TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY GEORGIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
47	Lumber and other mill products from logs or bolts.	434	$4,884,568	$3,888,078	$1,230,001	$101,248	$2,256,829	$996,490	$202,800	5,917	$1,572,284
48	Lumber planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	82	1,677,880	879,810	213,195	193,399	473,216	798,070	126,193	2,317	998,302
49	Marble and stone work. (See also Monuments and tombstones.)	14	343,750	196,827	27,100	21,100	148,627	146,923	20,252	217	121,002
50	Masonry, brick and stone. (See also Plastering and stuccowork.)	34	191,242	19,675	3,250	6,100	10,325	171,567	9,931	732	249,197
51	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	18	189,900	62,160	16,950	17,400	27,810	127,740	19,359	211	76,283
52	Millinery, custom work	43	108,345	5,500	1,000	1,000	3,500	102,845	20,530	197	80,949
53	Mineral and soda waters. (See also Bottling.)	14	56,135	43,552	4,834	4,000	34,718	12,583	4,480	78	25,742
54	Monuments and tombstones. (See also Marble and stone work.)	11	26,660	1,660	.....	.....	1,660	25,000	3,778	50	33,276
55	Musical instruments and materials, not specified.	5	6,300	3,100	500	600	2,000	3,200	1,399	18	9,962
56	Oil, cottonseed and cake	17	992,131	812,300	92,000	253,200	467,100	179,831	86,843	800	186,685
57	Painting and paper hanging	69	96,112	31,355	11,200	9,000	11,155	64,757	9,235	371	179,431
58	Paints. (See also Chemicals.)	3	49,650	22,700	3,500	7,000	12,200	26,950	2,541	43	15,152
59	Paper	3	117,400	86,000	16,000	25,000	45,000	31,400	5,025	74	20,540
60	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	14	254,386	53,855	9,600	23,200	21,055	200,531	331,786	131	61,095
61	Paving and paving materials	5	67,328	49,328	38,598	3,630	7,100	18,000	6,700	422	176,230
62	Photography	37	33,317	15,650	.....	.....	15,650	17,667	9,639	70	35,764
63	Plastering and stuccowork. (See also Masonry, brick and stone.)	9	6,400	1,010	150	350	510	5,390	930	48	18,424
64	Plumbing and gas fitting	30	153,098	33,238	7,000	11,000	15,238	119,860	10,917	278	151,292
65	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	34	481,329	317,700	25,700	38,700	253,300	163,629	36,529	515	252,837
66	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	204	1,286,729	1,003,100	144,670	170,025	688,405	283,629	300,163	1,415	769,724
67	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet iron working.)	17	40,390	8,910	.....	.....	8,910	31,480	6,014	134	63,134
68	Saddlery and harness	43	172,696	31,807	8,450	8,300	15,057	140,889	21,303	267	113,398
69	Shipbuilding	4	156,100	133,100	5,500	8,100	119,500	23,000	9,384	118	61,134
70	Shirts. (See also Furnishing goods, men's.)	3	3,200	900	.....	.....	900	2,300	429	26	7,524
71	Tar and turpentine	228	2,242,592	1,454,422	903,283	.....	551,139	788,170	108,003	9,911	2,012,396
72	Timber products, not manufactured at mill.	15	135,067	123,035	89,625	.....	33,410	12,032	25,479	348	115,001
73	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	37	282,770	213,695	69,200	78,500	65,995	69,075	15,538	368	178,370
74	Tobacco, chewing, smoking, and snuff	6	13,507	4,200	200	1,600	2,400	9,307	3,302	43	3,200
75	Tobacco, cigars and cigarettes	17	45,336	2,860	600	500	1,760	42,476	12,038	78	40,745
76	Trunks and valises	6	88,600	18,775	25	300	18,450	69,825	11,629	208	71,580
77	Umbrellas and canes	4	350	265	.....	.....	265	85	285	5	1,676
78	Vinegar and cider	9	49,025	25,650	11,350	4,050	10,250	23,375	1,972	52	14,658
79	Watch, clock, and jewelry repairing. (See also Jewelry.)	50	64,050	22,235	1,600	2,150	18,485	41,815	10,385	91	59,377
80	Woodenware, not elsewhere specified	3	17,015	13,325	2,000	800	10,525	3,690	1,489	18	6,516
81	Woolen goods. (See also Hosiery and knit goods.)	14	298,539	208,440	19,222	94,525	94,693	90,099	10,887	179	32,401
82	All other industries (a)	64	1,799,419	1,198,480	254,050	460,500	483,930	600,939	150,149	1,221	502,069

a Embraces awnings, tents, and sails, 1; bagging, flax, hemp, and jute, 1; bags, paper, 2; baking and yeast powders, 1; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 1; boot and shoe uppers, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; bridges, 1; chemicals, 2; coffee and spice, roasting and grinding, 2; coke, 1; cordage and twine, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 2; food preparations, 1; furnishing goods, men's, 1; glass, 2; hairwork, 2; hardware, 1; hats and caps, not including wool hats, 2; jewelry, 1; lithographing and engraving, 1;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
316	$150,103	1	$1,300	5,374	$1,338,025	29	$4,000	98	$7,648	94	$20,758	2	$250	3	$200	$3,263,027	$6,206,625	47
157	145,012	3	2,000	2,083	842,157	1	156	59	8,547	14	430					1,907,370	3,548,972	48
24	24,980			185	94,966			8	1,056							132,936	375,520	49
27	26,990			691	220,431			4	376	10	1,400					411,689	750,338	50
23	16,924			103	40,012	31	8,324	10	1,300	37	8,370	7	1,353			242,081	422,824	51
11	7,290	35	14,751	7	2,456	141	56,252	1	100			2	100			153,522	318,318	52
16	9,578	1	624	50	15,238			2	302							27,236	103,231	53
9	7,086			51	26,190											40,615	99,800	54
7	5,500			9	3,504			1	178	1	780					2,662	15,675	55
49	41,128			737	144,123	12	1,194	2	240							1,289,421	1,670,196	56
59	39,117			274	131,293			5	660	33	8,355					172,370	430,220	57
7	8,424			35	6,528	1	200									36,737	62,000	58
4	3,740			52	14,040	18	2,760									45,695	93,874	59
34	32,327	1	480	63	23,992	27	4,576	6	320							180,147	837,495	60
5	4,570			373	134,160			12	1,500	32	36,000					184,497	513,648	61
30	17,760	1	260	37	17,380	1	200			1	104					31,566	94,205	62
6	2,144			29	11,450					13	4,839					15,303	41,332	63
34	28,057			235	121,113			9	2,122							296,319	580,812	64
78	60,816	8	2,956	317	159,448	85	23,334	22	3,858	5	2,425					222,814	628,805	65
228	178,299	23	12,202	880	491,897	72	20,901	81	7,399	118	56,486	13	2,540			537,271	2,078,024	66
9	5,994			125	57,140											81,678	180,960	67
38	22,079			206	85,382			17	2,257	6	3,680					161,179	378,976	68
6	6,080			112	55,054											45,716	126,300	69
4	1,852					22	5,672									6,144	17,630	70
22	14,210			9,563	1,955,577					270	37,924	40	3,985	16	700	1,001,686	4,242,255	71
5	2,665			125	36,761					218	75,575					41,222	239,100	72
50	41,324			314	136,505			3	416	1	125					233,572	528,814	73
3	990			12	1,317	15	490	10	353	3	50					4,363	13,938	74
9	5,968	1	900	36	17,842	1	172	7	752	18	13,311	6	1,800			42,502	110,149	75
9	7,462			74	26,418					100	31,200			25	6,500	97,435	211,950	76
3	1,220	1	300	1	156											1,183	3,975	77
20	6,773			32	7,885											37,202	83,640	78
29	18,874			57	38,854	1	208			4	1,441					29,797	121,971	79
3	976			12	5,040			3	500							14,855	27,350	80
17	9,367			64	12,896	55	6,183	25	1,570			16	2,260	2	125	95,999	173,245	81
144	118,271	6	2,560	690	297,271	185	36,129	99	9,859	54	28,951	33	7,928	10	1,100	1,911,906	3,158,325	82

matches, 1; millinery and lace goods, 2; models and patterns, 1; musical instruments, pianos and materials, 2; oil, resin, 1; perfumery and cosmetics, 2; rice, cleaning and polishing, 3; sausage, 1; saws, 1; scales and balances, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 2; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; upholstery materials, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

GEORGIA—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Calhoun, Chattahoochee, Clay, Glascock, Miller, and Webster.]

