TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
ADAMS COUNTY.							
Agricultural implements—Threshing machines and separators	3	$17,000	$9,100	29	.....	$11,580	$29,500
Blacksmithing	7	1,955	2,311	9	.....	2,760	6,415
Boots and shoes	6	950	2,580	9	.....	2,916	5,995
Carriages	3	21,000	6,600	28	1	7,680	19,750
Flour and meal	26	162,100	313,027	62	.....	18,480	365,260
Furniture, cabinet	2	1,075	575	3	.....	1,020	1,640
Leather	9	23,300	20,288	23	.....	6,048	33,720
Liquors, distilled	2	185,000	77,550	43	.....	13,500	97,500
Lumber, sawed	22	44,100	29,360	49	.....	14,688	55,620
Oil, linseed	1	10,000	11,000	2	.....	720	13,000
Provisions—Pork, beef, &c	1	3,000	37,000	40	.....	9,600	52,000
Saddlery and harness	6	3,500	2,995	10	.....	3,600	8,580
Stone quarrying	1	600	.....	3	1	1,020	2,000
Wagons, carts, &c	2	850	250	3	.....	900	1,304
Wool carding	1	1,100	2,320	1	.....	420	3,000
Total	92	475,530	514,956	314	2	94,932	695,284
ALLEN COUNTY.							
Agricultural implements—Grain cradles and scythe snaths	1	1,700	259	3	.....	720	1,032
Ploughs, cultivators, &c	1	1,000	135	3	.....	780	1,650
Ashes, pot and pearl	2	1,400	3,570	4	.....	1,200	14,950
Boots and shoes	4	7,500	4,118	13	.....	4,008	8,201
Carriages	1	1,000	1,868	6	.....	2,220	5,170
Flour and meal	8	49,000	148,950	20	.....	4,656	174,481
Furniture, cabinet	2	6,000	850	10	.....	2,928	5,550
Iron castings	1	4,000	1,425	5	.....	2,160	5,850
Stoves	1	4,000	1,475	5	.....	2,160	5,850
Leather	1	1,500	600	1	.....	240	1,100
Lumber, sawed	19	31,400	22,450	50	.....	12,576	51,670
Printing	2	2,800	540	6	.....	1,872	3,836
Saddlery and harness	1	2,500	2,585	4	.....	756	4,135
Sash, doors, and blinds	2	8,600	3,173	11	.....	3,960	7,202
Tin, copper, and sheet-iron ware	2	3,500	1,730	4	.....	1,836	4,405
Wagons, carts, &c	2	1,800	2,160	6	.....	1,800	4,320
Wool carding	1	2,500	4,536	2	.....	600	5,286
Total	51	130,200	200,424	153	.....	44,472	304,688
ASHLAND COUNTY.							
Agricultural implements, general	3	29,500	6,359	29	.....	6,000	34,880
Blacksmithing	4	3,650	1,540	15	.....	3,240	6,315
Boots and shoes	9	12,200	8,823	28	.....	7,212	20,332
Carriages	1	4,500	2,794	15	.....	4,608	9,550
Clothing	3	19,900	14,122	13	40	9,420	30,706
Fire-arms	1	350	257	1	.....	360	875
Flour and meal	18	92,900	212,283	35	.....	9,684	248,659
Furniture, cabinet	3	2,700	935	6	.....	2,040	3,335
Gas	1	7,000	650	2	.....	600	2,200
Leather	10	17,600	14,879	23	.....	5,220	26,906
Liquors, distilled	1	1,500	633	1	.....	144	1,820
Liquors, malt	1	5,000	1,860	1	.....	168	2,916
Lumber, sawed	23	70,750	21,100	46	.....	12,072	42,290
Millinery	3	1,650	1,665	.....	6	876	3,528
Oil, linseed	1	4,000	1,130	1	.....	192	1,800
Printing	1	11,000	1,100	7	.....	1,500	7,500
Saddlery and harness	3	1,900	1,740	5	.....	1,392	3,747
Tin, copper, and sheet-iron ware	3	5,500	3,309	8	.....	2,220	9,099

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
ASHLAND COUNTY—Continued.							
Wagons, carts, &c	2	$2,550	$1,060	7	.....	$1,188	$4,650
Wool carding	1	1,800	2,450	1	4	780	3,332
Woollen goods	2	16,500	31,400	15	12	7,284	66,600
Total	94	312,450	330,109	259	62	76,200	531,040
ASHTABULA COUNTY.							
Agricultural implements—Miscellaneous	1	200	100	2	.....	480	550
Grain cradles and scythe snaths	1	2,000	500	5	.....	1,200	3,000
Mowers and reapers	2	4,300	2,452	13	.....	4,660	17,600
Ploughs, cultivators, &c	1	2,000	810	3	.....	1,020	2,500
Rakes	1	500	50	1	.....	300	500
Threshing machines and separators	1	500	202	1	.....	360	700
Ashes, pot and pearl	1	500	556	2	.....	600	1,220
Blacksmithing	10	2,550	2,282	14	.....	4,560	7,964
Bookbinding	1	1,000	500	2	.....	660	2,000
Boots and shoes	22	7,725	17,386	60	2	17,448	42,997
Brick	1	250	500	6	.....	690	2,400
Carriages	5	17,700	3,944	26	.....	11,784	18,705
Cheese boxes	3	1,300	886	4	.....	1,080	3,675
Cheese presses and vats	1	100	450	1	.....	396	1,500
Cigars	1	1,000	1,300	4	2	1,680	7,300
Clothing	2	2,150	2,994	3	4	1,500	4,725
Cooperage	1	100	300	2	.....	540	1,025
Flour and meal	16	45,580	88,376	18	.....	5,508	101,227
Furniture, cabinet	4	7,200	2,334	15	2	5,616	11,600
Glue	1	8,000	825	2	.....	600	1,500
Iron castings	1	3,400	500	3	.....	840	1,800
Stoves	1	6,000	2,222	7	.....	2,940	8,000
Leather	17	58,400	77,774	58	.....	17,976	103,006
Leather, morocco	1	2,000	1,530	1	2	540	3,000
Lime	1	1,000	1,150	2	.....	280	1,500
Lumber, planed	5	9,200	13,855	12	.....	3,948	22,010
Lumber, sawed	83	105,640	78,095	235	.....	68,016	197,330
Machinery, steam-engines, &c	3	5,400	1,700	7	.....	2,580	5,875
Marble and stone work	1	500	665	3	.....	884	1,650
Matches	1	500	154	1	2	600	800
Oil, linseed	1	1,000	1,475	1	.....	300	1,810
Printing	2	2,600	1,160	8	.....	1,740	6,400
Pumps and blocks	1	2,000	710	2	.....	600	3,000
Saddlery and harness	14	5,950	7,967	31	.....	8,712	20,081
Sash, doors, and blinds	5	4,600	1,311	8	.....	2,928	5,124
Shingles	4	2,000	1,565	7	.....	1,584	3,725
Tin, copper, and sheet-iron ware	7	9,300	6,961	12	.....	3,864	15,202
Turning, scroll sawing, and moulding	4	5,600	4,270	30	.....	9,396	16,305
Wagons, carts, &c	2	650	244	3	.....	900	1,360
Wool carding	2	2,500	4,770	2	2	420	5,950
Woollen goods	3	9,000	6,061	11	7	4,212	11,459
Wool pulling	1	6,000	8,750	3	.....	240	9,292
Total	236	347,895	349,636	631	23	194,182	677,367
ATHENS COUNTY.							
Blacksmithing	4	1,750	1,094	8	.....	2,400	4,452
Boots and shoes	6	3,700	5,563	19	.....	5,400	16,794
Carriages	6	8,200	4,113	17	.....	5,796	12,830
Clothing	2	7,800	8,500	4	10	2,400	12,150
Coal, bituminous	7	49,450	1,485	120	.....	31,200	49,700
Flour and meal	16	70,400	242,216	33	.....	9,960	263,938
Furniture, cabinet	4	3,950	410	4	.....	1,416	4,030
Leather	11	26,815	17,949	25	.....	6,288	29,028
Lumber, sawed	23	32,200	22,583	56	.....	13,128	46,944

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
ATHENS COUNTY—Continued.							
Machinery, steam-engines, &c	1	$3,000	$2,350	6	.....	$2,808	$7,100
Marble and stone work	1	800	2,000	4	.....	1,080	3,500
Pottery ware	1	1,000	100	2	1	660	800
Printing	1	3,000	816	5	.....	1,260	2,400
Provisions—Pork, beef, &c	1	10,000	8,525	6	.....	2,160	12,000
Saddlery and harness	5	2,700	2,622	12	.....	3,444	6,141
Salt	5	96,000	31,139	68	.....	19,920	59,050
Sash, doors, and blinds	1	250	180	1	.....	360	575
Tin, copper, and sheet-iron ware	1	8,000	1,200	2	.....	840	2,585
Wagons, carts, &c	2	1,400	320	3	.....	1,356	1,700
Wool carding	2	1,500	8,360	2	.....	600	9,860
Total	100	331,915	361,525	397	11	112,476	545,577
AUGLAIZE COUNTY.							
Blacksmithing	5	3,925	2,690	12	.....	3,672	7,875
Boots and shoes	3	4,000	4,100	13	.....	4,200	9,600
Brick	3	2,800	600	6	.....	2,150	2,800
Carriages	1	200	100	2	.....	720	950
Cigars	1	3,500	1,000	5	.....	1,560	4,500
Flour and meal	14	71,200	253,842	32	.....	9,552	281,159
Furniture, cabinet	3	1,900	520	6	.....	1,632	3,650
Leather	6	12,000	10,050	13	.....	2,532	20,800
Liquors, distilled	1	4,000	6,750	3	.....	900	12,500
Liquors, malt	5	6,700	3,270	9	.....	2,292	8,200
Lumber, planed	2	8,000	19,800	12	.....	2,880	32,500
Lumber, sawed	27	40,900	31,347	64	.....	17,376	85,750
Oil, linseed	1	1,000	1,000	1	.....	300	1,300
Printing	1	2,000	200	4	.....	1,440	1,700
Pumps and blocks	1	400	150	1	.....	360	600
Saddlery and harness	2	1,800	950	2	.....	780	2,380
Tin, copper, and sheet-iron ware	5	6,900	3,340	12	.....	3,180	9,250
Woollen goods	1	5,000	6,100	3	2	1,116	7,500
Total	83	176,225	345,809	200	2	56,642	493,014
BELMONT COUNTY.							
Agricultural implements—Threshing machines and separators	7	43,600	24,149	52	.....	18,324	61,149
Blacksmithing	10	3,275	2,233	20	.....	3,960	7,775
Boots and shoes	17	7,535	12,539	42	2	12,420	27,098
Bread and crackers	1	1,350	1,318	1	.....	288	1,814
Brooms	2	1,300	1,360	4	.....	1,140	3,600
Carriages	1	800	300	2	.....	480	800
Cement	1	5,000	300	10	.....	1,800	2,500
Cigars	2	2,000	1,400	10	.....	2,460	5,270
Clothing	7	7,020	9,063	14	5	4,992	16,280
Coal, bituminous	1	20,000	.....	35	.....	8,400	20,000
Cooperage	5	10,090	3,036	46	.....	5,040	10,490
Cordage	1	1,000	800	4	.....	1,200	2,000
Flour and meal	23	115,750	238,656	38	.....	11,760	271,281
Furniture—Cabinet	3	2,050	1,356	8	.....	2,280	4,026
Chairs	2	650	497	5	.....	1,260	1,855
Iron castings	1	25,000	12,800	20	.....	7,200	24,000
Stoves	1	5,300	3,902	10	.....	3,000	7,000
Leather	5	4,700	3,720	7	.....	1,572	6,065
Lumber, sawed	12	11,900	4,895	17	.....	4,320	12,660
Paper, wrapping	2	15,500	14,460	28	.....	13,824	52,315
Pottery ware	1	200	54	1	.....	312	500
Printing	3	2,800	1,739	13	.....	1,920	9,100
Saddlery and harness	10	6,113	6,913	15	.....	4,104	12,761
Sash, doors, and blinds	2	46,000	25,000	17	.....	6,048	55,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
BELMONT COUNTY—Continued.							
Tin, copper, and sheet-iron ware	5	$3,400	$2,715	7	.....	$2,184	$6,770
Wagons, carts, &c	2	3,080	1,660	6	.....	1,800	3,500
Wool carding	2	4,000	7,000	3	.....	768	9,000
Woollen goods	4	11,400	10,950	8	2	2,184	25,635
Total	133	360,813	392,815	443	9	125,040	666,244
BROWN COUNTY.							
Agricultural implements—Mowers and reapers	1	4,500	1,092	5	.....	2,880	5,280
Ploughs and cultivators	2	1,600	940	11	.....	5,280	10,100
Threshing machines and separators	2	6,000	8,570	14	.....	5,328	16,000
Blacksmithing	16	12,550	8,034	32	.....	10,620	38,950
Boots and shoes	17	17,300	12,325	57	.....	21,960	57,160
Brick	1	1,000	4,000	10	.....	1,500	3,000
Carriages	3	5,200	4,100	14	.....	4,620	10,609
Clothing	1	2,000	2,600	3	.....	600	3,450
Cooperage	12	20,000	16,391	76	.....	25,524	54,407
Fire-arms	1	300	400	1	.....	480	1,100
Flour and meal	23	144,000	451,560	61	.....	17,400	524,008
Furniture, cabinet	2	2,500	1,500	5	.....	1,344	7,000
Leather	5	17,350	12,835	13	.....	3,612	26,552
Liquors, distilled	1	14,000	49,275	15	.....	5,400	114,320
Liquors, malt	2	6,500	2,800	4	.....	960	16,000
Lumber, sawed	14	31,800	40,800	42	.....	12,780	64,960
Machinery, steam-engines, &c	3	5,000	5,360	10	.....	4,200	12,600
Provisions—Pork, beef, &c	4	56,000	241,000	84	.....	21,756	276,000
Saddlery and harness	6	3,100	3,595	15	.....	5,076	9,345
Tin, copper, and sheet-iron ware	4	7,000	3,270	8	.....	2,856	8,775
Wagons, carts, &c	4	4,600	3,100	15	.....	6,360	10,800
Woollen goods	1	2,200	1,010	2	2	600	2,170
Total	125	364,500	870,957	497	2	161,136	1,272,577
BUTLER COUNTY.							
Agricultural implements—Mowers and reapers	1	40,000	21,595	55	.....	17,820	64,250
Ploughs, cultivators, &c	3	3,150	2,790	12	.....	4,056	12,500
Threshing machines and separators	1	2,000	6,150	45	.....	15,000	37,500
Blacksmithing	18	13,075	6,819	32	.....	9,900	25,785
Boots and shoes	17	20,200	20,145	64	5	18,468	50,816
Bread and crackers	2	6,500	3,700	4	.....	960	7,402
Brick	3	2,200	500	16	.....	2,500	7,100
Brooms	4	4,525	25,027	31	.....	9,300	40,425
Carpentering	1	300	80	2	.....	468	600
Carriages	3	10,100	4,710	20	.....	6,120	13,200
Cigars	2	700	375	3	.....	744	1,200
Clothing	2	600	900	4	.....	840	2,000
Cooperage	7	6,100	7,240	23	.....	7,080	16,645
Fire-arms	1	300	225	1	.....	480	1,865
Flour and meal	23	371,300	718,900	55	.....	18,912	840,177
Furniture—Cabinet	6	10,500	5,750	17	.....	6,156	14,780
Chairs	1	200	250	2	.....	600	800
Hats	1	600	350	1	.....	420	1,800
Iron castings	1	30,000	12,125	25	.....	10,440	35,000
Leather	3	36,862	21,475	18	.....	7,296	36,680
Liquors, distilled	1	20,000	20,000	8	.....	1,920	38,000
Liquors, malt	1	3,000	1,875	2	.....	720	6,000
Lumber, sawed	23	63,900	36,660	58	.....	15,948	62,350
Machinery, steam-engines, &c	2	55,000	37,338	95	.....	36,600	129,500
Marble and stone work	2	13,000	3,700	20	.....	6,600	14,000
Millinery	1	400	50	.....	2	192	500
Paper, printing	5	247,000	244,577	148	57	39,624	388,036
Paper, writing	1	10,000	7,950	10	.....	2,400	14,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
BUTLER COUNTY—Continued.							
Pottery ware	1	$300	$100	2	.....	$480	$700
Saddlery and harness	10	9,350	9,595	23	.....	7,068	21,170
Sash, doors, and blinds	2	7,500	425	7	.....	3,456	7,026
Saws	1	20,000	20,000	20	.....	7,200	40,000
Spokes, hubs, and felloes	1	15,000	3,000	9	.....	3,300	6,000
Stone quarrying	1	50	.....	2	.....	672	800
Tin, copper, and sheet-iron ware	2	6,200	1,740	4	.....	1,140	3,500
Wagons, carts, &c	11	7,300	3,033	21	.....	6,840	12,990
Wool carding	1	1,000	350	1	.....	240	600
Woollen goods	2	8,800	10,500	13	2	3,360	16,025
Total	168	1,047,012	1,259,999	873	66	275,320	1,971,722
CARROLL COUNTY.							
Blacksmithing	1	400	100	2	.....	444	1,000
Boots and shoes	3	3,400	2,000	9	2	2,700	5,300
Brick	1	500	75	2	.....	200	800
Carriages	3	4,445	3,000	8	.....	2,544	6,000
Churns	1	300	200	1	.....	480	700
Flour and meal	11	59,500	57,688	16	.....	5,220	71,451
Leather	3	4,800	3,305	5	.....	1,632	5,970
Liquors, distilled	1	500	300	2	.....	540	1,000
Lumber, sawed	7	14,700	4,100	13	.....	3,660	10,284
Machinery, steam-engines, &c	2	20,800	12,700	34	.....	9,840	37,800
Printing	2	1,500	140	7	.....	1,800	2,000
Saddlery and harness	3	1,800	1,600	6	.....	1,632	5,730
Tin, copper, and sheet-iron ware	1	800	700	2	.....	420	1,400
Washing machines	1	1,000	800	1	.....	300	1,275
Wool carding	1	3,000	2,400	1	1	456	3,580
Total	41	117,445	89,108	109	3	31,868	154,290
CHAMPAIGN COUNTY.							
Agricultural implements—Mowers and reapers	1	20,000	1,050	10	.....	4,200	10,000
Blacksmithing	3	2,050	1,477	6	.....	1,800	5,075
Boots and shoes	5	2,400	3,621	13	.....	3,564	8,675
Carriages	2	7,700	5,100	15	.....	5,196	17,600
Flour and meal	15	157,500	324,462	30	.....	10,032	371,805
Furniture, cabinet	1	450	450	2	.....	600	1,200
Gas	1	15,000	700	3	.....	1,320	3,799
Iron castings—Stoves	1	18,000	4,700	13	.....	4,800	16,100
Leather	5	36,800	17,730	24	.....	6,732	30,410
Leather, patent and enamelled	1	30,000	25,000	25	.....	10,800	51,000
Lime	1	2,300	462	1	.....	182	900
Liquors, distilled	4	38,500	64,100	11	.....	3,792	97,800
Lumber, sawed	10	27,800	14,140	24	.....	5,196	29,600
Machinery, steam-engines, &c	1	40,000	27,400	40	.....	16,800	65,000
Saddlery and harness	2	1,700	5,328	7	.....	2,040	8,200
Wagons, carts, &c	1	500	445	3	.....	936	2,000
Woollen goods	3	9,250	8,800	13	3	3,840	17,450
Total	57	409,950	504,965	240	3	81,830	736,614
CLARK COUNTY.							
Agricultural implements—Grain drills	1	20,000	12,284	26	.....	9,120	42,880
Mowers and reapers	2	40,000	44,475	70	.....	30,480	138,000
Ploughs, cultivators, &c	3	5,720	3,239	11	.....	3,312	11,591
Threshing machines and separators	1	15,000	6,750	25	.....	10,800	37,000
Alcohol	1	18,000	102,880	3	.....	1,440	106,200
Blacking	1	500	390	2	.....	528	1,550
Blacksmithing	17	12,560	5,551	23	.....	6,300	19,602

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
CLARK COUNTY—Continued.							
Bookbinding	2	$2,350	$2,571	2	2	$1,080	$6,971
Boots and shoes	23	21,928	22,744	66	1	21,012	57,588
Bread and crackers	2	1,700	6,444	5	.....	1,248	10,567
Brick	3	9,500	2,550	39	.....	4,735	15,300
Brooms	2	1,673	2,179	6	.....	1,596	5,044
Carriages	6	36,000	11,250	61	.....	18,024	38,670
Cigars	1	700	2,000	2	.....	600	7,240
Clothing	4	13,500	39,550	25	43	11,544	56,200
Coffins	1	700	700	2	.....	780	1,650
Cooperage	9	19,200	4,811	32	.....	10,908	18,478
Dentistry	3	1,600	1,625	4	.....	2,640	6,250
Fire-arms	2	2,800	1,233	3	.....	1,044	4,050
Flax dressing	1	1,500	2,500	4	.....	1,200	5,900
Flour and meal	19	238,900	533,167	38	.....	12,960	593,080
Furniture, cabinet	4	13,600	6,121	31	.....	9,684	20,748
Gas	1	30,000	1,920	5	.....	2,184	7,200
Hats	1	1,000	725	1	1	252	1,225
Iron railing	1	1,000	300	2	.....	600	1,650
Leather	5	18,000	16,032	15	.....	4,680	26,510
Lime	2	6,600	20,300	22	.....	3,094	30,680
Liquors, distilled	5	81,200	166,725	29	.....	8,472	222,057
Liquors, malt	2	19,000	16,147	8	.....	2,880	23,420
Lumber, planed	1	9,000	3,067	4	.....	1,920	6,800
Lumber, sawed	27	38,700	23,075	38	.....	8,436	43,154
Machinery, steam-engines, &c	2	12,000	24,160	40	.....	13,200	60,000
Marble and stone work	1	7,000	6,150	6	.....	2,244	11,000
Millinery	2	2,500	3,300	.....	7	900	10,000
Oil, linseed	2	31,000	46,760	14	.....	6,408	62,900
Paper, printing	1	12,000	6,972	5	5	2,520	12,168
Pottery ware	1	2,000	585	4	.....	1,344	7,800
Printing	5	20,500	9,062	39	.....	8,448	27,890
Saddlery and harness	8	9,000	10,939	26	.....	7,128	21,570
Sash, doors, and blinds	2	1,400	1,638	4	.....	1,800	5,405
Soap and candles	2	7,800	27,692	2	.....	720	33,890
Stone quarrying	1	4,675	1,286	20	.....	6,000	11,600
Tin, copper, and sheet-iron ware	6	15,500	15,738	19	.....	6,336	24,865
Tobacco, manufactured	1	4,000	8,800	8	.....	2,688	14,400
Vinegar	1	600	1,600	1	.....	240	2,250
Wagons, carts, &c	7	4,200	2,696	14	.....	4,320	9,823
Woollen goods	3	20,500	11,275	13	1	3,840	17,665
Total	198	836,696	1,241,958	819	60	261,689	1,900,481
CLERMONT COUNTY.							
Agricultural implements—Grain cradles and scythe snaths	1	1,000	200	3	.....	1,188	4,000
Ploughs, cultivators, &c	2	5,500	2,890	10	.....	3,600	7,900
Blacksmithing	34	18,260	9,807	58	.....	15,612	31,099
Boots and shoes	20	6,120	9,814	44	.....	12,540	28,235
Brooms	1	400	435	1	.....	144	600
Brushes	1	600	3,150	2	5	2,400	12,000
Carriages	5	10,300	1,216	13	.....	4,068	6,550
Cigars	5	2,100	1,560	8	5	2,892	5,715
Clothing	2	1,850	1,280	2	1	1,080	6,000
Coffins	1	450	50	1	.....	360	690
Cooperage	7	5,650	16,728	83	.....	31,500	58,510
Flour and meal	30	155,300	325,480	51	.....	16,200	371,065
Furniture—Cabinet	5	3,600	1,254	10	.....	4,140	7,947
Chairs	17	21,425	12,315	83	46	25,404	70,450
Hames	1	1,000	400	6	.....	1,872	4,000
Leather	6	14,500	10,185	17	.....	4,488	19,400
Liquors, distilled	3	110,000	247,775	50	.....	22,200	484,328
Liquors, malt	1	5,000	1,500	3	.....	600	3,200

