	Leather.	Skins.	All pro- ducts.
	Sides.	Dollars.	Gallons.	Dollars.	Number.	Dollars.	Dollars.	Dollars.	Sides.	Number.	Dollars.
The United States	9,133,330	33,784,271	2,089,754	1,642,495	4,084,980	6,833,215	1,305,612	43,565,593	9,133,330	4,084,980	54,191,167
Alabama	48,572	110,083	3,113	3,387	7,247	12,406	478	126,354	48,572	7,247	172,949
Arkansas	10,811	24,616	815	855	1,940	3,740	241	29,432	10,811	1,940	40,493
Connecticut	31,550	145,012	9,217	7,979	23,215	70,419	6,458	230,768	31,550	23,215	291,691
California	84,862	302,872	18,187	10,332	25,463	40,010	2,529	357,743	84,862	25,463	433,878
Delaware	43,530	213,289	3,300	2,713	1,423	7,258	2,124	235,884	43,530	1,423	279,962
Georgia	76,545	195,655	7,223	7,320	11,630	21,521	1,476	225,979	76,545	11,630	238,546
Illinois	415,898	1,436,631	89,997	65,232	87,065	228,621	14,795	1,748,299	415,898	87,065	2,134,389
Indiana	224,888	789,286	41,956	35,187	63,747	88,263	6,042	909,778	224,888	63,747	1,151,367
Iowa	6,310	17,426	1,945	2,168	10,095	14,437		34,621	6,310	10,095	41,310
Kansas	4,304	10,853	470	505	640	1,075		12,433	4,304	640	14,499
Kentucky	143,248	522,305	15,275	14,442	9,127	17,374	2,684	556,805	143,248	9,127	623,668
Louisiana	800	1,690	95	95				1,695	800		2,200
Maine	200,713	709,293	54,254	36,407	62,135	143,780	5,382	894,682	200,713	62,135	1,082,554
Maryland	91,142	367,685	17,731	14,102	46,164	100,365	11,923	494,075	91,142	46,164	623,908
Massachusetts	3,370,319	11,674,783	945,320	645,027	1,055,087	1,722,583	924,527	14,969,920	3,370,319	1,055,087	19,211,350
Michigan	163,507	651,034	41,730	33,784	238,030	132,038	13,504	833,380	163,507	238,030	1,064,297
Minnesota	5,682	20,037	1,480	1,610	2,453	4,255	30	25,332	5,682	2,453	30,765
Mississippi	53,900	92,448	2,740	2,803	5,176	8,360		103,011	53,900	5,176	133,316
Missouri	55,190	174,988	17,171	17,490	64,549	83,897	1,500	277,875	55,190	64,549	371,450
New Hampshire	248,436	986,743	70,704	59,927	116,462	361,760	29,989	1,438,419	248,436	116,462	1,720,520
New Jersey	357,625	2,158,637	129,722	105,151	48,020	117,968	63,014	2,444,170	357,625	48,020	2,932,401
New York	865,178	3,504,397	158,922	131,338	1,028,850	1,473,955	76,804	5,186,494	865,178	1,028,850	6,310,222
North Carolina	59,345	122,954	5,777	5,895	6,364	11,034	888	140,771	59,345	6,364	160,195
Ohio	733,380	2,381,644	148,468	137,467	210,882	380,510	33,597	2,933,218	733,380	210,882	3,532,100
Oregon	14,350	40,660	2,636	2,590	6,200	11,145	610	55,005	14,350	6,200	73,683
Pennsylvania	728,578	3,304,244	139,953	130,783	518,439	993,743	50,665	4,479,454	728,578	518,439	5,429,639
Rhode Island	158,350	596,520	15,750	17,863	132,304	170,783	8,788	793,954	158,350	132,304	1,087,161
South Carolina	17,830	49,656	1,471	1,563	4,034	6,615	321	58,155	17,830	4,034	20,217
Tennessee	217,659	607,989	20,025	20,008	63,575	106,000	3,093	737,070	217,659	63,575	922,641
Texas	20,821	35,467	1,138	1,189	2,585	3,943	60	40,659	20,821	2,585	57,327
Utah	10,745	20,306	1,129	2,107	2,090	6,220	362	34,165	10,745	2,090	41,639
Vermont	126,155	464,957	29,361	24,456	70,913	127,789	1,843	610,045	126,155	70,913	762,571
Virginia	88,407	224,171	9,445	8,889	13,345	24,397	2,495	259,952	88,407	13,345	328,294
West Virginia	54,723	211,205	7,143	7,587	20,627	31,748	1,846	252,386	54,723	20,627	313,220
Washington	5,175	16,950	865	888	3,062	5,249	310	23,397	5,175	3,062	20,932
Wisconsin	394,637	1,610,545	78,180	69,356	122,089	293,065	37,124	2,010,090	394,637	122,089	2,360,347

TABLE X.—LUMBER SAWED*—1870-1860.

STATES AND TERRITORIES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		SAWS.	HANDS EMPLOYED.						
	1870	1860	1870		1870		1870	1870				1860		
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Number.	All.	Males above 16.	Females above 16.	Youth.	All.	Male.	Female.
The United States	25, 832	20, 657	314, 884	11, 204	326, 781	16, 562	63, 197	149, 997	146, 047	682	3, 268	75, 862	75, 171	691
1 Alabama.....	284	339	3, 091	110	1, 918	120	381	1, 428	1, 411	8	9	1, 686	1, 643	43
2 Arizona.....	1	.....	10	1	.....	.....	1	16	16	.....	.....	.....	.....	.....
3 Arkansas.....	211	178	3, 144	123	322	24	245	1, 107	1, 075	6	26	969	946	23
4 California.....	291	295	6, 796	184	3, 009	122	723	4, 077	4, 059	12	6	1, 924	1, 920	4
5 Colorado.....	32	.....	494	22	206	11	63	218	217	1	.....	.....	.....	.....
6 Connecticut.....	393	208	434	15	6, 905	381	767	908	908	.....	.....	311	311	.....
7 Dakota.....	10	.....	248	9	25	2	13	68	66	.....	2	.....	.....	.....
8 Delaware.....	80	71	816	32	795	50	131	311	308	.....	3	176	176	.....
9 District of Columbia.....	1	1	120	1	.....	.....	2	15	10	.....	5	4	4	.....
10 Florida.....	104	87	2, 487	69	167	15	219	1, 116	1, 091	2	23	1, 222	1, 176	46
11 Georgia.....	532	412	5, 073	187	4, 786	336	787	2, 976	2, 913	11	52	1, 882	1, 849	33
12 Idaho.....	10	.....	83	4	78	6	11	47	47	.....	.....	.....	.....	.....
13 Illinois.....	511	463	12, 382	455	506	22	777	3, 100	3, 059	2	39	1, 798	1, 783	15
14 Indiana.....	1, 861	1, 331	34, 696	1, 468	5, 393	299	2, 738	9, 446	9, 097	7	342	3, 631	3, 626	5
15 Iowa.....	545	561	12, 758	401	2, 593	121	1, 595	3, 782	3, 563	17	202	1, 762	1, 761	1
16 Kansas.....	195	124	3, 853	154	597	22	270	1, 161	1, 153	1	7	497	497	.....
17 Kentucky.....	562	482	9, 443	378	1, 779	101	751	2, 497	2, 425	13	59	1, 665	1, 651	14
18 Louisiana.....	152	161	3, 350	134	33	7	197	1, 054	1, 038	2	14	1, 039	1, 004	35
19 Maine.....	1, 099	926	3, 213	76	38, 898	1, 060	4, 658	8, 506	8, 463	2	41	4, 969	4, 964	5
20 Maryland.....	391	187	2, 373	98	3, 686	273	532	1, 245	1, 229	.....	16	377	371	6
21 Massachusetts.....	644	611	2, 019	64	13, 910	697	1, 649	2, 291	2, 266	.....	25	1, 408	1, 407	1
22 Michigan.....	1, 571	986	41, 216	1, 137	12, 448	547	7, 052	20, 058	19, 252	63	743	6, 980	6, 859	121
23 Minnesota.....	207	163	4, 539	114	3, 831	119	1, 012	2, 952	2, 899	14	39	1, 175	1, 172	3
24 Mississippi.....	265	229	5, 666	192	419	48	391	1, 954	1, 907	15	32	1, 441	1, 429	12
25 Missouri.....	806	548	14, 697	580	1, 797	87	1, 017	3, 900	3, 789	11	100	1, 733	1, 732	21
26 Montana.....	31	.....	165	11	368	20	40	161	161	.....	.....	.....	.....	.....
27 Nebraska.....	50	46	648	30	358	18	50	202	202	.....	.....	155	155	.....
28 Nevada.....	18	.....	200	11	315	9	48	324	324	.....	.....	.....	.....	.....
29 New Hampshire.....	723	567	1, 928	63	21, 101	996	2, 069	3, 398	3, 379	7	12	1, 195	1, 195	.....
30 New Jersey.....	285	268	1, 318	36	4, 655	262	656	1, 145	1, 122	.....	23	591	591	.....
31 New Mexico.....	12	9	48	2	153	10	15	63	63	.....	.....	42	42	.....
32 New York.....	3, 510	3, 033	20, 042	720	73, 837	3, 600	12, 466	15, 409	14, 720	44	645	8, 798	8, 788	10
33 North Carolina.....	523	349	3, 517	134	4, 535	341	681	2, 361	2, 329	3	29	1, 354	1, 330	24
34 Ohio.....	2, 230	1, 911	36, 723	1, 628	9, 690	580	3, 177	8, 237	8, 046	12	179	4, 327	4, 316	11
35 Oregon.....	165	126	1, 045	40	2, 916	137	264	692	686	2	4	378	372	6
36 Pennsylvania.....	3, 739	3, 078	33, 259	1, 096	55, 553	3, 136	8, 759	17, 427	17, 278	15	134	9, 419	9, 379	40
37 Rhode Island.....	81	26	321	14	1, 168	66	115	204	194	1	9	79	79	.....
38 South Carolina.....	227	361	2, 315	82	1, 729	114	375	1, 212	1, 183	1	28	1, 263	1, 255	8
39 Tennessee.....	702	546	7, 357	300	4, 222	291	909	2, 910	2, 868	7	35	1, 867	1, 847	20
40 Texas.....	324	194	4, 710	225	605	31	390	1, 750	1, 714	15	21	1, 211	1, 140	71
41 Utah.....	95	28	285	16	823	75	123	541	538	.....	3	80	80	.....
42 Vermont.....	637	415	1, 567	37	19, 731	782	1, 552	2, 782	2, 761	6	15	939	929	10
43 Virginia.....	605	784	4, 329	198	6, 038	379	741	2, 283	2, 254	16	13	2, 139	2, 119	20
44 Washington.....	46	33	1, 046	26	733	24	179	474	474	.....	.....	653	649	4
45 West Virginia.....	343	.....	3, 495	144	2, 572	185	453	1, 515	1, 484	3	28	.....	.....	.....
46 Wisconsin.....	720	520	16, 119	377	11, 668	427	4, 127	12, 461	11, 795	362	304	4, 703	4, 624	79
47 Wyoming.....	8	.....	151	6	.....	.....	8	213	211	1	1	.....	.....	.....

* Including shingles, staves, &c., shaved.

TABLE X.—LUMBER SAWED—1870-1860—Continued.

CAPITAL.		WAGES.		MATERIALS.		PRODUCTS.					
1870	1860	1870	1860	1870	1860	1870					1860
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Laths.	Lumber.	Shingles.	Staves, shakes, headings, &c.	All products.	All products.
143,493,232	74,530,090	40,009,162	21,702,265	103,343,430	44,551,703	Thousand. 1,295,091	M. feet. 12,755,543	Thousand. 3,265,516	Dollars. 10,473,681	Dollars. 210,159,327	Dollars. 96,715,854
744,005	1,756,947	357,195	488,268	520,513	692,027	1,115	97,192	1,422	18,341	1,359,083	1,875,628
5,000		6,000		1,600			1,200			10,000	
694,400	583,690	255,186	293,716	546,059	303,157	2,200	78,692	4,747		1,344,403	1,158,902
3,856,440	1,948,327	1,620,626	1,474,526	1,986,110	1,215,254	2,877	318,817	103,547	94,580	5,227,064	4,003,431
132,700		78,711		117,075		2,710	13,025	3,675		324,370	
775,391	386,800	242,990	89,778	940,665	377,580	813	56,482	15,510	16,451	1,541,038	589,456
37,400		14,256		32,772			3,894			73,280	
290,424	247,760	70,823	48,132	229,856	154,500	100	18,858		56,356	405,041	276,161
1,500	20,000	1,800	1,080	20,000	17,000				30,000	30,000	21,125
755,090	1,282,000	421,820	316,292	1,163,238	541,531	1,400	158,624			2,235,780	1,476,045
1,718,473	1,644,217	667,628	442,428	1,616,527	1,212,767	1,883	245,141	1,560		4,044,375	2,429,196
50,750		17,924		20,177			1,490	400		59,850	
2,542,530	1,446,088	817,212	497,280	2,163,655	1,123,237	13,650	245,910	40,028	123,205	4,546,769	2,681,295
5,975,746	2,544,538	1,901,612	1,001,034	5,563,985	1,734,483	11,202	656,400	73,707	1,456,233	12,324,755	4,452,114
3,925,001	1,662,535	995,962	478,080	3,302,782	1,071,285	47,884	325,285	97,928	97,775	5,704,285	2,185,206
642,955	395,940	282,062	204,920	822,028	538,882	320	74,163	12,108	6,814	1,736,381	1,563,487
1,724,686	1,405,835	482,083	430,080	1,895,591	990,031	8,050	214,074	13,573	142,675	3,662,086	2,495,820
541,800	1,213,726	284,953	280,956	519,938	548,047	8	76,459		6,668	1,212,037	1,575,905
6,614,875	4,401,482	2,449,132	1,453,739	6,872,723	4,504,368	266,889	639,167	364,201	1,263,613	11,395,747	7,167,760
1,055,600	472,800	259,551	101,208	674,858	239,808	5,849	96,165	3,669	64,477	1,501,471	609,044
2,054,829	1,419,473	569,300	421,548	2,065,375	1,570,362	873	197,377	36,486	391,838	3,556,870	2,353,153
26,990,450	7,735,780	6,400,283	1,895,102	14,347,661	3,425,613	304,054	2,251,613	658,741	1,332,922	31,946,396	7,303,404
3,311,140	1,349,620	880,028	371,988	2,193,965	603,095	40,768	242,390	127,813	88,861	4,299,162	1,257,603
1,153,917	1,049,910	580,056	436,116	828,793	653,157	651	160,584	5,500		2,160,667	1,832,227
3,241,670	1,809,725	1,031,513	477,372	3,428,235	1,398,564	12,970	329,676	10,442	104,236	6,362,112	3,085,026
146,009		80,965		172,098		400	12,571	2,356	546	430,957	
152,200	127,800	47,102	43,648	118,975	113,750		13,824	900		278,205	335,340
193,500		153,930		135,450		75	35,025	700		432,500	
2,428,193	1,185,126	725,304	341,160	2,471,427	702,111	10,383	253,434	52,225	324,959	4,286,142	1,293,706
2,238,900	1,163,100	369,835	188,752	1,612,802	942,706	3,167	101,829	3,624	135,066	2,745,317	1,623,100
47,100	45,100	35,425	14,520	40,083	12,950		6,909			121,225	45,150
15,110,981	7,931,708	3,438,601	2,369,720	11,228,613	5,531,704	87,999	1,310,066	372,183	1,646,811	21,238,228	10,597,595
1,175,950	941,880	379,611	296,952	970,204	510,379	1,530	124,038	13,217	123,990	2,000,243	1,176,013
6,191,679	3,708,153	1,535,909	1,209,386	5,038,678	2,521,481	15,238	557,237	59,632	1,004,669	10,235,180	5,279,883
913,262	430,400	261,785	210,312	358,273	189,925	7,346	75,193		11,086	1,014,211	690,068
24,804,304	10,978,464	5,261,576	2,485,103	14,940,096	5,211,990	95,592	1,629,631	275,273	766,995	28,938,925	10,994,060
161,200	66,000	39,826	21,828	157,079	46,027		12,732	5,119	6,500	257,258	76,114
583,425	1,145,116	209,806	219,361	581,499	408,290	2,500	95,098	1,200	450	1,197,005	1,125,040
1,622,741	1,492,013	578,364	435,536	1,446,782	880,595	5,370	204,751	11,337	14,365	3,390,687	2,228,503
870,491	1,278,080	390,149	365,076	644,274	530,545	623	106,897	30,209		1,960,851	1,754,206
338,500	151,056	139,523	46,460	266,047	61,973	1,138	19,741	8,061	120	661,431	145,505
2,872,451	862,060	720,925	244,551	1,731,516	477,798	6,672	241,687	28,502	217,293	3,525,122	928,541
970,386	1,292,880	343,823	464,182	860,949	911,714	4,258	144,225	614	8,225	2,111,055	2,218,062
1,285,292	1,168,000	388,830	383,130	580,259	424,671	17,000	128,743	10,450	1,500	1,307,585	1,104,360
981,950		349,368		682,180		107,871	76,375	5,600	295,470	1,478,399	
11,448,545	5,785,355	3,755,089	1,227,385	7,422,666	2,067,816	102,663	1,098,199	806,807	620,561	15,130,719	4,616,430
110,500		104,500		99,000			3,260	750		268,000	

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—MACHINERY—1870-1860.