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
1	The State	4,285	$56,921,580	$36,137,965	$8,034,507	$9,072,266	$19,031,192	$20,783,615	$4,019,539	56,383	$17,312,196
2	Appling	23	297,145	246,287	152,885	7,940	85,462	50,858	23,658	531	120,035
3	Baldwin	37	147,716	94,645	16,250	30,100	48,295	53,071	7,005	235	74,527
4	Bartow	64	402,184	274,918	84,988	62,130	127,800	127,266	13,179	391	92,346
5	Berrien	19	98,844	78,386	41,111	3,870	33,405	20,458	4,328	324	62,393
6	Bibb	217	4,082,551	2,421,524	488,650	579,420	1,353,454	1,661,027	222,344	3,561	1,289,483
7	Bryan	8	63,745	41,775	22,900	.....	18,875	21,970	3,711	287	66,347
8	Bulloch	22	348,041	289,880	112,120	2,330	166,430	67,161	18,464	876	165,065
9	Burke	9	50,205	43,120	2,875	14,320	25,925	7,085	3,278	71	12,356
10	Butts	24	68,505	41,110	4,485	14,075	22,550	27,335	2,882	89	16,814
11	Camden	10	329,140	243,060	102,010	34,200	106,850	86,080	17,372	371	96,232
12	Campbell	32	45,775	43,620	5,810	11,550	26,260	2,155	1,876	101	9,474
13	Carroll	85	238,328	159,328	42,340	36,453	80,535	79,000	14,120	400	69,504
14	Catoosa	12	118,802	117,355	77,245	23,685	16,425	1,447	540	71	22,618
15	Charlton	10	181,385	167,385	102,710	1,175	63,500	14,000	23,882	388	107,945
16	Chatham	244	5,379,774	3,279,603	844,448	1,040,268	1,394,887	2,100,171	484,497	2,760	1,362,120
17	Chattooga	18	949,485	674,850	52,800	138,305	483,745	274,635	35,524	519	84,003
18	Cherokee	24	46,680	29,365	9,200	5,095	15,070	17,315	15,990	103	12,007
19	Clarke	93	1,122,015	628,990	103,945	159,575	365,470	493,025	61,515	1,226	328,980
20	Clayton	12	25,552	18,905	2,380	8,015	8,510	6,147	734	44	7,236
21	Clinch	19	331,637	242,437	80,260	15,025	147,152	89,200	14,104	773	172,896
22	Cobb	60	893,070	573,531	76,088	146,441	351,002	319,539	73,743	708	178,744
23	Coffee	25	379,930	275,048	121,438	5,420	148,190	104,882	16,815	1,061	244,439
24	Colquitt	8	46,270	30,570	17,570	550	12,450	15,700	3,150	271	48,785
25	Columbia	6	12,750	7,760	485	2,625	4,650	4,990	658	16	5,237
26	Coweta	66	533,022	263,205	34,145	66,150	162,910	269,817	28,354	497	120,798
27	Crawford	22	47,254	45,695	18,570	3,725	23,400	1,559	1,302	158	31,480
28	Dade	8	356,345	321,500	20,250	30,000	271,250	34,845	48,342	124	50,624
29	Dawson	8	16,135	11,825	6,650	1,850	3,325	4,310	1,077	12	3,372
30	Decatur	8	48,645	27,445	14,670	75	12,700	21,200	2,015	119	29,320
31	Dekalb	67	582,323	444,219	104,038	195,685	144,496	138,104	39,915	595	202,093
32	Dodge	21	918,436	605,181	120,969	82,100	402,112	313,255	47,370	1,284	363,921
33	Dooly	32	375,964	270,605	98,205	43,400	128,400	105,959	6,770	565	157,712
34	Dougherty	81	545,627	274,627	36,930	56,100	181,597	271,000	38,938	621	168,008
35	Douglas	36	55,908	47,225	9,240	10,300	27,685	8,683	7,482	91	15,802
36	Echols	4	58,300	53,500	15,600	6,400	31,500	4,800	3,990	201	43,720
37	Effingham	5	16,995	8,025	3,250	.....	4,775	8,970	411	109	26,700
38	Elbert	28	205,237	104,352	19,832	24,380	60,140	100,885	8,514	152	27,202
39	Emanuel	21	423,257	330,787	107,142	17,935	205,710	92,470	16,819	649	155,170
40	Fannin	38	33,550	27,510	8,860	4,485	14,165	6,040	11,252	58	6,770
41	Fayette	25	31,364	28,115	6,055	4,345	17,715	3,249	986	90	14,514
42	Floyd	94	1,038,472	638,780	117,415	183,311	338,054	399,692	53,365	1,006	338,030
43	Forsyth	21	25,566	22,775	2,155	3,505	17,115	2,791	821	35	6,504
44	Franklin	20	36,482	27,200	6,430	3,825	16,945	9,282	1,770	74	18,945
45	Fulton	456	11,472,188	6,389,187	1,778,507	1,711,301	2,899,379	5,083,001	1,165,443	9,682	4,145,822
46	Gilmer	5	12,655	9,855	5,105	1,250	3,500	2,800	3,074	15	3,265
47	Glynn	19	577,550	429,650	96,500	76,800	256,350	147,900	19,149	502	184,500
48	Gordon	19	65,919	40,040	10,100	12,515	17,425	25,879	5,705	61	12,143
49	Greene	17	50,700	33,200	6,050	4,700	22,450	17,500	1,756	67	9,643
50	Gwinnett	77	172,077	100,130	13,965	21,940	64,225	71,947	21,785	403	72,051
51	Habersham	42	300,124	210,284	23,347	79,315	107,622	89,840	10,383	256	55,909
52	Hall	23	288,688	100,477	11,950	24,287	64,240	188,211	10,878	257	78,058
53	Hancock	19	103,685	84,800	12,910	27,890	44,090	18,885	5,180	123	28,265
54	Haralson	39	265,515	220,110	22,725	28,645	168,740	45,405	6,455	369	89,679
55	Harris	18	16,925	14,860	1,865	2,995	10,000	2,065	1,230	43	4,428
56	Hart	15	50,075	33,750	5,600	9,550	18,600	16,325	1,360	61	10,160
57	Heard	6	9,565	8,165	650	1,815	5,700	1,400	311	13	2,570
58	Henry	21	87,785	41,615	5,135	11,295	25,185	46,170	5,393	96	18,819
59	Houston	17	150,197	99,611	19,480	23,250	56,875	50,586	8,718	125	32,174
60	Irwin	11	117,130	91,580	59,250	1,500	30,830	25,550	2,850	285	68,277
61	Jackson	37	46,205	40,875	5,640	10,195	25,040	5,330	1,864	100	10,429
62	Jasper	36	58,451	47,885	13,780	9,715	24,390	10,566	2,718	125	14,737
63	Jefferson	8	29,475	15,275	2,925	3,300	9,050	14,200	2,300	42	9,562
64	Johnson	5	52,375	37,375	12,550	3,000	21,825	15,000	2,250	83	19,568
65	Jones	8	18,563	15,908	1,533	4,015	10,360	2,655	485	16	2,770
66	Laurens	17	152,107	111,782	51,967	4,750	55,065	40,325	8,802	563	109,700

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Calhoun, Chattahoochee, Clay, Glascock, Miller, and Webster.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3,790	$2,569,166	295	$119,034	40,903	$12,335,399	4,831	$1,066,618	3,177	$315,547	1,876	$640,892	1,167	$232,188	344	$33,352	$35,774,480	$68,917,020	1
8	3,740			515	124,745					2	60	4	390	2	100	193,739	479,798	2
36	21,198	4	883	168	46,657	3	712	4	312	18	4,500	2	265			75,423	220,848	3
44	18,985			311	68,147	2	260	21	2,869	11	2,070	1	10	1	5	346,058	523,266	4
5	2,218			309	58,309			2	66	7	1,700	1	100			78,532	203,819	5
238	179,881	28	9,980	2,536	965,871	392	84,536	210	18,154	53	16,886	79	12,050	25	2,125	2,743,490	5,337,985	6
1	263			279	65,104							7	980			34,785	134,000	7
9	5,800			844	157,483	1	42			10	1,500	12	835			143,568	383,612	8
7	3,162			63	9,144	1	50									42,494	64,291	9
15	4,297			65	11,047			7	870	2	600					33,061	67,429	10
6	7,700			347	83,552	2	180	5	200	10	4,500	1	100			196,124	439,845	11
10	2,096			89	7,180			2	198							28,528	48,087	12
63	17,434			234	40,552	53	7,925	44	3,297	6	356					172,366	311,314	13
10	6,953			60	15,615			1	50							35,685	75,859	14
3	860			301	67,185					84	39,900					61,992	246,830	15
319	291,672	22	11,100	2,099	968,812	83	22,397	31	4,187	197	62,652	9	1,300			3,297,804	6,319,066	16
23	17,288	1	300	163	34,265	111	13,170	137	6,930	2	350	82	12,300			292,520	419,048	17
10	2,697			57	7,834	17	802	13	324	6	350					27,010	62,351	18
90	55,091	6	1,844	668	208,048	246	41,764	148	13,573	44	6,243	24	2,414			640,819	1,230,017	19
4	350			38	6,836			2	50							30,029	44,712	20
12	5,520			678	157,676					77	9,400			6	300	201,602	483,190	21
66	37,260	2	1,128	392	112,652	100	16,639	101	6,497	2	614	25	2,880	20	1,074	501,178	834,549	22
12	3,742			1,032	239,357			1	180	2	300	6	560	8	300	146,600	546,554	23
1	200			269	48,485							1	100			27,031	113,575	24
4	2,368			12	2,869											3,510	10,640	25
48	24,591			346	83,529	60	9,850	32	1,598	6	780	2	250	3	200	343,795	607,658	26
15	5,574			138	25,441	2	400	3	65							34,390	83,270	27
10	9,998			114	40,626											326,337	402,571	28
3	1,274			8	2,050			1	48							11,253	17,810	29
6	4,000			108	24,970			2	250	3	100					16,600	66,525	30
61	50,050			497	124,033	6	774	11	1,236	20	26,000					666,007	1,081,766	31
30	24,142			1,247	337,679					6	2,000	1	100			588,170	1,197,625	32
23	13,883			528	139,345			3	284	11	4,200					375,129	701,735	33
53	32,151	8	4,447	484	119,679	22	4,456	8	1,030	12	1,625	34	5,220			495,124	820,922	34
26	7,448			60	7,504			1	100	1	150	3	600			45,348	84,604	35
2	960			181	39,520	15	2,818	3	422							71,373	168,350	36
3	1,120			106	25,040											12,455	55,350	37
17	6,038			115	19,383	4	720	13	936	3	125					163,794	228,964	38
10	5,516	1	1,300	576	137,176			4	500	58	10,678					232,897	513,780	39
8	1,321			49	5,333	1	116									34,323	60,579	40
10	3,426			80	11,088											32,129	80,274	41
97	68,378	1	260	742	244,440	58	9,678	65	8,698	40	6,440	3	145			689,346	1,282,582	42
11	2,937			24	3,577											30,316	44,892	43
14	6,132			59	12,738			1	75							44,701	80,117	44
769	661,762	43	19,580	6,851	2,950,193	805	189,668	461	58,169	449	196,557	219	57,093	85	12,800	6,742,868	14,534,847	45
3	1,000			12	2,265											5,363	14,460	46
25	21,405			442	159,456	10	1,250	25	2,449							387,597	658,009	47
5	3,502			53	8,509			3	132							115,541	156,646	48
7	1,794			59	7,764					1	85					41,623	70,015	49
58	15,626			240	59,004	14	1,590	8	306	3	625	30	2,000	50	2,500	181,444	334,249	50
29	15,934			138	30,275	46	6,347	41	3,138	2	275					119,601	246,576	51
43	15,081	1	180	182	59,677	6	1,110	23	1,610	2	400					184,539	301,079	52
17	6,081			57	13,184	36	7,000	13	2,000							80,649	115,540	53
39	21,456			318	66,723			12	1,500							138,704	285,329	54
4	280			38	3,908	1	240									12,211	23,795	55
5	1,280			40	7,380	9	900	6	500	1	100					44,139	63,037	56
1	90			12	2,460											6,623	14,665	57
14	5,615			81	13,152			1	52							57,627	121,895	58
14	8,540			70	18,766	21	3,484	17	834	3	500					65,183	125,036	59
5	2,600			276	65,552					4	125					67,256	189,324	60
11	4,379			85	12,002			4	48							47,069	79,237	61
11	3,174			110	11,338	2	100	2	125							45,120	76,353	62
				42	9,562											20,312	39,246	63
4	3,180			78	16,318			1	70							12,220	43,915	64
1	500			15	2,270											21,161	26,530	65
10	5,460			551	104,036			1	104			1	100			85,594	274,576	66