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
CLERMONT COUNTY—Continued.							
Lumber, sawed	39	$75,000	$53,524	105	.....	$27,660	$107,032
Millinery	2	650	1,625	.....	3	600	2,650
Printing	1	1,500	500	4	.....	1,020	4,500
Provisions—Pork, beef, &c	1	3,100	2,600	2	.....	480	3,221
Saddlery and harness	4	2,860	2,372	10	.....	2,340	5,101
Saddle-trees	5	5,400	4,719	33	.....	9,912	22,100
Sash, doors, and blinds	1	2,000	500	2	.....	720	1,360
Tin, copper, and sheet-iron ware	1	3,000	1,000	1	.....	480	2,100
Wagons, carts, &c	8	10,000	2,538	17	.....	5,004	13,918
Wire-work	1	250	1,250	2	.....	720	3,600
Wool carding	2	1,400	3,800	2	.....	540	4,850
Total	207	468,215	720,467	623	60	199,764	1,292,121
CLINTON COUNTY.							
Boots and shoes	4	4,200	3,270	11	.....	3,360	10,200
Brooms	1	300	428	1	1	600	4,000
Carriages	4	5,300	3,700	20	.....	6,480	15,600
Cigars	1	1,200	1,200	2	.....	600	2,000
Clothing	1	1,300	2,500	4	1	1,560	4,125
Cooperage	1	500	300	2	.....	600	1,200
Drain tile	1	1,000	.....	3	.....	600	1,000
Flour and meal	19	61,000	236,045	33	.....	10,380	269,625
Iron castings—Stoves	1	5,000	11,210	6	.....	3,000	20,000
Leather	4	14,500	5,980	12	.....	2,580	12,450
Lumber, sawed	27	30,800	20,550	43	.....	12,780	48,100
Provisions—Pork, beef, &c	1	3,000	15,000	4	.....	960	18,000
Saddlery and harness	6	7,800	2,980	15	1	3,840	9,935
Sash, doors, and blinds	1	3,100	500	3	.....	1,200	2,200
Tin, copper, and sheet-iron ware	3	6,800	3,900	8	.....	2,640	12,000
Woollen goods	1	3,500	5,175	4	.....	840	6,320
Total	76	149,300	312,738	171	3	52,020	436,755
COLUMBIANA COUNTY.							
Agricultural implements—Miscellaneous	2	2,000	900	4	.....	840	1,712
Grain drills	1	2,500	1,850	3	.....	1,080	4,260
Mowers and reapers	1	10,000	7,520	40	.....	14,040	50,400
Blacksmithing	1	250	200	2	.....	480	1,525
Boots and shoes	8	10,400	13,910	49	6	15,444	34,032
Carriages	9	13,225	15,909	52	.....	20,904	40,670
Clothing	6	15,500	20,850	18	31	9,228	35,650
Coal, bituminous	2	10,000	.....	4	.....	960	1,700
Coffins	1	300	300	1	.....	480	1,000
Cooperage	1	50	90	1	.....	312	626
Fire-arms	1	100	100	1	.....	300	600
Fire-brick	1	10,000	1,825	9	.....	2,400	7,200
Flour and meal	25	78,900	166,583	40	.....	11,424	198,496
Furniture—Cabinet	4	2,075	822	14	.....	3,912	7,652
Chairs	1	100	100	2	.....	600	1,000
Gas	1	12,000	750	2	.....	960	4,000
Hardware, miscellaneous	1	5,000	1,791	11	.....	4,320	8,500
Iron castings	2	23,000	8,909	23	.....	9,120	21,250
Stoves	4	10,000	4,881	8	.....	2,772	13,000
Leather	19	30,806	25,157	37	.....	8,316	40,110
Lightning rods	1	3,600	3,400	2	.....	600	5,400
Liquors, distilled	1	500	304	1	.....	360	1,085
Liquors, malt	1	1,400	882	2	.....	360	1,280
Lumber, sawed	29	33,850	26,580	55	.....	13,548	57,467
Machinery, steam-engines, &c	6	76,500	35,425	84	.....	31,512	81,890
Marble and stone work	3	3,300	2,910	14	.....	4,140	23,920
Pottery ware	12	88,000	21,015	178	28	65,328	108,100

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
COLUMBIANA COUNTY—Continued.							
Printing	1	$1,200	$100	3	.....	$1,080	$2,000
Saddlery and harness	8	4,000	5,643	14	.....	3,120	11,474
Sash, doors, and blinds	1	4,000	2,542	5	.....	1,980	5,900
Shingles	2	1,400	800	3	.....	900	1,950
Ship and boat building	1	11,000	1,860	6	.....	1,200	7,400
Tin, copper, and sheet-iron ware	5	5,500	5,548	9	.....	2,280	8,778
Wagons, carts, &c	5	2,700	942	10	.....	3,300	4,399
Whips	1	300	220	1	.....	480	700
Wool carding	1	3,500	2,800	2	.....	480	4,055
Woollen goods	2	6,500	2,050	7	1	1,752	4,400
Total	171	483,456	385,468	717	66	240,312	803,581
COSHOCTON COUNTY.							
Agricultural implements—Miscellaneous	1	500	275	2	.....	480	830
Boots and shoes	6	2,950	4,909	15	.....	3,492	13,107
Bread and crackers	1	400	975	1	.....	240	1,336
Carriages	1	1,000	2,200	3	.....	1,176	4,500
Cooperage	3	2,000	2,330	6	.....	1,560	4,525
Flour and meal	7	49,500	85,734	12	.....	3,888	102,490
Furniture, cabinet	1	1,000	500	3	.....	900	1,400
Leather	5	6,400	6,010	8	.....	1,572	9,860
Liquors, distilled	1	20,000	53,850	20	.....	4,800	67,627
Liquors, malt	1	600	450	1	.....	120	1,784
Lumber, sawed	4	6,400	3,100	11	.....	2,844	7,215
Machinery, steam-engines, &c	1	500	275	2	.....	300	880
Oil, coal	10	78,100	20,785	121	.....	37,644	80,770
Saddlery and harness	5	4,800	4,360	8	.....	2,028	7,700
Soap and candles	1	500	556	1	.....	120	1,820
Tin, copper, and sheet-iron ware	1	400	680	2	.....	600	2,000
Wagons, carts, &c	3	2,200	932	7	.....	1,824	6,790
Woollen goods	1	3,000	2,421	3	2	1,584	4,760
Total	53	180,250	190,342	226	2	65,172	319,424
CRAWFORD COUNTY.							
Blacksmithing	9	2,825	1,425	16	.....	4,692	9,575
Boots and shoes	12	12,200	14,751	52	2	15,480	36,496
Bread and crackers	1	150	1,040	1	.....	300	1,600
Brick	4	3,100	1,300	22	.....	2,235	7,400
Carriages	2	10,600	2,088	18	.....	5,544	7,970
Clothing	5	7,800	19,750	22	11	8,664	42,050
Flour and meal	11	46,500	251,497	20	.....	5,820	308,099
Furniture, cabinet	7	5,500	1,827	20	.....	5,880	11,800
Iron castings	1	900	8,800	5	.....	1,980	14,000
Leather	8	14,250	9,975	17	.....	4,116	19,885
Lime	4	2,750	1,302	8	.....	924	3,480
Liquors, malt	4	13,500	4,833	12	.....	3,624	16,000
Lumber, planed	2	6,000	29,750	16	.....	5,160	40,150
Lumber, sawed	28	54,230	62,464	73	.....	20,376	108,490
Machinery, steam-engines, &c	2	2,700	5,830	18	.....	8,460	24,700
Marble and stone work	2	1,500	1,125	4	.....	1,800	3,500
Medicines, extracts, &c	2	2,500	2,300	4	.....	1,368	13,000
Printing	1	800	260	4	.....	720	990
Saddlery and harness	2	1,900	1,754	6	.....	1,604	3,292
Shingles	1	800	300	2	.....	336	1,000
Tin, copper, and sheet-iron ware	6	12,300	7,067	15	.....	4,848	17,555
Wagons, carts, &c	2	1,700	925	7	.....	2,040	4,740
Woollen goods	1	16,000	25,400	14	3	2,592	42,500
Total	117	220,505	455,763	376	16	108,563	738,272

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
CUYAHOGA COUNTY.							
Agricultural implements—Mowers and reapers	2	$11,800	$36,210	62	.....	$22,200	$105,000
Ploughs and cultivators	1	1,600	5,740	10	.....	3,600	18,300
Rakes	3	6,000	1,800	20	.....	3,000	7,200
Bags	1	3,000	15,000	4	5	3,900	21,067
Bookbinding	2	3,800	2,010	8	6	3,384	9,600
Boots and shoes	10	66,189	86,979	217	73	77,952	222,830
Boxes, packing	1	1,000	1,100	8	.....	1,200	3,500
Brass founding	2	6,400	18,000	19	.....	5,376	28,000
Bread and crackers	3	3,500	17,542	8	.....	2,496	32,851
Brick	8	12,450	10,285	88	.....	10,710	42,650
Bridges	1	15,000	50,340	50	.....	36,000	104,000
Brushes	1	5,000	500	18	3	2,520	4,700
Caps	3	10,000	2,300	3	3	1,260	3,000
Carriages	5	43,000	19,908	75	.....	27,684	53,675
Carriages, children's	1	1,400	355	5	.....	1,800	4,000
Cars	1	25,000	20,000	30	.....	14,400	50,000
Cheese boxes	1	600	200	3	.....	1,560	2,000
Chemicals	1	1,000	13,807	2	.....	624	15,032
Cigars	4	8,700	8,500	13	.....	4,464	28,105
Clothing	27	235,500	367,892	452	506	180,264	621,133
Confectionery	1	2,000	8,150	5	3	2,340	13,000
Cooperage	21	16,750	12,457	66	.....	17,820	37,431
Coopers' tools	1	500	275	4	.....	1,200	3,000
Copper smelting	1	10,000	252,500	15	.....	6,000	266,500
Cordage	1	3,000	2,000	6	.....	2,400	5,000
Drain tile	1	200	60	2	.....	240	515
Edge tools	1	1,500	2,500	15	.....	3,600	12,000
Fire-arms	2	1,900	650	2	.....	696	1,750
Flour and meal	21	220,200	895,448	74	.....	24,396	1,008,126
Furniture, cabinet	13	81,400	29,278	138	4	52,692	111,500
Chairs	4	56,500	17,950	180	.....	54,840	99,000
Furs	1	10,000	10,500	1	9	2,052	15,690
Glue	2	15,000	5,740	7	1	1,920	9,400
Grindstones	6	77,000	10,900	115	.....	34,680	58,000
Gunpowder	1	42,000	71,500	11	.....	5,100	80,000
Hardware—Files	1	1,500	1,000	10	.....	3,600	5,000
Hats	1	2,000	2,800	1	4	1,080	5,000
Hosiery	1	800	1,000	2	.....	480	2,000
Iron, bar and sheet	3	280,000	735,200	374	.....	153,600	1,209,500
Iron castings	5	77,800	35,150	55	.....	20,220	74,170
Stoves	1	50,000	38,000	65	.....	30,000	100,000
Iron railing	1	800	1,225	4	.....	600	2,400
Lamps, locomotive	1	10,000	3,800	7	.....	3,600	6,625
Leather	7	24,400	16,400	21	.....	6,060	30,480
Leather, morocco	2	6,500	7,450	17	.....	5,676	16,500
Lime	1	10,000	9,500	10	.....	1,820	28,000
Liquors, malt	15	143,000	83,067	79	.....	26,592	191,205
Liquors, rectified	5	23,600	102,100	16	.....	6,696	131,273
Looking glass and picture frames	1	500	1,090	4	.....	1,800	5,000
Lumber, planed	2	19,000	12,372	38	.....	14,592	31,000
Lumber, sawed	48	89,700	53,870	129	.....	26,856	127,657
Machinery, steam-engines, &c.	17	151,400	142,854	274	.....	105,696	318,947
Malt	2	25,000	48,640	13	.....	4,740	54,852
Marble and stone work	4	27,500	24,350	79	.....	30,876	92,500
Millinery	1	1,500	1,550	.....	7	1,344	4,000
Mill furnishing	1	2,000	7,000	6	.....	1,800	15,000
Millstones, burr	1	3,000	3,000	6	.....	1,800	20,000
Mineral water	2	5,000	3,500	8	.....	1,560	10,000
Musical instruments, miscellaneous	3	4,200	1,389	6	.....	1,884	11,050
Oil cloth	1	5,000	4,950	9	.....	3,024	20,000
Oil, coal	1	2,000	5,000	3	.....	1,800	8,000
Paper, printing	3	132,000	98,800	88	16	29,544	193,250
Plumbing	1	1,100	351	1	.....	300	750

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
CUYAHOGA COUNTY—Continued.							
Printing	10	$245,424	$89,087	174	11	$57,852	$257,334
Pumps	1	2,000	1,280	2	.....	600	2,500
Saddlery and harness	11	16,400	17,981	35	.....	11,112	41,649
Sails	2	1,900	4,385	7	.....	3,324	8,200
Sash, doors, and blinds	5	75,000	46,775	98	.....	36,084	112,200
Saws	1	4,000	9,000	5	.....	3,120	13,000
Scales	1	1,000	810	6	.....	2,700	6,000
Sewing machines	1	7,000	1,500	10	.....	3,600	6,000
Shingles	11	13,250	14,315	29	.....	6,204	28,445
Shoe pegs	1	9,000	1,500	11	4	5,460	15,000
Soap and candles	9	55,500	181,683	52	.....	17,796	230,540
Tin, copper, and sheet-iron ware	14	41,000	70,488	73	.....	25,344	135,281
Trunks, carpet bags, &c	4	4,600	3,100	14	.....	2,856	9,370
Vinegar	3	12,700	8,685	6	.....	2,340	33,585
Wagons, carts, &c	6	5,800	4,225	24	.....	6,480	13,600
Willow ware	2	10,300	3,272	14	5	4,320	21,500
Wire work	1	800	420	1	.....	300	1,000
White lead	2	17,500	39,630	13	.....	4,560	50,200
Wooden ware	5	53,000	85,795	155	.....	36,024	172,719
Woollen goods	1	2,500	1,300	4	1	1,632	3,000
Total	387	2,676,963	4,029,015	3,794	661	1,333,118	6,973,737
DARKE COUNTY.							
Flour and meal	14	101,100	351,167	42	.....	12,528	398,556
Leather	1	3,500	3,000	3	.....	1,080	4,800
Lime	2	4,300	2,700	6	.....	1,120	5,875
Lumber, sawed	24	39,000	31,280	52	.....	12,552	57,480
Marble and stone work	1	2,000	1,300	7	.....	1,800	5,000
Wagons, carts, &c	1	1,000	1,000	4	.....	1,728	3,000
Wool carding	1	2,500	4,000	2	.....	720	5,010
Total	44	153,400	394,447	116	.....	31,528	479,721
DEFIANCE COUNTY.							
Ashes, pot and pearl	4	5,050	16,900	8	.....	2,088	26,882
Boots and shoes	7	6,450	10,250	25	.....	6,492	20,900
Carriages	1	1,600	800	6	.....	1,800	2,900
Cigars	1	800	1,000	3	.....	720	3,000
Clothing	2	5,000	6,000	10	4	2,880	9,300
Flour and meal	3	37,000	47,500	6	.....	1,800	54,700
Furniture, cabinet	4	3,600	1,300	9	.....	2,520	4,900
Iron castings	1	6,300	4,250	5	.....	1,800	16,000
Leather	7	28,450	20,085	26	.....	6,156	43,720
Lumber, sawed	10	20,600	8,675	20	.....	6,000	16,900
Millinery	1	500	500	.....	2	288	1,000
Saddlery and harness	3	2,500	2,400	12	.....	2,940	7,450
Tin, copper, and sheet-iron ware	2	2,000	1,000	3	.....	1,260	8,000
Total	46	119,850	120,660	133	6	36,744	215,652
DELAWARE COUNTY.							
Agricultural implements—Miscellaneous	1	1,055	645	5	.....	1,800	8,200
Ashes, pot and pearl	1	500	750	2	.....	480	2,200
Beehives	1	1,000	2,975	3	.....	900	6,800
Blacksmithing	1	4,000	445	2	.....	480	1,240
Boots and shoes	9	12,350	16,273	33	.....	10,368	34,700
Brick	1	1,500	1,050	15	.....	1,500	3,500
Carriages	1	1,000	1,070	4	.....	1,920	3,420
Clothing	3	11,200	7,100	19	9	5,628	14,500
Cordage	1	12,000	4,000	20	.....	5,400	15,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
DELAWARE COUNTY—Continued.							
Dentistry	1	$2,000	$228	4	.....	$1,200	$12,000
Envelopes	1	3,800	1,000	1	3	1,200	4,000
Flour and meal	10	66,000	111,915	19	.....	6,000	137,168
Furniture, cabinet	2	8,500	1,008	8	.....	3,096	6,788
Leather	5	11,300	8,375	12	.....	3,492	16,865
Liquors, malt	1	10,000	5,150	4	.....	1,200	12,000
Lumber, sawed	17	25,450	12,425	31	.....	8,928	28,100
Machinery, steam-engines, &c	1	30,000	4,000	20	.....	6,600	18,000
Marble and stone work	1	3,300	1,340	6	.....	1,800	4,000
Musical instruments, miscellaneous	1	8,000	2,000	3	.....	1,440	5,000
Oil, linseed	1	30,000	33,000	12	.....	4,320	50,000
Paper—Printing	1	30,000	25,500	26	12	13,668	43,000
Wrapping	1	10,000	2,500	6	2	2,172	7,000
Saddlery and harness	3	5,600	4,650	10	.....	2,880	17,500
Sash, doors, and blinds	2	3,500	3,075	19	.....	5,808	21,070
Soap and candles	1	200	700	1	.....	300	1,000
Tin, copper, and sheet-iron ware	3	8,500	3,395	8	.....	1,920	7,000
Wagons, carts, &c	5	9,000	1,760	21	.....	6,960	12,580
Wool carding	1	1,000	2,400	2	.....	600	3,000
Woollen goods	1	6,000	3,600	6	.....	1,200	6,450
Total	78	316,755	262,329	322	26	103,260	502,081
ERIE COUNTY.							
Agricultural implements—Miscellaneous	1	6,000	3,359	8	.....	4,992	8,859
Ploughs, cultivators, &c	1	3,000	675	4	.....	1,200	2,200
Alcohol	1	6,000	25,900	9	.....	3,000	43,200
Blacksmithing	1	800	190	2	.....	600	900
Boots and shoes	3	8,000	4,653	15	.....	5,064	10,628
Brick	1	400	530	2	.....	150	890
Carriages	2	2,800	1,317	6	.....	2,100	3,760
Cooperage	5	7,200	5,629	37	.....	9,300	19,675
Fisheries	2	800	800	6	.....	1,440	4,000
Flour and meal	6	117,500	518,914	32	.....	10,596	565,331
Furniture, cabinet	3	21,050	3,192	29	.....	5,880	18,000
Iron castings	2	24,000	19,170	32	.....	8,712	40,250
Iron, pig	1	25,000	21,500	60	.....	15,600	60,000
Leather, morocco	1	1,000	1,000	1	.....	240	2,000
Lime	3	2,010	3,540	6	.....	875	7,600
Liquors, malt	2	27,000	3,057	14	.....	4,200	13,367
Lumber, planed	1	4,000	10,000	9	.....	1,800	16,000
Lumber, sawed	4	12,300	5,100	12	.....	2,298	8,100
Machinery, steam-engines, &c	2	35,000	14,600	29	.....	13,800	64,000
Marble and stone work	2	1,200	1,078	5	.....	1,920	3,712
Saddlery and harness	1	590	250	1	.....	480	800
Sash, doors, and blinds	1	9,000	4,888	26	.....	7,200	18,400
Sewing machines	1	1,600	1,050	10	.....	3,600	10,000
Soap and candles	1	900	140	1	.....	180	1,000
Spokes, hubs, and felloes	1	4,000	4,000	13	.....	2,400	12,400
Stone quarrying	2	8,400	.....	30	.....	8,400	11,000
Tin, copper, and sheet-iron ware	3	14,500	6,990	8	.....	2,328	13,100
Wooden ware	1	8,000	3,200	20	.....	5,616	16,000
Wool carding	2	10,000	3,230	4	1	2,544	5,000
Total	57	362,050	667,952	431	1	126,515	980,172
FAIRFIELD COUNTY.							
Agricultural implements—Grain drills	2	6,000	1,698	4	.....	2,472	6,800
Ploughs, cultivators, &c	2	6,800	1,120	11	.....	3,300	5,855
Blacksmithing	18	10,170	3,517	24	.....	6,516	19,769
Boots and shoes	21	6,444	14,455	53	.....	13,416	40,043
Brick	3	3,100	1,500	20	.....	2,040	6,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
FAIRFIELD COUNTY—Continued.							
Carpentering	5	$4,000	$3,300	21	.....	$6,660	$17,500
Carriages	7	12,480	10,560	36	.....	11,844	30,634
Clothing	6	9,350	10,855	17	31	9,336	33,090
Cooperage	3	900	956	8	.....	2,076	4,125
Flour and meal	19	118,500	258,515	32	.....	10,008	299,221
Furniture, cabinet	7	3,177	1,558	12	.....	3,264	6,490
Chairs	1	200	170	1	.....	300	725
Gas	1	24,000	904	3	.....	1,200	4,340
Leather	9	34,500	22,340	33	.....	7,752	35,097
Liquors, distilled	1	43,000	41,700	10	.....	3,600	61,565
Lumber, planed	1	500	295	1	.....	300	657
Lumber, sawed	12	17,200	11,191	31	.....	7,512	23,645
Machinery, steam-engines, &c	2	11,000	2,380	10	.....	2,880	8,000
Marble and stone work	2	600	610	3	.....	816	1,725
Millinery	1	2,000	4,000	.....	6	480	16,480
Printing	2	3,000	938	8	.....	2,400	7,000
Saddlery and harness	13	6,022	10,574	28	.....	6,996	24,442
Scales	1	200	332	1	.....	360	2,000
Soap and candles	1	800	439	1	.....	240	699
Starch	1	66,000	9,120	24	.....	4,800	20,000
Stone quarrying	1	100	.....	1	.....	276	500
Tin, copper, and sheet-iron ware	4	4,100	5,317	12	.....	3,060	10,408
Turning, scroll sawing, and moulding	1	250	107	1	.....	360	580
Wagons, carts, &c	5	1,465	808	6	.....	2,280	3,862
Woollen goods	2	14,400	5,020	10	4	2,520	8,500
Total	154	410,258	424,279	423	41	119,064	699,752
FAYETTE COUNTY.							
Agricultural implements—Ploughs and cultivators	2	2,000	1,500	8	.....	2,700	4,800
Blacksmithing	1	300	205	2	.....	396	1,000
Boots and shoes	4	2,300	5,483	17	.....	4,800	12,090
Carriages	1	2,000	2,870	14	.....	5,280	8,925
Confectionery	1	800	3,245	3	.....	1,080	4,750
Flour and meal	5	32,000	154,115	13	.....	3,936	177,921
Furniture, cabinet	1	1,500	1,360	3	.....	720	3,770
Liquors, distilled	1	60,000	65,900	20	.....	7,200	100,000
Lumber, sawed	11	17,700	20,013	24	.....	7,800	36,815
Printing	2	2,100	810	7	.....	2,760	4,610
Saddlery and harness	2	4,000	1,750	6	.....	1,800	4,300
Sash, doors, and blinds	1	1,500	360	2	.....	720	1,800
Tin, copper, and sheet-iron ware	1	1,200	1,160	3	.....	900	2,350
Woollen goods	1	5,000	2,726	10	.....	3,000	6,150
Total	34	132,400	261,497	132	.....	43,092	369,231
FRANKLIN COUNTY.							
Agricultural implements—Miscellaneous	1	190,000	35,600	175	.....	30,000	119,000
Grain cradles and scythe snaths	1	60,000	30,750	50	.....	18,000	50,000
Ploughs, cultivators, &c	1	60,000	14,400	50	.....	24,000	71,000
Ashes, pot and pearl	1	500	406	1	.....	312	1,000
Blacksmithing	2	875	450	3	.....	780	1,560
Bookbinding	2	5,000	10,220	17	14	8,724	22,000
Boots and shoes	14	46,700	58,660	147	8	46,656	126,624
Boxes, packing	1	6,000	900	3	.....	1,080	2,500
Brass founding	1	6,500	3,750	8	.....	1,800	6,825
Bread and crackers	4	5,600	28,780	17	.....	7,728	46,415
Brick	8	28,075	2,785	85	.....	9,780	28,080
Brooms	3	2,800	8,000	13	.....	3,060	14,950
Carpentering	1	19,000	11,160	15	.....	6,720	20,000
Carpenters' tools	1	60,000	52,000	140	.....	21,000	119,500
Carriages	3	26,300	26,261	67	.....	25,200	66,765
Carriages, children's	1	9,000	4,490	34	.....	12,000	20,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
FRANKLIN COUNTY—Continued.							
Cigars	1	$400	$400	4	.....	$900	$1,600
Clothing	10	33,000	64,465	54	29	32,712	123,617
Coffee and spices, ground	2	9,650	40,628	9	.....	1,896	45,870
Confectionery	4	5,100	21,435	9	.....	2,904	32,282
Cooperage	4	3,000	840	13	.....	3,600	6,025
Cordage	1	200	750	2	.....	576	1,500
Drain tile	1	7,000	150	1	.....	300	1,600
Fire-arms	1	4,200	525	3	.....	1,200	3,600
Flour and meal	17	110,900	198,920	32	.....	10,584	238,678
Furniture, cabinet	2	48,000	5,350	56	1	19,224	45,000
Gas	1	100,000	12,600	15	.....	5,040	39,000
Hardware, coach and saddlery	1	22,500	88,650	230	.....	36,900	148,000
Hardware—Files	1	5,000	1,560	8	.....	4,800	11,850
Iron, bar and sheet	1	60,000	61,400	50	.....	12,000	83,500
Iron castings	3	77,500	32,215	49	.....	23,400	84,200
Iron railing	2	2,300	2,424	8	.....	2,700	6,900
Leather	7	15,675	12,180	21	.....	5,112	21,010
Lime	1	800	985	2	.....	252	1,600
Liquors, distilled	5	152,700	155,297	50	.....	16,476	224,520
Liquors, malt	4	76,500	21,800	21	.....	7,128	59,500
Lumber, planed	3	20,000	10,600	10	.....	3,780	18,800
Lumber, sawed	26	62,275	27,864	83	.....	23,352	78,045
Machinery, steam-engines, &c	1	100,000	36,000	125	.....	45,000	125,000
Marble and stone work	6	8,900	12,286	31	.....	11,796	36,310
Mineral water	1	2,000	600	3	.....	720	1,600
Paper, printing	1	45,000	35,000	14	8	5,028	60,000
Printing	4	67,000	95,160	108	2	38,808	159,725
Pumps and blocks	1	720	558	4	.....	1,248	3,050
Saddlery and harness	6	13,100	9,045	22	.....	6,120	27,020
Sash, doors, and blinds	6	16,200	15,300	21	.....	6,120	23,625
Saws	1	12,000	8,060	12	.....	5,760	20,500
Soap, candles, and lard oil	5	18,700	102,600	18	.....	6,480	136,020
Spokes, hubs, and felloes	2	62,000	30,040	112	.....	31,440	131,043
Starch	1	55,000	25,210	30	.....	10,800	42,000
Stone quarrying	1	15,000	.....	20	.....	6,240	10,000
Tags	1	3,500	4,500	2	15	2,664	10,000
Tin, copper, and sheet-iron ware	8	12,250	25,051	35	.....	11,160	52,860
Trunks, carpet bags, &c	1	800	1,650	3	.....	1,080	8,200
Vinegar	3	5,700	8,250	6	.....	1,920	20,000
Wagons, carts, &c	6	3,900	1,270	11	.....	3,732	6,442
Wire	1	17,000	30,190	15	.....	6,240	39,000
Woollen goods	2	87,500	35,179	35	26	15,060	56,064
Total	201	1,889,320	1,525,599	2,182	103	649,092	2,961,375
FULTON COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	300	240	1	.....	360	610
Ashes, pot and pearl	8	4,625	9,290	12	.....	2,940	15,480
Blacksmithing	1	200	250	1	.....	300	600
Boots and shoes	4	1,475	4,047	9	.....	3,264	13,378
Clothing	2	1,500	2,670	3	2	1,224	5,000
Cooperage	3	1,080	1,279	13	.....	3,480	6,710
Flour and meal	5	20,500	56,272	10	.....	3,420	65,065
Furniture, cabinet	2	1,025	362	3	.....	792	1,300
Leather	2	1,800	2,011	4	.....	1,140	3,800
Liquors, distilled	1	500	1,150	2	.....	624	2,400
Lumber, sawed	25	43,300	29,584	69	.....	18,072	71,528
Millinery	1	600	300	.....	1	192	1,000
Tin, copper, and sheet-iron ware	2	1,400	5,330	4	.....	1,200	8,160
Wagons, carts, &c	9	3,900	2,138	16	.....	5,016	8,485
Wool carding	1	1,500	2,620	1	.....	360	3,168
Total	67	92,705	117,543	148	3	42,384	206,684