STATES AND TERRITORIES.		ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.						CAPITAL.		
		1870	1860	1870		1870		1870				1860		1870	1860	
		Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	Dollars.	Dollars.
The United States..		2,897	1,383	37,673	1,805	10,709	517	83,514	51,782	433	1,299	41,172	40,721	451	101,183,597	35,959,068
1	Alabama.....	13	16	160	6	60	4	204	199	2	3	368	368		393,870	417,510
2	Arkansas.....	3	2	22	1			14	14			17	17		13,000	25,000
3	California.....	47	22	801	38	24	2	1,070	1,042		28	357	357		1,375,650	752,500
4	Connecticut.....	108	57	1,424	56	728	40	2,770	2,720	41	9	1,289	1,241	48	4,342,641	1,229,000
5	Delaware.....	8	6	192	9			470	453		17	332	332		505,000	230,000
6	District of Columbia.....	3	4	23	2			22	22			113	113		44,000	35,200
7	Florida.....	8	2	33	3			102	102			55	55		255,800	25,000
8	Georgia.....	42	24	522	22	173	7	1,009	965	4	40	676	676		806,700	1,227,400
9	Illinois.....	131	38	2,410	89	117	8	4,703	4,639	5	59	1,098	1,098		5,476,200	1,072,700
10	Indiana.....	98	37	1,493	58	127	4	2,667	2,592		15	983	983		2,827,092	606,999
11	Iowa.....	50	15	379	30	22	2	600	596		4	241	241		399,946	216,900
12	Kansas.....	8	1	142	9			841	835		6	25	25		189,514	12,000
13	Kentucky.....	29	15	470	19			2,766	2,756	5	5	635	635		830,150	71,300
14	Louisiana.....	20	18	350	16			520	519		10	824	824		640,150	608,000
15	Maine.....	70	43	536	31	550	27	1,345	1,315	25	5	1,057	1,025	32	1,757,886	645,500
16	Maryland.....	29	16	358	24	15	2	684	671		13	1,665	1,665		897,700	1,324,300
17	Massachusetts.....	340	191	3,362	210	2,203	99	8,900	8,573	219	108	4,530	4,395	135	9,597,850	3,542,905
18	Michigan.....	105	41	957	57	61	6	1,311	1,296	2	13	726	726		1,638,979	1,390,233
19	Minnesota.....	21		133	10	238	5	732	732						521,621	
20	Mississippi.....	14	8	195	7			153	152		1	404	404		190,825	967,000
21	Missouri.....	51	28	841	39			1,892	1,669		133	1,368	1,368		2,355,386	1,123,400
22	Montana.....	1						2	2						22,000	
23	Nebraska.....	6		185	3			705	705						372,810	
24	Nevada.....	6		8	1			71	71						57,000	
25	New Hampshire.....	77	48	709	20	1,108	54	1,994	1,939	23	32	685	648	37	1,438,100	362,800
26	New Jersey.....	162	55	1,437	68	486	27	5,154	5,116		33	1,700	1,709		6,667,300	1,218,000
27	New York.....	457	203	4,702	272	2,534	117	11,931	11,385	13	233	7,508	7,484	24	14,096,730	5,969,603
28	North Carolina.....	17	6	139	7	10		226	226		5	142	142		170,150	450,846
29	Ohio.....	233	135	3,798	166	554	25	6,500	6,398	7	95	3,687	3,687		8,732,789	2,049,800
30	Oregon.....	8	5	79	8			55	53		2	31	31		72,000	43,000
31	Pennsylvania.....	477	198	8,076	371	311	18	17,690	17,314	54	322	6,061	6,022	39	26,068,125	4,536,125
32	Rhode Island.....	74	57	1,189	35	387	15	3,199	3,117	25	57	1,983	1,850	133	3,696,260	1,357,600
33	South Carolina.....	21	8	231	9	20	1	415	403		13	377	377		443,702	784,000
34	Tennessee.....	43	9	734	25	10		522	516		6	659	659		591,512	313,200
35	Texas.....	11	4	142	6			123	121		2	99	99		137,550	187,000
36	Utah.....	4	1			4		31	31			15	15		31,800	5,000
37	Vermont.....	48	27	239	8	689	41	678	670	8		380	377	3	1,034,038	1,035,200
38	Virginia.....	28	20	223	15	124	3	523	501		22	864	864		714,727	417,047
39	West Virginia.....	15		274	12			355	353						355,500	
40	Wisconsin.....	66	23	611	38	104	9	818	817		1	213	213		691,021	287,400
41	Wyoming.....	5		94	5			188	188						590,500	

TABLE X.—MACHINERY—1870-1860—Continued.

STATES AND TERRITORIES.	PRODUCTS.														
	1870														
	Saw-mills.	Sugar-mills.	Iron planers.	Cotton gins and presses.	Printing-presses.	Tobacco machines and presses.	Steam-pumps.	Oil-tanks.	Water-wheels.	Wood-work-ing.	Boat and shoe, miscellaneous.	Miscellaneous and repairing.	Bobbins and spools.	Cards.	Hand-cards.
The United States..	No. 2,456	No. 1,294	No. 178	No. 6,060	No. 1,335	No. 1,460	No. 6,522	No. 822	No. 2,206	No. 13,744	Dollars. 559,630	Dollars. 80,444,614	Gross. 2,053,822	No. 1,340	Doz. 44,264
Alabama.....				862								331,765			
Arkansas.....				19								13,100			
California.....	23						371		8	4		2,367,217			
Connecticut.....				2,000	206		4,119		40	200		3,219,031	2,000		
Delaware.....	1		14							3		280,674			
District of Columbia.....												91,500			
Florida.....												90,500			
Georgia.....	14	500		528								1,277,607			
Illinois.....	6				35					107		4,753,456			
Indiana.....	284	204								95		2,046,586			
Iowa.....	4	146										648,198			
Kansas.....												609,187			
Kentucky.....	80											913,987			
Louisiana.....	75	34		178								446,718			
Maine.....												1,100,742	1,768,000		
Maryland.....												583,811			
Massachusetts.....	45		101	1,353			651			1,432	431,130	6,249,449	132,045	1,103	44,264
Michigan.....										60		1,768,515	5,556		
Minnesota.....												1,131,013			
Mississippi.....	1											222,530			
Missouri.....	204											1,779,416			
Montana.....															
Nebraska.....												807,423			
Nevada.....												274,700			
New Hampshire.....	15		27							148		1,386,072	105,171		5,000
New Jersey.....										8	4,048	3,342,443	16,732		
New York.....	689			250	1,094		959		243	1,364	128,500	12,964,711		27	
North Carolina.....												183,498	690		
Ohio.....	793						300		850	1,678		6,387,502			
Oregon.....												132,360			
Pennsylvania.....							129	156	56	803		20,096,852			
Rhode Island.....			6					660				1,536,616	7,300	207	
South Carolina.....				161								355,297			
Tennessee.....		320		233								480,255	28		
Texas.....	16			456								50,450			
Utah.....												27,490			
Vermont.....	110		30						321	3,830		737,020	16,300		
Virginia.....						160			2			480,182			
West Virginia.....	3					1,300		6				288,543		3	
Wisconsin.....	34									60		875,229			
Wyoming.....												123,569			

TABLE X.—MACHINERY—1870-1860.

[illegible]

TABLE X.—MACHINERY—1870-1860—Continued.

[illegible]

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—MUSICAL INSTRUMENTS—1870.

STATES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGES. Dollars.	MATERIALS. Dollars.
		Number.	Horse-power.	Number.	Horse-power.	All.	Males above 16.	Females above 15.	Youth.			
The United States.....	337	1,559	72	459	28	7,167	7,001	68	98	9,554,761	5,107,291	4,834,552
Alabama.....	1					1	1			50		500
California.....	3					5	5			5,100	2,000	4,322
Connecticut.....	19	95	4	108	6	299	278	21		511,000	202,563	527,411
Illinois.....	13	80	2			170	168	1	1	201,800	119,526	80,200
Indiana.....	3	60	2			59	59			130,000	47,800	54,500
Iowa.....	3					5	5			3,600	1,700	1,350
Kentucky.....	2	10	1			51	48		3	55,000	28,000	28,000
Louisiana.....	2					5	5			325	1,800	500
Maine.....	9			13	2	31	31			24,250	11,550	17,387
Maryland.....	9	50	1			384	377		7	504,000	249,348	317,570
Massachusetts.....	60	550	23	243	14	2,193	2,173	16	4	3,247,436	1,800,082	1,142,394
Michigan.....	12	5				87	86		1	72,550	51,400	50,810
Missouri.....	11					71	67		4	174,400	60,800	66,840
New Hampshire.....	11	10	1	60	4	73	73			36,800	36,850	32,881
New Jersey.....	7	20	1			110	110			82,300	76,437	73,300
New York.....	122	404	26	35	2	2,864	2,767	23	70	3,344,150	1,997,134	1,893,833
Ohio.....	18	42	3			115	114		1	127,650	50,560	84,560
Oregon.....	2					2	2			1,700		350
Pennsylvania.....	32	128	5			409	401	2	6	605,500	228,031	241,714
Rhode Island.....	1	15	1			18	18			20,000	9,000	5,000
Tennessee.....	1	30	1			2	2			150	450	1,150
Vermont.....	2	60	1			204	199	5		302,000	120,200	96,390
Wisconsin.....	1					13	12		1	15,000	12,000	10,000

TABLE X.—MUSICAL INSTRUMENTS—1870—Continued.

STATES.	PRODUCTS.									
	Melodeons.		Pianos.		Church organs.		House organs.		All other products.	All products.
	Number.	Dollars.	Number.	Dollars.	Number.	Dollars.	Number.	Dollars.		
The United States.....	3,247	252,655	24,306	8,225,204	609	913,100	28,963	2,873,923	1,641,026	13,905,908
Alabama.....			24	9,000					1,500	1,500
California.....									1,800	10,800
Connecticut.....	1,231	74,400	325	98,000			2,347	264,324	427,675	864,399
Illinois.....	20	2,200	73	26,600	10	21,200	2,460	264,000	15,200	329,200
Indiana.....			420	190,000					800	190,800
Iowa.....			2	800			5	600	2,500	3,900
Kentucky.....			241	85,000						95,000
Louisiana.....									3,000	3,000
Maine.....	167	11,596					171	21,531	19,700	52,827
Maryland.....			1,624	651,000	7	18,400			5,200	674,600
Massachusetts.....	30	4,500	7,419	2,485,035	345	338,700	12,502	1,075,789	549,770	4,453,794
Michigan.....	35	1,750	12	8,000	5	6,000	1,262	134,200	4,450	154,400
Missouri.....			283	101,100	27	39,500			12,700	153,300
New Hampshire.....	603	34,429					195	17,811	42,420	94,670
New Jersey.....			132	44,500			1,345	140,041	3,200	187,741
New York.....	490	47,155	12,181	4,001,219	191	425,700	4,536	507,645	471,196	5,452,915
Ohio.....	618	71,520	75	24,050	1	2,500	547	59,240	20,315	177,625
Oregon.....									1,800	1,800
Pennsylvania.....			1,497	490,900	15	36,100	232	25,848	56,790	609,638
Rhode Island.....	38	3,230					178	15,770		19,000
Tennessee.....									1,000	1,000
Vermont.....	15	1,875					3,183	347,124		348,999
Wisconsin.....					8	25,000				25,000

TABLE X.—NAILS AND TACKS—1870-1860-1850.

STATES AND TERRITORIES.	ESTABLISHMENTS.			STEAM- ENGINES.	WATER- WHEELS.	HANDS EMPLOYED.												CAPITAL.			
	1870	1860	1850	1870				1870				1860			1850			1870	1860	1850	
	Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.	
The United States.	110	99	87	9,955	91	2,149	56	7,357	5,610	434	1,309	6,878	6,721	157	5,231	5,227	4	8,043,112	5,810,250	4,428,498	
Connecticut	1					10	1	44	28	7	9							50,000			
Delaware	1							2	2									175			
Illinois	1			40	3			138	108		30							93,000			
Indiana	2			422	2			67	62		5							98,000			
Kentucky		1	1										3	3		5	5			300	13,000
Maine	1					30	1	2	2									10,000			
Maryland		1	8																		
Massachusetts	43	40	25	1,562	23	1,289	40	2,213	1,725	329	99	2,203	2,068	135	1,839	1,838	1	1,912,950	1,781,500	1,746,900	
Missouri	1			160				47	32		15				1	1		142,857			100
New Jersey	6	2		928	9	225	4	534	442		92	546	546		20	17	3	537,839	370,000	8,300	
New York	15	15	13	189	6	285	6	464	349	4	111	649	647	2	980	980		415,000	450,950	493,700	
Ohio	6	7	2	957	6			316	211		105	370	370		63	63		751,091	231,900	2,850	
Pennsylvania	27	20	23	2,895	27	115	1	2,030	1,578	22	420	1,648	1,628	20	1,458	1,456		2,049,000	1,883,400	1,594,187	
Rhode Island	4	3	2	462	4	5		179	137	3	39	223	223		222	222		250,200	344,200	209,400	
South Carolina															10	10					15,000
Tennessee	1	1	2	10	1			8	2		6	16	16		9	9		8,000	10,000	7,000	
Utah		3										20	20								15,000
Vermont	1	1	1			20	1	3	3			14	14		6	6		15,000	10,000	6,000	
Virginia	1	5	6			100	2	100	100			1,026	1,030		415	415		125,000	632,000	210,511	
West Virginia	8			2,330	8			1,156	769	9	378							928,000			

TABLE X.—NAILS AND TACKS—1870-1860-1850—Continued.