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

GEORGIA—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES. Aggregates. Average number.	Total wages.
67	Lee	7	$16,445	$14,650	$3,975	$1,725	$8,950	$1,795	$678	47	$10,208
68	Liberty	20	104,662	86,457	39,362	11,420	35,675	18,205	3,826	462	94,526
69	Lincoln	6	18,885	17,935	3,035	6,400	8,500	950	587	13	2,822
70	Lowndes	22	231,200	181,565	41,265	18,525	121,775	49,635	7,406	301	101,917
71	Lumpkin	10	24,638	21,593	4,525	7,350	9,718	3,045	1,951	18	4,446
72	McDuffie	6	16,350	11,850	2,400	6,200	3,250	4,500	1,908	14	4,550
73	McIntosh	9	148,424	112,744	47,194	29,500	45,050	35,680	9,502	231	66,079
74	Macon	21	41,830	29,505	3,150	4,340	22,015	12,325	1,710	120	17,123
75	Madison	27	37,281	35,556	7,256	8,260	20,040	1,725	1,428	48	8,374
76	Meriwether	16	39,546	36,220	3,240	15,600	17,380	3,326	638	37	7,862
77	Milton	23	27,455	25,070	1,900	6,655	16,515	2,385	717	50	5,156
78	Mitchell	5	35,570	21,875	2,050	4,500	15,325	13,695	834	37	9,464
79	Monroe	15	147,948	101,174	5,345	30,950	64,879	46,774	4,815	134	29,017
80	Montgomery	27	314,266	250,442	146,912	5,180	98,350	63,824	10,688	820	175,374
81	Morgan	42	195,347	117,318	12,406	23,942	80,880	78,029	36,024	236	47,808
82	Murray	9	11,319	10,394	520	2,695	7,179	925	240	29	2,988
83	Muscogee	93	5,793,068	3,662,635	734,087	1,026,108	1,902,440	2,130,433	327,674	3,859	1,188,861
84	Newton	28	143,492	108,470	21,690	39,275	47,505	35,022	38,570	162	27,211
85	Oconee	13	20,395	16,955	1,565	3,990	11,400	3,440	370	37	6,287
86	Oglethorpe	32	218,511	107,845	29,105	21,750	65,990	110,666	12,276	184	39,641
87	Paulding	11	14,043	11,758	2,773	1,125	7,860	2,285	655	80	8,659
88	Pickens	31	54,750	27,162	4,280	6,000	16,882	27,588	7,465	111	28,742
89	Pierce	16	74,891	51,590	19,565	1,955	30,070	23,301	3,563	400	90,261
90	Pike	9	294,965	150,483	18,300	50,314	81,869	144,482	9,728	152	65,175
91	Polk	46	542,997	395,610	60,980	66,520	268,110	147,387	40,974	442	93,422
92	Pulaski	10	75,835	50,745	11,785	9,900	29,060	25,090	3,637	97	28,501
93	Putnam	29	46,836	42,815	6,735	14,500	21,580	4,021	2,105	68	12,630
94	Quitman	8	11,480	7,320	1,500	750	5,070	4,160	1,075	43	8,532
95	Rabun	4	2,479	2,285	525	575	1,185	194	81	7	850
96	Randolph	3	10,510	9,425	200	675	8,550	1,085	900	16	4,765
97	Richmond	458	7,983,613	5,407,891	596,870	1,804,688	3,006,333	2,575,722	534,542	6,485	2,103,003
98	Rockdale	30	110,338	63,894	9,592	17,120	37,182	46,444	4,282	228	78,216
99	Schley	4	4,450	4,150	550	1,925	1,675	300	250	7	1,410
100	Screven	5	71,970	47,260	10,510	11,950	24,800	24,710	2,467	47	15,590
101	Spalding	55	620,636	384,105	37,475	93,524	253,106	246,531	31,188	667	170,878
102	Stewart	9	15,210	14,850	4,900	3,600	6,350	360	1,042	21	4,880
103	Sumter	17	407,900	162,810	11,200	39,740	111,870	245,090	47,659	220	72,437
104	Talbot	12	19,065	14,513	2,820	4,113	7,580	4,552	965	27	6,113
105	Taliaferro	6	10,333	7,025	250	3,000	3,775	3,308	469	17	2,701
106	Tattnall	21	137,512	106,451	64,986	3,450	38,015	31,061	6,477	500	124,376
107	Taylor	9	74,103	52,738	15,423	10,965	26,350	21,365	5,351	53	9,837
108	Telfair	7	37,605	26,765	4,605	650	21,510	10,930	1,856	254	56,030
109	Terrell	15	55,444	37,285	3,035	9,375	24,875	18,159	3,307	173	41,973
110	Thomas	40	96,555	67,145	14,630	6,555	45,960	29,410	8,864	413	102,106
111	Towns	5	4,260	3,800	700	440	2,660	400	224	8	1,110
112	Troup	30	1,085,116	712,017	92,500	201,200	418,317	373,099	35,872	682	118,680
113	Twiggs	6	14,405	13,620	1,770	2,500	9,350	785	451	20	4,662
114	Union	7	8,600	8,550	2,000	3,075	3,475	50	117	10	2,228
115	Upson	16	176,938	122,020	14,045	27,425	80,550	54,918	3,472	134	23,442
116	Walker	28	141,762	116,438	24,500	26,283	65,655	25,324	2,527	127	22,371
117	Walton	67	537,490	255,286	18,105	108,038	129,143	282,204	57,010	352	76,811
118	Ware	16	114,512	86,155	42,035	3,560	40,560	28,357	5,252	561	120,476
119	Warren	8	11,459	10,650	1,725	4,000	4,925	809	452	20	2,750
120	Washington	22	77,186	54,745	3,900	7,835	43,010	22,441	5,384	101	32,596
121	Wayne	6	82,175	56,450	43,900	450	12,100	25,725	10,720	158	30,610
122	White	11	18,464	15,180	5,005	2,595	7,580	3,284	923	24	5,847
123	Whitfield	101	481,695	283,347	33,000	72,775	177,572	198,348	25,707	630	100,540
124	Wilcox	11	95,630	52,910	28,585	1,300	23,025	42,720	4,669	422	90,550
125	Wilkes	12	49,113	36,300	5,225	4,850	26,225	12,813	2,869	64	14,045
126	Wilkinson	20	38,011	30,910	7,475	6,100	17,335	7,101	1,728	75	12,424
127	Worth	25	497,462	411,172	226,437	14,935	169,809	86,290	10,233	500	134,302
128	All other counties (a)	7	11,255	9,250	1,100	2,500	5,650	2,005	1,281	14	3,449

a Includes establishments distributed as follows: Baker, 2; Banks, 1; Brooks, 2; Early, 1; Marion, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$818			44	$6,340			1	$50							$20,924	$33,565	67
7	2,370			452	91,788					3	$368					57,382	202,789	68
3	1,050			9	1,700			1	72							15,709	20,475	69
18	13,340			276	72,632	1	$120	2	78	83	15,027	6	$720			123,454	305,272	70
4	1,518			14	2,928											19,345	28,992	71
3	1,824			11	2,735											24,509	31,975	72
4	3,324			223	61,780					4	975					89,732	184,109	73
15	5,926			102	11,117			3	80							32,916	63,192	74
13	3,810			35	4,564											38,265	53,104	75
12	3,970			25	3,892											15,143	25,588	76
5	1,144			41	3,812			4	200							29,994	43,362	77
1	624			36	8,840											43,243	63,500	78
16	5,611			93	19,158	10	1,997	14	1,651	1	600					135,943	173,089	79
15	10,686			752	160,013	1	100	2	175	49	4,365	1	35			138,616	409,078	80
22	14,465			209	32,883	1	20	3	240	1	200					99,972	213,305	81
5	1,232			23	1,732			1	24							5,608	11,014	82
175	165,957	19	$9,084	1,700	582,737	923	248,991	582	55,159	72	57,129	284	65,528	44	$4,276	3,083,770	5,346,952	83
14	5,487			114	16,921	18	2,565	16	2,238							76,582	168,238	84
8	2,880			28	3,177					1	230					13,118	23,418	85
21	6,291			163	33,350											170,985	254,172	86
8	2,037			41	5,522			1	100			10	500	20	500	17,303	34,640	87
15	6,323			77	19,960	7	1,184	9	1,000	3	275					35,856	91,433	88
8	2,857			384	86,154					8	1,250					40,994	195,243	89
10	8,130			103	41,315	12	2,754	27	2,976							182,477	287,363	90
36	21,600			398	70,947			8	875							228,284	409,089	91
9	5,090			75	20,771	3	1,020	4	900	6	720					73,417	121,211	92
11	4,564			56	7,866					1	200					36,718	67,423	93
2	675			41	7,857											17,072	31,282	94
2	450			3	350			2	50							4,561	6,277	95
1	416			13	4,225			2	144							5,460	12,400	96
444	327,804	156	58,110	3,381	1,174,673	1,340	309,178	543	65,040	295	105,819	266	56,712	60	5,672	5,504,269	9,379,974	97
16	7,304			192	59,572	4	1,000	4	340	12	10,000					99,676	305,283	98
				5	1,210			2	200							4,145	9,000	99
				41	12,395			1	40							60,347	86,410	100
5	3,155			342	107,176	116	23,421	95	8,614	52	8,678	26	2,826			311,742	652,879	101
36	20,163																	
7	2,794			11	1,935	1	40	2	120							20,124	29,750	102
19	11,160			200	61,067	1	210									173,738	378,665	103
3	1,716			22	4,367			2	30							18,753	27,062	104
3	825			12	1,780			2	96							6,288	12,657	105
3	1,200			521	110,670					36	12,500					64,226	273,331	106
7	2,535			25	5,690	10	1,040	11	572							65,550	88,253	107
				250	54,630	1	200			3	1,200					29,754	107,870	108
14	6,927			145	36,050			11	1,575	3	420					113,846	179,813	109
27	12,598			376	88,882			2	126	8	500					124,466	297,454	110
5	820			3	290											5,590	7,975	111
35	20,586			322	66,057	121	17,986	203	14,010	1	50					543,369	903,814	112
1	312			19	4,350											14,105	27,925	113
4	1,212			6	1,016											17,557	22,231	114
8	3,154			55	11,738	25	3,000	26	2,050					20	3,500	88,175	133,467	115
17	5,712			107	16,155	2	104			1	400					37,794	77,814	116
43	20,769			200	37,200	54	11,016	55	7,826							380,371	643,439	117
3	1,700			555	126,660					3	1,115					75,672	266,350	118
3	1,000			17	1,750											11,050	15,411	119
12	5,200			88	27,196	1	200									154,100	229,972	120
3	1,712			105	22,907					50	12,000					27,393	105,436	121
14	3,517			8	1,930					2	400					19,200	28,713	122
44	30,181	2	738	464	142,801	49	11,470	39	4,450	5	825	27	6,075			621,399	1,047,151	123
9	2,700			410	87,490			3	360							52,190	194,340	124
1	340			63	13,705					7	2,000					44,729	73,460	125
8	2,825			60	7,599					3	900					26,717	49,655	126
10	4,880	1	100	546	128,422											111,383	366,612	127
3	1,450			10	1,975	1	24									19,635	27,825	128