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
GALLIA COUNTY.							
Blacksmithing	6	$1,580	$1,420	9	.....	$2,640	$5,169
Boots and shoes	3	10,000	8,400	15	.....	3,456	15,120
Carriages	2	2,380	2,450	12	.....	5,304	8,400
Cooperage	1	2,000	2,400	16	.....	4,800	8,625
Flour and meal	13	83,400	397,374	39	.....	14,760	468,110
Iron castings	1	8,000	2,625	2	.....	600	4,100
Iron, pig	1	90,000	14,420	100	.....	31,200	50,000
Leather	5	13,100	11,058	12	.....	4,380	20,623
Lumber, sawed	11	19,050	11,225	19	.....	5,220	19,220
Machinery, steam-engines, &c	1	500	3,000	1	.....	360	4,000
Printing	2	1,900	685	18	.....	2,496	3,700
Saddlery and harness	3	5,000	3,620	10	.....	3,000	9,640
Wagons, carts, &c	2	1,350	628	4	.....	1,320	1,963
Woollen goods	1	20,000	19,425	15	8	5,892	28,600
Total	52	258,260	478,730	272	8	85,428	647,270
GEAUGA COUNTY.							
Agricultural implements—Miscellaneous	2	1,400	1,603	6	.....	2,160	4,575
Blacksmithing	1	525	360	3	.....	924	1,450
Boots and shoes	5	3,150	2,765	11	.....	3,000	6,346
Carpentering	1	2,000	1,500	20	.....	8,640	20,000
Carriages	2	2,600	2,233	10	.....	3,240	8,999
Cheese boxes	2	2,400	690	3	.....	720	2,650
Flour and meal	3	24,000	9,065	5	.....	1,680	11,824
Furniture, cabinet, chairs, &c	1	1,000	400	2	.....	600	1,250
Iron castings	1	1,100	373	2	.....	720	1,775
Leather	3	2,300	1,925	7	.....	1,860	3,940
Lumber, sawed	10	14,700	8,750	21	.....	5,744	22,980
Marble and stone work	1	500	200	3	.....	1,080	1,600
Medicines, extracts, &c	1	2,000	500	6	.....	1,200	10,000
Printing	1	800	389	2	2	600	2,425
Saddlery and harness	2	3,300	3,100	6	.....	1,920	5,589
Shingles	2	1,800	625	2	.....	540	1,350
Tin, copper, and sheet-iron ware	3	3,100	2,720	5	.....	1,680	5,200
Vinegar	1	1,500	150	1	.....	120	1,000
Wagons, carts, &c	2	1,500	500	6	.....	1,800	2,620
Woollen goods	1	4,500	817	3	2	1,008	1,917
Total	45	74,175	38,665	124	4	39,236	117,490
GREENE COUNTY.							
Agricultural implements—Threshers and separators	1	35,000	11,550	40	.....	12,000	30,000
Blacksmithing	10	2,095	1,951	14	.....	4,716	10,859
Boots and shoes	6	2,800	7,956	19	.....	5,940	16,440
Carriages	2	2,040	3,600	9	.....	2,880	6,800
Clothing	1	800	500	1	3	720	1,300
Cooperage	2	1,200	945	7	.....	1,800	3,200
Flour and meal	22	186,500	484,250	43	.....	15,648	551,485
Furniture—cabinet	1	2,000	720	5	.....	1,920	2,798
Gas	1	40,000	1,800	5	.....	1,500	6,000
Gunpowder	1	45,000	28,000	14	.....	6,000	50,000
Leather	2	18,500	9,950	14	.....	5,088	19,325
Lime	4	7,300	5,391	20	.....	3,290	13,888
Liquors, distilled	5	92,500	218,295	43	.....	16,824	316,000
Liquors, malt	1	23,000	11,000	6	.....	2,100	21,170
Lumber, sawed	26	56,000	38,735	50	.....	13,716	66,005
Machinery, steam-engines, &c	1	2,200	3,160	14	.....	6,720	10,000
Marble and stone work	2	2,300	6,460	16	.....	7,452	17,600
Paper, printing	1	30,000	20,607	18	6	6,600	47,092
Printing	2	4,800	1,725	10	.....	2,880	14,500

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
GREENE COUNTY—Continued.							
Provisions—Pork, beef, &c	2	$19,400	$64,400	12	.....	$2,880	$71,128
Saddlery and harness	5	3,050	5,025	11	.....	2,808	8,872
Soap and candles	1	1,000	5,000	1	.....	300	6,000
Spokes, hubs, and felloes	1	10,000	2,700	10	.....	2,880	15,000
Tin, copper, and sheet-iron ware	3	1,500	2,749	4	.....	1,356	4,960
Wagons, carts, &c	4	1,600	1,038	7	.....	1,980	4,855
Woollen goods	3	10,500	9,561	14	1	4,560	19,505
Total	110	601,085	947,068	407	10	134,558	1,334,782
GUERNSEY COUNTY.							
Boots and shoes	2	5,600	2,237	7	1	2,616	5,060
Carriages	2	3,200	1,392	9	.....	2,700	4,800
Coal, bituminous	1	13,000	.....	20	.....	4,800	6,000
Flour and meal	19	75,800	124,308	32	.....	10,020	151,382
Iron castings	1	1,500	638	3	.....	600	1,800
Leather	7	21,800	12,667	15	.....	3,672	22,025
Lumber, sawed	3	7,500	1,600	4	.....	1,020	3,200
Marble and stone work	2	2,200	1,434	5	.....	1,380	2,900
Soap and candles	1	1,200	420	2	.....	432	910
Tin, copper, and sheet-iron ware	1	4,000	1,930	3	.....	600	3,000
Total	39	135,800	146,626	100	1	27,840	201,077
HAMILTON COUNTY.							
Agricultural implements—Miscellaneous	1	5,000	3,862	12	.....	4,320	11,700
Mowers and reapers	1	3,000	500	4	.....	1,500	6,000
Ploughs, cultivators, &c	7	150,400	43,773	121	.....	54,636	182,500
Straw cutters	1	8,000	9,650	15	.....	5,400	21,500
Alcohol	2	53,500	202,720	10	.....	4,020	210,560
Awnings	2	2,000	3,225	5	12	4,152	10,500
Bags	2	7,000	18,130	7	.....	3,360	23,500
Baking-powders	2	20,150	11,155	3	3	1,824	25,750
Bellows and forges	2	4,000	7,200	6	.....	2,640	13,500
Billiard tables	2	153,000	158,571	100	.....	43,320	318,000
Blacking	1	2,000	7,000	15	5	3,840	20,000
Blacksmithing	61	47,720	38,596	151	.....	53,532	154,551
Bolts, nuts, &c	2	20,700	18,608	62	.....	17,856	52,000
Bookbinding	9	49,300	69,910	67	34	25,860	131,170
Boots and shoes	285	402,100	558,013	1,573	172	532,296	1,392,243
Boxes, packing	7	61,300	42,891	49	.....	23,016	73,506
Boxes, paper	1	10,000	8,000	20	.....	7,800	20,000
Brass founding	9	85,000	106,550	112	.....	48,360	224,000
Bread, crackers, &c	85	99,265	352,822	256	3	82,152	600,430
Brick	38	69,500	68,468	328	.....	60,170	213,196
Britannia ware	2	47,000	31,980	43	.....	18,000	84,000
Brooms	5	10,200	23,895	44	.....	12,396	65,250
Brushes	8	26,450	36,065	79	5	26,232	71,810
Burning fluid	1	6,000	6,500	2	.....	960	8,000
Caps	10	37,700	55,450	24	35	22,980	110,462
Carpentering	20	27,143	61,523	130	.....	56,004	186,250
Carpenters' tools	1	2,000	6,340	10	.....	3,600	25,000
Carpets	3	950	3,296	15	.....	3,468	9,796
Carriages	27	178,612	172,844	447	1	171,900	484,450
Carriages, children's	1	2,600	2,500	15	.....	5,760	10,100
Cars	1	12,000	3,790	30	.....	9,600	22,800
Car wheels	1	50,000	40,000	20	.....	8,400	75,000
Carving	5	3,500	2,250	25	.....	10,992	20,400
Chemicals	4	141,000	86,000	48	.....	17,100	165,260
Cigars	102	136,800	185,377	529	.....	161,016	531,856
Clocks	1	600	300	1	.....	300	900

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HAMILTON COUNTY—Continued.							
Clothing, ladies'—Cloaks, mantillas, &c	2	$27,000	$41,225	.....	80	$16,200	$74,000
Men's	222	2,200,900	3,076,571	5,016	4,963	1,673,904	6,381,190
Shirts, &c	8	34,700	29,300	11	111	18,264	61,755
Coffee and spices, ground	4	101,250	412,520	52	.....	17,760	519,300
Coffee roasters	1	600	225	1	.....	336	1,400
Coffins	6	20,800	8,920	26	.....	10,392	41,400
Coffins, metallic	1	80,000	34,300	60	.....	30,000	153,000
Confectionery	18	67,850	155,219	80	31	30,264	249,302
Cooperage	96	81,250	130,665	572	.....	171,048	396,442
Bungs	1	4,000	2,500	4	.....	1,440	10,000
Coopers' tools	2	400	1,519	6	.....	2,160	5,000
Coppersmithing	5	33,650	45,305	21	.....	9,840	77,565
Cordage	7	62,000	62,975	119	.....	29,088	119,260
Cotton goods	3	165,000	236,600	195	190	71,100	420,500
Cutlery	6	6,200	3,270	19	.....	6,720	16,800
Dentistry	4	2,100	4,087	6	.....	4,080	19,340
Drain tile	1	1,500	600	4	.....	1,920	3,600
Dyeing and printing	2	600	1,425	3	.....	984	4,700
Edge tools	2	1,000	1,270	5	.....	1,884	4,100
Fancy goods	1	500	100	2	.....	480	600
Fertilizers	1	1,500	2,000	4	.....	1,440	6,400
Fire-arms	1	200	600	3	.....	1,200	2,500
Firewood	3	1,400	4,816	5	.....	1,680	7,408
Flour and meal	31	312,910	1,432,057	113	.....	43,116	1,773,003
Furnaces, heating	2	24,000	13,100	20	.....	9,120	39,000
Furniture—Cabinet	48	1,032,886	559,516	1,840	43	689,112	1,830,136
Bedsteads	4	199,400	103,170	332	.....	85,560	377,570
Chairs	18	352,000	77,766	406	.....	128,388	352,685
Furs	1	1,000	690	1	.....	240	1,455
Gas	1	1,047,350	52,650	200	.....	84,000	302,000
Gas fixtures	1	4,200	2,720	9	.....	3,360	12,000
Gasometers, &c	2	17,000	24,000	37	.....	14,184	43,500
Glass, stained	2	8,000	10,000	10	.....	5,040	17,000
Glass ware	1	200	550	3	.....	864	1,400
Gloves, buckskin	1	2,000	1,600	4	10	4,200	7,000
Glue	3	45,000	22,000	29	.....	9,480	40,400
Gold leaf	2	2,750	9,600	8	.....	6,240	18,000
Grates	2	24,000	13,300	50	.....	21,600	85,000
Grease	2	10,200	9,740	7	.....	2,280	15,946
Hair jewelry, &c	1	5,000	4,000	.....	5	960	10,000
Hames	3	7,000	6,100	24	.....	5,760	18,300
Hardware—Builders'	1	20,000	22,680	50	.....	18,000	80,000
Miscellaneous	1	2,000	6,000	1	.....	312	7,000
Bedstead fasteners	1	6,000	1,440	3	.....	1,260	7,040
Files	1	100	75	4	.....	1,200	2,496
Planes	2	6,700	5,490	13	.....	5,760	13,000
Squares, bevels, &c	1	2,000	2,000	8	.....	3,456	7,000
Hats	10	35,300	36,292	36	15	14,412	88,970
Hosiery	8	9,500	10,955	19	13	7,944	26,950
Husks, prepared	1	1,000	2,250	5	.....	1,200	5,000
Ice	1	2,000	31,000	4	.....	1,440	72,000
Ink, printing	1	1,000	1,988	1	.....	360	3,600
Ink, writing	1	2,000	2,800	8	1	2,016	15,000
Instruments—Dental and surgical	6	16,300	11,405	23	.....	10,692	31,400
Mathematical, optical, and philosophical	3	17,500	4,000	13	.....	5,808	16,000
Iron, bar and sheet	1	120,000	140,000	120	.....	43,200	200,000
Iron castings	9	640,500	373,624	915	.....	348,420	920,000
Stoves	8	223,800	185,159	400	.....	167,880	439,600
Iron, perforated	1	4,000	6,508	5	.....	1,800	8,750
Iron railing	4	24,100	76,815	104	.....	47,460	168,785
Ivory black	1	5,000	2,000	6	.....	2,040	6,000
Japanned tin ware	1	25,000	32,800	75	.....	16,800	100,000
Jewelry	10	26,600	39,700	43	.....	16,980	80,800

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HAMILTON COUNTY—Continued.							
Jewelry—Gold pens	2	$5,000	$2,500	8	.....	$2,256	$12,500
Ladders, patent	1	2,000	7,500	4	.....	1,680	12,500
Lasts	1	200	50	1	.....	480	625
Lead and lead pipe	1	25,000	50,000	5	.....	2,400	90,000
Leather	31	570,300	699,141	311	1	109,584	1,093,941
Morocco	3	2,100	8,300	11	.....	3,480	17,100
Leather hose and belting	3	18,600	41,450	16	.....	7,800	77,000
Lightning rods	3	14,000	28,685	15	.....	6,252	50,900
Lime	1	5,000	350	8	.....	1,260	3,000
Liquors—Distilled	9	316,000	494,141	120	.....	46,704	818,600
Malt	38	940,292	419,107	318	1	124,068	981,237
Rectified	48	517,600	2,350,947	173	.....	75,264	2,837,809
Wine	4	30,000	23,650	10	.....	4,380	47,275
Lithography	1	10,000	12,500	28	1	9,780	38,000
Locksmithing and bell hanging	10	48,600	18,781	56	.....	22,224	67,671
Looking-glass and picture frames	6	40,200	37,654	94	.....	33,696	131,075
Lumber, planed	5	131,000	288,420	123	.....	52,932	400,520
Lumber, sawed	19	268,100	347,750	202	.....	78,060	615,537
Macaroni and vermicelli	1	1,500	950	4	.....	1,200	3,900
Machinery, steam-engines, &c	39	1,057,200	810,294	1,414	.....	551,196	2,081,300
Malt	3	40,000	115,800	19	.....	8,400	164,000
Malt kilns	2	2,300	2,400	9	.....	2,340	7,000
Map mounting and coloring	1	200	200	2	.....	816	2,000
Marble and stone work	28	164,300	209,497	479	.....	186,156	550,550
Matches	1	27,000	29,605	50	16	14,880	122,000
Medicines, extracts, &c	11	27,400	52,092	31	.....	15,120	121,906
Millinery	29	47,600	81,408	6	240	39,612	193,768
Mills, portable	2	52,000	17,850	33	.....	14,400	56,900
Millstones, burr	2	8,000	4,500	12	.....	4,800	16,000
Mineral water	5	9,750	17,090	31	.....	9,480	50,500
Musical instruments—Miscellaneous	7	5,600	5,024	14	.....	3,912	12,900
Nails	4	900	1,715	13	.....	4,572	7,385
Oil cloth	1	3,000	2,150	6	.....	2,340	5,000
Oil—Coal	1	25,000	9,000	12	.....	4,200	30,000
Linseed	2	60,000	76,800	28	.....	10,800	124,000
Ornaments, plaster	5	1,450	2,400	10	.....	3,120	10,400
Paper—Printing	1	30,000	33,260	29	.....	16,680	59,280
Wrapping	3	82,000	30,300	28	.....	7,680	102,000
Patterns	4	24,800	3,087	31	.....	12,096	30,560
Photographs	16	46,500	13,380	51	12	23,916	80,650
Plumbing and gas fitting	14	41,300	68,054	79	.....	32,796	147,810
Pocket books, &c	1	6,000	5,000	10	.....	4,200	15,000
Pottery ware	7	58,600	9,533	86	2	35,460	64,712
Printing	32	689,000	783,616	723	320	348,024	1,503,101
Printing presses	1	15,000	6,400	25	.....	9,000	23,500
Provisions—Pork, beef, &c	31	1,486,100	3,994,505	313	.....	107,412	4,525,465
Minced meat	1	2,500	11,640	5	.....	1,920	18,000
Pumps, &c	3	3,000	1,250	9	.....	3,960	7,675
Railroad chairs and spikes	1	19,840	75,000	15	.....	7,200	93,000
Regalia	2	8,000	4,500	3	9	2,916	14,000
Roofing, composition	1	2,000	7,545	10	.....	3,600	12,000
Roofing, metal	5	22,800	65,912	66	.....	23,928	125,000
Saddlery and harness	36	51,550	66,085	141	.....	46,608	130,303
Saddle trees	3	7,300	6,100	15	.....	3,312	18,700
Safes, fire proof	3	91,000	59,160	145	.....	68,640	200,000
Safes, provision	1	500	735	5	.....	1,200	5,000
Sash, doors, and blinds	11	305,750	230,380	250	.....	106,560	402,020
Saws	3	3,800	3,290	9	.....	3,360	13,814
Scales	4	11,800	23,260	26	.....	9,480	56,000
Seal presses	2	14,000	5,500	8	.....	3,360	24,000
Sewing machines	14	39,000	61,108	113	.....	41,856	216,905
Ship and boat building	11	166,500	102,768	232	.....	110,940	265,214
Shoemakers' tools	1	1,500	4,500	2	.....	900	8,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HAMILTON COUNTY—Continued.							
Show cases	3	$5,100	$12,000	14	.....	$6,000	$24,000
Silk fringes, trimmings, &c	4	11,300	14,300	11	14	5,732	41,200
Silverware	4	20,000	66,000	33	4	16,728	103,000
Silver plated ware	2	13,200	3,720	14	.....	6,420	15,500
Soap, candles, and lard oil	21	903,500	2,272,846	265	50	97,968	3,207,273
Spokes, hubs, and felloes	2	65,000	40,940	79	.....	37,344	124,504
Starch	1	25,000	15,000	16	.....	3,600	30,000
Stationery—Lead pencils	1	100	500	1	.....	600	3,000
Stencils and brands	2	1,600	940	4	.....	1,320	3,875
Stone cutters' tools	1	200	100	1	.....	360	850
Sugar, refined	3	162,600	323,600	83	.....	30,900	429,390
Terra cotta ware	2	11,750	2,345	16	.....	5,760	18,000
Tin, copper, and sheet-iron ware	62	88,400	154,615	257	.....	81,900	393,373
Tinners' tools and machines	1	1,000	1,188	5	.....	2,100	3,500
Tobacco, manufactured	5	30,000	39,716	103	10	31,488	84,000
Trunks, valises, and carpet bags	9	64,800	86,347	223	.....	63,672	242,800
Turning, scroll-sawing, and moulding	10	65,800	87,535	228	.....	65,772	246,300
Type and stereotype founding	3	99,000	61,500	162	20	75,408	210,000
Umbrellas	2	10,000	10,614	9	5	4,284	31,450
Upholstery	17	73,700	120,403	95	57	41,664	245,688
Varnish	3	200,000	193,300	20	.....	12,600	379,000
Venetian blinds	4	3,000	10,550	18	6	6,708	20,700
Vinegar	14	16,700	33,547	17	.....	5,592	67,812
Wagons, carts, &c	42	85,425	39,558	168	.....	60,588	146,331
White lead	3	110,000	233,252	103	.....	39,012	305,500
Willow ware	7	4,000	2,972	11	.....	3,312	8,395
Wigs and hair work	1	2,000	6,000	2	.....	960	15,000
Wire-work	2	25,000	17,500	87	.....	12,600	57,500
Wooden ware	2	60,000	41,400	72	.....	32,400	114,500
Woollen goods	1	1,000	600	2	1	600	1,580
Wool pulling	1	2,000	7,600	2	.....	900	9,225
Total	2,084	18,983,693	25,887,363	23,767	6,501	8,693,830	46,995,062
HANCOCK COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	3,000	853	2	.....	936	2,319
Threshers and separators	1	5,000	1,654	10	.....	3,300	7,380
Ashes, pot and pearl	1	400	328	1	.....	120	540
Boots and shoes	2	1,000	3,168	8	.....	1,440	4,929
Carriages	2	6,000	4,655	22	.....	6,864	20,000
Flour and meal	23	108,500	345,485	46	3	15,660	390,944
Furniture, cabinet	1	300	1,150	8	.....	2,496	6,000
Leather	4	7,400	5,500	11	.....	3,096	9,200
Liquors, distilled	2	12,000	28,500	11	.....	4,500	37,300
Lumber, planed	2	2,700	2,400	3	.....	1,080	4,000
Lumber, sawed	38	59,255	49,285	58	.....	16,812	97,140
Marble and stone work	2	1,660	1,465	8	.....	2,100	4,325
Printing	2	4,000	1,024	8	.....	1,476	4,050
Saddlery and harness	3	4,000	3,637	9	.....	1,944	7,900
Sash, doors, and blinds	1	800	1,560	4	.....	1,200	4,000
Tin, copper, and sheet-iron ware	3	6,000	4,903	9	.....	2,664	10,828
Wool carding	1	2,000	3,800	2	.....	384	4,800
Woollen goods	1	9,000	4,231	8	2	3,480	8,000
Total	90	233,015	463,598	228	5	68,952	623,635
HARDIN COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	2,000	1,115	3	.....	720	1,875
Blacksmithing	6	4,250	1,880	12	.....	3,204	8,665
Boots and shoes	7	12,480	5,391	21	.....	4,464	19,695
Clothing	3	2,500	6,050	8	16	3,240	9,600