STATES AND TERRITORIES.	WAGES.			MATERIALS.								PRODUCTS.						
	1870	1860	1850	1870						1860	1850	1870			1860	1850		
	Dollars.	Dollars.	Dollars.	Plate-iron.	Rod-iron.	Bar-iron.	Coal.	All other ma- terials.	All materials.	All materials.	All materials.	Nails.	Tacks.	All other pro- ducts.	All products.	All products.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Dolls.	Dollars.	Dollars.	Dollars.	Tons.	Tons.	Dollars.	Dollars.	Dollars.	Dollars.		
The United States.	3, 731, 099	2, 398, 872	1, 812, 972	230, 225	10, 742	2, 920	99, 718	517, 954	17, 736, 072	6, 069, 195	4, 433, 976	207, 882	13, 853	1, 409, 876	23, 101, 082	9, 857, 223	7, 662, 144	
Connecticut.....	21, 000			45	182		90		23, 000				203		71, 514			
Delaware.....	400				4				425			4			1, 816			
Illinois.....	70, 000			6, 100			5, 000	38, 250	415, 000			6, 000			540, 000			
Indiana.....	37, 767			3, 600			1, 700		250, 000			3, 390			304, 550			
Kentucky.....		1, 080	1, 800							800	2, 500					3, 700	7, 500	
Maine.....	900			191	5		100		16, 300			195			19, 636			
Maryland.....		30, 000	48, 132							90, 600	96, 717					150, 000	224, 100	
Massachusetts.....	903, 230	751, 248	631, 644	37, 192	3, 357		10, 076	214, 596	3, 810, 355	2, 115, 694	1, 739, 993	27, 457	7, 050	574, 706	5, 285, 244	3, 320, 321	2, 760, 874	
Missouri.....	30, 000			192	3, 200		5, 000	2, 000	237, 250			384	3, 000		204, 000		1, 500	
New Jersey.....	256, 675	192, 000	3, 480	10, 706	804		2, 903	55, 211	1, 480, 850	633, 200	12, 003	20, 362	18		1, 760, 812	968, 341	23, 620	
New York.....	177, 209	203, 116	355, 284	4, 652	2, 215	2, 980	3, 100	63, 649	1, 857, 290	566, 495	1, 056, 298	8, 584		73, 170	1, 141, 030	1, 021, 736	1, 872, 962	
Ohio.....	178, 040	118, 572	26, 100	24, 716			2, 574	62, 102	1, 650, 997	209, 241	39, 588	22, 629		41, 191	1, 908, 531	438, 385	68, 254	
Pennsylvania.....	1, 100, 556	615, 276	511, 488	69, 677	3, 000		33, 385	34, 096	4, 826, 239	1, 400, 685	1, 085, 133	57, 834	4, 590	640, 749	6, 291, 636	2, 268, 355	1, 904, 393	
Rhode Island.....	131, 162	90, 900	69, 420	5, 000	87			48, 050	293, 994	199, 600	112, 123	4, 842	45		450, 183	327, 000	223, 650	
South Carolina.....																	20, 000	
Tennessee.....	1, 000	8, 000	1, 584	50			40		3, 000	45, 075	6, 085	50			5, 000	59, 073	10, 937	
Utah.....		11, 440								9, 850						35, 712		
Vermont.....	700	3, 960	1, 800	25			10		1, 875	27, 250	8, 850	25			3, 125	36, 000	10, 836	
Virginia.....	85, 000	368, 280	161, 088	4, 000			50		224, 200	710, 707	274, 052	3, 950			350, 000	1, 222, 000	833, 518	
West Virginia.....	722, 460			52, 071	998		35, 600		3, 689, 207			49, 560	1, 950	80, 000	4, 665, 000			

TABLE X.—OIL, VEGETABLE—1870-1860-1850.

STATES AND TERRITORIES.		ESTABLISHMENTS.			STEAM- ENGINES.	WATER- WHEELS.	HANDS EMPLOYED.									CAPITAL.					
		1870	1860	1850	1870				1870			1860			1850			1870	1860	1850	
		Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.
The United States.		243	169	132	3,391	82	1,011	44	4,179	4,115	21	43	1,247	1,241	6	618	616	2	6,066,981	3,679,555	1,253,170
1	Alabama.....	1	1	1	150	2	.....	.....	37	35	.....	2	10	10	.....	2	2	.....	100,000	110,000	1,000
2	Arkansas.....	1	.....	.....	30	1	.....	.....	15	15	.....	.....	.....	.....	.....	2	2	.....	25,000	.....	500
3	Connecticut.....	1	2	3	.....	30	1	.....	5	5	.....	.....	8	8	.....	7	7	.....	23,500	16,000	15,000
4	Illinois.....	9	.....	11	334	7	40	1	155	150	.....	5	.....	.....	.....	24	24	.....	545,500	.....	15,920
5	Indiana.....	7	2	6	165	5	79	3	75	73	.....	2	16	16	.....	20	20	.....	336,000	30,000	22,600
6	Iowa.....	4	2	.....	125	3	.....	.....	35	35	.....	.....	7	7	.....	.....	.....	.....	142,500	9,000	.....
7	Kentucky.....	1	1	1	20	1	.....	.....	8	8	.....	.....	7	7	.....	12	12	.....	80,000	45,000	25,000
8	Louisiana.....	6	4	.....	128	3	.....	.....	183	173	2	8	94	94	.....	.....	.....	.....	351,350	331,000	.....
9	Maine.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6	.....	.....	.....	30,000
10	Maryland.....	2	3	2	75	2	25	1	43	43	.....	.....	23	23	.....	8	8	.....	145,000	103,100	13,000
11	Massachusetts.....	7	8	2	264	6	.....	.....	92	90	2	.....	124	119	5	59	57	2	261,700	490,000	85,000
12	Michigan.....	45	14	.....	18	1	.....	.....	161	161	.....	.....	36	36	.....	.....	.....	.....	48,200	2,850	.....
13	Minnesota.....	1	.....	.....	75	1	.....	.....	15	15	.....	.....	.....	.....	.....	.....	.....	.....	80,000	.....	.....
14	Mississippi.....	4	.....	.....	305	4	.....	.....	89	89	.....	.....	.....	.....	.....	.....	.....	.....	135,000	.....	.....
15	Missouri.....	1	3	5	100	2	.....	.....	38	38	.....	.....	50	50	.....	95	95	.....	325,000	70,000	106,000
16	New Hampshire.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	7	.....	.....	.....	.....	9,600	.....	.....
17	New Jersey.....	2	4	8	75	4	25	1	45	27	.....	18	28	28	.....	11	11	.....	162,000	203,200	32,100
18	New York.....	79	53	29	349	5	255	8	2,444	2,437	7	.....	405	404	1	115	115	.....	806,815	1,038,545	309,609
19	North Carolina.....	2	7	13	.....	30	2	7	.....	.....	.....	.....	10	10	.....	16	16	.....	4,500	11,400	15,650
20	Ohio.....	27	26	37	421	11	342	15	250	245	2	3	146	146	.....	121	121	.....	1,168,967	350,300	449,700
21	Oregon.....	1	.....	.....	10	1	30	1	6	6	.....	.....	.....	.....	.....	.....	.....	.....	51,439	.....	.....
22	Pennsylvania.....	20	28	7	305	9	89	6	160	159	.....	1	206	206	.....	81	81	.....	748,900	634,360	107,200
23	Rhode Island.....	1	1	.....	85	1	.....	.....	60	56	4	.....	40	40	.....	.....	.....	.....	150,000	150,000	.....
24	South Carolina.....	1	.....	.....	40	1	.....	.....	24	20	.....	4	.....	.....	.....	.....	.....	.....	40,000	.....	.....
25	Tennessee.....	6	1	5	170	4	8	1	165	161	4	.....	17	17	.....	9	9	.....	191,250	60,000	16,600
26	Texas.....	5	.....	.....	120	4	.....	.....	34	34	.....	.....	.....	.....	.....	.....	.....	.....	50,000	.....	.....
27	Utah.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	200	.....	.....
28	Vermont.....	2	2	7	.....	30	1	7	7	7	.....	.....	4	4	.....	10	10	.....	10,200	7,600	9,800
29	Virginia.....	3	2	12	7	3	10	1	9	9	.....	.....	2	2	.....	19	19	.....	2,400	1,000	7,400
30	Wisconsin.....	4	2	1	20	1	18	2	17	17	.....	.....	5	5	.....	1	1	.....	31,700	6,400	1,100

TABLE X.—OIL, VEGETABLE—1870-1860-1850—Continued.

STATES AND TERRITORIES.	PRODUCTS—Continued.															
	1870															
	Linsced.		Oil-cake.		Patent paint-oil.		Peppermint-oil.		Poppy-seed.		Rape-seed.		Resin-oil.		Sassafras.	
	Gallons.	Dollars.	Tons.	Dollars.	Bbls.	Dollars.	Lbs.	Dollars.	Galls.	Dolls.	Gallons.	Dollars.	Gallons.	Dollars.	Lbs.	Dollars.
The United States.	6,819,730	7,239,773	6,750	113,000	60	1,800	26,136	64,130	125	375	11,350	13,870	426,600	195,405	20,200	12,600
1 Alabama.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2 Arkansas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Connecticut.....	5,500	5,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4 Illinois.....	804,444	806,644	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5 Indiana.....	492,846	465,473	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6 Iowa.....	208,000	198,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7 Kentucky.....	60,000	60,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8 Louisiana.....	.....	.....	6,750	113,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 Maine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10 Maryland.....	360,000	330,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11 Massachusetts.....	791,000	715,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	408,880	140,967	.....	.....
12 Michigan.....	16,000	14,400	.....	.....	.....	.....	26,136	64,130	.....	.....	.....	.....	.....	.....	.....	.....
13 Minnesota.....	31,429	31,607	.....	.....	.....	.....	.....	.....	.....	.....	10,000	12,250	.....	.....	.....	.....
14 Mississippi.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15 Missouri.....	160,000	150,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16 New Hampshire.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17 New Jersey.....	8,000	8,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 New York.....	1,844,900	2,002,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19 North Carolina.....	600	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 Ohio.....	1,215,299	1,565,149	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21 Oregon.....	24,000	26,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22 Pennsylvania.....	738,850	788,450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77,720	54,438	600	600
23 Rhode Island.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24 South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25 Tennessee.....	350	525	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26 Texas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27 Utah.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28 Vermont.....	18,000	20,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29 Virginia.....	300	390	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,600	12,000
30 Wisconsin.....	40,212	50,260			60	1,800			125	375	1,350	1,620				

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—OIL, VEGETABLE—1870-1860-1850—Continued.

WAGES.			MATERIALS.							PRODUCTS.					
1870	1860	1850	1870					1860	1850	1870					
Dollars.	Dollars.	Dollars.	Resin. *		Barrels. *	All other ma- terials. *	All materials.	All materials.	All materials.	Castor.		Cotton-seed.		Essential, (not spe- cified.)	
			Barrels.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Gallons.	Dollars.	Gallons.	Dollars.	Pounds.	Dollars.
890,371	448,425	187,848	16,760	47,000	12,108	6,010	9,006,262	6,075,832	1,925,054	341,850	690,700	2,490,883	1,547,218	173,680	550,865
20,000	6,000	240					110,000	24,150	3,000			180,000	170,000		1
3,000		600					4,000		750				9,160		2
2,300	2,244	2,208					20,530	37,050	14,000			50,000	25,000		3
64,650		9,180					924,282		30,097	68,600	133,000	3,000	1,800		4
24,022	6,758	5,436					534,969	67,250	23,680						5
11,400	2,640						199,530	9,700							6
3,600	2,400	4,608					70,000	23,000	76,400						7
74,100	40,200						192,112	237,000							8
		2,160							23,700						9
18,900	8,100	1,800					371,400	175,050	38,250						10
68,618	50,484	24,108	16,760	47,000	12,108	6,010	979,648	839,501	253,500			11,250	21,250		11
8,573	2,547						54,737	5,769							12
10,000							43,328								13
21,000							60,032								14
30,000							355,000								15
	25,200	30,468						124,250	398,000	120,000	300,000				16
	2,400							18,000							17
15,450	17,736	3,312					187,000	364,500	32,448	150,000	250,000				18
185,203	127,656	37,404					2,459,670	2,534,404	393,766			125,000	94,550	173,531	550,365
750	2,880	2,160					1,800	9,425	10,953			3,333	3,333		19
95,150	53,844	36,192					1,742,691	547,840	335,409			16,000	10,000		20
5,015							16,750								21
80,595	69,696	10,872					841,106	852,120	255,750						22
49,000	15,600						365,000	90,000				450,000	450,000		23
1,000							16,120					24,080	15,200		24
75,140	8,100	1,584					273,300	103,000	2,075	800	2,000	830,000	419,000		25
14,600							14,450			3,050	5,700	24,600	17,400		26
	729							400							27
1,800	1,416	2,052					25,050	10,155	23,502					150	500
2,050	376	3,780					6,048	868	10,124						28
4,425	1,368	84					37,740	4,800	650						29
															30

TABLE X.—OIL, VEGETABLE—1870-1860-1850—Continued.

PRODUCTS—Continued.														
1870				1860						1850				
Winter-green.	Worm-wood.	All other products.	All products.	Castor.	Cotton-seed.	Essential, (n.s.)	Linseed.	Pepper-mint.	Resin.	Sassafras.	All products.	Castor.	Linseed.	All products.
Lbs. 828	Dolls. 4,012	Lbs. 170	Dolls. 850	Dollars. 2,814,643	Dollars. 13,249,241	Dollars. 320,370	Dollars. 741,060	Dollars. 108,958	Dollars. 5,985,843	Dollars. 13,659	Dollars. 518,430	Dollars. 1,700	Dollars. 7,089,960	Dollars. 593,030
				75,000	245,000						106,000		106,000	4,000
					9,160								2,000	2,000
					30,000						42,545			19,865
				212,580	1,154,033								62,050	38,725
				135,439	600,912									38,725
				42,338	240,338									106,000
				18,000	78,000									26,100
				3,500	324,700		280,000							8,000
									75,000					297,500
				120,625	478,125									297,500
				287,719	1,145,436									
				4,800	83,330									
				14,284	58,141				13,659					
				63,375	165,700									
				50,000	500,000	60,000	66,500							
				2,700	260,700	198,000								
				810,030	3,457,370		76,500	106,278	2,513,874		168,650			
				1,861	6,094				7,690		11,000			
				525,791	2,100,940				759,604					
				4,500	30,900									
				254,572	1,102,072	60,370			1,033,083		87,000	1,200	1,181,653	7,400
				50,000	500,000		118,000						118,000	
				12,000	27,200									
				71,000	492,525		200,000						200,000	3,100
				22,000	45,100									2,633
						2,000								5,733
				12,000	32,500				28,415					33,780
				150	12,540				1,810					5,071
				14,370	68,425				8,000					1,300

* Used in the manufacture of resin oil in Massachusetts.

TABLE X.—OIL, ANIMAL, (NOT FISH OIL)—1870-1860-1850.

STATES AND TERRITORIES.	ESTABLISHMENTS.			STEAM-ENGINES.		HANDS EMPLOYED.									
	1870	1860	1850	1870		1870				1860			1850		
	Number.	Number.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.
Tho United States	58	33	41	396	24	543	464	45	34	166	162	4	193	182	11
Connecticut	1	1	.....	.....	.....	6	6	.....	.....	2	2	.....	.....	.....	.....
District of Columbia	2	.....	.....	2	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	8	1	.....	30	1	121	68	38	15	2	2	.....	.....	.....	.....
Indiana	1	.....	4	.....	.....	2	2	.....	.....	.....	.....	.....	.....	8	8
Iowa	1	.....	1	.....	.....	2	2	.....	.....	.....	.....	.....	.....	5	5
Kentucky	4	6	2	10	1	24	24	.....	.....	22	18	4	4	4	.....
Louisiana .....	.....	2	.....	.....	.....	.....	3	.....	.....	3	3	.....	.....	.....	.....
Maine .....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Massachusetts	2	5	3	.....	.....	6	6	.....	.....	21	21	.....	23	22	1
Missouri	3	1	1	82	4	77	68	.....	9	10	10	.....	2	2	.....
New York	11	8	.....	71	6	88	88	.....	.....	56	56	.....	.....	.....	.....
Ohio	11	.....	23	108	6	148	132	7	9	.....	.....	.....	126	116	10
Pennsylvania	12	6	6	93	6	60	59	.....	1	40	40	.....	22	22	.....
Rhode Island	2	.....	.....	.....	.....	7	7	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina .....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Tennessee .....	.....	1	1	.....	.....	.....	.....	.....	.....	8	8	.....	3	3	.....

TABLE X.—OIL, ANIMAL, (NOT FISH OIL)—1870-1860-1850—Continued.