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IDAHO.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
1	All industries	140	$1,048,916	$616,560	$80,560	$146,108	$389,892	$432,356	$69,586	774	$324,202
2	Blacksmithing and wheelwrighting	17	33,781	18,820	7,610	6,800	4,410	14,961	1,271	39	10,078
3	Brick and tile	5	11,405	3,850	700	1,600	1,550	7,555	1,102	38	4,710
4	Cheese, butter, and condensed milk, factory product.	4	25,175	12,675	4,450	6,875	1,350	12,500	1,314	16	2,800
5	Flouring and grist mill products	13	228,405	170,910	15,410	55,668	99,832	57,495	8,270	63	31,333
6	Liquors, malt	5	16,030	12,450	2,400	6,250	3,800	3,580	3,294	15	4,434
7	Lumber and other mill products from logs or bolts. (See also Lumber, planing mill products, including sash, doors, and blinds.)	41	419,880	241,775	29,810	32,515	179,450	178,105	17,858	372	125,220
8	Mineral and soda waters	3	6,285	4,270	20	150	4,100	2,015	240	4	1,236
9	Printing and publishing, newspapers and periodicals.	29	144,990	85,010	7,510	15,950	61,550	59,980	21,011	117	80,027
10	Saddlery and harness	5	26,755	11,950	4,500	6,200	1,250	14,805	746	11	8,117
11	Timber product, not manufactured at mill.	3	42,250	16,050	.....	.....	16,050	26,200	8,720	34	20,350
12	Tin-smithing, coppersmithing, and sheet-iron working.	4	23,885	13,075	2,100	6,900	4,075	10,810	671	27	15,392
13	All other industries (a)	11	70,075	25,725	6,050	7,200	12,475	44,350	5,089	38	10,605

a Embraces boots and shoes, custom work and repairing, 2; clothing, men's, custom work and repairing, 1; furniture, cabinetmaking, repairing and upholstering, 1; lime and cement, 2; lumber, planing mill products, including sash, doors, and blinds, 1; millinery, custom work, 1; photography, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

BY COUNTIES.

[No manufactures reported from Elmore county.]

1	The State	140	1,048,916	616,560	80,560	146,108	389,892	432,356	69,586	774	324,202
2	Ada	16	131,029	76,370	10,910	20,275	45,185	54,659	6,902	71	33,373
3	Alturas	8	86,175	49,000	14,150	11,150	23,700	37,175	5,577	51	25,020
4	Bear Lake	9	41,281	23,525	4,700	9,075	9,750	17,756	2,777	40	11,580
5	Bingham	12	69,204	57,060	2,000	18,018	37,042	12,144	5,612	75	26,758
6	Boise	5	23,540	17,700	700	4,200	12,800	5,840	1,497	14	5,537
7	Custer	6	17,590	10,800	900	4,350	5,550	6,790	1,664	19	6,189
8	Idaho	3	10,892	6,750	2,125	1,725	2,900	4,142	623	6	5,842
9	Kootenai	9	168,125	90,200	8,000	13,500	68,700	77,925	15,259	142	68,067
10	Latah	17	198,575	100,165	19,250	24,740	56,175	98,410	13,061	133	52,418
11	Logan	17	42,285	27,205	1,365	7,950	17,890	15,080	4,429	43	20,224
12	Nez Perces	4	20,740	11,800	3,000	2,100	6,700	8,940	2,147	20	6,152
13	Oneida	11	73,315	55,800	9,200	12,125	34,475	17,515	2,476	50	14,741
14	Shoshone	8	76,300	40,400	1,600	9,800	29,000	35,900	3,560	61	30,836
15	Washington	11	65,795	33,585	2,260	4,200	27,125	32,210	2,625	37	13,018
16	All other counties (a)	4	24,070	16,200	400	2,900	12,900	7,870	1,377	12	4,447

a Includes establishments distributed as follows: Cassia, 1; Lemhi, 2; Owyhee, 1.

ILLINOIS.

BY SPECIFIED INDUSTRIES.

1	All industries	20,482	502,004,512	236,825,020	61,986,313	68,754,214	106,084,493	265,179,492	79,515,193	312,198	171,523,579
2	Agricultural implements	100	48,639,383	8,136,535	1,879,848	3,408,373	2,848,314	40,502,848	3,592,439	10,417	5,457,716
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	6	60,950	5,950	.....	.....	5,950	55,000	5,031	86	40,174
4	Artificial limbs. (See also Surgical appliances.)	5	4,326	1,500	.....	.....	1,500	2,826	2,424	11	12,276
5	Awnings, tents, and sails	24	258,163	19,905	.....	.....	19,905	238,258	27,401	312	170,696
6	Axle grease	6	200,849	104,949	47,000	34,000	23,949	95,900	18,401	72	53,353
7	Babbitt metal and solder	3	23,690	7,300	.....	.....	7,300	16,390	2,996	15	9,578
8	Bags, other than paper	4	280,493	45,318	.....	.....	45,318	235,175	15,395	130	58,842
9	Baking and yeast powders	16	1,017,500	174,800	61,700	23,300	89,800	842,700	362,558	490	271,589
10	Baskets and rattan and willow ware	9	44,295	12,935	6,900	4,900	1,135	31,360	4,977	96	52,052
11	Belting and hose, leather	3	371,100	58,000	.....	.....	58,000	313,100	16,045	111	73,667

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IDAHO.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
105	$67,255	2	$1,040	614	$246,292	21	$3,835	17	$1,810	15	$3,970					$638,673	$1,396,096	1
20	12,181			19	7,797											17,340	46,897	2
3	510			35	4,200											1,690	9,800	3
3	775			6	1,220	7	805									11,461	17,805	4
11	7,490			50	23,123					2	720					262,811	376,946	5
6	2,080			8	2,294			1	60							5,265	17,580	6
12	7,575			345	114,895	2	500	2	200	11	2,050					187,097	429,990	7
2	936			1	150			1	150							1,202	5,550	8
30	23,124	1	416	68	52,157	6	1,830	10	1,300	2	1,200					28,237	160,783	9
8	5,527			3	2,590											26,860	41,400	10
1	1,800			33	18,550											57,925	201,800	11
4	3,172			23	12,220											17,091	45,984	12
5	2,085	1	624	23	7,096	6	700	3	100							21,694	41,561	13

BY COUNTIES.

[No manufactures reported from Elmore county.]

105	67,255	2	1,040	614	246,292	21	3,835	17	1,810	15	3,970					638,673	1,396,096	1
15	11,285	1	416	55	21,672											76,585	146,240	2
5	3,239			41	21,081	1	200	4	500							18,703	62,095	3
10	4,475			13	4,580	8	1,055	1	100	8	1,370					21,198	41,874	4
7	4,263			63	21,045	1	150	2	100	2	1,200					88,592	143,456	5
2	1,248			12	4,289											5,821	19,600	6
7	2,459			12	3,730											11,010	21,646	7
4	3,404			2	2,438											1,936	9,276	8
5	4,132			137	63,935											128,655	355,538	9
16	11,736			110	39,132	3	750			4	800					136,393	256,630	10
16	8,483	1	624	23	9,987	2	980	1	150							17,317	52,526	11
2	867			18	5,285											14,785	28,140	12
5	3,116			36	10,725	5	200	3	100	1	600					46,988	84,740	13
4	3,600			55	27,036			2	200							37,951	104,840	14
6	4,448			27	7,710	1	500	3	360							27,608	60,585	15
1	500			10	3,647			1	300							5,041	12,910	16

ILLINOIS.

BY SPECIFIED INDUSTRIES.