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HARDIN COUNTY—Continued.							
Cooperage	2	$1,700	$1,090	12	.....	$4,200	$6,766
Flour and meal	2	2,500	7,000	2	.....	540	7,900
Furniture, cabinet	3	2,700	1,255	13	.....	2,772	5,546
Leather	1	800	786	3	.....	720	1,631
Liquors, distilled	2	49,500	15,475	9	.....	2,100	27,650
Liquors, malt	1	25,000	7,250	3	.....	840	8,250
Lumber, sawed	19	35,300	25,890	52	.....	13,020	57,685
Marble and stone work	2	1,800	2,975	6	.....	2,160	8,000
Pottery ware	1	3,000	75	3	.....	720	1,200
Printing	2	1,600	600	6	.....	1,188	2,100
Saddlery and harness	3	1,800	2,000	8	.....	2,100	4,670
Sash, doors, and blinds	2	2,700	842	5	.....	1,440	2,290
Tin, copper, and sheet-iron ware	2	1,250	1,418	3	.....	840	2,750
Wagons, carts, &c.	1	500	297	2	.....	480	930
Wool carding	1	3,000	3,150	4	.....	960	5,000
Total	61	154,380	84,539	175	16	45,708	182,203
HARRISON COUNTY.							
Boots and shoes	9	9,350	9,650	25	.....	6,000	20,970
Carriages	1	2,300	1,740	8	.....	2,880	5,500
Flour and meal	3	7,500	7,700	3	.....	900	9,870
Leather	1	4,000	2,550	4	.....	1,248	4,550
Lumber, sawed	1	600	1,000	2	.....	480	1,500
Printing	2	2,000	1,200	8	.....	2,400	3,864
Tin, copper, and sheet-iron ware	1	2,000	925	3	.....	900	2,600
Total	18	27,750	24,765	53	.....	14,808	48,854
HENRY COUNTY.							
Boots and shoes	2	600	1,184	4	.....	720	3,340
Furniture, cabinet	1	800	329	5	.....	1,320	1,800
Leather	2	1,600	840	2	.....	696	3,100
Lumber, planed	1	3,000	900	2	.....	480	1,500
Lumber, sawed	6	11,700	9,321	17	.....	4,620	20,576
Wool carding	1	650	1,320	1	.....	300	2,200
Total	13	18,350	13,894	31	.....	8,136	32,516
HIGHLAND COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	1	500	640	1	.....	240	1,000
Boots and shoes	8	5,050	9,643	21	.....	7,116	21,261
Bread	1	1,500	900	1	.....	420	1,340
Brick	2	1,200	295	10	.....	900	1,220
Carriages	4	15,800	17,190	26	.....	8,880	33,400
Flour and meal	17	74,500	235,112	36	.....	10,584	310,200
Furniture, cabinet	1	12,000	525	5	.....	1,800	4,480
Iron castings—Stoves	1	3,500	2,175	4	.....	2,400	5,800
Leather	6	20,000	19,475	16	.....	4,584	29,443
Liquors, distilled	1	16,000	20,767	5	.....	1,836	27,008
Lumber, sawed	16	26,000	20,432	31	.....	8,208	38,681
Marble and stone work	2	1,900	2,010	6	.....	2,904	7,400
Pottery ware	1	350	100	1	.....	240	1,000
Printing	3	4,100	1,796	11	.....	3,000	6,236
Saddlery and harness	7	5,550	7,859	16	.....	6,120	16,050
Sash, doors, and blinds	2	6,000	2,397	5	.....	1,560	6,417
Tin, copper, and sheet-iron ware	5	5,200	12,720	10	.....	2,964	20,475
Woollen goods	4	20,800	24,310	25	8	7,968	37,394
Total	82	219,950	378,346	230	8	71,724	568,805

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HOCKING COUNTY.							
Boots and shoes	3	$2,900	$2,400	7	.....	$1,680	$4,800
Coal, bituminous	1	10,000	.....	40	.....	19,200	36,000
Flour and meal	6	79,200	123,380	13	.....	3,912	138,965
Iron, pig	3	110,000	42,000	140	4	56,544	112,000
Leather	3	8,800	6,140	10	.....	2,616	10,650
Lumber, planed	1	5,000	6,000	12	.....	2,880	12,000
Lumber, sawed	12	26,975	10,620	38	.....	8,820	23,105
Saddlery and harness	1	600	1,300	2	.....	384	1,700
Tin, copper, and sheet-iron ware	1	3,000	1,000	2	.....	484	2,400
Total	31	246,475	192,840	264	4	96,520	341,620
HOLMES COUNTY.							
Blacksmithing	6	1,900	3,027	15	.....	4,008	9,900
Boots and shoes	4	3,200	2,715	12	.....	2,700	8,400
Cooperage	1	300	800	5	.....	1,500	2,500
Flour and meal	19	72,400	83,600	19	.....	6,840	100,075
Furniture, cabinet	2	1,200	1,570	5	.....	1,080	5,000
Glue	1	1,400	300	4	.....	960	1,900
Iron castings	2	9,000	4,242	9	.....	2,400	10,200
Leather	6	11,600	5,570	7	.....	1,800	11,060
Liquors, distilled	2	7,000	7,500	6	.....	1,920	14,600
Lumber, sawed	36	34,730	18,675	44	.....	10,764	41,830
Marble and stone work	2	800	1,400	5	.....	1,752	4,[illegible]00
Saddlery and harness	3	3,100	2,020	5	.....	1,620	4,690
Tin, copper, and sheet-iron ware	4	4,400	2,450	7	.....	1,968	7,900
Wagons, carts, &c.	3	900	205	3	.....	792	1,640
Wool carding	1	1,000	1,400	1	2	480	2,480
Woollen goods	3	9,500	9,340	7	4	2,496	13,850
Total	95	162,430	144,814	154	6	43,080	240,725
HURON COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	5	4,300	4,238	10	.....	3,660	12,740
Ashes, pot and pearl	2	2,000	1,200	3	.....	818	3,000
Blacksmithing	16	5,450	3,966	24	.....	7,140	14,400
Boots and shoes	32	20,410	28,600	99	.....	26,904	73,350
Brass founding	1	2,000	1,096	4	.....	1,248	2,930
Brick	3	2,000	1,260	20	.....	2,085	7,250
Brooms	3	350	1,085	3	.....	492	1,600
Carriages	6	13,000	8,657	30	.....	10,008	26,150
Clothing	7	46,100	55,050	31	109	26,016	101,950
Cooperage	11	5,600	13,202	64	.....	19,176	39,975
Drain tile	1	100	200	4	.....	600	1,350
Flour and meal	16	55,500	138,140	28	.....	10,212	271,625
Furniture—Cabinet	6	21,900	9,555	42	.....	16,860	39,600
Chairs	1	2,500	1,600	10	.....	4,200	10,500
Gas	1	20,000	587	4	.....	1,200	3,034
Husks, prepared	1	200	380	1	.....	300	1,200
Iron—Castings	2	3,000	1,225	2	.....	780	2,700
Stoves	1	3,000	1,700	3	.....	1,200	5,500
Leather	7	16,000	17,980	17	.....	5,280	28,350
Liquors—Distilled	6	119,000	365,000	50	.....	20,220	397,700
Malt	2	20,500	11,680	6	.....	1,992	19,200
Rectified	4	3,500	16,750	4	.....	1,140	23,100
Lumber, planed	3	7,300	24,040	6	.....	7,896	32,710
Lumber, sawed	53	102,150	61,456	99	.....	29,640	132,671
Machinery, steam-engines, &c.	4	98,000	50,384	220	.....	99,084	163,780
Malt	4	7,950	25,800	5	.....	2,040	38,700
Printing	1	1,000	298	3	.....	780	1,873
Saddlery and harness	10	2,700	5,665	20	.....	5,820	14,750

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
HURON COUNTY—Continued.							
Sash, doors, and blinds	2	$2,400	$4,300	7	.....	$2,640	$8,900
Sewing machines	1	20,000	6,740	40	.....	12,960	30,030
Shingles	1	1,000	2,080	3	.....	936	3,750
Soap and candles	1	700	2,200	2	.....	720	3,250
Stone quarrying	2	1,150	100	3	.....	1,020	2,700
Tin, copper, and sheet-iron ware	7	14,700	8,259	19	.....	6,000	23,550
Wagons and carts	12	5,300	2,807	14	.....	5,568	11,140
Wool carding	1	3,000	1,050	2	.....	720	1,800
Total	236	633,760	878,330	902	109	337,355	1,556,808
JACKSON COUNTY.							
Boots and shoes	1	1,500	994	4	.....	912	2,677
Coal, bituminous	1	800	.....	1	.....	300	600
Fire-arms	1	1,225	225	2	.....	480	750
Flour and meal	16	46,950	105,647	28	.....	8,256	118,890
Furniture, cabinet	2	6,000	683	10	.....	3,780	4,631
Iron, pig	11	859,000	150,713	881	.....	261,000	441,597
Iron castings—Stoves	1	30,000	2,300	8	.....	4,800	10,200
Leather	2	6,900	2,425	4	.....	1,236	4,607
Lumber, sawed	12	18,700	7,000	17	.....	4,440	17,204
Saddlery and harness	2	2,500	1,777	5	.....	1,500	3,321
Tin, copper, and sheet-iron ware	1	600	685	1	.....	240	920
Wagons, carts, &c	1	2,200	204	1	.....	360	600
Wool carding	1	4,000	1,800	1	.....	360	2,400
Total	52	980,375	274,453	963	.....	287,664	608,397
JEFFERSON COUNTY.							
Agricultural implements—Threshers and separators	2	1,400	3,500	5	.....	1,680	11,600
Blacksmithing	2	1,500	1,700	4	.....	1,800	5,000
Bookbinding	1	1,800	2,250	3	.....	720	2,900
Boots and shoes	2	3,700	3,200	12	3	3,744	9,000
Brick	1	20,000	2,600	11	2	1,150	9,000
Chemicals	1	500	1,000	2	.....	480	2,000
Cigars	3	3,650	5,200	34	.....	5,400	16,600
Clothing	3	16,000	13,500	12	26	8,700	32,000
Coal, bituminous	3	23,800	5,800	87	.....	28,200	71,320
Cotton goods	1	50,000	24,000	100	152	52,800	84,000
Dentistry	1	2,000	5,000	2	.....	960	10,000
Drain tile	2	21,000	1,500	9	1	2,460	14,000
Flour and meal	30	75,700	371,406	52	.....	15,432	498,039
Gas	1	34,000	780	6	.....	1,440	8,166
Glass ware	1	21,500	11,560	60	.....	14,400	40,000
Hats	1	2,800	350	1	.....	300	700
Iron castings	1	5,000	1,850	4	.....	1,200	4,000
Leather	1	3,000	2,800	2	.....	720	6,000
Liquors, distilled	2	17,000	29,200	7	.....	3,840	49,125
Liquors, malt	2	5,700	1,852	4	.....	1,740	3,800
Lumber, sawed	26	108,040	45,660	42	.....	12,084	69,990
Machinery, steam-engines, &c	2	29,000	23,540	29	.....	9,600	41,000
Millinery	1	2,000	2,000	.....	4	720	3,000
Nails	1	85,000	129,320	200	.....	66,000	210,000
Photographs	1	200	700	1	.....	576	1,500
Printing	3	8,600	2,397	16	.....	3,756	8,088
Saddlery and harness	1	900	1,550	5	.....	1,200	3,600
Sash, doors, and blinds	1	2,400	2,800	8	.....	2,880	6,000
Soap and candles	2	22,770	24,433	7	.....	1,440	29,455
Tin, copper, and sheet-iron ware	2	6,000	2,800	6	.....	1,740	4,780
Tobacco, manufactured	1	700	800	6	.....	960	2,500

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
JEFFERSON COUNTY—Continued.							
Venetian blinds	1	$200	$225	1	.....	$240	$500
White lead	1	12,000	8,700	4	.....	960	18,000
Woollen goods	4	33,000	33,900	32	15	10,200	45,100
Total	108	620,860	767,873	774	203	259,522	1,320,763
KNOX COUNTY.							
Agricultural implements—Miscellaneous	1	10,000	5,300	23	.....	7,680	24,500
Ploughs, cultivators, &c.	1	600	1,100	1	.....	240	2,250
Rakes	1	100	200	1	.....	480	2,100
Blacksmithing	10	3,848	2,442	14	.....	3,900	9,277
Boots and shoes	16	5,898	9,855	29	.....	8,076	25,677
Bread	2	2,800	2,146	2	.....	600	3,900
Carpentering	2	300	926	4	.....	2,016	4,750
Carriages	3	5,500	5,970	26	.....	8,724	26,965
Cigars	1	600	560	2	.....	540	1,684
Clothing	7	20,300	49,324	16	83	18,312	79,750
Cooperage	2	500	270	2	.....	720	1,230
Cordage	1	2,000	2,550	6	.....	2,160	6,000
Flour and meal	6	36,500	20,980	7	.....	2,352	25,894
Furniture—Cabinet	9	17,970	5,610	36	.....	11,988	36,976
Chairs	2	2,000	1,080	6	.....	1,932	9,025
Gas	1	10,000	1,025	4	.....	1,200	3,470
Hats	1	1,500	500	1	.....	300	1,500
Iron castings—Stoves	2	3,000	7,800	39	.....	9,312	48,200
Leather	9	14,095	8,835	15	.....	3,696	15,794
Liquors, distilled	1	2,000	19,000	4	.....	1,560	32,000
Liquors, malt	1	800	550	1	.....	240	960
Lumber, sawed	38	55,000	24,315	54	.....	14,868	52,780
Machinery, steam-engines, &c.	1	195,000	59,250	120	.....	43,200	145,000
Marble and stone work	2	2,200	2,500	6	.....	2,640	7,000
Oil, linseed	1	4,500	2,200	2	.....	600	3,300
Printing	2	5,400	825	7	.....	1,500	5,800
Saddlery and harness	4	3,860	5,360	11	.....	3,672	15,220
Sash, doors, and blinds	4	10,800	5,475	12	.....	3,864	16,470
Soap and candles	1	600	5,000	1	.....	240	5,500
Sugar evaporators	1	1,000	3,060	2	.....	456	6,000
Tin, copper, and sheet-iron ware	3	9,000	8,210	9	.....	2,400	19,024
Wagons and carts	7	3,140	1,074	11	.....	4,356	7,830
Wool carding	2	2,500	2,660	2	.....	612	3,340
Woollen goods	2	10,900	10,250	14	6	3,780	19,520
Total	147	444,211	276,202	490	89	168,216	662,686
LAKE COUNTY.							
Agricultural implements—Grain cradles and scythe snaths	1	300	150	1	.....	300	1,500
Ploughs, cultivators, &c.	3	6,000	1,870	6	.....	2,280	7,550
Rakes	1	1,500	430	2	.....	600	2,100
Boots and shoes	9	6,550	9,145	28	4	8,244	18,545
Brick	1	800	400	4	.....	425	2,400
Carriages	3	4,300	2,150	18	.....	5,400	11,600
Cheese presses and vats	2	5,300	2,900	5	.....	1,680	8,600
Cooperage	4	1,900	1,765	10	.....	3,120	9,300
Flour and meal	2	13,000	16,500	3	.....	960	21,900
Furniture, cabinet	1	500	230	2	.....	600	1,975
Iron, pig	1	15,000	4,660	2	.....	600	6,900
Iron castings—Stoves	2	8,000	11,870	16	.....	5,160	26,200
Leather	6	14,000	13,895	14	.....	4,800	22,300
Lime	2	900	1,425	4	.....	560	3,075
Lumber, planed	2	6,500	3,400	7	.....	2,340	7,550
Lumber, sawed	21	30,100	14,975	32	.....	8,760	41,550

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
LAKE COUNTY—Continued.							
Machinery, steam-engines, &c	1	$10,000	$1,000	7	.....	$2,700	$6,000
Marble and stone work	1	1,500	1,250	2	.....	720	2,700
Musical instruments—Miscellaneous	1	3,000	6,200	10	.....	5,040	18,000
Saddlery and harness	2	4,600	2,800	10	.....	2,640	8,200
Sash, doors, and blinds	1	3,000	1,455	3	.....	1,440	3,900
Shingles	1	500	400	1	.....	360	1,400
Spokes, hubs, and felloes	1	2,500	1,250	2	.....	720	4,400
Tin, copper, and sheet-iron ware	3	8,600	3,800	6	.....	2,160	9,400
Tobacco, manufactured	1	2,000	12,000	2	3	960	20,000
Turning, moulding, and scroll sawing	1	500	240	1	.....	360	750
Vinegar	1	400	1,500	1	.....	144	3,100
Wagons, carts, &c	4	8,000	1,450	15	.....	4,620	10,900
Woollen goods	2	34,500	4,850	7	.....	2,280	11,600
Total	81	193,750	123,960	231	7	69,973	293,395
LAWRENCE COUNTY.							
Agricultural implements—General	1	1,000	1,000	1	.....	300	1,500
Boots and shoes	3	4,200	4,612	19	.....	6,120	12,610
Brick	1	200	250	6	.....	600	1,000
Coal, bituminous	3	80,460	.....	66	.....	31,560	39,850
Cooperage	5	3,550	6,230	24	.....	7,608	16,800
Flour and meal	10	33,726	83,864	22	.....	7,464	100,032
Iron, bar and sheet	2	93,000	244,653	225	.....	108,000	441,000
Iron castings—Stoves	2	25,000	27,200	75	.....	30,000	85,000
Iron, pig	7	711,000	93,476	470	.....	154,128	309,229
Iron, railing	1	1,800	2,325	4	.....	1,200	4,500
Leather	2	2,200	975	2	.....	600	1,620
Liquors, malt	2	2,500	1,500	5	.....	1,200	3,750
Lumber, sawed	11	24,300	12,400	24	.....	8,268	32,850
Machinery, steam-engines, &c	1	43,000	20,705	38	.....	12,792	41,400
Marble and stone work	1	1,000	800	3	.....	1,200	2,000
Nails	1	106,000	22,206	32	.....	9,000	41,000
Pottery ware	3	3,800	1,317	8	.....	2,544	5,900
Printing	1	3,000	1,000	5	.....	1,200	2,500
Saddlery and harness	1	3,500	2,596	5	.....	1,800	4,800
Shingles	1	500	420	1	.....	240	892
Ship and boat building	1	2,000	1,250	2	.....	600	2,000
Tin, copper, and sheet-iron ware	2	3,800	3,270	6	.....	2,124	6,935
Vinegar	1	900	800	1	.....	240	1,200
Wagons, carts, &c	1	900	800	3	.....	900	1,700
Total	64	1,151,336	533,649	1,047	.....	389,688	1,160,068
LICKING COUNTY.							
Agricultural implements—Miscellaneous	2	10,550	4,224	10	.....	4,500	34,405
Rakes	1	2,500	350	3	.....	720	1,200
Threshers and separators	2	7,200	3,830	13	.....	4,740	9,350
Blacksmithing	20	10,790	7,598	35	.....	8,640	22,275
Boots and shoes	14	23,938	16,003	54	8	15,084	42,602
Bread and crackers	2	960	5,148	6	.....	1,680	8,465
Brick	3	2,820	2,052	28	.....	3,550	9,960
Bridges	1	1,000	1,000	4	.....	1,200	7,500
Carpentering	1	800	595	2	.....	624	1,800
Carriages	4	13,900	5,900	37	.....	7,560	30,450
Clothing	5	10,070	14,701	21	34	11,292	26,682
Confectionery	1	1,550	2,398	2	.....	696	3,360
Cooperage	2	550	575	2	.....	420	1,000
Cordage	2	875	1,326	4	.....	900	3,030
Flour and meal	28	93,500	204,192	41	.....	12,804	259,629
Furniture, cabinet	5	6,350	4,589	18	.....	5,880	11,740

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
LICKING COUNTY—Continued.							
Gas	1	$25,000	$1,310	3	.....	$1,008	$6,387
Iron castings—stoves	1	2,000	1,282	5	.....	1,200	3,400
Leather	12	21,075	15,130	28	.....	7,800	29,693
Liquors, distilled	1	25,000	24,875	23	.....	6,324	57,090
Liquors, malt	3	11,850	3,030	11	.....	3,912	7,300
Lumber, sawed	46	75,100	35,390	91	.....	25,176	84,225
Machinery, steam-engines, &c	1	260,000	61,580	140	.....	54,600	205,000
Marble and stone work	3	3,805	3,400	6	.....	2,340	6,558
Oil, coal	2	7,600	28,180	11	.....	3,840	37,470
Pottery ware	8	4,000	1,750	18	.....	3,672	7,500
Printing	3	7,100	2,380	14	.....	2,700	8,800
Saddlery and harness	7	5,587	7,590	25	.....	6,576	16,965
Sash, doors, and blinds	1	4,500	1,872	7	.....	2,520	4,462
Tin, copper, and sheet-iron ware	3	19,000	5,822	7	.....	2,664	12,400
Wagons, carts, &c	10	4,875	5,010	19	.....	5,868	11,985
Woollen goods	3	21,000	11,345	18	4	6,492	17,760
Wool pulling	2	16,000	32,185	16	7	4,848	44,250
Total	200	700,845	516,612	722	53	221,830	1,034,693
LOGAN COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	2,000	1,150	8	.....	1,920	5,000
Ashes, pot and pearl	1	800	32	1	.....	300	1,920
Boots and shoes	10	8,784	14,706	33	.....	6,444	25,031
Bread, &c	1	1,500	545	2	.....	960	1,660
Carriages	3	12,200	9,955	24	.....	8,808	23,300
Cigars	1	60	572	2	.....	576	2,340
Clothing	4	3,400	12,500	10	57	11,688	25,100
Cooperage	8	3,750	2,746	23	.....	5,880	18,615
Drain tile	1	2,000	40	1	.....	180	500
Flour and meal	16	89,500	221,803	24	.....	8,088	246,317
Furniture, cabinet	8	11,150	3,412	30	.....	10,224	19,338
Iron castings	1	13,000	4,900	12	.....	5,160	21,000
Leather	7	14,950	17,190	14	.....	3,612	24,809
Lumber, sawed	43	67,050	36,360	64	.....	18,708	76,270
Marble and stone work	1	1,800	2,000	3	.....	900	6,000
Oil, linseed	1	14,000	50,000	12	.....	3,600	64,000
Photographs	1	400	375	2	.....	480	1,200
Pottery ware	1	1,000	500	2	.....	720	3,000
Printing	3	3,100	1,174	12	.....	1,680	4,500
Pumps and blocks	1	700	300	4	.....	1,200	2,500
Saddlery and harness	7	3,075	5,731	16	.....	4,212	12,180
Sash, doors, and blinds	1	3,700	2,000	15	.....	5,400	15,000
Shingles	1	1,000	250	1	.....	300	687
Soap and candles	1	2,000	2,550	1	.....	432	3,520
Tin, copper, and sheet-iron ware	6	7,500	9,376	11	.....	3,300	16,017
Wagons, carts, &c	7	2,300	2,666	14	.....	4,044	8,410
Watch lathes	1	700	40	5	.....	1,800	3,250
Wool carding	2	3,000	4,830	5	.....	1,620	7,155
Woollen goods	3	10,000	4,631	8	.....	2,088	7,817
Total	142	284,419	412,334	359	57	114,324	646,436
LORAIN COUNTY.							
Agricultural implements—Rakes	1	5,000	2,800	12	.....	3,000	9,450
Ashes, pot and pearl	1	1,500	2,000	2	.....	600	6,500
Boots and shoes	4	5,100	7,158	21	3	6,228	14,510
Brooms	1	1,000	2,400	8	.....	1,152	5,000
Carriages	1	8,000	5,730	21	.....	6,648	18,000
Cigars	1	12,000	25,000	30	12	18,000	50,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
LORAIN COUNTY—Continued.							
Clothing	1	$1,800	$3,600	6	.....	$1,800	$5,746
Flour and meal	12	97,500	353,175	29	.....	9,384	423,079
Furniture, cabinet	3	5,100	941	6	.....	1,896	3,655
Gas	1	6,000	600	2	.....	720	2,000
Iron castings	2	4,000	2,250	5	.....	2,508	6,500
Leather	2	7,600	3,401	9	.....	2,160	6,200
Lumber, planed	1	2,600	1,600	3	.....	936	3,000
Lumber, sawed	20	60,950	41,025	57	.....	17,172	101,350
Marble and stone work	1	700	1,720	3	.....	1,080	3,000
Printing	1	1,500	1,050	8	.....	1,728	3,400
Saddlery and harness	3	4,200	5,548	11	.....	4,056	10,677
Sash, doors, and blinds	2	2,550	1,595	6	.....	1,968	5,600
Tin, copper, and sheet-iron ware	2	3,000	1,514	5	.....	1,380	4,525
Wagons, carts, &c	1	2,000	420	5	.....	900	1,310
Washing machines	1	200	200	2	.....	600	825
Total	62	232,300	463,727	251	15	83,916	184,327
LUCAS COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	2	4,100	1,650	9	.....	1,704	6,400
Ashes, pot and pearl	1	300	309	1	.....	312	800
Blacksmithing	1	1,000	600	2	.....	600	2,500
Bookbinding	1	1,000	2,300	4	.....	1,200	6,000
Boots and shoes	19	18,600	26,485	87	.....	29,172	64,980
Brick	4	8,000	2,900	80	.....	9,250	30,800
Bridges	1	5,000	7,000	7	.....	2,400	25,000
Carriages	4	15,500	9,650	27	.....	9,768	25,000
Cars	1	15,000	33,000	18	.....	10,800	75,000
Cigars	4	5,100	7,700	15	.....	4,920	23,150
Clothing	11	70,700	130,000	41	182	75,720	302,200
Cooperage	17	10,575	9,832	55	.....	14,328	34,144
Flour and meal	11	172,000	541,210	45	2	15,972	629,290
Furniture, cabinet	5	12,900	4,050	23	.....	6,780	31,000
Gas	1	100,000	3,600	9	.....	4,524	25,375
Iron castings	1	2,000	1,700	5	.....	1,500	6,000
Iron railing	1	500	1,155	3	.....	720	3,000
Leather	2	3,000	1,640	1	.....	360	3,300
Lime	3	3,900	11,000	13	.....	2,240	28,000
Liquors, malt	6	81,500	49,645	36	.....	12,180	127,500
Lumber, planed	4	50,000	54,000	32	.....	11,280	102,000
Lumber, sawed	21	90,100	59,350	113	.....	31,644	131,700
Machinery, steam-engines, &c	2	59,000	31,500	48	.....	15,600	54,000
Marble and stone work	4	2,700	5,800	13	.....	4,440	16,500
Oil, linseed	1	4,000	11,000	4	.....	1,500	14,000
Plumbing and gas-fitting	2	2,500	4,500	5	.....	2,100	22,000
Pottery ware	1	100	280	1	.....	360	1,400
Printing	6	22,500	13,062	49	1	16,296	41,540
Saddlery and harness	5	4,850	5,225	13	.....	4,716	14,125
Sash, doors, and blinds	2	25,000	17,000	36	.....	12,000	44,000
Shingles	6	10,600	9,850	13	.....	3,660	21,610
Ship and boat building	2	800	1,200	9	.....	3,240	6,000
Soap and candles	2	6,000	12,050	2	.....	600	37,500
Staves and heading	1	2,000	3,375	5	.....	1,500	9,000
Tin, copper, and sheet-iron ware	9	16,500	32,411	29	.....	18,360	76,475
Tobacco, manufactured	1	50,000	13,150	60	40	14,200	52,000
Veneers, mahogany	1	1,000	800	2	2	1,560	10,000
Vinegar	1	500	1,400	2	.....	480	4,000
Wagons, carts, &c	3	1,120	2,900	7	.....	2,160	7,100
Woollen goods	2	5,500	6,320	4	3	1,248	9,050
Total	172	885,445	1,130,599	1,028	230	351,394	2,123,439