STATES AND TERRITORIES.	CAPITAL.			WAGES.			MATERIALS.		
	1870	1860	1850	1870	1860	1850	1870	1860	1850
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
The United States	2, 072, 532	522, 950	362, 950	298, 975	54, 136	58, 950	7, 582, 576	2, 139, 074	1, 271, 602
Connecticut	400	1, 500		200	600		1, 113	14, 000	
District of Columbia	4, 832			825			1, 160		
Illinois	269, 500	6, 400		52, 800	552		1, 301, 800	9, 700	
Indiana	7, 000		12, 800	560		2, 424	5, 009		50, 076
Iowa	5, 000		10, 000	500			6, 000		6, 000
Kentucky	110, 000	20, 250	2, 500	13, 500	5, 460	1, 560	78, 350	22, 341	11, 500
Louisiana		2, 600			1, 440			42, 000	
Maine		1, 500			360			100	
Massachusetts	10, 000	45, 200	98, 000	1, 300	7, 620	8, 184	20, 119	225, 783	283, 835
Missouri	525, 000	100, 000	3, 000	62, 500	3, 000	720	2, 806, 100	120, 000	10, 000
New York	242, 800	165, 000		61, 268	20, 380		975, 348	1, 478, 200	
Ohio	501, 000		182, 050	71, 822		35, 568	1, 553, 186		723, 591
Pennsylvania	389, 000	128, 500	46, 600	30, 350	13, 144	7, 440	762, 650	172, 150	151, 780
Rhode Island	8, 000			3, 300			11, 750		
South Carolina		1, 000			120			400	
Tennessee		42, 000	8, 000		2, 400	1, 200		55, 000	28, 740

TABLE X.—OIL, ANIMAL, (NOT FISH OIL)—1870-1860-1850—Continued.

STATES AND TERRITORIES.	PRODUCTS.									
	1870								1860	1850
	Lard.		Lubricating.		Neat's-foot.		All other products.	All products.	All products.	All products.
	Gallons.	Dollars.	Gallons.	Dollars.	Gallons.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
The United States	8, 552, 593	7, 701, 900	347, 100	394, 300	741, 550	823, 589	808, 878	9, 723, 667	2, 568, 336	1, 617, 669
Connecticut					1, 000	1, 500		1, 500	20, 890	
District of Columbia					2, 800	3, 500		3, 500		
Illinois	404, 000	497, 800			732, 500	811, 000	179, 000	1, 483, 700	12, 000	
Indiana	6, 560	7, 472						7, 472		76, 494
Iowa	3, 000	3, 700					4, 300	8, 000		10, 000
Kentucky	94, 890	118, 500						118, 500	92, 860	15, 000
Louisiana									52, 000	
Maine									960	
Massachusetts			25, 000	37, 000			1, 000	38, 000	266, 350	357, 500
Missouri	5, 280, 000	4, 100, 000						4, 100, 000	135, 000	12, 608
New York	982, 252	1, 026, 220			2, 350	3, 700	147, 743	1, 177, 663	1, 650, 000	
Ohio	1, 063, 295	1, 154, 708	303, 100	344, 500			203, 135	1, 702, 343		941, 015
Pennsylvania	710, 000	780, 500		12, 800	2, 500	3, 289	208, 500	1, 065, 089	272, 616	156, 002
Rhode Island	8, 676	13, 000				600	4, 300	17, 900		
South Carolina									750	
Tennessee									65, 000	48, 150

TABLE X.—PRINTS—1870.

STATES.	ESTABLISH- MENTS.	STEAM-ENGINES.		WATER-WHEELS.		PRINTING- MACHINES.	HANDS EMPLOYED.			
	Number.	Horse-power.	Number.	Horse-power.	Number.	Number.	All.	Males above 16.	Females above 15.	Youth.
The United States.....	42	7, 158	130	2, 695	10	240	8, 894	6, 092	1, 393	1, 409
Iowa.....	1	.....	.....	.....	.....	1	5	5	.....	.....
Maine.....	1	.....	.....	.....	.....	.....	10	6	.....	4
Massachusetts.....	11	1, 806	33	1, 163	3	.....	2, 996	2, 006	726	264
New Hampshire.....	3	350	0	580	3	32	635	538	77	20
New Jersey.....	5	600	41	260	4	34	769	549	108	132
New York.....	4	850	4	500	1	22	550	370	61	150
Pennsylvania.....	9	1, 317	25	70	2	60	863	569	70	229
Rhode Island.....	1	2, 225	20	100	1	90	2, 996	2, 035	351	610
West Virginia.....	1	10	1	.....	.....	1	5	5	.....	.....

TABLE X.—PRINTS—1870—Continued.

STATES.	CAPITAL.	WAGES.	MATERIALS.			
	Dollars.	Dollars.	Print cloth.	Delaines.	Chemicals and dyes.	Other materials.
The United States.....	13, 367, 553	3, 438, 080	Yards. 453, 809, 251	Yards. 27, 710, 213	Dollars. 7, 204, 370	Dollars. 749, 510
Iowa.....	4, 000	900	105, 620	.....	7, 500	.....
Maine.....	1, 500	4, 600	.....	.....	12, 000	52, 000
Massachusetts.....	2, 894, 653	1, 110, 055	107, 838, 117	19, 575, 213	3, 286, 978	414, 650
New Hampshire.....	674, 000	273, 225	24, 950, 000	8, 135, 000	690, 859	147, 360
New Jersey.....	1, 024, 400	368, 639	50, 179, 514	.....	561, 406	135, 500
New York.....	280, 000	297, 500	50, 030, 000	.....	40, 500	.....
Pennsylvania.....	1, 695, 000	353, 380	53, 022, 000	.....	598, 699	.....
Rhode Island.....	6, 770, 000	1, 028, 000	167, 509, 000	.....	1, 995, 428	.....
West Virginia.....	20, 000	1, 600	175, 000	.....	5, 000	.....

TABLE X.—PRINTS—1870—Continued.

STATES.	MATERIALS—Continued.		PRODUCTS.			
	Mill supplies.	All materials.	Prints.	Delaines.	Other products.	All products.
The United States.....	Dollars. 1, 581, 471	Dollars. 46, 373, 358	Yards. 453, 809, 251	Yards. 27, 710, 213	Dollars. 625, 910	Dollars. 54, 446, 044
Iowa.....	700	23, 200	105, 620	.....	.....	26, 400
Maine.....	3, 000	67, 000	.....	.....	100, 000	100, 000
Massachusetts.....	225, 644	15, 420, 530	107, 838, 117	19, 575, 213	140, 000	17, 325, 150
New Hampshire.....	225, 070	4, 118, 453	24, 950, 000	8, 135, 000	173, 410	4, 670, 333
New Jersey.....	247, 250	4, 350, 653	50, 179, 514	.....	212, 500	5, 005, 997
New York.....	20, 000	2, 784, 600	50, 030, 000	.....	.....	3, 317, 100
Pennsylvania.....	208, 137	4, 958, 000	53, 022, 000	.....	.....	6, 113, 584
Rhode Island.....	650, 664	14, 604, 962	167, 509, 000	.....	.....	17, 842, 480
West Virginia.....	1, 000	36, 000	175, 000	.....	.....	45, 000

TABLE X.—SALT—1870-1860-1850.

STATES AND TERRITORIES.	ESTABLISHMENTS.			STEAM- ENGINES.	WATER- WHEELS.		MACHINES.										
	1870	1860	1850	1870				1870									
	Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Blocks. (Number.)	Boilers. (Number.)	Capacity. (Gallons.)	Grainers. (Number.)	Kettles. (Number.)	Capacity. (Gallons.)	Pans. (Number.)	Capacity. (Gallons.)	Vats. (Number.)	Area in sq. feet.
The United States.	282	399	340	3,278	192	44	3	402	7	1,200	2	12,879	1,273,207	470	797,286	24,523	4,496,568
California.....	8	2														8	4,500
Colorado.....	1							5				6	7,000				
Connecticut.....			1														
Florida.....	6	1	1									13	2,980			90	851,200
Idaho.....	1							1	1	1,000		1					
Illinois.....	1	1	1	25	1			2						10	18,290	6	
Indiana.....	1							36				16	3,600				
Kansas.....	1			8	1											33	50,000
Kentucky.....	4	6	12						4								
Louisiana.....	1			30	1							149	14,900				
Maine.....			3														
Massachusetts.....	9	13	9													2,755	619,000
Michigan.....	65	1		756	39			70				2,749	1,031,700			3,461	365,220
New York.....	93	295	192	78	4			147				8,091	10,287			18,106	2,591,488
Ohio.....	40	28	32	849	46	40.	2	131				678	98,950	431	729,745		
Oregon.....		1															
Pennsylvania.....	27	34	47	313	28			4				33	55,900	25	49,131	2	
Texas.....	3	2	2									143	47,850				
Utah.....	1								2	200							
Virginia.....	2	14	40											4	120		
West Virginia.....	18			1,219	72	4	1				2					64	7,100

TABLE X.—SALT—1870-1860-1850—Continued.

STATES AND TERRITORIES.	HANDS EMPLOYED.									CAPITAL.			WAGES.				
	1870				1860			1850		1870	1860	1850	1870	1860	1850		
	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Av. per year. (Dollars.)	
																Male.	Fem.
The United States.	2,953	2,699	7	56	2,213	2,190	23	2,786	2,699	87	6,561,615	3,692,215	1,317,438	1,146,910	371,954	744,432	9,793
California.....	84	84			15	15					66,500	800		13,409	5,400		
Colorado.....	8	8									10,000			1,600			
Connecticut.....								2	1	1			4,050			360	144
Florida.....	22	22			19	12		8	6	2	6,050	35,000		3,000	5,160	1,440	268
Idaho.....	8	8									12,000			2,000			
Illinois.....	26	26			15	15		3	3		50,000	38,000	2,000	24,000	4,680	720	
Indiana.....	4	4									2,000			200			
Kansas.....	4	4									50,000			1,000			
Kentucky.....	40	39	1		74	66	8	162	153	9	16,500	70,000	17,050	10,070	14,978	16,896	432
Louisiana.....	57	57									120,000			35,000			
Maine.....													7,225			1,080	
Massachusetts.....	18	18			21	21		35	28	7	97,309	30,525	60,000	1,875	5,692	8,088	1,693
Michigan.....	858	826	2	30	30	30					1,717,500	109,000		331,239	200		
New York.....	528	528			1,079	1,079		873	873		1,534,211	2,313,590	631,955	24,520	229,376		
Ohio.....	437	424		12	293	293		167	167		1,055,904	338,700	188,750	161,420	91,524	42,036	
Oregon.....					2	2					4,000				840		
Pennsylvania.....	159	153		6	205	205		219	219		171,700	150,860	168,330	57,980	64,776	55,020	
Texas.....	29	27		2	22	18	4	10	15	1	10,000	47,000	3,475	8,800	5,520	2,260	72
Utah.....	2	2									650			300			
Virginia.....	8	8									300	523,800	234,623		148,464	317,136	7,764
West Virginia.....	661	632	4	5				1,297	1,230	67	1,631,000			290,800			

TABLE X.—SALT—1870-1860-1850—Continued.

STATES AND TERRITORIES.	MATERIALS.								PRODUCTS.					
	1870						1860	1850	1870		1860		1850	
	Coal.		Wood.		All oth- er ma- terials.	All materi- als.	All materi- als.	All materi- als.	All products.		All products.		All products.	
	Tons.	Dollars.	Cords.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Bushels.	Dollars.	Bushels.	Dollars.	Bushels.	Dollars.
The United States.	468,368	696,713	45,035	11,420	576,502	1,760,670	1,054,980	1,069,425	17,006,105	4,818,229	12,717,198	2,289,504	9,763,840	2,222,745
California									174,835	48,150	44,000	7,100		
Colorado			600	1,800		1,800			7,560	4,600				
Connecticut								4,000					40,000	5,000
Florida			770			820	2,500		25,130	10,950	40,000	11,000		6,000
Idaho			500	1,200		2,200			13,400	10,000				
Illinois	3,300	3,300			9,000	12,300	4,000	20,000	54,000	45,000	35,000	10,000	20,000	6,000
Indiana			100	200		200			1,000	600				
Kansas			35	175	100	275			10,000	6,000				
Kentucky		5,520				5,520	7,450	17,050	64,600	20,920	169,665	41,190	240,500	57,825
Louisiana	210	1,240	420	1,680	1,750	4,670			128,000	57,600				
Maine								7,225						9,700
Massachusetts						250	1,020	60,000	22,846	11,550	31,525	9,832		93,850
Michigan			39,390		374,391	410,561	275		3,981,316	1,176,811	2,360	600		
New York					1,795	494,854	676,301	631,955	4,977,720	925,700	7,521,335	1,289,511	4,500,000	998,915
Ohio	142,392	193,504			159,328	352,022	139,637	35,633	2,898,649	773,492	1,743,200	270,871	550,350	132,203
Oregon								5,000			12,000	6,000		
Pennsylvania	36,831		25	125	20,138	83,203	48,603	57,169	578,970	187,312	1,011,800	195,016	919,100	206,796
Texas		3,050	5,000			5,600	4,000	1,750	29,136	20,800	29,800	20,800	8,000	5,000
Utah									1,050	750				
Virginia			105	400		400	166,204	234,623	2,063	1,250	2,076,513	410,684	3,479,390	700,466
West Virginia	167,998					384,855			4,633,750	1,507,605				

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—SEWING-MACHINES—1870-1860.

STATES.	1870													
	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	Dollars.	Dollars.	Dollars.	Sewing-machines.	
													Number.	Dollars.
The United States.....	49	1,688	37	145	6	7,291	6,709	334	243	8,759,431	5,142,248	3,055,786	Number. 578,919	Dollars. 13,638,706
Connecticut.....	6	585	10	30	2	2,300	2,031	149	120	2,350,000	1,649,246	1,200,335	203,500	3,479,500
Delaware.....	1					2	2			300	550	300		
Illinois.....	1													
Indiana.....														
Kentucky.....	5					12	12			1,405	4,500	1,350		
Maryland.....	6	250	5	30	1	1,033	1,009	12	12	2,677,600	686,432	641,725	74,647	1,921,510
Massachusetts.....	1					5	4		1	5,000	2,060	233		
New Jersey.....														
New Hampshire.....	12	602	11	85	3	3,131	2,882	107	82	2,727,576	2,189,640	888,066	243,406	6,050,500
New York.....	7	80	5			306	292	4	10	171,350	226,200	94,163	36,916	718,496
Ohio.....	1					2	2			1,500	300	300		
Oregon.....	1													
Pennsylvania.....	8	60	4			525	320	2	3	721,500	201,300	188,928	16,450	672,700
Rhode Island.....	1	18	1			170	150		20	100,000	120,000	40,000	3,000	180,000
Vermont.....	1	3	1			5	5			3,000	2,000	387	1,000	10,000

TABLE X.—SEWING-MACHINES—1870-1860—Continued.

STATES.	1870		Establishments.	1860							
	PRODUCTS—Continued.			HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.
	All other products.	All products.		ALL	Males above 16.	Females above 15.	Youth.	Dollars.	Dollars.	Dollars.	Dollars.
The United States	Dollars. 458,740	Dollars. 14,037,446	75	2,297	2,269	28	.....	1,427,750	1,094,796	648,312	4,255,820
Connecticut.....	139,500	3,619,000	5	611	611	.....	.....	426,000	369,820	170,680	1,123,000
Delaware.....	.....	.....	1	15	15	.....	.....	10,000	6,000	2,875	15,000
Illinois.....	2,000	2,000	2	4	4	.....	.....	2,800	1,080	446	3,050
Indiana.....	.....	.....	1	2	2	.....	.....	2,000	2,400	420	6,000
Kentucky.....	.....	.....	1	2	2	.....	.....	600	708	2,560	4,250
Maryland.....	7,300	7,300	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	5,800	1,927,310	10	514	506	8	.....	258,000	246,900	64,671	1,104,800
New Jersey.....	4,500	4,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	.....	.....	5	97	97	.....	.....	20,350	30,300	25,100	124,500
New York.....	263,640	6,020,140	20	483	483	.....	.....	369,403	200,100	212,760	1,051,805
Ohio.....	2,200	720,696	17	173	173	.....	.....	67,600	62,016	70,398	232,935
Oregon.....	1,000	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	12,800	685,500	11	290	270	20	.....	211,000	105,492	83,048	406,480
Rhode Island.....	20,000	200,000	1	60	60	.....	.....	35,000	21,600	6,745	102,000
Vermont.....	.....	10,000	1	40	40	.....	.....	25,000	19,200	8,320	42,000

* Repairs.

TABLE X.—SILK—1870-1860.