28878	27,086,400	3,102	1,563,914	213795	116,890,314	23,689	6,928,495	4,973	720,182	28087	15,706,156	9,221	$2,563,656	453	$64,462	529,019,089	908,640,280	1
860	822,193	55	26,952	7,406	3,680,556	24	7,016	45	6,045	1,827	858,954	200	56,000			10,102,508	24,609,600	2
8	9,850			12	6,368	27	8,180			30	12,500	9	3,276			102,290	179,250	3
6	6,680			5	5,596											7,450	26,900	4
36	32,372			137	87,684	96	31,514	2	286	10	7,800	31	11,040			430,409	757,186	5
28	32,078			36	19,295	4	1,180	4	800							175,238	362,500	6
4	4,040	1	546	10	4,992											43,174	69,680	7
13	14,540	2	1,040	34	19,856	81	23,406									671,990	825,006	8
94	120,556	10	3,870	180	90,454	165	45,009			31	9,100	10	2,600			1,723,423	2,795,640	9
10	8,232	1	260	71	37,840	2	520			10	4,940			2	260	42,685	120,900	10
22	22,826	1	720	88	50,121											365,340	540,500	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
12	Bicycles and tricycles	5	$565,612	$234,750	.....	$100,000	$134,750	$330,862	$85,650	697	$392,507
13	Billiard tables and materials	5	747,140	211,515	$60,000	40,000	111,515	535,625	56,736	559	368,060
14	Blacking. (See also Cleansing and polishing preparations.)	7	23,925	9,400	2,500	1,500	5,400	14,525	2,187	53	20,648
15	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,757	2,498,498	1,618,391	685,768	577,777	354,846	880,107	193,098	3,361	1,955,329
16	Bluing	3	26,305	5,125	.....	.....	5,125	21,180	3,026	27	15,510
17	Bookbinding and blank-book making. (See also Printing and publishing.)	56	902,418	415,377	6,150	25,800	383,427	487,041	101,062	1,115	594,127
18	Boot and shoe cut stock	7	113,450	28,100	2,000	1,000	25,100	85,350	10,834	115	57,860
19	Boot and shoe uppers	9	62,730	5,585	600	400	4,585	57,145	7,648	64	37,068
20	Boots and shoes, custom work and repairing.	1,228	1,030,105	666,092	271,890	266,670	127,532	364,013	189,304	2,044	1,010,527
21	Boots and shoes, factory product	56	3,781,476	1,083,966	199,650	248,500	635,816	2,697,510	388,001	4,152	2,047,331
22	Bottling. (See also Liquors, malt; Mineral and soda waters.)	25	150,010	85,745	22,280	21,800	41,665	64,265	14,624	126	64,976
23	Boxes, cigar	11	158,240	61,625	16,500	14,000	31,125	96,615	14,526	262	112,376
24	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	23	544,519	281,800	128,800	46,000	107,000	262,719	49,362	1,103	367,018
25	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	30	1,393,350	738,318	170,460	274,690	293,168	655,032	91,409	1,396	729,894
26	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	29	625,221	278,692	19,100	25,604	233,988	346,529	52,235	651	413,163
27	Brassware	8	23,625	10,300	.....	.....	10,300	13,325	3,994	63	31,358
28	Bread and other bakery products	536	3,332,200	2,243,248	855,000	748,756	639,492	1,088,952	445,392	3,567	2,004,261
29	Brick and tile. (See also Clay and pottery products.)	604	8,995,509	6,155,722	2,149,830	1,885,629	2,120,263	2,839,877	575,457	9,097	3,216,826
30	Bridges	10	1,357,500	715,500	127,000	130,000	458,500	642,000	96,387	897	627,510
31	Brooms and brushes	103	554,545	110,535	29,765	44,825	35,945	444,010	35,286	740	333,002
32	Buttons	4	42,725	25,650	.....	.....	25,650	17,075	2,826	57	21,568
33	Carpentering	1,076	5,773,835	1,377,244	564,992	381,035	431,217	4,396,591	620,150	10,428	6,904,174
34	Carpets, rag	41	38,032	26,910	12,400	9,450	5,060	11,122	3,877	99	33,266
35	Carriage and wagon materials	22	130,308	62,740	18,100	24,075	20,565	67,508	6,569	179	83,697
36	Carriages and sleds, children's	6	315,229	127,443	41,000	42,106	44,337	187,786	15,440	464	208,650
37	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	559	9,078,310	3,537,309	1,406,045	1,442,846	688,418	5,541,001	561,244	5,560	3,187,379
38	Cars and general shop construction and repairs by steam railroad companies.	70	7,791,234	5,794,816	2,225,290	1,888,404	1,681,122	1,996,418	5,629	10,541	6,054,161
39	Cars and general shop construction and repairs by street railroad companies.	3	1,109,500	949,250	422,000	453,000	74,250	160,250	23,060	365	251,604
40	Cars, steam railroad, not including operations of railroad companies.	9	10,070,784	4,794,181	340,072	2,080,240	2,373,869	5,276,603	217,384	7,055	4,363,110
41	Cheese and butter, urban dairy product	4	4,906	3,306	.....	.....	3,306	1,600	1,796	10	4,636
42	Cheese, butter, and condensed milk, factory product.	262	2,180,685	1,664,395	146,705	774,077	743,613	516,290	106,850	1,540	698,014
43	Chemicals. (See also Fertilizers; High explosives; Paints; Varnish.)	34	1,829,029	952,011	374,366	270,653	306,992	877,018	113,391	489	297,461
44	Clay and pottery products. (See also Brick and tile.)	40	1,675,108	907,377	154,140	353,537	399,700	767,731	143,204	1,512	753,934
45	Cleansing and polishing preparations. (See also Blacking.)	8	67,497	17,360	1,600	5,150	10,610	50,137	6,156	67	32,215
46	Clothing, men's, custom work and repairing.	1,097	4,642,506	1,016,742	424,900	405,875	185,967	3,625,764	800,876	8,379	4,959,894
47	Clothing, men's, factory product	199	13,275,575	552,459	159,500	146,314	246,645	12,723,116	2,752,621	16,612	6,533,965
48	Clothing, men's, factory product, buttonholes.	3	560	560	.....	.....	560	.....	289	14	5,232
49	Clothing, women's, dressmaking	1,051	1,062,634	550,078	245,400	208,160	96,518	512,556	200,942	3,790	1,330,908
50	Clothing, women's, factory product	71	2,793,112	315,707	105,500	103,500	106,707	2,477,405	600,030	2,673	1,181,478
51	Coffee and spice, roasting and grinding.	18	1,920,933	335,100	34,000	152,000	149,100	1,585,833	199,265	510	307,373
52	Coffins and burial cases, trimming and finishing.	88	396,720	225,353	96,735	99,830	28,788	171,367	25,616	173	106,163
53	Coffins, burial cases, and undertakers' goods.	12	1,100,550	423,400	105,000	204,000	114,400	677,150	84,672	520	290,053
54	Confectionery	88	1,696,413	781,676	314,975	189,190	277,511	914,737	239,255	1,812	760,738
55	Cooperage	179	1,993,567	1,064,025	446,334	377,565	240,126	929,642	152,455	2,582	1,242,430
56	Cordage and twine	6	547,101	424,463	34,947	118,629	270,887	122,638	30,208	546	156,590
57	Cork cutting	5	107,850	21,850	.....	.....	21,850	86,000	12,447	95	40,896
58	Corsets	9	98,650	32,935	.....	.....	32,935	65,715	7,451	229	85,082
59	Cotton goods. (See also Hosiery and knit goods.)	4	766,405	613,483	76,500	225,486	311,497	152,922	18,986	454	150,386
60	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	7	221,703	124,624	25,400	25,600	73,024	97,679	6,431	228	95,846
61	Dentistry, mechanical	356	405,212	218,740	20,750	17,800	180,190	186,472	159,125	648	584,206