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MADISON COUNTY.							
Blacksmithing	2	$2,000	$1,040	5	.....	$1,500	$4,000
Boots and shoes	6	5,800	5,486	20	.....	5,988	18,075
Brick	1	200	481	14	.....	2,500	4,300
Brooms	1	50	505	1	.....	312	900
Carriages	1	1,700	474	4	.....	1,320	1,800
Flour and meal	4	17,000	71,165	6	.....	1,896	84,875
Furniture, cabinet—Chairs	2	900	457	3	.....	912	1,550
Leather	1	3,000	2,800	3	.....	960	4,000
Liquors, distilled	1	2,000	2,500	4	.....	1,200	4,000
Lumber, sawed	7	11,100	8,100	15	.....	4,344	17,360
Marble and stone work	1	500	536	2	.....	600	1,500
Printing	2	1,400	537	6	.....	1,464	2,215
Saddlery and harness	4	3,400	2,590	7	.....	2,196	9,130
Sash, doors, and blinds	1	1,500	443	2	.....	816	1,275
Tin, copper, and sheet-iron ware	2	1,000	1,930	3	.....	840	2,980
Wagons, carts, &c.	5	6,600	3,142	12	.....	3,348	7,616
Woollen goods	1	5,000	4,575	8	2	3,324	8,316
Total	42	63,150	106,761	115	2	33,520	173,892
MAHONING COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	1	2,500	715	3	.....	1,380	2,900
Threshers and separators	1	2,500	500	2	.....	600	1,200
Blacksmithing	28	8,350	7,089	42	.....	12,804	34,310
Boots and shoes	23	8,600	11,636	49	.....	12,360	28,980
Brick	3	2,350	437	16	.....	2,000	4,700
Brooms	4	3,050	3,962	5	.....	1,632	7,050
Carriages	7	16,200	11,100	38	.....	14,820	39,200
Clothing	5	14,550	9,950	10	16	4,944	17,900
Coal, bituminous	16	110,000	.....	339	.....	135,360	263,300
Cooperage	4	6,650	2,985	15	.....	4,800	10,500
Flax dressing	2	1,200	1,500	4	.....	1,380	6,180
Flour and meal	17	102,000	244,865	31	.....	9,720	303,420
Furniture, cabinet	7	7,050	3,210	16	.....	4,944	17,900
Chairs	1	400	175	2	.....	480	1,000
Gloves, buckskin	1	500	600	1	1	276	1,100
Iron, bar and sheet	1	40,000	59,000	75	.....	27,000	100,000
Iron castings	3	23,100	9,652	33	.....	12,360	32,120
Iron ore	2	300	.....	8	.....	1,800	4,100
Iron, pig	7	263,000	482,635	175	.....	73,200	665,200
Leather	16	23,800	19,323	29	.....	7,176	31,440
Liquors, distilled	1	2,500	1,375	1	.....	480	2,840
Liquors, malt	2	3,400	1,805	4	.....	1,380	6,000
Lumber, sawed	37	43,800	36,575	61	.....	18,288	81,700
Marble and stone work	2	2,800	1,450	4	.....	1,380	4,250
Nails	1	40,000	116,000	125	.....	39,000	180,000
Oil, coal	4	135,000	18,086	60	.....	27,600	206,630
Oil, linseed	1	3,000	915	1	.....	120	1,250
Oil tanks	1	1,500	1,627	3	.....	720	2,410
Painting	2	350	250	2	.....	960	1,200
Pottery ware	3	2,400	267	3	.....	1,020	2,400
Printing	2	2,700	1,245	11	.....	2,520	6,050
Saddlery and harness	8	7,100	5,112	18	.....	5,676	14,455
Sash, doors, and blinds	2	6,500	2,408	13	.....	4,380	7,930
Shingles	2	1,000	3,300	4	.....	1,140	5,375
Stone quarrying	3	3,300	.....	19	.....	6,720	7,400
Tin, copper, and sheet-iron ware	7	9,200	6,423	15	.....	4,236	13,670
Turning, scroll sawing, and moulding	3	4,500	1,560	6	.....	1,764	4,175
Wagons, carts, &c.	10	4,700	1,424	20	.....	6,684	16,180
Woollen goods	1	2,000	3,060	3	.....	720	7,500
Total	236	911,850	1,072,216	1,266	17	453,680	2,139,515

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MARION COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	$2,000	$1,525	6	.....	$1,800	$4,500
Ashes, pot and pearl	1	600	318	1	.....	300	936
Boots and shoes	10	10,900	10,482	26	.....	8,220	23,211
Carriages	3	5,900	4,692	18	.....	5,400	14,420
Clothing	3	3,700	8,265	17	.....	4,716	15,750
Flour and meal	3	25,500	83,805	7	.....	2,340	92,090
Furniture, cabinet	2	11,000	1,800	11	.....	3,360	5,330
Iron castings	1	4,700	1,600	7	.....	2,400	7,000
Leather	3	14,000	7,360	9	.....	2,448	13,240
Liquors, distilled	1	5,000	18,900	12	.....	2,880	35,000
Lumber, sawed	17	29,040	25,073	42	.....	12,480	48,400
Marble and stone work	1	1,400	500	2	.....	840	2,700
Printing	1	600	1,400	5	.....	480	2,000
Saddlery and harness	3	2,950	3,737	11	.....	3,552	12,210
Sash, doors, and blinds	1	1,800	1,100	4	.....	1,800	3,370
Tin, copper, and sheet-iron ware	1	1,500	1,540	2	.....	600	2,300
Wagons, carts, &c	3	4,000	2,485	10	.....	3,240	7,400
Woollen goods	1	3,000	1,725	3	.....	1,080	3,400
Total	56	127,590	176,307	193	.....	57,936	293,257
MEDINA COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	5	13,500	6,406	12	.....	4,440	15,430
Threshers and separators	1	1,000	560	4	.....	1,680	2,315
Blacksmithing	1	1,500	425	2	.....	600	1,500
Boots and shoes	8	5,375	7,163	20	5	6,228	20,277
Carriages	3	19,500	8,430	30	.....	6,252	24,985
Cigars	1	1,000	300	4	3	576	1,000
Clothing	2	5,500	8,350	7	30	5,328	13,678
Flour and meal	8	32,000	23,597	10	.....	2,820	29,832
Furniture, cabinet	5	5,900	3,351	14	.....	3,480	8,758
Chairs	1	700	2,000	3	.....	900	3,000
Gloves, buckskin	1	1,500	300	1	1	336	800
Iron castings	2	6,800	10,600	7	.....	2,676	16,000
Leather	4	6,200	3,203	6	.....	1,980	5,281
Lumber, sawed	27	60,900	43,212	63	.....	19,860	86,244
Matches	1	600	661	4	3	1,200	2,800
Millinery	1	500	300	.....	3	432	1,200
Oil, linseed	2	3,800	1,600	2	.....	384	2,000
Printing	1	1,200	713	4	2	1,080	3,600
Pumps	1	800	300	2	.....	600	1,500
Saddlery and harness	2	1,650	2,905	10	1	1,308	4,238
Sash, doors, and blinds	1	700	350	2	.....	720	1,200
Tin, copper, and sheet-iron ware	4	6,400	3,387	8	.....	2,520	6,775
Wagons, carts, &c	1	800	1,000	3	.....	600	2,250
Wool carding	1	3,000	1,900	3	.....	1,080	3,211
Woollen goods	1	7,000	1,600	5	1	2,160	5,000
Total	85	187,825	132,622	226	49	69,240	262,874
MEIGS COUNTY.							
Boots and shoes	5	4,000	2,468	9	.....	2,760	7,085
Coal, bituminous	4	260,000	6,740	520	.....	229,200	960,000
Cooperage	1	300	300	2	.....	480	900
Flour and meal	9	76,000	246,649	21	.....	6,600	275,300
Iron, bar and sheet	1	100,000	74,625	60	.....	31,800	150,000
Iron castings	1	11,000	3,500	30	.....	8,400	15,000
Leather	2	3,500	3,525	6	.....	1,440	7,000
Liquors, malt	2	11,800	3,216	6	.....	900	6,400
Lumber, sawed	7	17,300	9,850	21	.....	5,460	20,620
Printing	2	3,600	1,000	9	.....	1,980	3,750

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MEIGS COUNTY—Continued.							
Salt	6	$182,000	$86,200	154	.....	$55,200	$165,400
Woollen goods	1	7,000	5,500	5	2	1,944	18,000
Total	41	676,500	443,573	843	2	346,164	1,629,455
MERCER COUNTY.							
Ashes, pot and pearl	1	800	235	1	.....	144	800
Blacksmithing	2	1,100	650	4	.....	1,200	3,500
Boots and shoes	3	900	1,992	6	.....	1,200	3,312
Cooperage	1	550	395	3	.....	576	1,312
Flour and meal	5	19,200	45,900	11	.....	3,540	56,400
Leather	1	750	800	2	.....	360	1,800
Liquors, malt	1	1,000	500	2	.....	600	1,500
Lumber, planed	1	900	3,600	3	.....	540	4,300
Lumber, sawed	10	25,650	16,860	30	.....	8,340	39,500
Printing	1	1,000	340	3	.....	600	1,550
Saddlery and harness	1	375	240	2	.....	420	790
Tin, copper, and sheet-iron ware	2	1,200	1,419	3	.....	912	3,200
Total	29	53,425	72,931	70	.....	18,432	117,964
MIAMI COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	1	2,000	3,250	4	.....	1,200	7,000
Threshers and separators	1	25,000	12,500	30	.....	12,600	51,000
Blacksmithing	2	2,600	1,659	5	.....	1,800	5,725
Boots and shoes	13	25,200	40,558	96	14	33,768	86,119
Bread and crackers	4	3,200	8,295	8	.....	2,364	12,200
Carriages	5	14,000	11,366	43	.....	15,024	41,100
Cigars	1	3,000	500	4	.....	960	2,800
Clothing	9	23,600	39,550	33	89	18,996	64,070
Cooperage	6	8,700	8,845	46	.....	15,720	29,855
Flour and meal	23	157,800	608,380	47	.....	15,792	704,804
Furniture, cabinet	6	8,400	6,235	24	.....	8,160	19,154
Gas	1	26,000	1,400	4	.....	1,524	5,078
Iron castings	1	7,000	2,250	8	.....	3,456	12,000
Leather	6	21,800	23,453	18	.....	5,784	36,975
Lime	1	300	3,250	7	.....	1,225	7,200
Liquors, distilled	3	169,000	255,576	60	.....	22,536	379,306
Liquors, malt	3	21,600	13,056	9	.....	2,760	23,400
Lumber, sawed	30	56,000	33,559	52	.....	17,268	76,903
Machinery, steam-engines, &c.	1	20,000	6,680	12	.....	5,004	59,800
Malt	2	11,000	4,905	4	.....	1,440	7,350
Marble and stone work	2	10,500	4,600	13	.....	4,680	15,000
Oil, linseed	3	56,000	69,540	21	.....	7,476	93,504
Saddlery and harness	3	6,800	6,965	10	.....	1,416	14,025
Sash, doors, and blinds	2	21,000	5,825	16	.....	6,696	27,850
Shingles	1	1,000	660	2	.....	360	1,200
Sorghum sirup	1	1,500	480	1	.....	240	960
Tin, copper, and sheet-iron ware	6	15,900	6,495	13	.....	4,884	20,925
Wagons, carts, &c.	2	4,250	786	4	.....	1,620	2,595
Wool carding	1	10,500	7,000	9	2	3,144	10,870
Woollen goods	2	4,600	5,440	5	3	2,256	8,610
Total	142	738,250	1,193,058	608	108	220,153	1,827,378
MONROE COUNTY.							
Blacksmithing	6	2,900	1,720	9	.....	2,400	4,800
Boots and shoes	6	1,750	3,715	7	.....	1,980	7,000
Bread	1	500	1,200	1	.....	300	1,600
Clothing	2	1,000	1,400	3	.....	720	2,400
Flour and meal	19	64,800	116,250	27	.....	760	142,290

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MONROE COUNTY—Continued.							
Furniture, cabinet	2	$950	$560	3	.....	$780	$1,450
Leather	11	15,900	10,800	23	.....	6,144	18,325
Liquors, malt	4	1,800	1,125	7	.....	2,160	2,400
Lumber, sawed	12	15,000	6,950	20	.....	5,700	18,100
Saddlery and harness	3	1,300	715	5	.....	1,440	2,225
Tin, copper, and sheet-iron ware	2	2,300	1,300	4	.....	1,080	2,900
Wagons, carts, &c	1	500	300	2	.....	600	900
Total	69	108,700	146,035	111	.....	31,464	204,390
MONTGOMERY COUNTY.							
Agricultural implements—Fanning mills	1	2,500	1,500	2	.....	936	5,000
Grain cradles and scythe snaths	1	1,500	950	5	.....	1,044	2,340
Grain drills	1	25,000	11,600	35	.....	16,800	45,000
Mowers and reapers	2	50,000	23,225	75	.....	33,120	124,000
Ploughs, cultivators, &c	4	6,200	5,000	16	.....	5,280	12,554
Rakes	1	400	400	2	.....	600	1,000
Beehives	2	700	775	3	.....	1,020	1,075
Blacksmithing	5	3,650	3,035	12	.....	4,404	14,205
Bookbinding	3	8,300	7,715	14	7	5,100	14,500
Boots and shoes	23	33,145	39,597	134	.....	36,648	107,025
Brass founding	1	3,500	3,000	3	.....	1,200	5,100
Bread and crackers	11	16,800	31,891	26	.....	8,076	60,100
Brick	5	6,600	4,515	38	.....	4,550	16,650
Brooms	1	1,000	2,120	2	.....	720	3,000
Brushes	1	250	100	.....	2	360	520
Carpets	1	2,000	1,665	5	.....	960	4,720
Carriages	10	43,250	28,587	76	.....	30,348	76,031
Cars	1	150,000	55,200	165	.....	78,444	230,000
Cigars	7	7,650	4,160	18	.....	5,244	15,780
Clothing	12	55,000	97,300	88	63	39,552	163,600
Coffee and spices, ground	1	3,000	4,000	2	.....	480	6,000
Confectionery	1	600	400	2	.....	420	1,058
Cooperage	8	27,750	27,890	96	.....	31,620	71,813
Coopers' tools	1	100	100	2	.....	768	1,100
Cotton batting	1	3,000	13,500	3	.....	864	18,000
Cotton goods	1	25,000	60,000	40	45	3,600	90,000
Edge tools	1	2,000	816	3	.....	864	5,500
Fire-arms	2	2,300	345	3	.....	1,020	3,220
Flax dressing	1	2,500	6,000	14	.....	3,360	30,000
Flour and meal	33	364,000	879,408	70	.....	23,736	982,335
Furniture, cabinet	8	27,610	10,366	49	.....	20,352	46,450
Gas	1	50,000	3,914	10	.....	6,000	22,255
Glue	2	10,000	12,160	7	.....	2,304	17,000
Hardware—Files	1	500	600	5	.....	1,920	3,600
Planes	1	500	1,000	1	.....	480	1,480
Hosiery	2	600	1,560	2	.....	840	2,850
Iron castings	1	3,500	2,288	10	.....	2,280	9,800
Stoves	4	73,000	40,320	110	.....	36,000	131,800
Iron railing	1	1,200	275	2	.....	816	2,250
Lasts	1	7,500	2,000	15	.....	5,040	15,000
Leather	8	85,800	78,925	66	.....	22,908	128,180
Lime	2	6,000	10,000	14	.....	1,960	49,000
Liquors, distilled	12	247,000	385,305	79	.....	26,676	560,600
Liquors, malt	9	105,500	78,560	45	.....	15,552	184,060
Looking-glass and picture frames	1	2,000	1,000	2	.....	960	3,000
Lumber, planed	1	15,000	14,000	5	.....	2,100	24,000
Lumber, sawed	22	47,920	31,700	44	.....	12,084	55,392
Machinery, cotton and woollen	1	12,000	2,770	15	.....	7,200	10,480
Machinery, steam-engines, &c	7	104,700	39,521	94	.....	41,160	142,110
Malt	3	70,000	41,695	16	.....	5,760	50,000
Marble and stone work	5	16,750	20,300	58	.....	23,832	46,140

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MONTGOMERY COUNTY—Continued.							
Millinery	1	$6,000	$6,000	1	10	$3,000	$10,000
Millstones, burr	1	15,000	11,400	10	.....	3,888	23,000
Oil, linseed	4	120,000	202,030	34	.....	13,764	282,200
Paper, printing	2	80,000	58,620	23	28	12,672	104,000
Paper, wrapping	1	4,000	5,000	8	3	3,264	15,000
Plumbing and gas-fitting	1	4,000	1,000	4	.....	864	4,000
Pottery ware	3	1,600	928	6	.....	1,752	6,830
Printing	2	25,500	11,800	25	8	8,088	30,000
Pumps and blocks	2	2,400	475	3	.....	1,008	2,500
Saddlery and harness	4	7,800	16,630	24	.....	8,100	31,680
Sash, doors, and blinds	4	16,475	17,682	49	.....	15,792	64,470
Ship and boat building	1	1,500	1,500	5	.....	1,680	3,800
Shoe pegs	1	7,500	2,000	15	.....	5,040	12,500
Soap and candles	2	23,000	26,855	10	.....	2,784	38,000
Spokes, hubs, and felloes	4	52,900	11,850	41	.....	19,020	42,645
Tin, copper, and sheet-iron ware	8	17,300	20,761	25	.....	9,252	46,700
Tobacco, manufactured	1	7,000	2,500	7	.....	1,680	4,800
Umbrellas	2	1,400	3,200	2	.....	840	6,400
Venetian blinds	1	500	1,000	1	.....	360	1,500
Vinegar	3	2,300	5,474	4	.....	1,140	17,370
Wagons, carts, &c.	7	4,800	3,319	18	.....	4,980	10,526
Willow ware	3	1,800	940	4	1	2,160	4,580
Wooden ware	1	2,500	9,000	10	.....	3,000	20,700
Woollen goods	3	30,000	16,160	15	6	5,280	24,600
Total	298	2,170,050	2,529,177	1,947	173	712,770	4,425,374
MORGAN COUNTY.							
Agricultural implements—Threshers and separators	1	600	535	2	.....	600	2,130
Blacksmithing	2	3,500	1,140	9	.....	2,340	5,190
Boots and shoes	6	6,700	6,775	26	.....	7,104	17,397
Carriages	1	800	800	5	.....	1,560	3,000
Clothing	2	2,700	8,000	3	18	2,988	12,700
Flour and meal	9	103,730	53,720	13	.....	4,380	63,360
Hats	2	2,950	1,810	5	1	1,840	4,900
Iron castings	1	4,000	1,260	4	.....	1,200	3,000
Leather	1	2,000	1,400	2	.....	600	2,300
Lumber, sawed	15	17,100	6,400	25	.....	7,020	17,945
Printing	2	6,200	1,285	10	.....	2,520	3,850
Saddlery and harness	7	3,350	2,595	13	.....	3,480	7,437
Salt	14	50,900	19,700	66	.....	15,408	46,193
Soap and candles	1	3,000	2,494	2	.....	960	3,718
Tin, copper, and sheet-iron ware	3	2,950	2,538	4	.....	1,152	4,850
Wagons, carts, &c.	2	1,100	800	4	.....	1,260	2,210
Wool carding	1	2,000	8,800	4	1	1,104	11,230
Woollen goods	1	2,500	338	3	.....	900	3,083
Total	71	216,080	120,390	200	20	56,416	214,493
MORROW COUNTY.							
Agricultural implements—Fanning mills	2	2,400	2,190	4	.....	1,440	3,820
Ashes, pot and pearl	5	2,700	2,810	7	.....	1,764	6,265
Blacksmithing	6	1,900	934	9	.....	2,640	4,778
Boots and shoes	4	3,170	4,092	13	.....	3,528	8,979
Bread, &c.	1	100	510	1	.....	360	900
Brooms	1	400	200	1	.....	240	500
Carpentering	1	100	100	2	.....	600	778
Carriages	5	7,000	6,295	14	.....	4,500	14,300
Cooperage	3	1,150	494	4	.....	1,008	1,644
Flour and meal	15	62,500	100,121	23	.....	6,264	136,623

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MORROW COUNTY—Continued.							
Furniture, cabinet	4	$4,300	$762	8	.....	$1,800	$6,417
Iron castings	1	600	2,150	4	.....	1,020	3,600
Leather	9	9,700	6,565	12	.....	3,144	13,922
Lumber, sawed	25	45,500	19,045	47	.....	12,072	44,330
Marble and stone work	1	100	300	1	.....	300	700
Printing	2	1,600	692	7	.....	1,812	3,230
Pumps	2	725	847	3	.....	1,032	2,000
Saddlery and harness	3	1,500	1,200	7	.....	1,968	6,150
Shingles	1	300	300	1	.....	240	650
Sorghum sirup	1	600	540	1	.....	72	660
Tin, copper, and sheet-iron ware	3	3,800	1,657	5	.....	1,440	4,345
Wool carding	1	1,500	2,500	1	.....	300	2,900
Woollen goods	1	5,000	3,391	6	.....	1,560	4,900
Total	97	156,645	157,695	181	.....	49,104	271,391
MUSKINGUM COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	1	3,500	975	3	.....	1,320	2,900
Blacking	1	1,000	1,500	2	5	1,620	4,500
Blacksmithing	8	5,250	4,405	16	.....	5,460	14,100
Bookbinding	3	3,100	4,100	17	2	4,800	12,000
Boots and shoes	21	15,950	16,453	68	1	22,248	54,308
Brass founding	1	500	1,000	3	.....	1,260	3,000
Bread, &c.	3	3,650	3,200	12	.....	2,880	8,500
Brick	11	5,750	9,250	76	.....	10,125	40,500
Carpentering	12	5,050	6,000	27	.....	10,980	29,950
Carpets	1	100	600	2	1	960	1,800
Carriages	5	5,600	7,120	26	.....	9,144	19,510
Cigars	4	17,700	8,900	34	.....	9,120	25,300
Clothing	6	44,300	46,600	39	71	19,668	73,000
Coal, bituminous	9	46,700	.....	58	.....	18,360	28,217
Confectionery	3	21,000	7,500	10	.....	4,080	15,500
Cooperage	8	10,700	11,834	63	.....	16,224	35,245
Cordage	1	10,000	1,600	4	.....	960	3,500
Cotton goods	2	22,000	40,000	34	81	16,800	111,000
Fire-arms	2	1,100	650	3	.....	1,800	2,750
Flour and meal	18	297,900	577,933	61	.....	21,804	661,454
Furniture—Cabinet	11	12,400	17,125	42	.....	12,768	40,280
Chairs	1	4,000	3,750	5	.....	1,920	8,000
Gas	1	15,000	2,110	10	.....	3,600	24,500
Glass ware	1	3,000	500	20	.....	7,200	18,000
Hardware—Files	1	350	100	7	.....	1,680	2,000
Hats	1	1,000	960	4	1	1,620	2,610
Ink, writing	1	800	1,000	4	.....	1,440	3,000
Iron, bar and sheet	1	38,000	61,600	90	.....	40,800	100,000
Iron castings	2	22,200	42,500	15	.....	3,720	64,000
Stoves	1	12,000	25,000	11	.....	3,960	49,000
Iron, pig	1	18,000	31,250	30	.....	12,000	59,360
Lasts	1	1,800	8,000	8	.....	3,000	15,000
Leather	10	28,400	25,487	36	.....	9,168	47,110
Lime	3	900	800	9	.....	1,890	6,000
Liquors, distilled	4	28,000	59,490	26	.....	7,560	95,027
Liquors, malt	4	21,800	25,000	24	.....	8,040	47,000
Lumber, sawed	13	22,600	11,775	26	.....	7,848	31,929
Machinery, steam-engines, &c.	5	315,000	258,200	425	.....	122,580	522,300
Marble and stone work	2	7,000	3,600	15	.....	7,500	23,300
Medicines, extracts, &c	1	1,000	1,000	2	2	840	4,000
Millinery	4	2,800	3,200	.....	28	5,400	9,000
Mineral water	1	400	400	4	.....	960	1,800
Musical instruments—Miscellaneous	1	3,000	2,000	5	.....	2,400	6,000
Oil, coal	3	7,300	9,145	19	.....	5,712	21,825
Painting	3	1,450	1,800	7	.....	3,060	6,800