STATES.	1870															CAPITAL. Dollars.	WAGES. Dollars.
	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		MACHINES.						HANDS EMPLOYED.					
		Horse-power.	Number.	Horse-power.	Number.	Braiders.	Looms.	Looms, hand.	Spindles.	Spoolers.	Winders.	All.	Males above 16.	Females above 15.	Youth.		
The United States.....	86	1,122	48	785	45	30	1,251	188	12,040	2,427	3,038	6,649	1,734	3,529	1,386	6,231,130	1,942,286
Connecticut.....	23	401	11	300	20		255			170	139	1,703	466	1,003	234	1,414,130	559,425
Maryland.....																	
Massachusetts.....	9	75	6	90	7		5			84	520	453	97	286	70	412,000	154,300
New Hampshire.....	1			20	1					4	2	15	5	10		5,000	1,600
New Jersey*.....	28	425	16	246	11		308	188	8,840	2,071	2,251	2,790	733	1,162	895	2,166,500	625,816
New York.....	14	135	8	121	5		216			69	63	739	154	413	172	800,500	232,345
Ohio.....																	
Pennsylvania.....	10	80	7			30	467		3,200	27	61	936	266	655	15	1,429,000	326,400
Vermont.....	1			8	1					2	2	13	13			4,000	2,400

* Two establishments, using 2 water-wheels of 4 horse-power, employing 42 females and 3 youths, and \$12,000 capital, paying \$11,020 wages, using \$507,014 materials, producing \$528,700, appear on Table IX (B), included in "Silk, sewing and twist," are excluded from this table, as they do not manufacture, but simply wind sewing-silk and twist.

TABLE X.—SILK—1870-1860—Continued.

STATES.	1870											
	MATERIALS.					PRODUCTS.						
	Raw silk.	Silk-yarn.	Chemicals.	Other materials.	All materials.	Silk goods.	Silkribbon.	Machine-silk.	Spool-silk.	Silk-thread.	Other products.	All products.
The United States.....	<i>Pounds.</i> 684, 488	<i>Pounds.</i> 48, 456	<i>Dollars.</i> 209, 224	<i>Dollars.</i> 853, 796	<i>Dollars.</i> 7, 817, 559	<i>Yards.</i> 1, 026, 423	<i>Yards.</i> 3, 224, 264	<i>Pounds.</i> 370, 031	<i>Pounds.</i> 127, 590	<i>Poun's.</i> 19, 000	<i>Dollars.</i> 3, 880, 357	<i>Dollars.</i> 12, 210, 662
Connecticut	175, 839	.....	81, 674	407, 727	2, 049, 834	636, 283	447, 664	145, 702	36, 790	.....	.....	3, 314, 845
Maryland	101, 650	.....	46, 500	23, 900	937, 000	.....	160, 000	82, 800	68, 900	.....	.....	1, 402, 500
Massachusetts	2, 000	.....	350	.....	14, 350	.....	.....	2, 000	.....	.....	.....	25, 000
New Hampshire	259, 727	22, 440	43, 800	90, 555	2, 678, 161	352, 100	1, 294, 600	55, 529	13, 400	.....	2, 182, 784	3, 998, 964
New Jersey	111, 843	.....	.....	24, 805	1, 211, 385	.....	22, 000	77, 500	7, 500	.....	644, 573	1, 826, 073
New York .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	32, 429	26, 016	30, 700	306, 664	919, 024	32, 040	1, 300, 000	6, 500	.....	19, 000	1, 053, 000	1, 632, 900
Vermont	1, 000	.....	200	145	7, 805	.....	.....	.....	1, 000	.....	.....	10, 380

TABLE X.—SILK—1870-1860—Continued.

[illegible]

TABLE X.—STEEL—1870-1860-1850.

STATES.	ESTABLISHMENTS.			STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.						CAPITAL.			WAGES.		
	1870	1860	1850	1870		1870		1870				1860	1850	1870	1860	1850	1870	1860	1850
	Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	Males.	Males.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
The United States..	30	13	5	11,557	83	250	6	2,437	2,378	4	55	748	40	6,345,400	1,640,000	52,300	1,651,132	308,736	16,176
Connecticut.....	2	.....	.....	375	3	75	3	61	60	.....	1	.....	.....	600,000	.....	.....	57,000	.....	.....
Massachusetts.....	1	.....	.....	200	1	.....	.....	36	36	.....	.....	.....	.....	150,000	.....	.....	18,000	.....	.....
New Jersey.....	4	2	.....	940	7	40	1	293	279	4	10	65	.....	500,000	90,000	.....	190,000	28,800	.....
New York.....	5	2	.....	1,125	9	100	1	234	232	.....	2	91	.....	1,030,000	205,000	.....	185,200	42,336	.....
Pennsylvania.....	18	9	5	8,917	63	35	1	1,813	1,771	.....	42	592	40	4,065,400	1,345,000	52,300	1,200,932	237,600	16,176

TABLE X.—STEEL—1870-1860-1850—Continued.

STATES.	MATERIALS.							
	1870						1860	1850
	Pig-iron.	Blooms.	Bar-iron.	Scrap-iron.	Coal.	All other materials.	All materials.	All materials.
	Tons.	Tons.	Tons.	Tons.	Tons.	Dollars.	Dollars.	Dollars.
The United States..	27,732	10,164	10,998	8,322	209,488	654,026	5,166,003	805,174
Connecticut.....	500	375	.....	171	5,000	1,200	119,050	.....
Massachusetts.....	.....	500	.....	.....	1,000	.....	60,000	.....
New Jersey.....	800	585	3,770	350	16,000	40,000	573,310	60,400
New York.....	7,638	.....	1,100	110	10,039	19,179	456,712	137,690
Pennsylvania.....	18,794	8,704	6,128	7,691	177,449	593,647	3,956,931	606,875

TABLE X.—STEEL—1870-1860-1850—Continued.

STATES.	PRODUCTS.													
	1870										1860			1850
	Puddled steel.		Blistered steel.		Bessemer steel.		Cast-steel.		All other products.	All products.	Steel.		All products.	All products.
The United States..	Tons. 1, 185	Dollars. 218, 500	Tons. 1, 100	Dollars. 230, 000	Tons. 19, 403	Dollars. 1, 818, 220	Tons. 28, 069	Dollars. 7, 286, 188	Dollars. 57, 078	Dollars. 9, 609, 986	Tons. 11, 838	Dollars. 1, 778, 240	Dollars. 1, 778, 240	Dollars. 172, 080
Connecticut.....							1, 003	275, 000		275, 000				
Massachusetts.....							400	120, 000	13, 750	133, 750				
New Jersey.....			1, 000	200, 000			4, 703	1, 201, 778		1, 401, 778	700	163, 000	163, 000	
New York.....			100	30, 000	5, 903	413, 220	1, 345	391, 000		834, 220	1, 248	277, 040	277, 040	
Pennsylvania.....	1, 185	218, 500			13, 500	1, 405, 000	20, 621	5, 298, 410	43, 328	6, 965, 238	9, 890	1, 338, 200	1, 338, 200	172, 080

TABLE X.—SUGAR AND MOLASSES, (CANE,) RAW—1870.

STATES.	ESTABLISHMENTS.	STEAM-ENGINES.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.				
	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	Dollars.	Dollars.	Dollars.	Molasses.		Sugar.		All products.
The United States....	713	18,320	599	21,299	15,723	3,797	1,779	10,248,475	1,230,119	6,069,271	<i>Gallons.</i> 4,368,687	<i>Dollars.</i> 2,265,860	<i>Hhds.</i> 77,317	<i>Dollars.</i> 8,117,598	<i>Dollars.</i> 10,333,368
Florida	27	24	2	143	140	.....	3	8,950	2,640	16,604	1,500	750	407	40,700	41,510
Louisiana.....	686	18,296	597	21,156	15,583	3,797	1,776	10,239,525	1,227,479	6,052,667	4,367,187	2,265,110	76,910	8,076,748	10,341,858

TABLE X.—SUGAR AND MOLASSES, (CANE,) REFINED—1870-1860-1850.

STATES.	ESTABLISHMENTS.			STEAM-ENGINES.		HANDS EMPLOYED.									CAPITAL.			
	1870	1860	1850	1870		1870				1860			1850			1870	1860	1850
	Number.	Number.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.
The United States.	50	41	23	9,655	110	4,597	4,404	20	83	3,505	3,505	.....	1,656	1,644	12	20,545,320	9,098,100	2,669,000
California	3	1	.....	725	4	255	255	.....	.....	120	120	.....	.....	.....	.....	1,300,000	300,000	.....
Illinois .....	.....	1	.....	.....	.....	.....	.....	.....	.....	75	75	.....	.....	.....	.....	.....	13,000	.....
Louisiana	3	4	2	116	13	141	141	.....	.....	59	59	.....	77	75	2	365,000	46,500	70,000
Maine	3	1	1	240	3	185	185	.....	.....	200	200	.....	75	75	.....	775,000	400,000	165,000
Maryland	4	1	2	1,250	7	437	432	.....	5	175	175	.....	19	19	.....	958,000	250,000	62,000
Massachusetts	4	2	4	900	14	460	460	.....	.....	220	220	.....	207	203	4	2,200,000	750,000	620,000
Missouri	1	1	3	320	10	302	252	.....	50	216	216	.....	214	214	.....	2,000,000	1,000,000	177,000
New Jersey	3	.....	.....	517	4	404	404	.....	.....	.....	.....	.....	.....	.....	.....	645,000	.....	.....
Ohio	18	18	5	2,051	32	864	858	.....	6	1,789	1,789	.....	751	745	0	6,375,000	4,550,000	880,000
Pennsylvania .....	.....	3	.....	.....	.....	.....	.....	.....	.....	83	83	.....	.....	.....	.....	162,600	.....	.....
Rhode Island	15	8	5	3,011	25	1,241	1,240	.....	1	478	478	.....	278	278	.....	5,619,000	1,546,000	615,000
South Carolina	2	1	.....	437	5	153	152	.....	1	90	90	.....	.....	.....	.....	258,000	80,000	.....
Texas	3	.....	1	88	2	155	115	20	20	.....	.....	.....	35	35	.....	50,220	.....	80,000

TABLE X.—SUGAR AND MOLASSES, (CANE,) REFINED—1870-1860-1850—Continued.

STATES.	WAGES.			MATERIALS.									
	1870	1860	1850	1870									
	Dollars.	Dollars.	Dollars.	Coal.	Fuel.	Molasses.		Sugar.		All other materials.	All materials.	All materials.	All materials.
				Tons.	Dollars.	Gallons.	Dollars.	Pounds.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
The United States	3, 177, 288	1, 364, 712	604, 248	89, 325	721, 227	23, 954, 131	7, 748, 967	804, 408, 427	44, 350, 661	2, 847, 151	96, 493, 431	34, 190, 767	7, 663, 625
California.	166, 000	89, 400	.....	15, 000	137, 000	.....	.....	35, 000, 000	2, 983, 000	108, 050	3, 225, 050	1, 194, 400	.....
Illinois. . . . .	.....	27, 000	.....	.....	.....	.....	.....	.....	.....	.....	.....	737, 000	.....
Louisiana.	75, 000	30, 384	33, 400	.....	.....	630, 000	250, 000	3, 971, 125	232, 078	14, 300	496, 378	246, 807	281, 000
Maine.	117, 000	72, 000	23, 500	.....	.....	3, 470, 000	1, 450, 000	13, 931, 260	1, 457, 159	50, 954	2, 958, 113	1, 215, 000	307, 500
Maryland.	108, 551	69, 000	6, 720	.....	.....	1, 324, 121	473, 480	52, 398, 951	5, 784, 959	136, 130	6, 394, 569	2, 200, 000	184, 000
Massachusetts.	226, 848	11, 760	86, 580	.....	312, 300	.....	.....	62, 479, 008	6, 632, 005	.....	6, 944, 395	1, 763, 500	1, 140, 875
Missouri.	175, 000	74, 160	70, 800	.....	.....	60, 000	30, 960, 000	30, 960, 000	.....	200, 000	3, 667, 000	1, 469, 000	.....
New Jersey.	272, 000	.....	.....	.....	.....	1, 267, 597	507, 599	100, 000, 000	9, 000, 000	539, 145	10, 046, 744	.....	.....
New York.	1, 249, 956	704, 400	277, 104	72, 825	.....	5, 416, 000	.....	342, 957, 409	.....	977, 700	37, 247, 730	19, 084, 510	3, 788, 400
Ohio. . . . .	.....	30, 900	.....	.....	.....	.....	.....	.....	.....	.....	.....	323, 600	.....
Pennsylvania.	663, 408	177, 708	92, 544	.....	371, 927	11, 438, 333	5, 067, 888	161, 410, 674	18, 264, 370	813, 797	24, 417, 982	4, 844, 950	934, 000
Rhode Island.	46, 500	30, 000	.....	1, 500	.....	346, 080	.....	1, 300, 0 0	.....	7, 075	1, 431, 575	1, 132, 000	.....
South Carolina. . . . .	.....	.....	12, 600	.....	.....	.....	.....	.....	.....	.....	.....	.....	110, 500
Texas.	7, 025	.....	.....	.....	.....	.....	.....	.....	.....	.....	69, 895	.....	.....

TABLE X.—SUGAR AND MOLASSES, (CANE,) REFINED—1870-1880-1885—Continued.

STATES.	PRODUCTS.								
	1870						1860	1850	
	Molasses, refined.		Sugar, refined.		Sirup, refined.		All products.	All products.	All products.
The United States.....	Gallons. 839, 560	Dollars. 425, 762	Pounds. 754, 010, 951	Dollars. 52, 132, 660	Gallons. 18, 168, 279	Dollars. 7, 810, 666	Dollars. 108, 941, 911	Dollars. 42, 241, 834	Dollars. 9, 898, 800
California			28, 176, 618	3, 519, 660	572, 711	384, 385	3, 804, 045	1, 586, 500	
Illinois								860, 000	
Louisiana	810, 000	405, 000	1, 758, 900	238, 085			643, 085	328, 937	425, 000
Maine			19, 027, 370	2, 533, 907	847, 062	608, 225	3, 142, 132	1, 350, 000	330, 000
Maryland			49, 010, 750	6, 498, 608	1, 018, 163	509, 240	7, 007, 857	2, 300, 000	303, 500
Massachusetts			50, 971, 000	6, 218, 175	1, 723, 945	1, 447, 310	7, 665, 485	2, 383, 057	1, 315, 700
Missouri			24, 435, 500				4, 135, 250	1, 800, 000	1, 213, 600
New Jersey			64, 202, 000	10, 174, 200	1, 571, 000	1, 025, 540	11, 199, 740		
New York			297, 749, 314		3, 591, 095		42, 837, 181	23, 106, 500	5, 020, 000
Ohio								429, 390	
Pennsylvania			186, 365, 593	22, 895, 650	8, 052, 863	3, 835, 357	26, 731, 016	6, 356, 700	1, 158, 000
Rhode Island			11, 489, 000		244, 440		1, 000, 980	1, 740, 750	
South Carolina									133, 000
Texas	20, 560	20, 762	398, 300	54, 375			75, 137		

TABLE X.—TAR AND TURPENTINE—1870-1860-1850.

STATES.	ESTABLISHMENTS.			STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.									
	1870	1860	1850	1870		1870		1870				1860			1850		
	Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males over 16.	Females over 15.	Youth.	All.	Males.	Females.	All.	Males.	Females.
The United States...	227	1,111	856	177	26	15	1	2,638	2,526	81	31	2,155	2,149	6	3,437	3,369	68
Alabama	12	10	4	.....	.....	.....	.....	602	540	55	7	.....	.....	.....	33	33	.....
Florida	2	.....	5	.....	1	.....	.....	18	18	.....	.....	34	29	5	82	75	7
Georgia	4	.....	14	20	1	.....	.....	138	133	2	3	.....	.....	.....	202	163	39
Louisiana	5	.....	1	.....	.....	.....	.....	5	5	.....	.....	.....	.....	.....	3	3	.....
Massachusetts .....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....
Mississippi	1	.....	5	.....	.....	.....	.....	27	20	7	.....	.....	.....	.....	33	27	6
Missouri	2	.....	.....	.....	.....	.....	.....	13	10	.....	3	.....	.....	.....	.....	.....	.....
North Carolina	147	1,093	785	49	21	.....	.....	959	957	1	1	2,056	2,055	1	2,858	2,842	16
Pennsylvania .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	54	7	40	105	3	15	1	876	843	16	17	63	63	.....	220	220	.....
Tennessee .....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....