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
42	$49,029	2	$1,000	602	$325,688			31	$6,390	20	$10,400					$272,904	$970,000	12
50	58,592	1	320	505	309,240	2	$365	1	233							673,915	1,296,000	13
20	18,124	3	1,300	17	6,824	9	2,800	4	600							38,757	84,410	14
1,653	1,000,670	2	1,332	1,644	932,038	2	377	14	1,896	46	19,016					957,803	3,921,434	15
6	6,610	3	1,200	13	6,200	5	1,500									44,284	87,770	16
103	116,032	12	6,109	633	363,247	322	101,411	37	5,786	1	520	7	$1,022			606,033	1,650,339	17
12	11,015			87	44,174	16	2,671									579,805	745,224	18
18	13,901			25	13,858	7	1,896			14	8,313					132,245	195,883	19
1,051	537,472	6	3,220	758	361,191	9	3,344	3	311	217	104,989					614,651	2,141,895	20
139	142,017	21	8,316	2,230	1,271,850	1,097	352,811	17	2,609	448	212,373	185	53,755	15	$3,600	4,931,986	8,756,824	21
27	24,764	2	1,160	89	37,702	7	1,150	1	200							183,086	369,853	22
20	20,648			77	40,274	51	15,762	9	1,196	27	12,300	76	21,596	2	600	153,686	341,287	23
42	43,385	7	3,720	256	107,425	282	65,508	36	5,040	15	4,244	444	134,126	21	3,570	451,030	1,019,653	24
63	66,547	1	200	1,145	605,012	19	3,936	104	21,840	59	31,359	5	1,000			1,660,216	2,962,693	25
76	88,177	4	1,930	535	312,022	19	6,396	7	1,066	10	8,572					731,821	1,474,123	26
14	9,430	1	300	46	21,108					2	520					32,707	78,652	27
637	516,419	125	48,198	2,238	1,278,346	446	124,090	81	19,223			40	17,985			4,916,491	8,832,725	28
540	329,996	4	1,450	7,873	2,503,839	16	2,181	333	36,550	888	335,543			43	7,267	1,069,369	6,399,492	29
41	58,780	1	300	855	568,430											1,880,175	2,836,037	30
125	79,761	1	600	228	102,441	109	29,307	12	2,079	186	101,090	33	9,340	46	8,384	465,635	946,225	31
9	9,805			7	4,369	39	6,994	2	400							6,150	46,860	32
1,142	997,749	16	9,912	9,071	5,790,338	7	1,574	17	2,226	175	162,375					10,104,337	20,392,422	33
31	14,566	8	2,999	10	4,277	4	1,225	5	410	30	11,975	5	1,579	6	1,235	26,432	80,387	34
33	21,836			116	45,070					30	16,791					97,335	232,261	35
18	15,050	5	2,250	355	163,100	25	8,050	1	200	60	20,000					301,900	600,100	36
634	539,505	14	6,470	4,300	2,324,114	46	16,243	33	4,195	522	294,952	11	2,400			3,721,807	9,041,725	37
262	198,020	2	660	10,252	5,837,783	13	3,906	3	820	9	12,972					5,909,493	12,208,617	38
2	4,500			363	247,104											238,511	594,854	39
172	127,340	4	1,372	4,553	2,762,749			30	6,240	2,216	1,443,343	80	22,075			10,093,125	17,117,223	40
1	520			9	4,116											27,062	38,615	41
192	128,404	4	1,392	1,078	484,561	77	19,582	27	5,194	89	38,336	73	20,545			6,582,144	8,004,991	42
103	104,561	3	1,884	283	167,645	88	19,646	4	936			8	2,789			836,991	1,582,125	43
67	64,221	2	916	1,275	623,545	35	5,720	43	5,853	90	53,679					426,134	1,556,590	44
17	16,195			33	12,820	15	3,025	2	175							56,485	130,645	45
1,290	1,117,940	29	10,695	2,731	1,656,154	616	190,004	27	4,390	2,974	1,845,895	709	134,492	3	324	5,358,314	13,556,581	46
583	629,652	25	11,714	10,945	4,236,499	2,064	556,358	21	3,220	1,367	695,356	1,554	391,854	53	9,312	18,199,308	33,626,441	47
3	1,540			7	2,860	4	832									737	8,220	48
41	31,761	1,020	500,440	68	43,825	2,455	674,071	14	2,011	10	3,248	182	75,552			2,224,364	4,393,026	49
124	139,383	36	28,422	529	324,338	1,539	511,232	2	304	157	83,968	286	93,831			3,257,712	6,422,431	50
150	144,657	2	980	265	140,019	32	7,459	8	1,726	20	5,200	33	7,332			8,320,128	9,367,983	51
91	65,087	3	1,420	78	39,576					1	80					239,758	475,606	52
49	56,806	2	1,500	311	170,313	80	26,261	23	4,584	54	30,329	1	260			334,014	942,102	53
204	190,406	42	16,123	793	375,879	700	162,542	32	4,985	2	1,380	39	9,423			2,729,536	4,438,821	54
142	110,773	2	2,780	1,288	601,136			47	8,090	1,099	517,551	4	2,100			2,753,516	4,708,998	55
7	8,004	1	700	212	71,196	181	40,797	20	884	40	16,380	85	18,629			1,373,081	1,854,185	56
12	17,108			43	23,174	38	9,302	2	312							117,363	205,400	57
6	8,350	29	15,738	6	3,520	186	57,116	1	208					1	150	90,635	254,687	58
23	25,800	1	600	112	45,837	280	73,453	38	4,696							337,773	563,988	59
13	11,229			166	73,152	12	2,496	31	5,044	6	3,925					75,418	216,644	60
355	431,423	10	4,492	161	106,654	100	32,230	15	3,997	6	5,260	1	150			184,321	1,402,702	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES. Aggregates. Average number.	Total wages.
62	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	75	$339,218	$120,108	$61,000	$47,100	$12,008	$219,110	$29,056	154	$84,931
63	Dyeing and cleaning	55	188,583	128,390	47,100	46,100	35,190	60,193	33,132	265	126,879
64	Dyeing and finishing textiles	3	26,500	20,500	3,500	6,000	11,000	6,000	1,426	21	10,424
65	Electrical apparatus and supplies	11	395,834	109,734	700	800	108,234	286,100	36,544	300	186,140
66	Electroplating	19	597,015	147,775	54,000	26,000	67,775	359,240	31,643	252	134,169
67	Engravers' materials	3	32,200	9,700	.....	.....	9,700	22,500	2,628	30	18,888
68	Engraving and diesinking	24	107,991	51,725	250	250	51,225	56,266	21,950	239	178,087
69	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	6	20,298	9,600	.....	.....	9,600	10,698	4,819	63	46,123
70	Engraving, wood	19	38,503	21,873	.....	.....	21,873	16,630	16,289	171	142,142
71	Fancy articles, not elsewhere specified	20	43,785	4,210	.....	240	3,970	39,575	7,358	83	34,977
72	Fertilizers. (See also Chemicals.)	4	914,844	251,749	55,867	102,582	93,300	663,095	53,226	278	200,574
73	Fire extinguishers, chemical	3	81,400	5,300	.....	.....	5,300	76,100	2,218	15	11,114
74	Flavoring extracts	9	102,425	15,175	.....	2,500	12,675	87,250	13,407	64	28,645
75	Flouring and grist mill products	647	13,101,860	8,850,629	1,523,062	2,608,044	4,718,923	4,251,231	905,299	4,385	2,048,710
76	Food preparations. (See also Fruits and vegetables, canning and preserving.)	24	598,553	288,050	27,000	93,000	168,050	310,503	120,154	451	209,315
77	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	408	29,726,767	13,978,649	3,573,957	3,709,179	6,695,513	15,748,118	2,220,217	18,538	10,919,656
78	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	23	638,871	211,876	20,075	80,931	110,870	426,995	60,005	2,206	150,404
79	Fur goods. (See also Hats and caps, not including wool hats.)	32	667,655	115,955	50,000	50,000	15,955	551,700	81,258	453	293,138
80	Furnishing goods, men's. (See also Shirts.)	25	863,734	70,210	18,500	17,500	34,210	793,524	110,041	995	425,240
81	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	187	1,042,715	490,746	201,375	210,800	78,571	551,969	88,496	950	511,099
82	Furniture, chairs	13	723,394	268,108	74,400	98,600	95,108	455,286	80,151	725	359,121
83	Furniture, factory product	169	8,810,006	3,247,414	1,032,692	1,264,218	950,504	5,562,592	588,895	8,970	5,061,407
84	Galvanizing	3	173,500	46,000	8,000	6,000	32,000	127,500	5,952	54	25,065
85	Gas and lamp fixtures. (See also Lamps and reflectors.)	5	605,902	38,699	.....	.....	38,699	567,203	28,570	198	130,736
86	Gas, illuminating and heating	36	43,542,852	41,743,300	12,188,400	8,188,600	21,366,300	1,799,552	1,313,365	1,463	960,385
87	Gas machines and meters	5	34,050	4,500	.....	.....	4,500	29,550	3,625	31	23,753
88	Glass	13	1,721,878	1,025,171	213,900	637,334	173,937	696,707	134,625	2,793	1,232,761
89	Glass, cutting, staining, and ornamenting.	23	351,658	94,250	13,300	40,700	40,250	257,408	29,134	600	361,424
90	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	14	339,605	72,950	16,600	39,300	17,050	266,655	24,259	296	110,712
91	Glucose	4	3,179,714	2,435,000	585,000	950,000	900,000	744,714	334,729	907	570,958
92	Gold and silver, leaf and foil	4	25,450	13,100	3,600	2,900	6,600	12,350	1,282	90	46,240
93	Grease and tallow. (See also Axle grease; Soap and candles.)	19	505,912	401,130	168,600	133,530	99,000	104,782	24,484	212	133,952
94	Hairwork	41	125,402	9,285	3,000	1,500	4,785	116,117	36,703	253	121,872
95	Hand stamps	13	39,757	13,600	.....	.....	13,600	26,157	8,269	62	43,135
96	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	38	2,443,225	1,342,772	366,003	260,621	716,148	1,100,453	308,753	1,918	1,057,946
97	Hardware, saddlery	6	56,228	19,100	.....	.....	19,100	37,128	3,628	66	32,031
98	Hats and caps, not including wool hats. (See also Fur goods.)	20	118,872	37,125	4,500	4,000	28,625	81,747	17,908	216	119,093
99	Hay and straw, baling	5	19,200	15,400	4,350	6,550	4,500	3,800	1,343	35	10,120
100	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	35	1,254,576	502,133	26,730	78,200	397,203	752,443	68,123	1,878	545,109
101	House furnishing goods, not elsewhere specified.	6	217,100	48,050	7,150	4,500	36,400	169,050	13,203	90	41,620
102	Ice, artificial	8	329,905	249,214	36,500	50,548	162,166	80,691	10,999	151	87,438
103	Ink, writing	3	71,100	20,450	700	1,300	18,450	50,650	3,951	63	22,875
104	Instruments, professional and scientific.	8	59,205	12,350	.....	.....	12,350	46,855	6,562	65	43,148
105	Iron and steel	20	32,471,977	17,023,820	2,222,895	4,063,309	10,737,616	15,448,157	686,958	7,734	4,915,109
106	Iron and steel, forgings	8	786,659	258,600	22,000	22,000	214,600	528,059	31,012	289	208,439

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
64	$46,842	2	$610	82	$36,121	3	$500	3	$858							$119,340	$318,571	62
59	42,793	10	3,805	125	62,320	66	15,757	2	356	1	$600	2	$1,248			145,498	358,695	63
4	2,032	1	500	13	6,956	3	936									6,846	26,741	64
35	39,020	5	3,120	214	122,520	18	5,611	8	275	20	15,600					184,625	486,730	65
23	21,263	2	1,200	197	99,965	21	7,581	4	536	5	3,624					94,393	329,576	66
6	5,248			24	13,640											20,157	49,500	67
33	38,620	4	2,008	172	116,667	6	1,280	3	512	21	19,000					51,843	319,625	68
10	14,204	1	300	35	25,950	15	5,305	2	364							8,960	75,120	69
32	40,409	2	535	132	98,584	1	300	1	150	3	2,164					15,327	221,282	70
5	4,430	23	10,555	6	3,424	21	7,720	1	52			27	8,796			44,314	119,786	71
30	57,979			248	142,595											297,685	924,758	72
4	6,175	1	600	9	4,024	1	315									16,510	47,100	73
14	8,960			34	14,810	16	4,875									141,562	229,790	74
818	559,362	17	8,400	3,344	1,420,681	24	6,610	18	2,080	162	50,683	2	900			31,733,747	37,974,885	75
68	70,259	18	3,792	222	104,075	101	20,751	7	1,398	15	5,260	20	3,780			1,045,636	1,795,246	76
1,280	1,440,187	58	33,953	14,833	8,093,184	45	11,010	187	37,664	2,130	1,302,458			5	$1,200	17,313,882	38,898,114	77
23	14,237	1	260	590	63,748	507	29,907	358	12,000	235	17,033	376	11,065	116	2,214	768,556	1,196,181	78
67	86,083	20	13,000	117	92,791	237	95,928			2	1,124	10	4,212			589,068	1,157,180	79
61	71,460	5	3,004	76	63,100	700	233,498	9	1,555	19	9,018	125	43,605			1,140,252	1,998,177	80
194	138,721	13	6,340	649	331,866	41	11,696	6	972	18	8,604	29	12,900			817,256	1,638,456	81
50	46,533	1	600	532	273,911	45	5,817	25	3,900	72	22,360					271,821	880,770	82
452	525,629	23	11,791	6,743	3,635,817	118	44,562	98	14,739	1,419	787,519	106	38,410	20	3,000	5,965,615	14,406,835	83
7	4,965			47	20,100											353,592	421,000	84
23	28,196			164	99,972	6	1,580	5	988							138,561	352,650	85
135	177,004	5	2,340	1,323	781,041											329,995	5,294,206	86
7	6,396			24	17,357											19,733	54,898	87
31	44,710			1,547	628,981	20	3,860	524	62,235	668	492,545			3	430	682,248	2,372,011	88
44	52,472	4	1,800	520	297,228	12	4,174	19	4,950	1	800					280,790	817,666	89
13	11,300	2	676	76	40,534	91	32,229			26	8,928	88	17,045			304,906	512,171	90
29	66,960			876	503,398	2	600									2,735,483	4,370,322	91
4	4,442	2	800	12	11,272	22	6,332			20	14,560	30	8,840			71,557	135,312	92
26	25,702			170	103,066			16	5,184							531,606	901,987	93
31	32,757	23	11,283	15	10,308	122	43,302	2	250	13	7,072	47	16,900			93,931	316,317	94
16	15,910	42	26,416	3	734			1	75							25,898	95,995	95
139	155,728	9	4,697	1,451	763,255	60	20,559	22	2,877	237	110,830					1,212,568	3,099,193	96
6	4,480			53	27,420	1	123	6	608							19,018	65,263	97
28	29,452	1	350	41	29,000	53	17,292	1	208	22	14,092	64	29,604			115,316	335,925	98
				35	10,120											41,510	61,200	99
70	75,861	4	2,440	279	120,397	918	238,243	45	7,450			561	100,694	1	24	980,780	1,990,035	100
7	6,040			42	18,130	18	6,456			21	10,600			2	400	370,990	500,954	101
																27,539	171,576	102
28	19,986			133	67,452											50,375	114,200	103
9	7,978			18	6,957	36	7,940									22,864	110,250	104
18	19,740			42	22,368	5	1,040									28,995,745	37,173,405	105
150	231,188	1	720	7,543	4,678,345			40	5,946	60	50,200					386,893	728,905	106
21	35,996	1	468	207	121,775													