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
MUSKINGUM COUNTY—Continued.							
Paper, wrapping	1	$18,000	$20,000	10	20	$8,400	$40,000
Pottery ware	39	36,800	19,342	147	1	28,848	88,458
Saddlery and harness	5	3,620	3,670	10	.....	3,240	7,764
Saddle-trees	1	1,800	1,200	8	.....	2,880	4,100
Salt	3	9,800	2,588	5	.....	996	6,228
Sash, doors, and blinds	2	13,000	5,300	21	.....	6,480	21,000
Scales	1	300	390	2	.....	720	1,500
Ship and boat building	2	200	375	4	.....	900	1,280
Soap and candles	2	19,000	14,860	10	.....	4,560	33,000
Staves and heading	1	1,000	710	2	.....	600	2,130
Tin, copper, and sheet-iron ware	8	8,800	13,625	29	.....	8,580	29,800
Upholstery	1	1,000	200	3	5	1,500	3,000
Wagons, carts, &c	6	2,575	2,550	8	.....	3,612	7,000
Woollen goods	4	40,000	24,264	23	9	9,360	37,980
Total	273	1,244,945	1,454,486	1,684	227	536,895	2,638,115
NOBLE COUNTY.							
Boots and shoes	2	1,840	813	4	.....	1,200	3,045
Flour and meal	3	13,000	18,500	4	.....	1,440	27,006
Leather	1	3,000	1,035	2	.....	600	2,050
Lumber, sawed	4	6,000	2,200	6	.....	2,040	9,425
Tin, copper, and sheet-iron ware	1	2,000	1,200	1	.....	360	3,000
Woollen goods	1	3,000	1,520	5	.....	1,200	3,750
Total	12	28 840	25,268	22	.....	6,840	48,276
OTTAWA COUNTY.							
Cement	1	100,000	30,000	50	.....	6,000	40,000
Flour and meal	2	7,000	22,000	3	.....	960	24,500
Lumber, sawed	7	27,000	30,000	24	.....	6,120	38,000
Plaster	2	90,000	6,000	100	.....	24,000	38,000
Staves and heading	2	9,000	20,000	23	.....	5,520	26,000
Stone quarrying	3	15,000	5,000	28	.....	6,720	17,000
Tin, copper, and sheet-iron ware	2	4,000	8,000	6	.....	1,800	12,000
Total	19	252,000	121,000	234	.....	51,120	195,500
PAULDING COUNTY.							
Boots and shoes	1	200	1,119	2	.....	600	1,850
Flour and meal	2	1,500	4,525	2	.....	456	5,365
Lumber, sawed	9	23,150	9,935	24	.....	6,252	22,820
Printing	1	650	128	3	.....	672	1,136
Total	13	25,500	13,707	31	.....	7,980	31,171
PERRY COUNTY.							
Boots and shoes	11	4,490	6,050	19	.....	5,184	14,154
Coal, bituminous	3	23,000	.....	22	.....	5,280	10,140
Flour and meal	5	30,600	141,620	16	.....	5,292	166,320
Furniture, cabinet	3	5,100	208	8	.....	2,724	5,560
Leather	4	7,600	5,933	9	.....	1,896	10,206
Lumber, sawed	7	7,962	4,895	14	.....	3,780	10,973
Pottery ware	9	3,655	1,606	22	.....	5,028	10,129
Saddlery and harness	3	1,800	1,520	8	.....	1,284	3,485
Wagons, carts, &c	5	8,850	1,681	15	.....	4,572	6,100
Wool carding	2	1,560	4,638	3	.....	648	5,720
Total	52	94,617	168,151	136	.....	35,688	242,787

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
PICKAWAY COUNTY.							
Blacksmithing	21	$8,450	$9,139	43	.....	$12,384	$31,005
Boots and shoes	18	10,060	20,277	54	.....	17,856	45,790
Brick	1	2,000	1,100	17	.....	2,550	5,850
Carriages	2	18,000	5,360	24	.....	6,768	17,000
Cigars	2	900	1,480	4	.....	1,440	3,100
Cooperage	3	3,560	2,560	16	.....	4,740	7,920
Flour and meal	14	94,500	162,317	21	.....	6,984	200,464
Furniture, cabinet	1	500	200	1	.....	444	1,000
Gas	1	26,000	1,020	2	.....	756	5,200
Hats	2	700	1,100	2	.....	660	2,850
Iron castings	1	27,000	7,720	30	.....	10,800	32,000
Leather	2	27,000	17,700	14	.....	5,232	34,200
Liquors, distilled	2	85,000	35,574	8	.....	2,700	40,333
Liquors, malt	1	3,500	1,100	2	.....	480	4,000
Lumber, sawed	11	19,500	9,870	23	.....	6,600	22,655
Marble and stone-cutting	1	1,700	3,000	4	.....	1,824	8,000
Meats, cured	2	165,000	155,000	23	.....	9,336	176,800
Millinery	2	3,000	5,200	.....	11	1,584	8,200
Pottery ware	1	600	50	1	.....	312	900
Printing	2	6,500	2,280	10	.....	2,676	9,920
Provisions—Pork, beef, &c	2	165,000	155,000	23	.....	9,336	176,800
Saddlery and harness	5	5,800	5,650	16	.....	5,124	13,800
Sash, doors, and blinds	1	4,500	2,000	8	.....	2,880	5,000
Tin, copper, and sheet-iron ware	3	4,050	5,400	7	.....	2,472	9,100
Wagons, carts, &c	9	4,350	3,820	17	.....	6,096	12,560
Woollen goods	1	6,600	4,340	7	.....	2,184	8,717
Total	109	528,770	463,197	354	11	114,882	706,364
PIKE COUNTY.							
Flour and meal	5	72,750	117,800	18	2	6,468	140,200
Leather	1	1,000	1,150	1	.....	192	2,000
Liquors, distilled	1	140,000	162,900	90	10	27,600	216,000
Liquors, malt	1	800	245	2	.....	480	800
Lumber, sawed	4	7,200	5,865	12	.....	3,600	16,200
Marble and stone work	1	4,000	1,000	12	.....	3,168	5,000
Total	13	225,750	288,960	135	12	41,508	380,200
PORTAGE COUNTY.							
Agricultural implements—Rakes	4	2,700	760	9	.....	1,896	4,800
Threshers and separators	2	4,400	2,594	9	.....	3,144	12,280
Blacksmithing	4	875	1,273	5	.....	1,500	4,495
Boots and shoes	7	9,800	8,893	24	.....	8,160	21,378
Brick	1	200	40	1	.....	150	550
Carpenters' tools	1	23,000	7,800	4	.....	1,440	17,000
Carriages	7	11,325	16,418	45	.....	22,668	51,300
Cheese boxes	7	3,500	2,350	13	.....	3,540	7,530
Cigars	1	800	400	1	.....	300	1,200
Clothing	1	1,500	330	1	.....	300	650
Cooperage	3	840	345	5	.....	1,080	1,930
Edge tools	1	1,000	392	2	.....	624	1,810
Flax dressing	1	2,400	600	2	.....	600	1,200
Flour and meal	11	38,050	144,266	18	.....	5,712	162,992
Furniture, cabinet	2	2,500	1,321	7	.....	2,400	4,250
Chairs	1	600	400	5	.....	1,800	5,000
Glass ware	1	6,000	11,325	50	.....	18,000	32,000
Iron castings	1	1,000	300	1	.....	300	700
Leather	6	12,050	9,424	17	.....	3,396	16,740
Lumber, sawed	33	69,350	32,486	63	.....	15,636	73,228
Machinery, steam-engines, &c	2	3,200	2,001	6	.....	2,160	14,670

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
PORTAGE COUNTY—Continued.							
Marble and stone work	1	$300	$1,000	3	.....	$1,200	$4,000
Millinery	1	875	1,600	.....	3	540	3,300
Musical instruments—Miscellaneous	1	250	50	1	.....	480	600
Photographs	1	1,000	745	1	.....	600	1,800
Pottery ware	3	6,950	2,333	17	.....	6,600	13,600
Saddlery and harness	5	3,550	2,759	8	.....	2,112	6,016
Sash, doors, and blinds	3	2,600	1,687	6	.....	1,728	5,057
Shingles	7	2,600	1,490	11	.....	1,980	4,643
Silver-plated ware	1	650	616	3	.....	804	2,000
Spokes, hubs, and felloes	4	13,100	3,070	17	.....	6,420	11,958
Stone quarrying	1	750	48	1	.....	300	600
Tin, copper, and sheet-iron ware	3	3,400	2,994	9	.....	2,820	9,126
Upholstery	1	300	150	1	1	300	1,000
Wagons, carts, &c	1	900	130	2	.....	600	875
Woollen goods	2	2,900	4,055	8	2	2,136	7,780
Total	132	235,215	266,445	378	6	123,426	508,058
PREBLE COUNTY.							
Blacksmithing	1	800	275	2	.....	480	800
Boots and shoes	3	3,400	3,975	13	.....	3,480	8,200
Carriages	4	9,950	4,915	27	.....	9,600	17,100
Clothing	2	7,500	3,138	5	3	1,152	4,840
Cooperage	5	3,600	1,960	12	.....	3,540	6,368
Cordage	1	24,000	4,000	30	.....	10,080	20,000
Flour and meal	14	105,700	225,950	25	.....	7,896	254,015
Furniture, cabinet	1	700	190	3	.....	480	1,550
Leather	5	5,000	5,705	5	.....	1,224	11,200
Liquors, distilled	1	3,000	13,980	6	.....	1,224	23,200
Lumber, sawed	18	28,150	11,665	27	.....	7,740	27,847
Marble and stone work	2	1,700	1,500	5	.....	1,380	3,500
Pumps and blocks	1	150	47	1	.....	300	600
Staves and heading	1	2,000	600	3	.....	900	2,300
Tin, copper, and sheet-iron ware	1	800	258	3	.....	900	2,500
Wagons, carts, &c	2	2,900	2,035	8	.....	1,800	4,775
Woollen goods	2	6,000	2,565	4	3	1,380	4,603
Total	64	205,350	282,758	179	6	53,556	393,458
PUTNAM COUNTY.							
Ashes, pot and pearl	2	1,300	1,172	3	.....	720	2,070
Blacksmithing	2	475	770	2	.....	600	1,700
Boots and shoes	6	4,115	4,040	17	.....	4,524	12,877
Carriages	1	1,000	1,400	3	.....	780	5,440
Clothing	1	600	1,050	3	2	612	2,245
Flour and meal	9	24,700	79,822	14	.....	4,260	98,379
Furniture, cabinet	3	2,650	2,100	6	.....	1,656	4,840
Leather	3	5,300	4,349	8	.....	2,760	7,540
Liquors—Distilled	1	20,000	8,000	5	.....	1,200	20,000
Malt	1	1,800	660	2	.....	420	2,000
Lumber, sawed	15	32,800	19,325	33	.....	9,384	45,355
Marble and stone work	1	300	225	1	.....	420	850
Saddlery and harness	1	800	858	3	.....	432	1,566
Tin, copper, and sheet-iron ware	2	1,100	1,267	3	.....	840	3,215
Total	48	96,940	125,038	103	2	28,608	208,077
RICHLAND COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	3	3,000	1,210	6	.....	1,740	3,355
Ashes, pot and pearl	1	400	875	1	.....	312	1,400
Blacksmithing	1	500	280	1	.....	300	1,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
RICHLAND COUNTY—Continued.							
Boots and shoes	10	$7,000	$10,653	31	.....	$9,804	$26,900
Bread and crackers	1	1,600	4,616	6	.....	1,800	7,640
Brick	4	5,200	1,845	23	.....	2,500	7,200
Carpenters' tools	1	1,800	940	3	.....	1,200	2,380
Carriages	6	12,600	5,095	34	.....	9,108	25,100
Clothing	4	21,000	22,300	22	24	10,560	34,100
Confectionery	1	1,000	9,775	4	.....	1,200	13,000
Cooperage	1	100	100	2	.....	600	725
Flour and meal	34	133,200	218,590	43	.....	12,900	265,419
Furniture, cabinet	10	16,100	6,367	38	.....	11,028	19,373
Chairs	1	1,000	250	3	.....	1,080	1,850
Hardware—Miscellaneous	1	100	1,500	2	.....	540	3,000
Iron castings	1	1,500	1,300	2	.....	600	4,000
Leather	16	37,000	27,210	29	.....	8,592	45,485
Liquors, malt	2	22,000	7,230	7	.....	2,100	15,500
Lumber, sawed	57	94,450	49,401	87	.....	22,584	96,638
Marble and stone work	4	5,400	3,800	11	.....	4,260	14,615
Oil, linseed	1	3,000	500	1	.....	480	1,000
Pottery ware	1	500	300	1	.....	300	1,500
Printing	1	8,000	1,550	7	.....	1,680	8,300
Saddlery and harness	7	3,700	9,650	19	.....	5,220	20,940
Sash, doors, and blinds	3	26,000	9,000	13	.....	5,520	15,958
Shovels, forks, &c.	1	300	600	1	.....	120	1,400
Sugar evaporators	1	10,000	8,000	25	.....	9,000	25,000
Tin, copper, and sheet-iron ware	4	4,600	4,040	12	.....	3,480	12,075
Wagons, carts, &c.	4	2,900	1,450	7	.....	2,280	5,650
Wooden ware	1	100	400	1	.....	240	700
Wool carding	1	2,200	1,100	1	1	348	2,400
Woollen goods	7	25,800	15,915	17	7	6,396	29,087
Total	191	451,450	425,842	460	32	137,872	712,690
ROSS COUNTY.							
Agricultural implements—Ploughs, cultivators, &c.	1	6,000	1,075	4	.....	2,400	7,000
Blacksmithing	11	3,475	2,955	16	.....	4,740	9,220
Boots and shoes	24	17,130	15,949	58	1	16,236	39,861
Bread and crackers	7	4,975	9,259	10	.....	2,508	12,302
Brick	3	5,100	1,975	33	.....	3,100	7,650
Carriages	4	4,750	4,395	23	.....	6,360	14,935
Cigars	2	275	750	4	.....	1,032	4,550
Clothing	7	15,750	15,233	32	45	13,104	34,980
Confectionery	4	9,000	2,384	5	.....	1,380	4,116
Cooperage	5	10,700	5,360	26	.....	7,560	13,661
Fire-arms	1	150	100	1	.....	360	750
Flour and meal	18	125,600	657,386	59	.....	18,108	718,906
Furniture, cabinet	7	3,200	2,133	17	.....	5,988	9,883
Chairs	1	200	300	3	.....	600	2,000
Hats	1	300	220	1	.....	240	600
Iron, bar and sheet	1	800	1,220	2	.....	900	2,200
Iron blooms	1	800	1,220	3	.....	300	1,835
Leather	9	26,400	38,882	32	.....	8,268	67,702
Liquors—Distilled	1	250,000	142,500	50	.....	15,600	248,400
Malt	3	17,500	6,645	8	.....	2,220	17,600
Rectified	3	13,500	15,051	4	.....	1,140	17,760
Lumber, planed	1	4,500	3,200	4	.....	1,008	4,800
Lumber, sawed	24	44,290	35,113	59	.....	16,860	70,267
Machinery, steam-engines, &c.	2	43,000	41,980	150	.....	37,200	110,000
Marble and stone work	2	6,600	9,260	16	.....	5,364	19,320
Paper, printing	2	50,000	43,700	27	11	9,708	91,000
Pottery ware	1	1,000	480	2	.....	720	3,556
Saddlery and harness	9	14,000	8,908	25	.....	6,948	19,782
Tin, copper, and sheet-iron ware	7	10,400	7,535	20	.....	6,072	18,140

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
ROSS COUNTY—Continued.							
Vinegar	1	$150	$796	1	.....	$300	$1,400
Wagons, carts, &c	6	2,700	1,490	12	.....	3,912	6,012
Woollen goods	2	8,000	6,610	8	2	2,376	9,850
Total	171	700,245	1,079,064	715	59	202,612	1,589,438
SANDUSKY COUNTY.							
Ashes, pot and pearl	1	300	300	1	.....	312	625
Boots and shoes	3	4,700	3,750	13	.....	3,984	15,350
Bread and crackers	2	1,500	1,000	2	.....	564	2,915
Brick	3	1,300	700	17	.....	1,265	5,500
Carpentering	1	2,500	1,200	8	.....	3,360	5,000
Carriages	1	5,000	795	2	.....	600	1,440
Cigars	1	1,000	2,000	2	.....	360	2,400
Clothing	2	8,000	7,000	9	20	4,800	18,000
Confectionery	3	2,900	10,850	6	2	1,536	22,350
Flour and meal	4	36,000	46,682	7	.....	2,040	52,175
Furniture, cabinet	6	5,950	866	14	.....	3,768	11,591
Chairs	1	300	100	1	.....	240	500
Leather	3	10,400	12,180	12	.....	4,116	21,600
Liquors, malt	2	1,700	2,460	4	.....	648	6,800
Liquors, rectified	1	700	2,000	2	.....	600	2,800
Lumber, planed	1	25,000	25,000	20	.....	6,000	60,000
Lumber, sawed	4	11,800	6,000	7	.....	2,160	10,000
Machinery, steam-engines, &c	1	6,000	1,900	4	.....	1,200	3,450
Marble and stone work	2	1,620	1,050	6	.....	2,688	6,500
Pottery ware	1	200	200	1	.....	432	1,000
Printing	4	10,050	2,533	18	.....	4,464	11,836
Pumps and blocks	1	500	120	2	.....	624	1,600
Saddlery and harness	6	1,500	4,836	11	.....	2,676	13,708
Soap and candles	1	700	900	1	.....	240	1,480
Tin, copper, and sheet-iron ware	3	4,000	5,220	7	.....	2,100	13,000
Wagons, carts, &c	3	7,300	2,969	13	.....	4,020	12,200
Wool carding	1	1,500	9,000	3	.....	540	10,200
Total	62	152,420	152,511	193	22	55,337	314,020
SCIOTO COUNTY.							
Blacksmithing	2	650	295	3	.....	1,020	2,120
Bookbinding	1	1,480	1,120	2	.....	1,080	4,000
Boots and shoes	14	8,750	24,552	58	8	19,140	52,398
Bread and crackers	2	2,500	6,585	5	.....	1,260	13,541
Brick	2	10,500	1,850	26	.....	2,840	9,000
Carpets	1	100	200	1	.....	360	800
Carriages	1	500	1,200	1	.....	300	1,500
Cigars	1	2,000	2,500	12	.....	2,700	7,000
Confectionery	2	2,000	15,550	6	4	1,944	20,850
Cooperage	4	12,700	9,140	45	.....	19,896	30,100
Cordage	1	500	600	1	.....	360	1,000
Fire-arms	1	500	225	1	.....	384	600
Flour and meal	14	116,800	294,530	52	.....	18,744	341,727
Furniture, cabinet	3	6,850	2,275	8	.....	2,640	9,300
Gas	1	40,000	1,500	2	.....	672	10,000
Gunpowder	1	10,000	20,000	8	.....	3,900	25,000
Iron, bar and sheet	1	100,000	213,000	150	.....	74,400	310,000
Iron castings—Stoves	3	18,000	12,877	32	.....	13,128	33,600
Iron, pig	8	709,000	139,473	735	.....	198,600	404,700
Leather	3	35,400	19,912	13	.....	3,144	31,700
Liquors—Distilled	1	150,000	437,500	85	.....	31,800	500,000
Malt	2	17,500	5,429	7	.....	1,860	9,208
Rectified and manufactured	2	14,195	29,790	4	.....	1,440	36,768
Lumber, sawed	10	15,000	11,025	26	.....	6,900	24,444

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
SCIOTO COUNTY—Continued.							
Machinery, steam-engines, &c	1	$61,000	$8,228	35	.....	$11,400	$41,175
Marble and stone work	2	13,000	7,000	20	.....	6,420	19,900
Mineral water	1	7,000	820	4	.....	1,440	5,000
Saddlery and harness	7	3,880	6,706	14	.....	3,816	12,760
Tin, copper, and sheet-iron ware	2	2,400	8,770	7	.....	2,112	12,000
Turning, scroll sawing, and moulding	1	1,000	1,350	4	.....	1,200	3,000
Wagons, carts, &c	3	1,800	535	4	.....	1,560	3,112
Wool carding	2	4,500	11,700	6	.....	1,920	13,840
Woollen goods	1	5,700	5,255	6	1	2,256	8,780
Total	101	1,375,205	1,301,492	1,383	13	440,636	1,998,983
SENECA COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	2	12,865	6,485	20	.....	6,432	15,005
Threshers and separators	2	7,000	12,750	31	.....	9,204	47,000
Ashes, pot and pearl	3	3,250	2,474	4	.....	1,368	6,150
Blacksmithing	7	3,960	2,918	14	.....	3,840	8,390
Bookbinding	1	650	220	1	.....	264	1,272
Boots and shoes	16	8,400	18,737	48	1	12,192	41,594
Brick	6	7,130	1,414	36	.....	3,980	8,510
Carpentering	1	1,500	575	3	.....	1,080	3,500
Carriages	5	13,725	13,305	51	.....	15,744	45,116
Cigars	1	150	250	1	.....	300	750
Clothing	11	31,950	76,574	50	99	25,644	124,106
Cooperage	4	2,075	668	9	.....	2,460	3,255
Cordage	1	2,000	1,300	1	.....	144	1,443
Drain tile	1	400	25	1	.....	150	675
Flour and meal	15	95,200	236,454	31	.....	9,564	326,047
Furniture, cabinet	4	6,800	3,010	18	.....	5,760	11,620
Chairs	1	200	168	1	.....	180	950
Gas	1	30,000	170	3	.....	1,440	4,000
Iron castings	2	13,500	5,300	23	.....	7,680	30,415
Leather	8	41,100	22,172	35	.....	11,124	40,542
Lime	1	100	725	4	.....	616	1,800
Liquors, malt	3	11,000	5,943	7	.....	2,052	21,830
Lumber, planed	1	4,000	5,375	7	.....	2,976	9,605
Lumber, sawed	45	72,675	47,636	87	.....	24,360	106,216
Machinery, steam-engines, &c	1	1,500	308	2	.....	792	1,100
Marble and stone work	2	1,500	2,800	5	.....	1,440	7,500
Medicines, extracts, &c	1	60	60	1	.....	300	550
Painting	1	1,100	787	6	.....	1,440	3,673
Printing	1	1,500	685	5	1	1,644	3,070
Saddlery and harness	8	5,500	9,492	26	.....	6,228	26,166
Sash, doors, and blinds	2	14,500	7,243	17	.....	6,000	15,300
Soap and candles	1	1,000	3,500	3	.....	1,416	5,421
Spokes, hubs, and felloes	1	600	560	2	.....	720	1,650
Tin, copper, and sheet-iron ware	5	21,500	21,033	24	.....	6,780	32,850
Turning, scroll sawing, and moulding	1	250	12	1	.....	600	700
Wagons, carts, &c	9	9,875	6,248	31	.....	8,952	17,606
Wool carding	1	2,500	7,650	2	.....	600	9,800
Total	176	431,015	525,026	611	101	185,466	985,207
SHELBY COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	1,500	160	4	.....	960	1,875
Carriages	2	1,800	240	5	.....	1,560	3,600
Cooperage	1	7,000	4,800	28	.....	7,200	16,000
Flour and meal	3	24,000	52,000	7	.....	2,100	59,100
Iron castings	1	6,000	448	1	.....	600	1,500
Leather	2	25,650	13,400	11	.....	3,240	20,000
Liquors, distilled	1	120,000	248,750	30	.....	12,000	290,000
Lumber, sawed	12	33,600	21,200	41	.....	13,200	64,350

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
SHELBY COUNTY—Continued.							
Marble and stone work	1	$500	$400	3	.....	$1,080	$3,375
Sash, doors, and blinds	1	3,000	2,000	3	.....	1,080	3,350
Wagons and carts	1	1,100	100	3	.....	600	1,400
Woollen goods	1	4,000	635	2	.....	600	1,560
Total	27	228,150	344,133	138	.....	44,220	466,110
STARK COUNTY.							
Agricultural implements—General	1	2,000	990	8	.....	1,728	3,500
Grain drills	1	4,000	4,000	10	.....	3,600	12,525
Mowers and reapers	3	219,000	117,750	350	.....	139,200	609,000
Ploughs, cultivators, &c	6	12,300	4,032	20	.....	6,084	14,255
Rakes	1	1,000	600	2	.....	600	3,000
Threshers and separators	3	230,000	118,420	210	.....	80,400	258,200
Blacksmithing	9	7,660	2,644	18	.....	4,680	10,258
Boots and shoes	18	33,000	20,135	61	6	16,896	46,833
Brick	3	2,700	1,912	31	.....	1,830	7,600
Carriages	5	5,800	5,749	18	.....	5,280	12,460
Clothing	6	22,350	23,205	28	52	15,480	42,275
Coal, bituminous	3	40,000	1,800	130	.....	45,600	60,000
Confectionery	1	3,000	3,000	3	.....	432	4,368
Cooperage	4	2,150	2,172	11	.....	2,160	4,796
Flour and meal	24	157,100	449,049	46	.....	15,864	495,838
Furniture, cabinet	5	21,900	8,860	35	.....	13,548	32,300
Gas	2	23,300	1,180	6	.....	2,400	6,600
Hats	1	5,000	1,000	2	.....	840	4,000
Iron castings	1	2,000	2,000	3	.....	1,200	4,000
Iron, pig	1	95,000	88,000	100	.....	36,000	180,000
Leather	20	68,050	37,457	37	.....	8,496	65,875
Liquors, distilled	1	600	776	1	.....	240	1,079
Liquors, malt	3	10,000	6,550	8	.....	2,040	14,400
Lumber, planed	1	6,000	1,610	2	.....	432	2,000
Lumber, sawed	22	43,666	20,925	47	.....	17,400	51,516
Machinery, steam-engines, &c	3	12,700	3,612	21	.....	4,992	13,100
Marble and stone work	1	5,000	2,500	8	.....	2,880	7,000
Paper, printing	1	10,000	9,000	5	5	2,400	20,000
Pottery ware	1	400	350	2	.....	624	1,250
Saddlery and harness	9	8,530	7,144	24	.....	4,836	16,355
Sash, doors, and blinds	1	2,000	500	3	.....	1,080	2,000
Soap and candles	1	6,000	7,000	3	.....	1,080	12,000
Tin, copper, and sheet-iron ware	8	23,500	31,179	26	.....	7,200	65,639
Wagons, carts, &c	3	6,100	5,910	15	.....	4,104	12,425
Woollen goods	3	7,000	10,420	8	2	2,412	14,410
Total	176	1,098,806	1,001,431	1,302	65	454,038	2,110,857
SUMMIT COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	2	2,700	1,050	3	.....	1,020	2,600
Rakes	1	185	155	3	.....	720	1,800
Threshers and separators	2	3,800	5,400	10	.....	3,900	10,800
Bags	1	100	695	.....	1	144	986
Blacksmithing	9	3,900	2,004	12	.....	3,228	8,860
Boots and shoes	21	19,950	14,470	45	.....	11,028	34,456
Bread, &c	2	4,760	7,660	5	.....	1,776	13,400
Brick	4	3,600	600	27	.....	2,500	7,200
Brooms	1	1,200	800	3	.....	1,080	2,000
Carriages	4	18,400	16,500	43	.....	14,784	42,000
Cars	1	178,417	10,000	12	.....	4,800	21,000
Cigars	1	100	400	1	.....	192	600
Clothing	8	12,925	30,120	31	136	20,220	68,500
Coal, bituminous	5	6,850	.....	20	.....	7,740	11,470