TABLE X.—TAR AND TURPENTINE—1870-1860-1850—Continued.

STATES.	CAPITAL.			WAGES.			MATERIALS.		
	1870	1860	1850	1870	1860	1850	1870	1860	1850
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
The United States...	902,225	964,148	1,663,692	476,284	405,252	447,348	2,146,090	253,989	1,484,318
Alabama	86,200	4,700	12,300	120,000	9,360	7,776	84,155	1,900	6,180
Florida	16,000		28,000			12,408	5,508		9,600
Georgia	63,000		109,950	28,000		24,852	30,672		25,000
Louisiana	500		1,500			540	900		190
Massachusetts			10,000			1,206			17,500
Mississippi	28,000		19,000	6,000		5,052	1,500		4,025
Missouri	31,000			7,900			35,400		
North Carolina	472,100	945,448	1,417,532	184,839	383,400	372,036	1,552,577	244,434	1,295,448
Pennsylvania		500			324			45	
South Carolina	205,425	13,500	65,400	123,645	12,168	23,100	422,378	7,610	129,175
Tennessee			10			288			200

TABLE X.—TAR, AND TURPENTINE—1870-1860-1850—Continued.

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TABLE X.—* TOBACCO, CHEWING AND SMOKING, AND SNUFF—1870-1880.

STATES.	ESTABLISHMENTS.		STEAM-ENGINES.	WATER-WHEELS.	HANDS EMPLOYED.								CAPITAL.		WAGES.		MATERIALS.		
	1870	1860	1870			1870				1860			1870	1860	1870	1860	1870		
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	Dollars.	Dollars.	Dollars.	Dollars.	Tobacco, leaf.	
The United States.	573	626	2,672	176	379	25	21,799	10,588	5,179	6,032	18,859	15,869	2,900	13,555,814	9,494,405	5,216,633	3,571,294	<i>Pounds.</i> 106,063,313	<i>Dollars.</i> 13,609,032
Arkansas.	2	3					7	4	1	2	28	28		6,500	9,000	400	8,460	25,500	3,000
California.	3		53	3			24	14	4	6				28,000		11,200		99,000	21,800
Connecticut.	3		7	2	5	1	15	11	1	3				8,500		4,600		26,490	6,035
Delaware.	2	2	10	1	50	4	27	27			12	12		210,000	25,000	12,085	1,728	943,126	109,544
Georgia.	5	9					196	93	40	63	88	60	19	78,700	38,100	76,592	9,858	1,009,213	189,463
Illinois.	37	4	240	13			1,659	753	258	648	43	37	6	917,550	62,700	436,475	10,296	9,782,860	1,294,400
Indiana.	15	4	14	2			147	84	33	30	52	52		134,700	2,800	30,165	9,900	1,507,703	122,328
Iowa.	3		32	2			104	56	16	32				102,500		33,500		375,000	53,000
Kentucky.	32	91	174	11			900	400	150	341	1,805	1,709	156	662,691	1,052,467	212,732	386,328	5,233,412	620,368
Louisiana.	6		24	5			86	74		12				131,500		32,205		478,000	75,700
Maryland.	15	3	172	9			353	148	150	55	18	18		500,900	46,000	85,282	5,856	2,235,750	214,427
Massachusetts.	8			30	2		82	44	34	4				60,800		33,800		136,631	10,955
Michigan.	15	1	200	13			675	259	225	191	8	8		1,076,000	1,000	227,355	2,040	4,407,306	952,904
Mississippi.	1						7	3	1	3				200		100		500	600
Missouri.	65	53	244	13			1,971	888	382	701	1,546	1,446	100	2,444,700	973,300	874,860	337,068	9,593,591	3,752,374
New Jersey.	9	8	46	3	118	7	214	165	27	22	96	90	6	418,000	183,000	80,550	21,012	1,103,999	262,428
New York.	51	28	776	38	70	5	4,533	1,677	1,725	1,131	1,214	850	364	3,521,911	578,300	1,256,560	294,234	24,613,432	517,421
North Carolina.	110	97					1,464	762	332	370	1,461	1,084	377	735,832	646,730	102,144	164,460	3,371,553	
Ohio.	46	10	260	22	19	3	1,320	503	376	341	239	186	53	661,130	93,700	334,310	51,976	7,149,742	1,428,697
Pennsylvania.	30	10	94	10	20	1	454	211	88	155	104	99	5	551,400	64,200	131,430	19,516	2,662,988	226,776
Tennessee.	10	39					46	32	6	8	602	508	94	26,700	925,118	4,550	118,500	432,275	
Texas.	1						12	10		2				4,200		630		13,500	1,600
Virginia.	96	261	239	25	60	2	7,420	4,262	1,311	1,847	11,382	9,572	1,810	1,362,500	3,856,990	1,150,288	2,193,732	29,413,584	3,524,395
West Virginia.	3						21	15		6				5,900		1,600		11,638	1,795
Wisconsin.	5	3	78	4			162	93	10	59	41	41		265,000	36,000	73,000	6,300	2,035,320	209,462

TABLE X.—TOBACCO, CHEWING AND SMOKING, AND SNUFF—1870-1860—Continued.

STATES.	MATERIALS—Continued.			PRODUCTS.											
	1870		1860	1870											1860
	All other materials.	All materials.	All materials.	Tobacco, chewing.		Tobacco, smoking.		Snuff.		Tobacco, stemm- ed, strips, and dried leaf.		All other products.	All products.	All products.	
The United States....	Dollars. 2,966,004	Dollars. 21,609,237	Dollars. 13,024,988	Pounds. 66,705,709	Dollars. 28,942,472	Pounds. 24,762,211	Dollars. 7,431,999	Pounds. 12,807,191	Dollars. 954,884	Pounds. 12,497,600	Dollars. 279,000	Dollars. 15,600	Dollars. 38,388,359	Dollars. 21,820,535	
Arkansas.....	600	3,600	5,310	15,800	5,800								5,800	17,300	
California.....	6,855	28,655		48,000	48,000	20,000	7,600					2,200	57,800		
Connecticut.....		6,055		9,445	6,112	10,934	8,217						14,829		
Delaware.....	1,235	110,779	11,600			18,000	5,400	701,070	133,318				138,718	47,200	
Georgia.....	12,136	201,529	35,245	780,874	364,261	4,063	813						365,074	64,695	
Illinois.....	294,093	1,499,093	50,825	3,786,134	1,477,044	4,453,540	1,478,716	1,145	234			6,475	2,971,469	61,500	
Indiana.....	64,785	187,113	16,800	307,205	250,270	147,913	22,074			944,600	73,390		354,734	44,700	
Iowa.....	6,510	59,510		247,000	106,600	158,000	36,000						142,600		
Kentucky.....	205,787	826,155	2,136,965	3,798,060	1,445,039	35,009	8,820			1,451,000	193,810		1,647,669	2,979,234	
Louisiana.....	2,620	78,320				445,200	155,800	26,000	6,800				101,880		
Maryland.....	37,115	251,542	40,250	152,650	58,587	1,850,433	529,203	251,450	69,479				657,269	72,130	
Massachusetts.....	8,952	19,907		27,804	25,631	73,225	21,657	65,900	26,143				73,431		
Michigan.....	103,108	1,056,012	3,000	2,202,414	1,161,636	2,015,046	473,694	10,174	5,037				1,640,367	6,000	
Mississippi.....	66	686		3,500	1,050								1,050		
Missouri.....	716,426	4,468,800	807,918	6,735,363	6,209,593	3,300,938	1,967,918	223,900	154,000				8,331,511	1,652,709	
New Jersey.....	8,977	271,405	117,300	411,800	262,450	315,700	94,400	293,700	102,350				459,209	242,000	
New York.....	893,117	6,004,568	1,037,745	15,506,408	8,195,819	5,788,706	1,132,017	1,114,350	345,498				9,676,136	1,717,810	
North Carolina.....	25,706	309,627	663,424	2,217,453	645,299	239,904	72,446						717,765	117,099	
Ohio.....	90,182	1,528,879	76,966	4,534,946	2,085,056	2,048,720	440,467	30,200	15,200				2,540,723	177,700	
Pennsylvania.....	61,847	282,223	83,495	1,061,645		729,106	238,173	158,696	96,825				914,245	137,110	
Tennessee.....		15,250	730,102	55,872		775	400			102,000	11,800		44,800	1,176,665	
Texas.....		1,600		8,000	3,600								3,600		
Virginia.....	515,070	4,030,405	7,163,943	24,324,023	6,310,735	1,572,499	469,454					6,925	6,636,104	12,236,683	
West Virginia.....	227	2,032		2,700	1,800	3,500	2,450						4,525		
Wisconsin.....		200,462	44,100	467,000	260,000	1,525,000	267,000						527,000	69,000	

* Under the general head of Tobacco in Table VIII (B) appear three specifications: "Tobacco and cigars," "Tobacco, chewing and smoking, and snuff," "Tobacco, cigars." For the purposes of Table X, the first class has been divided between the two remaining classes, so that the total production under the head of Tobacco, in Table X, is accounted for under the two heads of "Tobacco" and "Cigars." This change involved the separation of the cigars produced in establishments, whose main productions consisted of chewing or smoking tobacco. Thus the aggregate of the two classes, as by Table X, agree with the aggregate of the three classes, as by Table VIII (B.)

† The amounts of tobacco and snuff paying duty under the internal revenue acts, during the fiscal year ended June 30, 1870, were as follows: Of snuff, 1,168,070 pounds; of tobacco, chewing and other, 89,120,005 pounds. These amounts are inclusive of the quantities of the several articles imported, which were, for the same fiscal year—of snuff, 16,767 pounds; of tobacco, 5,981,863 pounds; leaving the amounts manufactured in the United States as follows: of snuff, 1,151,303 pounds; of tobacco, 83,138,142 pounds. The returns of the census for the year ended May 31, 1870, as will be seen above, exhibit a production of snuff, 2,867,191 pounds; of tobacco, 83,935,520 pounds.

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—*TOBACCO, CIGARS—1870-1860.

STATES AND TERRITORIES.	ESTABLISH- MENTS.		STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.						CAPITAL.		WAGES.			
	1870	1860	1870				1870			1860			1870	1860	1870	1860		
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	Dollars.	Dollars.	Dollars.	Dollars.	
The United States ...	4,631	1,478	16	2	30	1	26,049	21,409	2,615	2,025	7,997	7,266	731	11,368,516	3,035,555	9,098,709	2,531,354	
Alabama	14	3					35	34		1	4	3	1	9,950	3,500	9,785	1,644	
Arkansas	2						7	7						5,000		5,500		
California	88	17					1,834	1,791	43	33	32	32		681,345	10,950	583,555	29,684	
Connecticut	100	36					719	523	164	32	450	358	92	409,730	273,800	303,109	109,098	
Delaware	17	8					130	65	33	32	52	52		56,750	10,000	40,203	16,152	
District of Columbia	44	24					109	101	1	7	56	56		36,715	22,650	27,919	20,568	
Florida	13						254	254						257,500		204,910		
Georgia	15						58	47	8	3				40,000		15,655		
Illinois	237	28					1,025	873	33	119	93	93		1,047,070	43,930	345,269	29,820	
Indiana	133	23					670	607	16	47	124	124		258,565	45,700	235,078	31,560	
Iowa	71	8					310	289	5	25	39	39		152,050	14,300	117,983	16,320	
Kansas	27						135	120	1	14				66,100		62,405		
Kentucky	70	17					389	344	5	40	86	86		197,380	23,350	140,563	25,800	
Louisiana	42	35					272	268		4	134	134		58,000	31,200	112,344	45,840	
Maine	12	4					74	57	16	1	22	17	5	27,000	3,600	29,286	7,188	
Maryland	269	137					1,034	924	51	59	229	228	1	409,100	227,050	304,502	182,148	
Massachusetts	128	59					968	740	216	12	616	437	179	447,085	214,200	436,044	197,643	
Michigan	99	10					581	501	24	56	52	52		225,202	31,750	214,575	9,087	
Minnesota	14	0					57	55		2	10	10		39,400	3,200	19,546	3,900	
Mississippi		1									8	6	2		10,000		1,320	
Missouri	318	61					1,417	1,192	16	209	291	288	3	586,060	112,710	611,897	101,244	
Nebraska	12	7					43	39		4				29,400		28,416		
New Hampshire	12						60	54	15		90	70	20	31,675	26,200	26,300	24,444	
New Jersey	185	53	10	1	30	1	663	562	43	58	286	272	14	296,080	152,750	187,442	85,992	
New York	1,072	337					5,710	4,951	339	420	2,028	1,968	00	2,704,135	658,517	2,494,310	698,280	
North Carolina	1						1	1						50				
Ohio	406	155	6	1			2,499	2,053	137	309	777	755	22	826,369	215,685	769,937	230,136	
Oregon	2						8	8						4,200		3,700		
Pennsylvania	975	391					5,775	3,969	1,411	405	2,034	1,834	260	1,906,395	746,013	1,409,359	539,736	
Rhode Island	34	10					178	118	56	4	164	96	68	54,900	52,300	50,145	51,684	
South Carolina	1						15	15						10,000		6,500		
Tennessee	8	4					27	27			10	10		15,500	3,100	14,970	3,000	
Texas	17						44	36	4	4				8,530		8,459		
Vermont	7	3					42	38	2	2	37	34	3	31,350	14,500	25,800	10,368	
Virginia	35	23					114	103	1	10	99	99		29,425	32,500	30,590	31,608	
West Virginia	42						177	144	12	21				40,875		67,899		
Wisconsin	109	18					597	509	6	82	114	113	1	308,230	22,100	173,694	27,000	

TABLE X.—TOBACCO, CIGARS—1870-1860—Continued.

STATES AND TERRITORIES.	MATERIALS.					PRODUCTS.				
	1870		1860		All materials.	1870		1860		All products.
	Tobacco-leaf.	All other ma- terials.	All materials.	All materials.		Cigars.	All other products.	All products.	All products.	
	Pounds.	Dollars.	Dollars.	Dollars.		Thousands.	Dollars.	Dollars.	Dollars.	
The United States....	26,008,463	12,500,530	459,004	13,047,370	3,511,312	935,898	28,999,067	21,467	33,373,685	9,068,778
Alabama.....	23,230	9,290		9,290	3,800	864	33,850		33,850	6,500
Arkansas.....	6,000	3,200		3,200		325			14,000	
California.....	1,550,240	762,473	15,953	778,426	27,786	48,812	1,909,917		1,909,917	75,750
Connecticut.....	667,608	429,608	12,055	441,663	210,604	28,435			1,133,665	502,484
Delaware.....	134,832	42,666	2,510	45,176	20,410	5,482			131,578	44,030
District of Columbia.....	69,607	34,758	825	35,583	28,291	2,669			96,550	81,200
Florida.....	232,400	98,340	500	98,840		8,530			572,350	
Georgia.....	57,639	29,388	387	29,775		1,980			110,800	
Illinois.....	958,809	532,942	14,887	547,829	40,290	36,412	1,346,347	1,900	1,348,247	147,760
Indiana.....	608,681	288,563	5,751	294,314	50,600	20,355			793,581	123,936
Iowa.....	239,524	148,401	7,629	154,030	17,950	9,208		4,000	377,773	41,485
Kansas.....	122,988	81,491	2,315	83,806		4,891			223,800	
Kentucky.....	316,991	185,730	1,913	187,643	49,153	13,015			449,336	80,516
Louisiana.....	515,782	122,043	5,000	127,043	52,789	14,785			417,010	205,830
Maine.....	61,704	47,477	1,298	48,775	9,205	2,770			91,447	19,800
Maryland.....	858,955	405,500	7,237	412,737	247,713	34,524	1,114,968		1,114,968	690,764
Massachusetts.....	1,243,071	674,971	43,500	717,631	285,208	43,074	1,594,553	2,948	1,597,501	608,246
Michigan.....	553,642	389,346	2,947	392,293	35,520	21,298	931,736	420	932,156	65,800
Minnesota.....	55,000		1,350	30,260	4,773	1,399			72,880	9,450
Mississippi.....				7,000						12,000
Missouri.....	1,351,067	775,291	41,904	817,195	120,575	47,157	2,084,093		2,084,093	300,213
Nebraska.....	115,394	50,163	1,376	60,539		2,366		294	109,734	
New Hampshire.....	48,059		2,451	32,037	35,812	1,978			79,581	75,000
New Jersey.....	634,271	337,171	16,246	333,417	183,275	24,263	826,029		826,029	434,808
New York.....	6,102,510	3,610,077	88,981	3,699,058	914,581	205,174	9,258,722	5,800	9,264,522	2,404,251
North Carolina.....	800			400		40			1,000	
Ohio.....	2,671,134	943,865	72,395	1,016,260	265,984	83,930	2,766,808		2,766,808	750,015
Oregon.....	3,600	2,700	100	2,800		180			6,850	
Pennsylvania.....	5,337,133	1,904,439	90,119	1,994,558	731,201	211,919	5,319,748	500	5,320,248	1,794,550
Rhode Island.....	127,614	83,706	8,559	92,355	40,738	5,360			197,445	152,736
South Carolina.....	9,000	7,000		7,000		4,000			25,000	
Tennessee.....	34,296		400	30,525	2,172	1,470			65,325	8,000
Texas.....	22,220	9,675	325	10,000		597	25,765	5,370	31,135	
Vermont.....	61,201	42,928	250	43,178	13,300	1,942			87,600	30,800
Virginia.....	83,587	41,756	960	42,716	42,570	3,381	118,606		118,606	109,355
West Virginia.....	501,045	68,501	2,410	70,911		21,840	273,613	235	273,048	
Wisconsin.....	628,479	327,981	7,411	335,392	99,750	21,423	695,032		695,032	80,340

* Under the general head of Tobacco in Table VIII (B) appear three specifications: "Tobacco and cigars," "Tobacco, chewing and smoking, and snuff," "Tobacco, cigars." For the purpose of Table X, the first class has been divided between the two remaining classes, so that the total production under the head of Tobacco, in Table X, is accounted for under the two heads of "Tobacco" and "Cigars." This change involved the separation of the cigars produced in establishments, whose main productions consisted of chewing or smoking tobacco. Thus the aggregate of the two classes, as by Table X, agree with the aggregate of the three classes, as by Table VIII (B).