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES. Aggregates. Average number.	Total wages.
107	Iron and steel, nails and spikes, cut and wrought, including wire nails.	10	$1,062,604	$528,000	$92,000	$133,000	$303,000	$534,604	$40,061	665	$278,690
108	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	100	3,353,646	1,572,415	677,800	384,610	510,005	1,781,231	278,753	2,627	1,774,860
109	Jewelry. (See also Watch, clock, and jewelry repairing.)	25	297,615	71,700	8,600	5,800	57,300	225,915	50,973	371	298,113
110	Labels and tags	7	31,535	20,300	250	750	19,300	11,235	2,694	59	17,036
111	Lamps and reflectors. (See also Gas and lamp fixtures.)	9	87,850	39,450	3,300	10,000	26,150	48,400	8,721	80	49,534
112	Lard, refined. (See also Slaughtering.)	5	1,625,440	344,415	68,430	85,870	190,115	1,281,025	581,934	293	107,025
113	Lead, bar, pipe, and sheet	3	959,464	466,678	180,000	87,500	199,178	492,786	31,950	186	120,240
114	Leather goods. (See also Pocketbooks; Trunks and valises.)	6	359,502	52,572	.....	.....	52,572	306,930	22,244	313	138,332
115	Leather, tanned and curried	30	4,876,671	1,198,280	620,730	325,300	252,250	3,678,391	160,141	1,947	1,190,922
116	Lime and cement	39	1,247,191	1,099,051	693,525	271,669	133,857	148,140	34,621	928	371,503
117	Liquors, distilled	7	8,782,041	7,417,155	1,231,950	1,715,000	4,470,205	1,364,886	31,505,991	1,023	825,140
118	Liquors, malt. (See also Bottling.)	88	21,294,107	12,930,493	3,636,593	5,678,002	3,615,988	8,363,614	3,452,695	2,943	2,056,829
119	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	15	537,260	308,000	.....	.....	308,000	229,260	62,756	680	411,826
120	Lock and gun smithing	66	132,070	88,928	34,500	24,250	30,178	43,142	19,834	144	87,752
121	Looking-glass and picture frames	99	1,100,398	452,369	147,950	145,600	158,819	648,029	105,579	1,650	825,019
122	Lumber and other mill products from logs or bolts.	357	4,056,562	1,633,620	433,956	254,007	945,657	2,422,942	352,783	4,314	1,147,784
123	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	206	11,301,630	5,181,381	1,830,895	1,386,726	1,963,760	6,120,249	684,019	9,517	5,649,437
124	Malt. (See also Liquors, malt.)	23	4,567,090	2,369,100	707,500	1,128,900	532,700	2,197,990	264,468	556	339,332
125	Mantels, slate, marble, and marbleized.	7	291,060	108,760	34,000	47,000	27,760	182,300	13,712	326	228,736
126	Marble and stone work. (See also Monuments and tombstones.)	73	2,728,036	1,802,898	1,124,275	270,555	408,068	925,138	173,758	1,663	1,325,748
127	Masonry, brick and stone. (See also Plastering and stuccowork.)	295	3,023,381	700,322	206,915	214,040	279,367	2,323,059	207,166	8,208	5,214,878
128	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	41	976,302	302,429	134,726	92,549	75,154	673,873	89,429	726	411,690
129	Millinery and lace goods. (See also Artificial feathers and flowers.)	7	282,100	61,600	.....	.....	61,600	220,500	32,182	553	230,201
130	Millinery, custom work	415	1,574,391	513,964	231,500	245,666	36,798	1,060,427	198,606	1,944	852,810
131	Mineral and soda waters. (See also Bottling.)	72	781,487	598,323	79,635	101,625	417,063	183,164	149,215	522	283,014
132	Mirrors	7	226,350	53,000	.....	.....	53,000	173,350	27,306	391	267,862
133	Models and patterns	38	145,418	59,015	9,400	6,565	43,050	86,403	23,376	200	148,302
134	Monuments and tombstones. (See also Marble and stone work.)	115	815,810	271,455	139,825	76,200	55,430	544,355	81,772	633	418,282
135	Mucilage and paste	4	25,050	20,925	10,000	5,000	5,925	4,125	1,918	14	7,036
136	Musical instruments and materials, not specified.	14	175,895	37,765	3,000	5,000	29,765	138,130	21,268	205	114,672
137	Musical instruments, organs and materials.	17	3,339,923	562,076	106,000	236,000	220,076	2,777,847	128,266	1,483	829,731
138	Musical instruments, pianos and materials.	8	333,900	84,500	31,400	35,600	17,500	249,400	77,944	459	249,002
139	Oil, linseed	8	1,623,592	766,500	191,500	174,000	401,000	857,092	91,413	220	124,908
140	Oil, lubricating	4	69,525	7,325	.....	5,000	2,325	62,200	4,229	23	18,246
141	Oleomargarine	4	430,400	93,000	32,000	25,000	36,000	337,400	260,407	219	170,414
142	Optical goods	6	84,600	12,100	.....	.....	12,100	72,500	15,256	85	59,057
143	Painting and paper hanging	660	2,179,191	801,670	356,675	261,855	183,140	1,377,521	205,780	4,334	2,865,963
144	Paints. (See also Chemicals; Varnish.)	36	3,747,805	1,412,101	387,536	416,418	608,147	2,335,704	499,541	837	605,495
145	Paper	21	1,687,381	1,446,300	291,500	550,800	604,000	241,081	119,214	795	355,138
146	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	65	911,193	489,626	265,000	175,900	48,726	421,567	296,131	413	234,614
147	Paving and paving materials	24	1,777,904	833,283	310,950	127,950	394,383	944,621	143,892	1,969	1,049,216
148	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	11	116,510	52,570	25,000	10,000	17,570	63,940	28,601	156	68,462
149	Photography	248	691,546	485,270	112,270	95,510	277,490	206,276	137,808	889	562,952
150	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	12	125,490	62,200	6,000	5,000	51,200	63,290	19,248	150	111,374
151	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	28	513,742	126,600	21,535	19,220	85,845	387,142	86,139	376	176,577