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
SUMMIT COUNTY—Continued.							
Cooperage	8	$8,200	$7,050	26	.....	$8,940	$19,920
Cordage	2	11,000	9,608	14	9	3,984	19,500
Dentistry	2	2,400	1,400	3	.....	1,680	8,000
Drain tile	1	20,000	3,000	30	.....	8,400	30,000
Fire-arms	1	400	100	1	.....	300	500
Flour and meal	21	184,200	549,902	53	.....	20,568	635,361
Furniture—Cabinet	2	3,500	5,600	7	.....	2,592	11,000
Chairs	1	100	100	1	.....	240	500
Gas	1	10,000	800	3	.....	636	3,000
Gunpowder	1	75,000	67,600	20	.....	12,000	90,000
Iron castings	1	8,000	3,000	14	.....	3,600	15,000
Stoves	1	40,000	24,000	5	.....	1,800	50,000
Jewelry	1	500	100	1	.....	300	500
Leather	9	36,000	21,035	26	.....	8,664	47,467
Liquors—Distilled	1	2,000	1,100	3	.....	900	2,125
Malt	1	2,500	2,000	3	.....	1,200	4,800
Rectified	1	400	1,000	1	.....	360	1,700
Lumber, planed	1	6,000	6,000	4	.....	1,500	7,500
Lumber, sawed	9	24,900	12,325	21	.....	6,360	23,490
Machinery—Cotton and woollen	1	1,000	800	1	.....	120	1,000
Steam-engines, &c	3	10,500	9,500	26	.....	10,200	25,500
Matches	2	4,300	1,723	5	11	3,600	9,700
Millinery	6	4,600	6,100	.....	22	2,988	12,000
Musical instruments—Miscellaneous	1	3,000	3,000	6	.....	2,400	7,800
Paper, printing	2	70,000	81,000	39	39	21,264	128,000
Photographs	2	1,300	1,000	2	1	840	3,000
Plaster, ground	1	2,000	3,000	2	.....	600	4,000
Pottery ware	21	29,200	11,274	90	.....	28,848	64,380
Saddlery and harness	11	5,850	4,860	17	.....	4,656	16,100
Sash, doors, and blinds	1	1,000	800	3	.....	1,056	2,000
Soap and candles	1	100	300	1	.....	192	500
Spokes, hubs, and felloes	1	600	50	1	.....	360	500
Tin, copper, and sheet-iron ware	8	8,300	7,845	17	.....	5,220	16,750
Turning, scroll sawing, and moulding	1	1,000	2,500	3	.....	720	6,800
Wagons, carts, &c	10	3,900	3,061	17	.....	5,736	10,100
Wool carding	1	5,000	3,038	2	1	768	4,407
Woollen goods	2	14,500	10,700	11	6	2,640	19,500
Total	202	858,137	956,125	604	226	249,364	1,528,072
TRUMBULL COUNTY.							
Agricultural implements—Fanning mills	2	1,500	745	4	.....	1,068	4,300
Grain drills	1	200	230	3	.....	936	1,950
Ploughs, cultivators, &c	1	500	322	2	.....	696	1,000
Threshers and separators	1	2,000	376	3	.....	720	1,200
Ashes, pot and pearl	2	900	2,660	6	.....	1,440	4,500
Blacksmithing	1	75	56	1	.....	168	600
Boots and shoes	8	16,950	6,912	25	4	6,720	19,195
Boxes, cheese	1	100	500	2	.....	600	1,200
Brick	2	2,200	476	13	.....	1,475	3,500
Carriages	7	30,300	14,420	44	.....	17,292	41,790
Clothing	2	10,500	11,500	6	29	6,360	23,300
Coal, bituminous	1	20,000	1,095	100	.....	36,000	42,846
Confectionery	2	2,000	36,000	6	.....	2,208	42,000
Cooperage	2	3,500	784	10	.....	2,340	3,940
Cordage	1	100	500	1	.....	300	800
Dentistry	1	600	625	2	.....	600	2,000
Flax dressing	2	8,000	5,000	20	.....	6,240	12,685
Flour and meal	11	58,500	163,691	21	.....	7,200	216,745
Furniture, cabinet	3	5,700	920	15	.....	4,980	7,600
Iron, bar and sheet	1	130,000	129,100	180	.....	42,000	210,000
Iron castings	1	2,000	1,600	2	.....	900	4,000

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
TRUMBULL COUNTY—Continued.							
Iron stoves	2	$11,000	$5,400	18	.....	$6,240	$16,400
Iron, pig	1	120,000	106,000	100	.....	24,000	150,000
Leather	8	19,300	12,476	17	.....	4,692	21,775
Liquors, distilled	2	1,500	4,090	6	.....	1,440	8,760
Liquors, malt	1	3,000	1,700	2	.....	480	2,200
Lumber, planed	1	20,000	15,250	4	.....	1,440	17,000
Lumber, sawed	45	80,195	48,139	102	.....	28,932	111,835
Machinery, steam-engines, &c	4	12,000	6,485	25	.....	7,560	20,450
Marble and stone work	1	9,000	9,500	5	.....	2,040	13,000
Oil, linseed	2	3,800	37,390	9	.....	2,580	41,300
Photographs	1	800	650	2	.....	600	2,500
Printing	2	6,000	1,652	9	.....	1,800	4,540
Pumps	5	8,900	7,560	24	.....	7,728	23,200
Saddlery and harness	7	6,450	9,890	23	.....	6,480	21,500
Sash, doors, and blinds	1	1,400	400	2	.....	900	2,320
Shingles	2	1,300	400	4	.....	1,008	4,500
Silver plated ware	1	150	110	1	.....	480	800
Spokes, hubs, and felloes	2	1,500	250	3	.....	936	1,532
Wagons, carts, &c	5	3,300	905	10	.....	3,108	6,395
Wooden ware	1	500	65	2	.....	624	760
Wool carding	1	2,000	2,500	4	.....	1,200	3,000
Woollen goods	4	9,400	13,800	19	3	6,300	24,150
Total	152	617,120	662,124	857	36	251,111	1,143,068
TUSCARAWAS COUNTY.							
Agricultural implements—Mowers and reapers	1	20,000	12,940	22	.....	9,336	32,500
Threshers and separators	1	4,000	800	10	.....	3,120	5,510
Blacksmithing	7	2,110	1,481	9	.....	2,568	6,170
Boots and shoes	15	18,000	11,102	41	.....	8,484	28,540
Bread	1	500	3,120	1	.....	300	3,670
Carriages	3	5,200	5,028	6	.....	3,708	9,600
Cigars	1	1,000	600	2	.....	360	975
Clothing	1	200	557	1	.....	360	1,000
Coal, bituminous	2	16,000	.....	23	.....	5,352	11,780
Cooperage	4	1,345	1,025	4	.....	1,080	2,350
Flour and meal	23	151,500	333,614	39	.....	12,132	390,325
Furniture, cabinet	4	1,900	1,252	10	.....	2,388	4,300
Chairs	1	250	107	2	.....	360	600
Hardware—Sash fasteners	1	400	624	3	.....	540	1,250
Iron castings	1	4,500	6,650	6	.....	2,040	9,400
Iron, pig	1	60,000	4,800	2	.....	960	6,160
Leather	18	40,100	24,108	34	.....	7,920	43,925
Liquors, distilled	2	2,800	3,020	2	.....	408	7,200
Liquors, malt	2	6,220	4,758	6	.....	1,560	13,104
Lumber, sawed	40	50,550	24,399	57	.....	14,880	48,780
Marble and stone work	1	1,000	700	1	.....	300	1,800
Oil, coal	1	13,000	6,000	4	.....	1,920	14,000
Pottery ware	3	1,300	996	9	.....	2,328	5,512
Saddlery and harness	8	5,350	5,600	14	.....	2,904	11,906
Tin, copper, and sheet-iron ware	7	10,500	5,285	16	.....	4,092	16,590
Wagons, carts, &c	4	900	110	5	.....	1,680	2,600
Wool carding	3	24,000	29,800	14	8	4,692	39,720
Woollen goods	2	5,000	3,798	8	3	1,656	5,697
Total	158	447,625	492,274	351	11	97,428	724,964
UNION COUNTY.							
Ashes, pot and pearl	3	8,300	11,216	8	.....	2,568	17,470
Blacksmithing	9	6,300	2,004	12	.....	3,048	6,305
Boots and shoes	5	3,800	4,315	11	.....	3,252	10,150
Brick	2	250	235	8	.....	550	2,580

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
UNION COUNTY—Continued.							
Carriages	1	$1,000	$468	2	.....	$600	$2,000
Cooperage	3	950	532	5	.....	1,512	2,305
Drain tile	1	300	88	3	.....	270	960
Flour and meal	10	30,400	26,195	14	.....	4,092	32,672
Furniture, cabinet	1	3,000	250	1	.....	300	800
Leather	4	8,300	3,544	7	.....	1,740	6,163
Liquors, distilled	1	2,500	5,760	4	.....	1,440	7,500
Lumber, sawed	18	25,500	16,700	36	.....	8,616	37,345
Pottery ware	1	800	163	3	.....	540	2,500
Saddlery and harness	4	5,300	3,390	10	.....	1,776	7,047
Tin, copper, and sheet-iron ware	2	3,200	1,817	3	.....	912	3,308
Wagons, carts, &c	2	900	377	4	.....	1,380	1,825
Woollen goods	1	4,000	1,950	3	3	960	3,700
Total	68	104,800	78,904	134	3	33,556	144,630
VAN WERT COUNTY.							
Ashes, pot and pearl	2	650	355	2	.....	468	1,000
Boots and shoes	1	800	2,000	7	.....	1,680	5,000
Brick	1	400	100	4	.....	400	1,500
Cooperage	3	650	580	6	.....	1,848	2,710
Flour and meal	3	32,200	153,967	9	.....	2,700	170,514
Furniture, cabinet	2	900	172	6	.....	1,584	2,400
Leather	3	4,900	3,700	11	.....	1,740	6,700
Lumber, sawed	14	27,610	16,750	36	.....	10,548	42,298
Printing	1	900	280	3	.....	720	1,050
Saddlery and harness	1	200	540	2	.....	480	1,025
Wool carding	1	2,800	4,800	6	.....	1,872	7,050
Total	32	72,010	183,244	92	.....	24,040	241,247
VINTON COUNTY.							
Boots and shoes	2	600	1,481	4	.....	936	2,587
Flour and meal	5	32,700	19,842	8	.....	2,220	26,410
Furniture, cabinet	1	1,000	280	2	.....	432	1,389
Iron castings	1	7,000	3,200	8	.....	3,240	10,500
Iron, pig	5	579,000	112,851	320	.....	111,192	252,220
Leather	4	7,000	5,299	6	.....	1,752	8,415
Lumber, sawed	1	2,800	750	3	.....	1,080	2,200
Pottery ware	3	5,000	627	5	.....	1,200	2,402
Printing	2	1,700	460	5	.....	1,296	2,182
Tin, copper, and sheet-iron ware	2	900	1,098	2	.....	912	2,825
Total	26	637,700	145,888	363	.....	124,260	311,130
WARREN COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	1	1,000	180	3	.....	936	1,250
Blacksmithing	5	1,075	1,011	12	.....	3,720	7,060
Boots and shoes	16	11,450	17,253	43	9	14,232	37,170
Bread and crackers	4	3,550	6,475	6	.....	1,836	10,456
Brick	1	3,500	600	6	.....	900	6,000
Brooms	4	7,250	7,750	24	.....	5,472	17,500
Carpets	1	100	400	1	.....	360	1,400
Carriages	6	14,950	10,178	33	1	14,076	27,313
Chemicals	2	3,200	2,640	4	.....	888	3,848
Clothing	5	6,200	13,050	14	12	7,356	28,100
Cooperage	5	4,750	6,940	34	.....	12,024	21,320
Flour and meal	29	170,850	469,920	48	.....	15,012	533,988
Furniture, cabinet	4	4,750	2,537	7	.....	3,360	10,732
Hats	1	500	725	1	1	216	2,024
Leather	7	30,750	24,282	23	.....	7,548	37,687

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
WARREN COUNTY—Continued.							
Liquors, distilled	5	$90,000	$236,998	44	.....	$15,576	$298,058
Liquors, malt	1	10,000	7,535	4	.....	1,440	10,820
Lumber, planed	2	21,000	12,000	44	.....	19,584	33,866
Lumber, sawed	21	28,600	21,458	40	.....	12,348	47,836
Marble and stone work	1	1,500	1,152	5	.....	1,200	3,530
Matches	1	500	400	2	2	552	1,100
Medicines, extracts, &c	1	1,500	1,500	2	.....	720	10,000
Millinery	2	425	675	.....	4	600	1,900
Pottery ware	1	700	260	2	.....	480	1,500
Printing	3	10,350	2,012	10	2	2,292	7,293
Pumps and blocks	1	100	150	2	.....	720	1,150
Saddlery and harness	4	9,000	5,707	18	.....	5,520	19,356
Soap and candles	2	1,600	4,175	3	.....	900	6,068
Starch	1	22,000	10,000	20	.....	5,280	25,000
Tin, copper, and sheet-iron ware	7	9,450	8,051	13	.....	4,176	17,555
Wagons, carts, &c	8	10,600	13,395	40	.....	15,252	39,645
Wooden screws	1	500	150	2	.....	720	1,000
Woollen goods	2	5,400	4,000	7	.....	2,040	7,200
Total	155	487,150	893,559	517	31	177,336	1,278,725
WASHINGTON COUNTY.							
Agricultural implements—Grain cradles and scythe snaths	1	100	75	1	.....	300	600
Ploughs, cultivators, &c	1	10,000	3,750	20	.....	6,000	15,600
Blacksmithing	8	2,961	3,511	19	.....	5,820	13,900
Boots and shoes	12	22,650	24,820	55	3	17,904	49,945
Bread and crackers	3	1,650	6,240	4	.....	1,200	9,240
Brick	2	1,000	965	18	.....	1,950	5,800
Carriages	1	2,000	135	1	.....	480	1,600
Cigars	1	800	600	2	.....	480	2,000
Clothing	6	7,000	17,810	16	12	5,748	30,380
Confectionery	1	1,200	2,190	1	.....	300	2,600
Cooperage	1	400	280	4	.....	720	1,000
Fire-arms	2	900	250	3	.....	1,200	1,450
Flour and meal	16	160,400	280,130	39	.....	12,204	337,848
Furniture, cabinet—Chairs	2	51,000	12,770	68	15	15,960	45,875
Glue	1	300	320	2	.....	600	1,200
Grindstones	4	3,800	1,900	10	.....	3,360	6,640
Hardware—Apple parers	1	2,000	3,184	10	.....	4,800	8,100
Iron castings	1	7,000	3,045	12	.....	3,120	9,790
Leather	10	164,900	99,910	39	.....	17,340	173,520
Liquors, malt	1	600	590	1	.....	420	2,000
Lumber, planed	1	13,000	6,000	6	.....	1,800	9,000
Lumber, sawed	24	51,000	31,789	59	.....	16,920	67,400
Machinery, steam-engines, &c	2	25,000	6,540	19	.....	7,440	33,200
Marble and stone work	1	500	800	2	.....	600	2,000
Medicines, extracts, &c	1	2,000	200	1	.....	156	900
Printing	4	6,500	1,494	14	.....	3,540	6,830
Pumps and blocks	1	300	400	1	.....	480	1,000
Saddlery and harness	7	5,650	5,555	13	.....	3,600	11,900
Sash, doors, and blinds	2	3,000	1,490	6	.....	1,920	4,500
Soap and candles	1	5,000	18,600	5	.....	1,500	30,000
Tin, copper, and sheet-iron ware	4	1,950	2,315	6	.....	1,740	5,850
Wagons, carts, &c	6	3,250	635	8	.....	2,460	4,980
Wooden ware	3	82,000	106,872	157	.....	61,200	263,550
Wool carding	1	1,000	4,183	2	.....	600	5,442
Woollen goods	2	15,000	7,500	7	6	2,340	10,810
Total	135	655,811	656,848	611	36	206,202	1,176,456
WAYNE COUNTY.							
Agricultural implements—Threshers and separators	1	30,000	15,450	50	.....	16,800	47,700
Blacksmithing	1	550	401	2	.....	480	1,420

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
WAYNE COUNTY—Continued.							
Boots and shoes	4	$4,600	$2,252	8	.....	$2,388	$5,900
Brick	4	2,115	1,370	19	.....	2,000	6,920
Brushes	1	2,000	1,500	5	2	1,296	5,000
Carpentering	1	1,000	580	3	.....	720	5,400
Carriages	4	21,600	8,569	31	.....	11,388	28,880
Coal, bituminous	7	20,850	.....	93	.....	27,720	40,630
Confectionery	1	1,000	1,100	2	1	408	3,400
Cooperage	1	200	378	2	.....	600	1,013
Cordage	1	800	1,520	2	.....	480	2,070
Flour and meal	31	162,760	335,756	55	.....	16,104	390,152
Furniture, cabinet	5	4,300	1,389	23	.....	7,704	14,287
Hats	1	3,000	2,050	2	2	900	4,800
Iron castings	2	3,000	802	5	.....	1,260	2,140
Leather	10	23,700	13,245	17	.....	2,760	26,362
Liquors, distilled	2	10,900	13,810	11	.....	2,592	19,122
Liquors, malt	1	6,000	2,900	5	.....	1,320	5,800
Lumber, sawed	43	73,650	31,195	83	.....	22,836	89,120
Machinery, steam-engines, &c	1	15,000	4,300	16	.....	6,120	20,000
Marble and stone work	2	6,600	5,500	5	.....	1,740	7,700
Oil, linseed	1	1,200	1,500	1	.....	300	2,240
Pottery ware	1	2,000	400	5	.....	1,200	1,600
Saddlery and harness	1	500	737	3	.....	852	1,620
Saddle-trees	1	1,000	800	2	.....	720	2,500
Tin, copper, and sheet-iron ware	2	3,000	2,979	6	.....	1,764	6,275
Wagons, carts, &c	2	1,425	310	3	.....	1,200	2,495
Wool carding	1	4,000	1,000	1	.....	192	1,200
Woollen goods	4	10,500	6,820	12	.....	3,024	13,007
Total	137	417,190	458,613	472	5	136,868	758,753
WILLIAMS COUNTY.							
Agricultural implements—Ploughs, cultivators, &c	2	5,300	2,300	3	.....	912	3,350
Ashes, pot and pearl	11	9,600	10,032	17	.....	4,572	19,900
Blacksmithing	1	800	390	2	.....	480	1,150
Boots and shoes	6	9,200	5,742	15	.....	4,464	11,625
Flour and meal	11	67,500	110,765	19	.....	5,328	123,965
Furniture, cabinet	2	2,200	390	3	.....	1,032	2,087
Hats	1	400	325	2	.....	600	1,612
Leather	2	8,000	6,303	5	.....	1,200	13,175
Liquors, distilled	1	1,000	500	1	.....	312	1,792
Liquors, malt	1	2,000	900	2	.....	480	1,875
Lumber, sawed	18	35,300	26,507	39	.....	10,512	47,400
Saddlery and harness	3	3,500	3,920	7	.....	1,212	7,346
Tin, copper, and sheet-iron ware	3	4,100	2,405	4	.....	1,092	4,145
Wagons, carts, &c	3	3,200	1,107	8	.....	2,244	5,490
Woollen goods	1	2,600	2,350	7	2	1,968	6,900
Total	66	154,700	174,026	134	2	36,408	251,812
WOOD COUNTY.							
Ashes, pot and pearl	3	900	3,400	4	.....	1,056	7,800
Blacksmithing	8	3,525	1,730	12	.....	3,120	8,050
Boots and shoes	12	2,730	3,385	26	.....	5,472	11,860
Brooms	1	5,000	3,000	6	2	1,440	5,000
Cooperage	2	1,400	825	7	.....	2,016	3,500
Fisheries	4	4,600	2,200	15	.....	3,600	6,600
Flour and meal	5	25,500	50,000	9	.....	2,640	59,400
Furniture, cabinet	5	2,800	820	12	.....	4,260	6,700
Iron castings	1	1,000	2,500	8	.....	2,880	8,000
Leather	2	4,500	2,000	5	.....	1,140	4,750
Lumber, sawed	23	55,200	47,800	69	11	15,564	85,400

TABLE No. 1.—MANUFACTURES, BY COUNTIES, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
WOOD COUNTY—Continued.							
Saddlery and harness	2	$450	$450	3	.....	$1,080	$3,000
Sash, doors, and blinds	1	3,000	1,000	3	.....	996	2,000
Shingles	1	400	500	3	.....	576	1,200
Tin, copper, and sheet-iron ware	3	1,600	1,200	6	.....	1,560	4,000
Wagons, carts, &c	7	2,550	1,750	15	.....	3,732	7,650
Total	80	115,155	122,560	203	13	51,132	224,910
WYANDOTT COUNTY.							
Boots and shoes	5	2,600	3,888	17	.....	5,604	13,000
Brick	2	3,600	80	10	.....	1,500	3,200
Carriages	1	3,000	2,000	6	.....	3,000	5,000
Clothing	2	9,000	4,000	9	6	4,536	10,000
Flour and meal	9	48,500	150,196	21	.....	6,900	174,800
Furniture, cabinet	2	3,000	2,000	9	.....	2,940	5,000
Leather	3	5,400	2,820	8	.....	2,016	6,300
Liquors, distilled	1	3,000	58,000	20	.....	7,200	112,500
Liquors, malt	2	2,000	2,700	3	.....	1,440	5,616
Lumber, planed	1	7,000	5,000	5	.....	1,920	7,000
Lumber, sawed	20	37,900	41,050	64	.....	20,508	99,350
Machinery, steam-engines, &c	1	5,000	2,200	9	.....	4,200	14,000
Marble and stone work	1	1,000	1,000	2	.....	960	2,350
Printing	1	800	50	3	.....	720	1,400
Saddlery and harness	1	150	900	2	.....	600	1,500
Tin, copper, and sheet-iron ware	1	1,000	600	3	.....	1,080	3,000
Wagons, carts, &c	1	1,000	1,000	1	.....	480	1,500
Total	54	133,950	277,484	192	6	65,604	465,516

TABLE No. 2.—RECAPITULATION BY COUNTIES, 1860.