† Includes eight establishments manufacturing cigarettes in Cameron County.

TABLE X.—WOOLEN GOODS—1870-1860-1850.

STATES AND TERRITORIES.		ESTABLISHMENTS.			STEAM-ENGINES.		WATER-WHEELS.		MACHINES.					
		1870	1860	1850	1870				1870.					1860
		Number.	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Cards.	Daily capacity in carded wool.	Broad looms.	Narrow looms.	Spindles.	Cards.
The United States.....		2,891	1,260	1,559	35,900	1,051	59,332	2,092	Sets. 8,366	Pounds. 857,392	Number. 14,039	Number. 20,144	Number. 1,847,496	Sets. 3,209
1	Alabama.....	14	6	.....	12	1	160	10	24	1,836	.....	2	530	14
2	Arkansas.....	13	.....	.....	75	5	22	3	17	1,448	.....	.....	.....	.....
3	California.....	5	1	.....	435	6	40	1	46	8,000	163	22	3,880	6
4	Connecticut.....	108	84	149	2,258	32	6,148	131	660	70,085	1,190	1,703	178,470	265
5	Delaware.....	11	4	8	130	3	275	11	30	2,475	53	174	8,756	8
6	District of Columbia.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Florida.....	1	.....	.....	2	.....	.....	.....	1	50	.....	.....	.....	.....
8	Georgia.....	46	11	3	80	2	908	48	72	5,454	6	389	14,465	30
9	Illinois.....	109	21	16	2,437	91	463	21	250	21,302	210	423	36,888	37
10	Indiana.....	175	79	33	2,977	112	1,244	60	346	32,467	232	948	57,083	112
11	Iowa.....	85	12	1	1,126	45	1,037	39	199	19,482	133	241	31,462	13
12	Kansas.....	9	.....	.....	200	6	20	1	24	1,270	9	20	1,616	.....
13	Kentucky.....	125	37	25	1,651	65	247	23	208	17,768	34	288	10,509	83
14	Louisiana.....	2	1	.....	50	.....	.....	.....	12	500	20	80	4,000	4
15	Maine.....	107	26	36	140	2	4,453	124	331	33,020	962	199	65,249	80
16	Maryland.....	31	27	38	50	2	468	31	60	4,158	57	91	12,348	44
17	Massachusetts.....	185	134	119	5,421	94	12,270	243	1,307	159,484	4,469	3,374	470,785	821
18	Michigan.....	54	16	15	619	22	660	37	116	11,430	74	158	15,650	14
19	Minnesota.....	10	.....	.....	21	2	266	6	19	2,105	17	22	2,664	.....
20	Mississippi.....	11	4	.....	169	4	42	4	17	1,405	.....	30	344	13
21	Missouri.....	156	11	1	1,674	67	333	26	258	21,162	68	115	10,371	15
22	New Hampshire.....	77	51	61	583	9	4,879	116	351	41,550	909	699	117,057	146
23	New Jersey.....	29	35	41	627	15	474	26	81	10,700	182	421	23,457	61
24	New Mexico.....	1	.....	.....	.....	.....	50	1	1	100	4	1	240	.....
25	New York.....	252	140	249	2,040	38	7,405	270	845	84,470	1,344	1,127	162,540	324
26	North Carolina.....	52	7	1	84	3	334	39	78	5,698	11	86	2,806	23
27	Ohio.....	223	115	130	2,960	122	1,982	112	334	28,376	300	752	52,780	173
28	Oregon.....	9	1	.....	360	9	360	9	21	3,055	65	25	4,320	4
29	Pennsylvania.....	457	270	380	5,679	192	5,030	269	1,317	140,362	2,226	6,394	316,877	483
30	Rhode Island.....	65	57	45	2,175	28	3,288	70	474	64,630	652	1,710	157,089	253
31	South Carolina.....	15	1	.....	3	.....	166	13	25	1,458	2	7	350	10
32	Tennessee.....	148	1	4	481	32	773	78	177	10,307	20	60	3,614	1
33	Texas.....	20	2	1	134	7	6	.....	29	1,855	14	16	1,070	4
34	Utah.....	15	.....	.....	.....	.....	137	13	19	1,475	11	20	1,430	.....
35	Vermont.....	65	46	72	630	8	2,270	84	175	18,070	379	291	47,719	90
36	Virginia.....	68	45	121	32	2	1,132	66	116	8,011	61	76	6,236	50
37	West Virginia.....	74	.....	.....	599	22	732	48	132	10,152	50	70	6,387	.....
38	Wisconsin.....	64	15	9	340	12	1,238	50	134	11,013	112	110	16,445	19

TABLE X.—WOOLEN GOODS—1870-1860-1850—Continued.

STATES AND TERRITORIES.	MATERIALS.							
	1870	1860	1870				1860	1850
	Cotton.	Cotton.	Shoddy.	Warp, cotton.	Warp.	Wool domestic.	Wool.	Wool.
The United States.....	Pounds. 17,571,929	Pounds. 15,200,061	Pounds. 10,372,062	Yards. 1,312,560	Pounds. 140,733	Pounds. 154,767,095	Pounds. 83,603,468	Pounds. 70,863,829
Alabama.....	2,000	5,000	.....	.....	.....	196,500	264,435	.....
Arkansas.....	.....	.....	.....	.....	.....	115,330	.....	.....
California.....	100,000	.....	1,800	.....	.....	1,928,000	400,000	.....
Connecticut.....	2,138,011	1,472,508	2,388,417	.....	.....	15,798,545	7,179,819	9,414,100
Delaware.....	185,000	100,000	96,930	.....	.....	533,732	140,000	393,000
District of Columbia.....	.....	.....	.....	.....	.....	.....	.....	5,000
Florida.....	.....	.....	.....	.....	.....	550	.....	.....
Georgia.....	165,000	142,500	.....	.....	.....	620,937	1,008,000	153,816
Illinois.....	151,650	.....	.....	.....	.....	3,560,829	324,300	396,964
Indiana.....	513,595	.....	.....	.....	.....	4,949,461	940,000	413,350
Iowa.....	23,148	.....	1,225	.....	.....	2,273,428	168,700	14,500
Kansas.....	1,300	.....	.....	.....	.....	200,000	.....	.....
Kentucky.....	275,250	170,700	.....	.....	.....	1,639,367	1,452,500	673,900
Louisiana.....	1,500	.....	.....	.....	.....	50,325	69,150	.....
Maine.....	669,363	82,500	.....	.....	.....	7,338,501	2,414,300	1,438,434
Maryland.....	37,885	73,000	1,000	.....	.....	500,291	1,055,272	430,300
Massachusetts.....	2,813,449	4,855,370	5,994,110	.....	.....	37,146,190	33,516,797	22,229,952
Michigan.....	3,550	.....	.....	.....	.....	1,391,889	163,100	162,250
Minnesota.....	.....	.....	.....	.....	.....	254,857	.....	.....
Mississippi.....	32,700	75,600	.....	.....	.....	154,790	270,597	.....
Missouri.....	25,500	.....	.....	.....	.....	1,079,671	191,400	80,000
New Hampshire.....	1,079,120	89,000	1,380,000	1,312,560	.....	8,785,882	3,829,404	3,604,103
New Jersey.....	247,398	230,500	27,000	.....	102,893	2,191,178	1,175,800	1,516,289
New Mexico.....	.....	.....	4,000	.....	.....	50,000	.....	.....
New York.....	624,877	193,683	452,990	.....	22,135	16,146,873	7,453,004	12,538,786
North Carolina.....	19,000	.....	.....	.....	.....	355,693	504,500	30,000
Ohio.....	175,464	.....	.....	.....	.....	3,910,034	1,190,751	1,657,726
Oregon.....	.....	.....	.....	.....	.....	943,400	150,000	.....
Pennsylvania.....	6,989,201	4,337,000	7,866,861	.....	.....	21,349,389	7,128,529	7,560,379
Rhode Island.....	1,090,139	3,056,200	919,000	.....	.....	12,249,720	6,832,604	4,103,370
South Carolina.....	1,300	.....	700	.....	.....	55,696	250,000	.....
Tennessee.....	101,449	.....	2,062	.....	4,200	1,030,153	10,000	6,200
Texas.....	.....	18,000	.....	.....	.....	278,045	81,900	30,000
Utah.....	8,320	.....	.....	.....	.....	276,000	.....	.....
Vermont.....	77,600	279,500	225,967	.....	.....	3,470,667	4,047,010	2,322,100
Virginia.....	27,260	10,000	.....	.....	.....	741,000	1,131,000	1,554,110
West Virginia.....	.....	.....	.....	.....	7,170	673,003	.....	.....
Wisconsin.....					4,335	1,627,169	265,000	134,200

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—WOOLEN GOODS—1870-1860-1850—Continued.

HANDS EMPLOYED.									CAPITAL.			WAGES.			
1870				1860			1850			1870	1860	1850	1870	1860	1850
All.	Males above 16.	Females above 15.	Youth.	All.	Male.	Female.	All.	Male.	Female.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Average per month.
															Male. Female.
80,053	42,723	27,682	9,643	41,360	24,841	16,519	39,252	22,678	16,574	98,824,531	30,862,654	23,118,650	26,877,575	9,610,254	Dollars. Dollars.
41	38	1	2	198	95	103	.....	.....	.....	22,375	140,000	.....	4,881	34,116	.....
31	29	.....	.....	.....	.....	.....	.....	.....	.....	32,500	.....	.....	6,870	.....	.....
659	584	31	44	60	40	20	.....	.....	.....	1,785,000	100,000	.....	230,200	33,600	.....
7,297	4,257	2,381	659	3,767	2,303	1,459	5,488	2,907	2,581	12,486,000	2,491,000	3,773,950	2,869,370	949,020	24.12 12.66
399	186	110	103	114	76	38	140	122	18	384,500	117,000	148,700	115,137	27,564	18.79 17.33
1	1	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	30.00
563	251	191	121	383	107	216	78	40	38	936,585	242,500	68,000	123,138	63,348	27.47 14.10
1,736	1,040	408	238	102	123	34	178	124	54	2,902,443	207,600	154,500	533,185	44,004	22.00 12.52
2,469	1,450	711	308	533	436	97	246	189	57	3,831,913	404,341	171,545	726,113	150,276	21.81 11.05
1,088	685	293	110	120	96	24	7	7	.....	1,440,484	82,500	10,000	269,432	23,652	11.14
91	56	24	11	.....	.....	.....	.....	.....	.....	96,000	.....	.....	30,682	.....	.....
683	454	137	92	437	350	87	318	256	62	700,440	408,500	249,820	159,373	103,284	15.30 11.11
29	22	3	4	60	40	20	.....	.....	.....	34,000	75,000	.....	8,900	6,780	.....
3,042	1,582	1,250	210	1,027	539	488	624	310	314	4,167,745	932,400	407,600	1,047,151	263,216	22.57 11.77
327	247	67	13	381	248	133	362	262	100	205,245	318,200	244,000	82,019	86,712	11.89 11.69
20,550	10,761	7,439	2,350	12,969	7,659	5,310	11,130	6,167	4,963	20,633,405	8,993,953	9,089,342	7,298,302	3,032,721	22.95 14.22
667	403	208	51	126	77	49	129	78	51	1,011,050	103,950	94,000	202,813	30,672	21.65 11.47
146	77	60	9	.....	.....	.....	.....	.....	.....	246,650	.....	.....	45,592	.....	.....
116	34	31	51	235	202	33	.....	.....	.....	195,250	75,500	.....	28,600	22,620	.....
718	548	85	85	70	53	17	25	15	10	716,524	103,750	20,000	137,408	19,728	32.00 6.50
3,750	1,832	1,549	369	1,518	846	672	2,127	936	1,201	4,616,100	1,431,300	2,437,700	1,355,147	418,142	22.66 14.53
1,094	524	402	168	835	532	303	598	411	487	1,171,200	593,400	494,274	334,642	203,136	25.22 8.60
20	20	.....	.....	.....	.....	.....	.....	.....	.....	65,000	.....	.....	2,000	.....	.....
8,812	4,408	2,999	1,315	4,220	2,504	1,716	6,674	4,262	2,412	10,087,282	3,115,700	4,459,370	2,834,326	992,975	19.97 11.76
249	151	81	17	253	113	140	30	15	15	237,800	223,000	18,000	39,101	60,036	18.00 7.00
2,243	1,340	669	234	728	543	185	1,201	903	293	3,010,969	658,750	870,220	559,414	179,160	20.14 10.90
179	129	8	42	30	27	3	.....	.....	.....	389,200	70,000	.....	112,213	16,200	.....
12,764	5,825	5,066	1,873	6,088	3,738	2,350	5,720	3,490	2,236	14,238,935	4,339,310	3,005,064	4,373,628	1,410,324	19.23 10.41
0,363	3,354	2,198	811	4,229	2,593	1,636	1,758	987	771	8,167,500	3,168,500	1,013,000	2,228,402	1,069,176	20.70 15.18
53	32	13	8	93	37	55	.....	.....	.....	25,000	50,000	.....	3,815	11,400	.....
488	342	61	25	10	8	2	17	15	2	373,868	6,000	10,900	62,780	2,472	17.66 6.00
100	80	16	4	43	36	7	8	4	4	97,250	60,000	8,000	20,278	7,680	20.00 20.00
106	58	39	9	.....	.....	.....	.....	.....	.....	223,400	.....	.....	48,040	.....	.....
1,870	930	751	189	2,073	895	1,178	1,393	683	710	2,317,900	1,746,300	886,300	644,524	214,572	21.46 11.81
278	190	56	32	494	381	113	668	478	190	435,600	463,600	302,640	58,765	106,692	18.17 9.91
316	207	79	30	.....	.....	.....	.....	.....	.....	236,100	.....	.....	59,828	.....	.....
775	506	205	64	105	74	31	25	25	.....	1,242,280	100,600	31,225	229,306	27,036	22.48

TABLE X.—WOOLEN GOODS—1870-1860-1850—Continued.

MATERIALS.						PRODUCTS.									
1870				1860	1850	1870									
Wool.	Chemicals and dye-stuffs.	All other materials.	All materials.	All materials.	All materials.	Blankets.	Blankets, Horse.	Beavers.	Cloth, cas- simeres, and doe- skins.	Cloth, felted.	Cloths, negro.	Cottonade.	Coverlids.	Flannels.	
Pounds.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Pairs.	Number	Yards.	Yards.	Yards.	Yards.	Yards.	Number.	Yards.	
2,573,419	5,833,346	5,670,260	96,432,601	36,586,287	25,755,901	2,000,439	58,552	261,268	63,340,612	1,941,865	1,932,382	75,000	226,744	58,985,280	
		350	57,338	80,790											
		800	55,782												
	55,481	32,175	608,141	50,000		80,930			231,260					278,501	
	566,679	751,947	11,020,825	4,043,124	3,325,709	124,476	18,750		10,637,028	731,065				1,563,080	
	10,248	53,564	392,614	75,807	204,172	70			276,332					750	
					1,630										
		150													
	275	18,156	268,176	260,475	30,392				119,574						
	109,279	87,007	1,701,323	110,462	115,367	44,454			663,498					1,210,642	
	168,728	109,369	2,684,315	352,362	120,480	56,838			727,504	18,000				1,672,774	
	72,107	46,280	908,073	67,293	3,500	17,080			483,199					509,044	
	4,380	11,160	86,105			4,500			22,380					19,000	
	24,815	28,777	831,628	510,902	205,287	4,223			41,545	2,000				63,232	
	250	900	19,047	31,300											
	269,842	220,830	3,958,759	1,003,366	495,940	174,650	14,000	261,268	1,983,656	1,500				2,019,729	
	9,145	4,940	233,924	267,355	165,568	5,548	160		64,490	2,500				31,327	
	1,871,127	1,707,296	24,876,318	12,520,675	8,671,671	403,785			21,819,879	285,000				22,321,684	
	32,107	23,848	659,700	69,010	43,402	615			668,468					253,028	
	8,474	3,755	108,540			3,594			105,996					74,190	
	500	5,226	70,566	119,849											
	16,818	24,233	849,313	56,745	16,000	6,909			94,610					171,200	
	451,897	163,977	5,310,622	1,612,578	1,267,329	184,800			2,481,416	184,200				13,141,565	
	300	55,610	1,215,016	548,578	548,367	1,255	1,000		1,385,668	1,500				634,746	
	1,975		12,775			1,750			1,500					2,000	
	24,360	448,653	655,171	8,535,316	3,424,614	3,838,292	110,555	24,642	6,427,758	680,000				2,175,078	
	5,681	6,059	166,497	151,005	13,950				100,000					1,680	
	4,500	122,542	110,045	1,968,629	476,833	578,423	32,118		469,403					1,464,832	
	9,845	6,298	227,505	27,000		27,960			148,005					334,300	
	2,544,259	955,800	459,479	17,457,913	4,427,138	3,282,718	699,766		3,938,277	54,100		200,000		6,899,583	
	388,850	851,102	8,089,948	4,070,224	1,463,900	1,463,900			7,483,598		1,714,382	75,000	226,744	1,625,000	
	550	140	22,238	60,000		450									
	4,008	10,682	503,737	5,225	1,675	2,987			4,158					3,019	
	1,400	1,425	86,817	25,980	10,000	2,800			10,100						
	1,350	2,221	98,272			1,105			11,000					58,650	
	87,329	156,197	1,937,370	1,662,650	830,684	100			1,978,007					2,018,533	
	11,974		317,800	389,204	489,899	687			276,610					19,235	
	7,932	5,115	307,051			3,005			59,623					136,445	
	48,605	19,564	685,368	85,743	32,630	3,290			625,940					348,627	

SPECIAL STATISTICS OF MANUFACTURES.

TABLE X.—WOOLEN GOODS—1870-1860-1850—Continued.

STATES AND TERRITORIES.	PRODUCTS—Continued.										
	1870										
	Frocking.	Hosiery.	Jeans.	Kersey.	Linsey.	Repellants.	Robes, cur- riage.	Rolls.	Satinets.	Shawls.	Skirts, bal- moral.
The United States	Yards. 75,000	Dozens. 21,460	Yards. 24,489,985	Yards. 5,506,902	Yards. 14,130,274	Yards. 2,663,767	Number. 22,500	Pounds. 8,683,009	Yards. 14,072,559	Number. 2,312,761	Yards. 280,000
1 Alabama				8,500				67,910			
2 Arkansas								102,400			
3 California		4,000									
4 Connecticut			1,220,000		960,000			8,530	4,093,067	160,718	
5 Delaware			590,000	96,000				10,000			
6 District of Columbia											
7 Florida								500			
8 Georgia			177,155	444,200				220,686			
9 Illinois		410	813,573		7,425			410,800	15,652	22,353	
10 Indiana			2,193,026	18,600	26,290			474,318	183,977	100	
11 Iowa			106,959	2,200	6,800			350,606	44,750	380	
12 Kansas			28,380					56,300			
13 Kentucky			1,244,578		47,712			757,227	1,500	112	
14 Louisiana								22,500			
15 Maine				30,000		1,707,767	22,500	530,961		33,300	
16 Maryland			4,610	380,400	3,980				16,720		
17 Massachusetts				9,600				23,500	7,701,880	583,435	280,000
18 Michigan			1,400	4,000	200			211,600	16,300	60	
19 Minnesota								36,000			
20 Mississippi				6,000	152,891						
21 Missouri			137,920		21,500			1,169,499	5,350	4,000	
22 New Hampshire	75,000	16,000		1,001,000				110,075	720,507		
23 New Jersey			126,652			384,000		19,000	171,833		
24 New Mexico			2,000								
25 New York			15,000	44,093	16,000			739,676	361,800	505,023	
26 North Carolina			153,452		22,971			198,088			
27 Ohio			993,926	4,150	19,160			554,518	273,210	15,000	
28 Oregon								23,320			
29 Pennsylvania		1,050	14,171,662	1,648,375	10,718,994	406,000		549,213	181,589	670,680	
30 Rhode Island			2,187,156	1,658,725	1,891,258	54,000		5,400	220,000	100,000	
31 South Carolina			13,000					39,238			
32 Tennessee			145,602		23,167			750,900	5,000	400	
33 Texas				87,500				156,290			
34 Utah			4,000	2,000	17,000			87,370			
35 Vermont						112,000		127,936	75	180,000	
36 Virginia			3,000	37,659	32,175			269,068	42,850		
37 West Virginia			89,306	23,000	54,751			224,745			
38 Wisconsin			7,478		500			374,187	15,600	35,200	

TABLE X.—WOOLEN GOODS—1870-1860-1850—Continued.

STATES AND TERRITORIES.	PRODUCTS—Continued.										
	1870										
	Skirts, bal- moral.	Tweeds & twills.	Warp.	Yarn.	Yarn, hos- iery.	Yarn, shoddy.	Goods not specified.	Miscellan- eous ar- ticles.	All pro- ducts.	1860	1850
The United States	Dollars. 1,217,800	Yards. 2,853,458	Pounds. 122,000	Pounds. 14,156,237	Pounds. 223,000	Pounds. 1,569,000	Yards. 102,000	Dollars. 3,251,368	Dollars. 155,405,358	Dollars. 61,894,926	Dollars. 43,207,545
1 Alabama				107,800					89,098	191,474	
2 Arkansas									78,600		
3 California								120,342	1,102,754	150,000	
4 Connecticut		650,000		461,550				160,960	17,371,048	6,840,220	6,465,216
5 Delaware			122,000	20,500				921	570,067	153,035	251,000
6 District of Columbia											2,400
7 Florida									500		
8 Georgia				40,000					471,523	464,420	88,750
9 Illinois		29,909		549,088				50,303	2,840,240	187,613	206,572
10 Indiana		38,540		709,517				94,209	4,329,711	649,771	205,892
11 Iowa				339,485				5,009	1,047,606	127,640	13,000
12 Kansas				40,000					1,153,150		
13 Kentucky				21,440				12,625	1,312,458	845,226	318,819
14 Louisiana								15,795	30,795	45,200	
15 Maine				8,600				6,398,881	6,398,881	1,717,007	753,300
16 Maryland				72,100				427,596	427,596	605,992	295,140
17 Massachusetts		808,920		1,235,161				192,044	39,502,542	10,655,787	12,770,565
18 Michigan		13,000		78,174				16,152	1,204,868	139,246	90,242
19 Minnesota				9,350				7,489	210,862		
20 Mississippi				2,087				8,100	147,323	158,507	
21 Missouri		5,000		289,525				3,764	1,256,213	143,025	50,000
22 New Hampshire		32,000		485,600				27,130	8,766,104	2,601,653	2,127,745
23 New Jersey				187,100				13,664	1,003,825	1,085,104	1,164,446
24 New Mexico								1,500	21,000		
25 New York		96,000		564,033			102,000	1,430,639	14,394,786	5,870,117	7,030,604
26 North Carolina									298,638	201,000	23,750
27 Ohio		119,340		689,706				56,664	3,227,609	825,000	1,111,027
28 Oregon		18,000		1,000					505,857	85,000	
29 Pennsylvania	1,217,800	1,000,749		7,696,889	223,000	1,569,000		874,828	27,580,586	8,191,075	5,331,566
30 Rhode Island				233,500				50,040	12,558,117	6,915,205	2,381,825
31 South Carolina									34,450	80,000	
32 Tennessee				79,002					696,844	8,100	6,310
33 Texas				400					152,968	38,796	15,000
34 Utah				1,000					199,600		
35 Vermont		26,000		6,400				3,575	3,619,459	2,935,626	1,579,161
36 Virginia				5,800				5,010	483,352	717,827	841,013
37 West Virginia				116,382				20,450	475,703		
38 Wisconsin		10,000		105,048				10,570	1,280,407	172,720	87,992

SPECIAL STATISTICS OF MANUFACTURES.

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TABLE X.—WORSTED GOODS—1870-1860.

STATES.	ESTABLISHMENTS.		STEAM-ENGINES.		WATER-WHEELS.		MACHINES.								HANDS EMPLOYED.						CAPITAL.		
	1870	1860	1870			1870							1860	1870			1860			1870	1860		
	Number.	Number.	Horse-power.	Number.	Horse-power.	Number.	Braiders.	Cards.	Domestic combing-machines.	Foreign combing-machines.	Knitting-machines.	Looms.	Spindles.	Cards.	All.	Males above 16.	Females above 15.	Youth.	All.	Males.	Females.	Dollars.	Dollars.
United States..	102	3	3,382	71	4,634	40	No. 7,334	Sets 98	No. 95	No. 66	No. 176	No. 6,128	No. 200,617	Sets.	12,920	3,864	7,152	1,904	2,378	1,101	1,277	10,685,778	3,230,000
Connecticut.....	6		128	4	65	2	1,069			3		104	3,620		370	96	191	83				495,000	
Maine.....	1				60	2	1,500	4					1,400		5,62	10	37	15				20,000	
Massachusetts.....	35	2	730	19	2,579	25	1,980		64	54	14	3,341	96,826	52	5,275	1,626	3,199	450	1,308	706	602	2,830,500	2,030,000
New Hampshire.....	2	1			1,525	3				2		46	8,022	53	1,161	355	700	106	1,070	305	675	700,000	1,200,000
New Jersey.....	5		65	2	75	3	300		6			119	3,312		281	109	107	65				198,000	
New York.....	7		5	1	120	2	47	8		1		74	3,720		251	42	140	69				112,200	
Ohio.....	2		35	2			300								86	11	41	34				56,000	
Pennsylvania.....	31		1,211	22	25	1	977	74	17	3	133	1,423	23,237		3,868	1,318	1,743	297				2,350,078	
Rhode Island.....	11		1,208	15	140	2	2,161	10	4	3	29	1,021	58,854		1,531	290	986	255				2,300,000	
Vermont.....	1				45	1		2					1,536		25	5	8	12				13,000	
Wisconsin.....	1														10	2		8				2,000	

TABLE X.—WORSTED GOODS—1870-1860—Continued.

STATES.	WAGES.		MATERIALS.											
	1870	1860	1870		1860	1870		1860	1870		1860	1870		1860
	Dollars.	Dollars.	Chemicals, &c.	Cotton.	Cotton.	Shoddy.	Domestic wool.	Foreign wool.	Domestic wool.	Cotton yarn.	Woolen yarn.	Worsted yarn.	All materials.	All materials.
United States ..	4,368,857	543,684	Dollars. 1,259,016	Pounds. 2,463,808	Pounds. 1,653,000	Pounds. 12,342	Pounds. 13,317,319	Pounds. 3,836,983	Pounds. 3,000,000	Pounds. 3,140,500	Pounds. 46,240	Pounds. 1,958,820	Dollars. 14,363,193	Dollars. 2,442,775
Connecticut.....	120,700	18,000	120,800	69,000	100,000	.....	45,000	145,000	.....	.....	.....	37,000	330,000	.....
Maine.....	18,000	.....	.....	100,000	.....	.....	.....	.....	.....	25,000	.....	.....	53,000	.....
Massachusetts.....	1,678,462	291,684	541,405	876,868	821,000	.....	0,163,816	2,175,234	1,430,000	1,116,000	6,240	505,260	5,603,048	1,315,800
New Hampshire.....	378,017	252,000	68,231	591,874	773,000	.....	1,077,915	500,000	1,560,000	.....	.....	.....	1,032,118	1,120,975
New Jersey.....	98,000	.....	29,400	55,000	.....	.....	185,000	90,740	.....	105,000	15,000	75,000	292,240	.....
New York.....	57,000	.....	14,900	56,800	.....	.....	66,000	6,000	.....	300	.....	20,450	94,300	.....
Ohio.....	14,750	.....	7,740	.....	.....	.....	.....	.....	.....	.....	.....	198,000	151,240	.....
Pennsylvania.....	1,363,334	.....	234,038	107,266	.....	12,342	4,359,588	500,000	.....	925,000	.....	880,380	4,932,940	.....
Rhode Island.....	634,090	.....	241,950	607,000	.....	.....	1,400,000	360,000	.....	.....	.....	260,850	1,730,210	.....
Vermont.....	5,104	.....	462	.....	.....	.....	20,000	.....	.....	200	.....	.....	18,602	.....
Wisconsin.....	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,000	2,000	.....

TABLE X.—WORSTED GOODS—1870-1860—Continued.

STATES.	PRODUCTS.													
	1870													1860
	Braids and laces.	Cloaking.	Delaines.	Fancy goods.	Shawls.	Shirts and drawers.	Balmoral skirts.	Other skirting.	Webbing and tape.	Worsted dress goods.	Woolen yarn.	Worsted yarn.	Zephyr goods.	All products.
United States ..	Pounds. 2,324,330	Yds. 5,000	Yards. 40,804,385	Dollars. 1,974,957	No. 111,404	Doz. 4,080	Yards. 433,288	Yards. 51,851	Yards. 2,036,000	Yards. 12,057,003	Pounds. 284,100	Pounds. 4,047,750	Lbs. 3,900	Dollars. 22,093,331
Connecticut.....	321,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	591,030
Maine.....	125,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,000
Massachusetts.....	584,240	.....	26,169,385	894,757	.....	.....	86,880	.....	.....	2,923,206	.....	1,935,086	.....	8,280,511
New Hampshire.....	.....	.....	8,135,000	67,000	.....	.....	.....	.....	.....	.....	.....	426,964	.....	1,447,422
New Jersey.....	90,000	5,000	.....	.....	15,000	.....	261,000	.....	2,000,000	.....	.....	24,820	.....	518,980
New York.....	107,000	.....	.....	87,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	237,400
Ohio.....	192,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180,000
Pennsylvania.....	253,000	.....	.....	900,100	96,404	4,080	85,403	51,851	96,000	0,073,800	201,600	1,581,000	3,800	7,833,033
Rhode Island.....	651,090	.....	6,500,000	19,700	.....	.....	.....	.....	.....	.....	83,500	.....	.....	2,835,950
Vermont.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,300	.....	25,000
Wisconsin.....	.....	.....	.....	6,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,000