COUNTIES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
Adams	92	$475,530	$514,956	314	2	$94,932	$695,284
Allen	51	130,200	200,424	153	.....	44,472	304,688
Ashland	94	312,450	330,109	259	62	76,200	531,040
Ashtabula	236	347,895	349,636	631	23	194,182	677,367
Athens	100	331,915	361,525	397	11	112,476	545,577
Auglaize	82	176,225	345,809	200	2	56,642	493,014
Belmont	133	360,813	392,815	443	9	125,040	666,244
Brown	125	364,500	870,957	487	2	161,136	1,272,577
Butler	168	1,047,012	1,259,999	873	66	275,320	1,971,722
Carroll	41	117,445	89,108	109	3	31,868	154,290
Champaign	57	409,950	504,965	240	3	81,830	736,614
Clark	198	836,696	1,241,958	819	60	261,689	1,900,481
Clermont	207	468,215	720,467	623	60	199,764	1,292,121
Clinton	76	149,300	312,738	171	3	52,020	436,755
Columbiana	171	483,456	385,468	717	66	240,312	803,581
Coshocton	53	180,250	190,342	226	2	65,172	319,424
Crawford	117	220,505	455,763	376	16	108,563	738,272
Cuyahoga	387	2,676,963	4,029,015	3,794	661	1,333,118	6,973,737
Darke	44	153,400	394,447	116	.....	31,528	479,721
Defiance	46	119,850	120,660	133	6	36,744	215,652
Delaware	78	316,755	262,329	322	26	103,260	502,081
Erie	57	362,050	667,952	431	1	126,515	980,172
Fairfield	154	410,258	424,279	423	41	119,064	699,752
Fayette	34	132,400	261,497	132	.....	43,092	369,281
Franklin	201	1,889,320	1,525,599	2,182	103	649,092	2,961,375
Fulton	67	92,705	117,543	148	3	42,984	206,684
Gallia	52	258,260	478,730	272	8	85,428	647,270
Geauga	45	74,175	38,665	124	4	39,236	117,490
Greene	110	601,085	947,068	407	10	134,558	1,334,782
Guernsey	39	135,800	146,626	100	1	27,840	201,077
Hamilton	2,084	18,983,693	25,887,363	23,767	6,501	8,693,830	46,995,062
Hancock	90	233,015	463,598	228	5	68,952	633,655
Hardin	61	154,380	84,539	175	16	45,708	182,203
Harrison	18	27,750	24,765	53	.....	14,808	48,854
Henry	13	18,350	13,894	31	.....	8,136	32,516
Highland	82	219,950	378,346	230	8	71,724	568,805
Hocking	31	246,475	192,840	264	4	96,520	341,620
Holmes	95	162,430	144,814	154	6	43,080	240,725
Huron	236	633,760	878,330	902	109	337,355	1,556,808
Jackson	52	980,375	274,453	963	.....	287,664	608,397
Jefferson	108	620,860	767,873	774	203	259,522	1,320,763
Knox	147	444,211	276,202	490	89	168,216	662,686
Lake	81	193,750	123,960	221	7	69,973	293,395
Lawrence	64	1,151,336	533,649	1,047	.....	389,688	1,160,068
Licking	200	700,845	516,612	722	53	221,830	1,034,693
Logan	142	284,419	412,334	359	57	114,324	646,436
Lorain	62	232,300	463,727	251	15	83,916	684,327
Lucas	172	885,445	1,130,599	1,028	230	351,394	2,123,439
Madison	42	63,150	106,761	115	2	33,520	173,892
Mahoning	236	911,850	1,072,216	1,266	17	453,680	2,139,515
Marion	56	127,590	176,307	193	.....	57,936	293,257
Medina	85	187,825	132,622	226	49	69,240	262,874
Meigs	41	676,500	443,573	843	2	346,164	1,629,455
Mercer	29	53,425	72,931	70	.....	18,432	117,964
Miami	142	738,250	1,193,058	608	108	220,153	1,827,378
Monroe	69	108,700	146,035	111	.....	31,464	204,396
Montgomery	298	2,170,050	2,529,177	1,947	173	712,770	4,425,374
Morgan	71	216,680	120,390	200	20	56,416	214,493
Morrow	97	156,645	157,695	181	.....	40,104	271,391
Muskingum	273	1,244,945	1,454,486	1,684	227	536,895	2,638,115
Noble	12	28,840	25,268	22	.....	6,840	48,276
Ottawa	19	252,000	121,000	234	.....	51,120	195,500
Paulding	13	25,500	13,707	31	.....	7,980	31,171

TABLE No. 2.—RECAPITULATION, BY COUNTIES, 1860.

COUNTIES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
Perry	52	$94, 617	$168, 151	136	.....	$35, 688	$242, 787
Pickaway	109	528, 770	463, 197	354	11	114, 882	706, 364
Pike	13	225, 750	288, 960	155	12	41, 508	380, 200
Portage	132	235, 215	266, 445	378	6	123, 426	508, 058
Preble	64	205, 350	282, 758	179	6	53, 556	393, 458
Putnam	48	96, 940	125, 038	103	2	28, 608	208, 077
Richland	191	451, 450	425, 842	460	32	137, 872	712, 690
Ross	171	700, 245	1, 079, 064	715	59	202, 612	1, 589, 438
Sandusky	62	152, 420	152, 511	193	22	55, 337	314, 020
Scioto	101	1, 375, 205	1, 301, 492	1, 383	13	440, 636	1, 998, 983
Seneca	176	431, 015	525, 026	611	101	185, 466	985, 207
Shelby	27	228, 150	344, 133	138	.....	44, 220	466, 110
Stark	176	1, 098, 806	1, 001, 431	1, 302	65	454, 038	2, 110, 857
Summit	202	858, 137	956, 125	694	226	249, 364	1, 528, 072
Trumbull	152	617, 120	662, 124	857	36	251, 111	1, 143, 068
Tuscarawas	158	447, 625	492, 274	351	11	97, 428	724, 964
Union	68	104, 800	78, 904	134	3	33, 556	144, 630
Van Wert	32	72, 010	183, 244	92	.....	24, 040	241, 247
Vinton	26	637, 700	145, 888	363	.....	124, 260	311, 130
Warren	155	487, 100	893, 559	517	31	177, 336	1, 278, 725
Washington	135	655, 811	656, 848	631	36	206, 202	1, 176, 450
Wayne	137	417, 190	458, 613	472	5	136, 868	758, 753
Williams	66	154, 700	174, 026	134	2	36, 408	251, 812
Wood	80	115, 155	122, 560	203	13	51, 132	224, 910
Wyandott	54	133, 950	277, 484	192	6	65, 604	465, 516
Aggregate	11, 123	57, 295, 303	69, 800, 270	65, 749	9, 853	22, 302, 989	121, 691, 148

TABLE No. 3.—MANUFACTURES, TOTALS OF, 1860

MANUFACTURES.	Number of establishments.	Capital invested	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
Agricultural implements—Miscellaneous	18	$259, 205	$64, 217	285	.....	$65, 280	$254, 211
Fanning mills	5	6, 400	4, 435	10	.....	3, 444	13, 120
Grain cradles, &c	7	66, 600	32, 884	68	.....	22, 752	62, 472
Grain drills	7	57, 700	31, 662	81	.....	34, 008	113, 415
Mowers and reapers	17	422, 600	268, 809	706	.....	279, 436	1, 162, 030
Ploughs, cultivators, &c	75	350, 435	129, 303	424	.....	162, 144	481, 214
Rakes	15	19, 885	7, 545	55	.....	11, 916	33, 150
Straw cutters	1	8, 000	9, 650	15	.....	5, 400	21, 500
Threshers and separators	37	443, 000	245, 340	595	.....	215, 880	679, 514
Alcohol	4	77, 500	331, 500	22	.....	8, 460	359, 960
Ashes, pot and pearl	58	47, 275	71, 188	92	.....	24, 794	143, 408
Awnings	2	2, 000	3, 225	5	12	4, 152	10, 500
Bags	4	10, 100	33, 825	11	6	7, 404	45, 553
Baking powder, &c	2	20, 150	11, 155	3	3	1, 824	25, 750
Bee hives	3	1, 700	3, 750	6	.....	1, 920	8, 775
Bellows, &c	2	4, 000	7, 200	6	.....	2, 640	13, 500
Billiard tables	2	153, 000	158, 571	100	.....	43, 320	318, 000
Blacking	3	3, 500	8, 890	19	10	5, 988	26, 050
Blacksmithing	466	256, 969	169, 394	864	.....	257, 940	657, 133

TABLE No. 3.—MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
Bolts, nuts, and washers	2	$20, 700	$18, 608	62	.....	$17, 856	$52, 000
Bookbinding and blank books	26	77, 780	102, 916	137	65	52, 872	212, 413
Boots and shoes	1, 077	1, 199, 231	1, 484, 658	4, 362	344	1, 365, 444	3, 662, 831
Boxes, packing	9	68, 300	44, 891	60	.....	25, 296	79, 506
Boxes, paper	1	10, 000	8, 000	20	.....	7, 800	20, 000
Brass founding	15	103, 900	133, 396	149	.....	59, 244	269, 855
Bread, crackers, &c	147	170, 510	512, 311	391	3	124, 296	874, 244
Brick	151	235, 090	130, 245	1, 231	2	164, 985	549, 456
Bridges	3	21, 000	58, 340	61	.....	39, 600	136, 500
Britannia ware	2	47, 000	31, 980	43	.....	18, 000	84, 000
Brooms	35	40, 498	83, 146	153	3	40, 776	176, 419
Brushes	12	34, 300	41, 315	104	17	32, 808	94, 030
Burning fluid	1	6, 000	6, 500	2	.....	960	8, 000
Caps	13	47, 800	57, 750	27	38	24, 240	114, 362
Carpentering	47	63, 693	87, 539	237	.....	97, 872	295, 528
Carpenters' tools	4	86, 800	67, 080	157	.....	27, 240	163, 880
Carpets	7	3, 250	6, 161	24	1	6, 108	18, 516
Carriages	247	826, 032	584, 877	1, 907	3	677, 820	1, 720, 528
Carriages, children's	3	13, 000	7, 345	54	.....	19, 560	34, 100
Cars	5	380, 417	121, 990	255	.....	118, 044	398, 800
Car-wheels	1	50, 000	40, 000	20	.....	8, 400	75, 000
Carving	5	3, 500	2, 250	25	.....	10, 992	20, 400
Cement	2	105, 000	30, 300	60	.....	7, 800	42, 500
Cheese boxes	14	7, 900	4, 626	25	.....	7, 500	17, 055
Cheese presses and vats	3	5, 400	3, 350	6	.....	2, 076	10, 100
Chemicals	8	145, 700	103, 447	56	.....	19, 092	186, 140
Churns	1	300	200	1	.....	480	700
Cigars	155	215, 085	265, 984	755	22	230, 136	759, 015
Clocks	1	600	300	1	.....	300	900
Clothing—Ladies' cloaks, mantillas, &c	2	27, 000	41, 225	.....	80	16, 200	74, 000
Men's	448	3, 052, 365	4, 388, 169	6, 356	6, 927	2, 328, 348	8, 771, 068
Shirts, &c	8	34, 700	29, 300	11	111	18, 264	61, 755
Coal, bituminous	69	750, 910	16, 920	1, 678	.....	635, 232	1, 653, 553
Coffee and spices, ground	7	113, 900	457, 148	63	.....	20, 136	571, 170
Coffee roasters	1	600	225	1	.....	336	1, 400
Coffins	9	22, 250	9, 970	30	.....	12, 012	44, 740
Coffins, metallic	1	80, 000	34, 300	60	.....	30, 000	153, 000
Confectionery	44	121, 000	279, 196	144	41	51, 192	431, 936
Cooperage	323	325, 415	341, 049	1, 681	.....	504, 684	1, 072, 551
Bungs	1	4, 000	2, 500	4	.....	1, 440	10, 000
Coopers' tools	4	1, 000	1, 894	12	.....	4, 128	9, 100
Copper-smelting	1	10, 000	252, 500	15	.....	6, 000	266, 500
Copper-smithing	5	33, 650	45, 305	21	.....	9, 840	77, 565
Cordage	22	129, 475	93, 529	214	9	58, 032	200, 103
Cotton batting	1	3, 000	13, 500	3	.....	864	18, 000
Cotton goods	7	262, 000	360, 600	369	468	150, 300	705, 500
Cutlery	6	6, 200	3, 270	19	.....	6, 720	16, 800
Dentistry	12	10, 790	12, 965	21	.....	11, 160	57, 590
Drain tile	11	53, 500	5, 663	58	1	15, 120	54, 200
Dyeing, &c	2	600	1, 425	3	.....	984	4, 700
Edge tools	5	5, 500	4, 978	25	.....	6, 972	23, 410
Envelopes	1	3, 800	1, 000	1	3	1, 200	4, 000
Fancy goods	1	500	100	2	.....	480	600
Fertilizers	1	1, 500	2, 000	4	.....	1, 440	6, 400
Fire-arms	20	16, 725	5, 885	29	.....	11, 304	26, 420
Fire-brick	1	10, 000	1, 825	9	.....	2, 400	7, 200
Fisheries—White fish, &c	6	5, 400	3, 000	21	.....	5, 040	10, 630
Flax dressing	7	15, 600	15, 600	44	.....	12, 780	55, 965
Flour and meal	1, 223	8, 066, 196	21, 114, 742	2, 513	7	812, 028	24, 772, 936
Furnaces, hot-air	2	24, 000	13, 100	20	.....	9, 120	30, 000
Furniture—Cabinet	302	1, 549, 018	749, 296	2, 877	50	1, 033, 752	2, 621, 682
Bedsteads	63	496, 225	132, 705	794	61	242, 796	618, 115
Chairs	4	199, 400	103, 170	332	.....	85, 560	377, 570
Furs	2	11, 000	11, 190	2	9	2, 292	17, 145

TABLE No. 3.—MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
Gas	23	$1, 690, 650	$91, 970	303	.....	$123, 924	$497, 604
Gas fixtures	1	4, 200	2, 720	9	.....	3, 360	12, 000
Gasometers and tanks	2	17, 000	24, 000	37	.....	14, 184	43, 500
Glass, stained	2	8, 000	10, 000	10	.....	5, 040	17, 000
Glassware	4	30, 700	23, 935	133	.....	40, 464	91, 400
Gloves and mittens, buckskin	3	4, 000	2, 500	6	12	4, 812	8, 900
Glue	10	79, 700	41, 345	51	1	15, 864	71, 400
Gold leaf	2	2, 750	9, 600	8	.....	6, 240	18, 000
Grates	2	24, 000	13, 300	50	.....	21, 600	85, 000
Grease, lubricating	2	10, 200	9, 740	7	.....	2, 280	15, 946
Grindstones	10	80, 800	12, 800	125	.....	38, 040	64, 640
Gunpowder	4	172, 000	187, 100	53	.....	27, 000	245, 000
Hair jewelry, &c	1	5, 000	4, 000	.....	5	960	10, 000
Hames	4	8, 000	6, 500	30	.....	7, 632	22, 300
Hardware—Builders'	2	42, 500	111, 330	280	.....	54, 900	228, 000
Miscellaneous	3	7, 100	9, 291	14	.....	5, 172	18, 500
Apple parers	1	2, 000	3, 184	10	.....	4, 800	8, 100
Bedstead fasteners	1	6, 000	1, 440	3	.....	1, 260	7, 040
Files	5	7, 450	3, 335	34	.....	13, 200	24, 946
Planes	3	7, 200	6, 490	14	.....	6, 240	14, 480
Sash fasteners	1	400	624	3	.....	540	1, 250
Squares, bevels, &c	1	2, 000	2, 000	8	.....	3, 456	7, 000
Hats	25	57, 050	49, 207	60	25	23, 680	122, 591
Hosiery	11	10, 900	13, 515	23	13	9, 264	31, 800
Husks, prepared	2	1, 200	2, 630	6	.....	1, 500	6, 200
Ice	1	2, 000	31, 000	4	.....	1, 440	72, 000
Ink, printing	1	1, 000	1, 918	1	.....	360	3, 000
Ink, writing	2	2, 800	3, 800	12	1	3, 456	18, 000
Instruments, dental and surgical	6	16, 300	11, 405	23	.....	10, 692	31, 400
Instruments, mathematical, optical, &c	3	17, 500	4, 000	13	.....	5, 808	16, 000
Iron, bar, sheet, and railroad	13	961, 800	1, 719, 798	1, 326	.....	533, 700	2, 806, 200
Iron blooms	1	800	1, 220	3	.....	300	1, 835
Iron castings	67	1, 125, 400	642, 436	1, 414	.....	525, 492	1, 588, 500
Stoves	39	550, 600	413, 473	840	.....	331, 752	1, 074, 650
Iron ore, mining	2	300	.....	8	.....	1, 800	4, 100
Iron, perforated	1	4, 000	6, 508	5	.....	1, 800	8, 750
Iron, pig	48	3, 654, 000	1, 291, 778	3, 115	4	975, 024	2, 697, 366
Iron railing	11	31, 700	84, 519	127	.....	54, 096	189, 485
Ivory black	1	5, 000	2, 000	6	.....	2, 040	6, 000
Japanned tin ware	1	25, 000	32, 800	75	.....	16, 800	100, 000
Jewelry	11	27, 100	39, 800	44	.....	17, 280	81, 300
Gold pens	2	5, 000	2, 500	8	.....	2, 256	12, 500
Kindling wood	3	1, 400	4, 816	5	.....	1, 680	7, 408
Lamps, locomotive	1	10, 000	3, 800	7	.....	3, 000	6, 625
Lasts	3	9, 500	10, 050	24	.....	8, 520	30, 625
Lead and lead pipe	1	25, 000	50, 000	5	.....	2, 400	90, 000
Leather	516	2, 113, 878	1, 832, 080	1, 589	1	468, 204	3, 058, 097
Morocco	7	11, 600	18, 280	30	2	9, 936	38, 600
Leather belting and hose	3	18, 600	41, 450	16	.....	7, 800	77, 000
Leather, patent and enamelled	1	30, 000	25, 000	25	.....	10, 800	51, 000
Lightning rods	4	17, 600	32, 085	17	.....	6, 852	56, 300
Lime	32	54, 160	72, 880	136	.....	21, 588	191, 598
Liquors, distilled	106	2, 723, 200	4, 270, 466	1, 091	10	379, 320	6, 176, 437
Liquors, malt	149	1, 713, 302	834, 932	720	1	251, 148	1, 936, 552
Liquors, rectified	64	573, 495	2, 517, 638	204	.....	86, 640	3, 051, 210
Wine	4	30, 000	23, 650	10	.....	4, 380	47, 275
Lithography	1	10, 000	12, 500	28	1	9, 780	38, 000
Locksmithing and bell-hanging	10	48, 600	18, 781	56	.....	22, 224	67, 671
Looking-glass and picture frames	8	42, 700	39, 744	100	.....	36, 456	139, 075
Lumber, planed	48	406, 200	577, 534	394	.....	153, 504	910, 268
Lumber, sawed	1, 862	3, 654, 703	2, 459, 541	4, 196	11	1, 180, 502	5, 158, 076
Macaroni and vermicelli	1	1, 500	950	4	.....	1, 200	3, 900
Machinery, cotton and woollen	2	13, 000	3, 570	16	.....	7, 320	11, 480
Machinery, steam-engines, &c	133	2, 936, 800	1, 808, 240	3, 671	.....	1, 358, 436	4, 731, 627

TABLE No. 3.—MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
Malt	14	$153,950	$236,840	57	.....	$22,380	$314,962
Malt kilns	2	2,300	2,400	9	.....	2,340	7,000
Map mounting and coloring	1	200	200	2	.....	816	2,000
Marble and stone work	121	359,035	383,898	955	.....	362,156	1,065,180
Matches	6	32,900	32,543	62	34	20,832	136,400
Medicines, extracts, &c	18	36,460	57,652	47	2	19,704	160,386
Millinery	59	77,600	119,473	7	359	59,748	281,546
Mill furnishing	1	2,000	7,000	6	.....	1,800	15,000
Mills, portable	2	52,000	17,850	33	.....	14,400	56,900
Millstones, burr	4	26,000	18,900	28	.....	10,488	59,000
Mineral water	10	24,150	22,410	50	.....	14,160	68,900
Musical instruments, miscellaneous	15	27,050	19,663	45	.....	17,556	61,350
Nails	7	231,900	269,241	370	.....	118,572	438,385
Oil-cloth	2	8,000	7,100	15	.....	5,364	25,000
Oil, coal	22	268,000	96,196	230	.....	82,716	398,695
Oil, linseed	26	350,300	547,840	146	.....	53,844	759,604
Oil tanks	1	1,500	1,627	3	.....	720	2,410
Ornaments, plaster	5	1,450	2,400	10	.....	3,120	10,400
Painting	6	2,900	2,837	15	.....	5,460	11,673
Paper, printing	20	736,000	657,036	422	187	159,708	1,145,826
Paper, wrapping	8	129,500	72,260	80	25	35,340	222,315
Paper, writing	1	10,000	7,950	10	.....	2,400	14,000
Patterns and models	4	24,800	3,087	31	.....	12,096	30,560
Photographs	22	50,200	16,850	59	13	27,012	90,650
Plaster, ground	1	2,000	3,000	2	.....	600	4,000
Plaster quarrying	2	90,000	6,000	100	.....	24,000	38,000
Plumbing and gas-fitting	18	48,900	73,905	89	.....	36,060	174,560
Pocket-books, &c	1	6,000	5,000	10	.....	4,200	15,000
Pottery ware	130	255,455	74,985	622	32	192,072	410,129
Printing	141	1,224,374	1,046,969	1,464	349	558,372	2,227,264
Printing presses	1	15,000	6,400	25	.....	9,000	23,500
Provisions—Pork, beef, &c	43	1,745,600	4,518,030	484	.....	154,584	5,134,614
Minced meat	1	2,500	11,640	5	.....	1,920	18,000
Pumps	22	22,695	14,147	60	.....	20,460	52,875
Railroad chairs and spikes	1	19,840	75,000	15	.....	7,200	93,000
Regalia	2	8,000	4,500	3	9	2,916	14,000
Roofing, composition	1	2,000	7,545	10	.....	3,600	12,000
Roofing, metallic	5	22,800	65,912	66	.....	23,928	125,000
Saddlery and harness	391	364,012	404,507	1,035	2	294,320	924,737
Saddle-trees	10	15,500	12,819	58	.....	16,824	47,400
Safes, fire-proof	3	91,000	59,160	145	.....	68,640	200,000
Safes, provision	1	500	735	5	.....	1,200	5 000
Sails	2	1,900	4,385	7	.....	3,324	8,200
Salt	28	338,700	139,627	293	.....	91,524	276,871
Sash, doors, and blinds	91	674,225	436,571	753	.....	281,700	970,526
Saws	6	39,800	40,350	46	.....	19,440	87,314
Scales and balances	7	13,300	24,792	35	.....	13,260	65,500
Seal presses	2	14,000	5,500	8	.....	3,360	24,000
Sewing-machines	17	67,600	70,398	173	.....	62,016	262,935
Shingles	44	39,450	37,255	87	.....	20,364	82,377
Ship and boat building	18	182,000	108,953	258	.....	118,560	285,694
Shoemakers' tools	1	1,500	4,500	2	.....	900	8,000
Shoe pegs	2	16,500	3,500	26	4	10,500	27,500
Shovels, &c	1	300	600	1	.....	120	1,400
Show-cases	3	5,100	12,000	14	.....	6,000	24,000
Silk fringes, trimmings, &c	4	11,300	14,300	11	14	5,732	41,200
Silver ware	4	20,000	66,000	33	4	16,728	103,000
Silver-plated ware	4	14,000	4,446	18	.....	7,704	18,300
Soap, candles, and lard oil	62	1,081,570	2,716,993	395	50	141,600	3,828,564
Sorghum sirup	2	2,100	1,020	2	.....	312	1,620
Spokes, hubs, and felloes	20	227,200	97,710	289	.....	105,540	351,632
Starch	4	168,000	59,330	90	.....	24,480	117,000
Stationery—Lead-pencils	1	100	500	1	.....	600	3,000
Staves, heading, &c	5	14,000	24,685	33	.....	8,520	39,430

TABLE No. 3.—MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
Stencils and brands	2	$1,600	$940	4	.....	$1,320	$3,875
Stonecutters' tools	1	200	100	1	.....	360	850
Stone quarrying	16	49,025	6,434	127	1	37,368	63,600
Sugar evaporators	2	11,000	11,060	27	.....	9,456	31,000
Sugar, refined	3	162,600	323,600	83	.....	30,900	429,390
Tags	1	3,500	4,500	2	15	2,664	10,000
Terra cotta ware	2	11,750	2,345	16	.....	5,760	18,000
Tin, copper, and sheet-iron ware	338	582,700	630,862	973	.....	313,600	1,464,343
Tinners' tools and machines	1	1,000	1,188	5	.....	2,100	3,500
Tobacco, manufactured	10	93,700	76,966	186	53	51,976	177,700
Trunks, valises, and carpet-bags	14	70,200	91,097	240	.....	67,608	260,370
Turning, scroll sawing, and moulding	22	78,900	97,574	274	.....	80,172	278,610
Type and stereotype founding	3	99,000	61,500	162	20	75,408	210,000
Umbrellas	4	11,400	13,814	11	5	5,124	37,850
Upholstery	19	75,000	120,753	99	63	43,464	249,688
Varnish	3	200,000	193,300	20	.....	12,600	379,000
Venetian blinds	6	3,700	11,775	20	6	7,308	22,700
Veneers, mahogany	1	1,000	800	2	2	1,560	10,000
Vinegar	29	41,450	62,202	40	.....	12,516	151,717
Wagons, carts, &c	316	298,830	155,887	802	.....	262,212	571,649
Washing machines	2	1,200	1,000	3	.....	900	2,100
Watch lathes	1	700	40	5	.....	1,800	3,250
Whips	1	300	220	1	.....	480	700
White lead	6	139,500	281,582	120	.....	44,532	373,700
Wigs and hair work	1	2,000	6,000	2	.....	960	15,000
Willow ware	12	16,100	7,184	29	6	9,792	34,475
Wire	1	17,000	30,190	15	.....	6,240	39,000
Wire-work	4	26,050	19,170	90	.....	13,620	62,100
Wooden screws	1	500	150	2	.....	720	1,000
Wooden ware	14	206,100	246,732	417	.....	139,104	588,929
Wood-work, miscellaneous—Ladders	1	2,000	7,500	4	.....	1,680	12,500
Wool carding	48	124,510	170,655	105	23	33,972	225,856
Woollen goods	115	658,750	476,833	543	185	179,160	825,231
Wool pulling	4	24,000	48,535	21	7	5,988	62,767
Aggregate	11,123	57,295,303	69,800,270	65,749	9,853	22,302,989	121,691,148