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
32	$41,315	.....	.....	414	$183,895	151	$36,555	29	$6,073	27	$4,040	12	$6,812	.....	.....	$586,578	$1,062,578	107
211	263,242	4	$2,580	2,355	1,487,727	1	220	33	6,910	23	14,121	.....	.....	.....	.....	2,536,565	5,438,026	108
44	56,212	9	4,888	294	230,427	16	5,306	8	1,280	.....	.....	.....	.....	.....	.....	453,607	932,600	109
7	5,600	1	624	18	5,712	5	1,200	2	400	.....	.....	6	1,500	20	$2,000	27,240	58,715	110
12	11,109	.....	.....	55	33,565	9	1,960	2	300	2	2,600	.....	.....	.....	.....	36,395	125,650	111
15	15,675	.....	.....	200	129,400	33	9,700	16	3,750	.....	.....	29	9,100	.....	.....	3,545,603	4,554,831	112
32	32,270	2	1,050	152	86,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,447,381	2,584,200	113
21	23,390	.....	.....	254	106,080	37	8,762	.....	.....	1	100	.....	.....	.....	.....	177,315	410,797	114
83	104,604	.....	.....	1,724	1,018,112	.....	.....	5	422	135	67,784	.....	.....	.....	.....	5,770,146	8,240,803	115
57	43,822	2	860	861	324,576	.....	.....	1	195	7	2,050	.....	.....	.....	.....	229,887	904,429	116
24	55,280	.....	.....	999	769,860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,918,106	51,996,737	117
318	530,220	3	7,100	2,601	1,513,609	6	1,440	11	1,820	4	2,640	.....	.....	.....	.....	4,627,634	13,064,046	118
42	75,535	8	3,476	460	286,877	166	45,238	4	700	.....	.....	.....	.....	.....	.....	300,740	951,785	119
69	47,021	.....	.....	67	38,301	.....	.....	4	706	4	1,724	.....	.....	.....	.....	84,270	242,632	120
168	148,412	7	3,336	1,123	557,038	47	13,348	159	31,127	144	71,030	2	728	.....	.....	1,070,252	2,584,694	121
279	119,499	1	1,100	3,893	1,003,104	7	510	66	7,173	63	15,648	.....	.....	5	750	2,893,684	5,090,940	122
575	620,206	13	7,082	8,515	4,852,602	25	6,574	161	20,861	227	141,540	1	572	.....	.....	11,712,229	20,468,903	123
45	65,480	.....	.....	511	323,852	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,383,755	4,802,959	124
22	19,374	2	936	202	178,426	.....	.....	.....	.....	40	30,000	.....	.....	.....	.....	246,612	582,260	125
142	160,108	.....	.....	1,512	1,158,422	3	1,035	1	108	5	6,075	.....	.....	.....	.....	1,614,104	3,853,804	126
379	409,122	2	1,020	7,760	4,754,926	.....	.....	9	1,542	58	48,268	.....	.....	.....	.....	8,791,753	15,792,212	127
103	112,840	6	2,490	317	182,259	52	19,829	15	2,066	168	62,730	49	18,064	16	11,421	1,315,780	2,134,597	128
27	43,674	5	3,050	43	37,360	231	83,332	7	1,568	.....	.....	240	61,220	.....	.....	286,548	664,930	129
101	98,187	480	262,596	47	25,812	1,270	459,047	21	2,598	.....	.....	25	4,570	.....	.....	1,597,772	3,177,757	130
110	92,717	5	2,360	380	182,218	13	2,968	10	1,351	4	1,400	.....	.....	.....	.....	294,006	1,123,358	131
39	39,512	.....	.....	301	195,710	.....	.....	11	1,440	40	31,200	.....	.....	.....	.....	226,188	578,338	132
45	39,474	.....	.....	141	105,694	3	919	9	849	2	1,456	.....	.....	.....	.....	53,024	286,244	133
146	130,766	2	1,040	450	270,879	.....	.....	5	862	28	14,600	1	60	1	75	610,626	1,424,372	134
4	3,340	1	624	8	3,764	1	208	.....	.....	.....	.....	.....	.....	.....	.....	16,516	30,975	135
17	12,048	.....	.....	146	72,546	3	1,000	1	156	38	28,922	.....	.....	.....	.....	75,493	239,960	136
70	73,552	12	5,100	541	323,651	33	14,920	2	208	825	412,300	.....	.....	.....	.....	1,112,067	2,790,889	137
16	19,216	1	400	393	188,136	.....	.....	.....	.....	49	41,340	.....	.....	.....	.....	352,222	755,450	138
25	37,583	1	800	192	85,765	1	260	.....	.....	1	500	.....	.....	.....	.....	2,397,787	2,901,164	139
9	9,240	.....	.....	12	8,070	2	936	.....	.....	.....	.....	.....	.....	.....	.....	215,135	260,750	140
30	55,448	4	2,520	175	109,746	9	2,350	1	350	.....	.....	.....	.....	.....	.....	1,314,300	1,864,800	141
17	16,517	5	3,684	34	21,956	7	2,236	.....	.....	19	13,572	3	1,092	.....	.....	81,810	183,000	142
715	611,322	19	2,903	3,401	2,134,114	28	6,775	18	3,356	146	100,301	7	1,092	.....	.....	2,176,648	6,201,553	143
196	239,367	13	6,2[illegible]7	571	341,714	50	16,260	5	741	2	1,146	.....	.....	.....	.....	3,149,907	4,937,454	144
36	39,006	1	250	686	300,791	48	11,388	23	3,353	.....	.....	1	350	.....	.....	581,329	1,467,289	145
96	95,786	18	9,986	154	88,256	117	33,456	7	1,198	13	4,000	6	1,892	2	40	432,376	1,529,743	146
83	96,757	.....	.....	1,885	952,147	1	312	.....	.....	.....	.....	.....	.....	.....	.....	2,182,638	3,872,618	147
20	15,366	1	780	54	29,244	79	22,760	2	312	.....	.....	.....	.....	.....	.....	114,170	319,050	148
264	242,558	33	19,845	354	215,280	181	66,054	11	2,146	20	8,570	26	8,499	.....	.....	412,022	1,448,462	149
22	28,340	1	600	107	76,756	16	3,996	1	182	3	1,500	.....	.....	.....	.....	80,395	246,300	150
85	65,843	4	1,610	188	79,040	116	29,034	.....	.....	1	750	2	300	.....	.....	685,136	1,146,136	151

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
152	Pipes, tobacco	5	$4,380	$1,450	$100	$200	$1,150	$2,930	$1,437	32	$11,497
153	Plastering and stuccowork. (See also Masonry, brick and stone.)	112	342,430	105,356	46,590	24,695	34,071	237,074	19,785	786	526,062
154	Plumbers' supplies. (See also Brass castings and brass finishing.)	7	1,295,314	551,283	138,500	219,800	192,983	744,031	28,687	779	439,801
155	Plumbing and gas fitting	341	1,918,520	509,338	219,603	120,162	169,573	1,409,182	147,866	3,067	2,223,907
156	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	380	8,608,810	4,780,022	346,450	476,500	3,957,072	3,828,788	2,332,999	7,515	4,682,742
157	Printing and publishing, music. (See also Bookbinding and blank-book making.)	10	86,210	25,410	.....	.....	25,410	60,800	24,328	57	39,554
158	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	996	9,714,024	5,338,353	173,057	564,567	4,600,729	4,375,671	3,282,077	9,502	6,431,079
159	Printing materials	10	693,075	307,800	1,600	36,000	270,200	385,275	36,439	329	163,880
160	Pumps, not including steam pumps	10	607,520	242,677	76,000	81,321	85,356	364,843	16,233	271	159,070
161	Refrigerators	4	75,900	13,500	5,000	3,000	5,500	62,400	2,920	123	52,294
162	Regalia and society banners and emblems.	9	64,666	6,390	.....	.....	6,390	58,276	11,274	178	78,576
163	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	102	820,910	358,776	122,916	96,700	139,160	462,134	71,860	940	613,882
164	Rubber and elastic goods	11	128,690	66,660	26,200	10,700	29,760	62,030	13,504	125	52,895
165	Saddlery and harness	654	2,800,136	908,401	341,140	348,080	219,181	1,891,735	208,699	2,281	1,193,661
166	Sausage. (See also Slaughtering.)	13	43,537	33,830	15,800	11,650	6,380	9,707	4,177	56	30,125
167	Saws	10	257,500	100,400	32,000	20,400	48,000	157,100	23,681	97	70,900
168	Scales and balances	6	129,634	36,000	13,000	9,000	14,000	93,634	8,804	103	69,730
169	Sewing machine cases	3	195,779	123,379	26,000	17,700	79,679	72,400	22,624	249	122,583
170	Sewing machine repairing	6	2,215	710	.....	.....	710	1,505	2,021	8	4,338
171	Sewing machines and attachments	8	739,710	324,973	27,000	49,140	248,833	414,737	131,392	690	376,558
172	Shipbuilding	10	638,439	500,234	399,113	65,450	35,671	138,205	11,723	331	187,021
173	Shirts. (See also Furnishing goods, men's.)	43	1,163,885	248,690	100,000	100,000	48,090	915,795	70,216	1,488	606,367
174	Shoddy	3	110,037	62,100	6,600	23,500	32,000	47,937	11,610	114	36,251
175	Show cases	16	339,826	62,306	10,500	27,784	24,022	277,520	30,095	408	261,276
176	Silk and silk goods	10	422,096	199,200	33,000	60,000	106,200	222,896	35,761	805	295,636
177	Silversmithing	4	35,800	20,800	.....	.....	20,800	15,000	7,369	50	31,322
178	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	60	40,317,930	13,621,870	4,520,236	5,802,826	3,298,808	26,696,060	6,391,900	18,178	11,068,871
179	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	21	489,185	236,675	112,300	95,000	29,375	252,510	71,716	738	518,534
180	Smelting and refining	7	321,190	98,725	18,000	44,000	36,725	222,465	86,972	137	93,733
181	Soap and candles. (See also Grease and tallow.)	35	4,743,650	1,868,004	745,373	493,848	628,783	2,875,646	652,207	1,198	644,151
182	Sporting goods	5	171,725	54,175	24,000	15,000	15,175	117,550	7,045	153	70,182
183	Springs, steel, car, and carriage	6	1,003,282	655,117	195,359	108,000	351,758	348,165	32,442	381	261,182
184	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet iron working.)	5	332,075	171,500	47,500	34,000	90,000	160,575	9,879	474	183,919
185	Stationery goods, not elsewhere specified.	7	147,150	56,300	20,000	10,000	26,300	90,850	6,512	68	52,776
186	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	21	2,749,435	1,087,739	233,800	393,535	550,404	1,661,696	352,251	2,321	1,325,099
187	Stencils and brands	8	42,772	27,500	100	200	27,200	15,272	8,729	76	57,336
188	Stereotyping and electrotyping. (See also Type founding.)	6	200,750	128,000	.....	.....	128,000	72,750	20,483	265	167,940
189	Sugar and molasses, refining	36	800,207	505,575	52,031	203,060	250,475	294,632	39,682	386	171,685
190	Surgical appliances. (See also Artificial limbs.)	10	97,950	15,800	2,000	1,000	12,800	82,150	40,061	141	103,786
191	Timber products, not manufactured at mill.	6	38,650	32,130	16,000	.....	16,130	6,520	8,160	58	11,340
192	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	600	3,829,207	1,732,495	425,460	462,740	844,295	2,096,712	284,723	3,589	2,010,079
193	Tobacco, chewing, smoking, and snuff	15	941,620	161,005	32,405	26,520	102,080	780,615	727,485	648	274,700
194	Tobacco, cigars and cigarettes	715	3,209,601	675,011	275,765	286,365	112,881	2,534,590	770,271	4,827	2,405,563
195	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	29	227,852	97,012	15,450	11,450	70,112	130,840	11,009	257	149,593
196	Toys and games	3	15,931	3,800	.....	.....	3,800	12,131	764	35	12,192

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$2,733	1	$600	8	$3,664	5	$696	2	$180	12	$3,624					$4,463	$21,050	152
136	112,681			639	407,462			1	300	10	5,619					515,242	1,229,182	153
68	52,670			463	252,389	23	6,032			201	121,222	24	$7,488			438,114	1,279,322	154
465	448,883	30	13,538	2,530	1,753,436	1	208	33	5,912	8	1,930					3,132,222	6,455,007	155
869	1,009,477	113	58,384	4,479	2,892,432	1,283	422,805	145	29,736	511	240,974	115	28,934			4,800,914	14,555,068	156
26	23,060	11	5,100	4	3,256	8	3,200	2	442	6	4,496					37,080	157,000	157
1,543	1,595,357	284	138,461	4,971	3,326,130	786	279,230	572	60,157	1,253	993,523	84	37,519	9	$702	4,000,623	17,248,845	158
33	42,548	3	1,430	68	53,028	14	5,200	3	874	58	36,600	150	24,200			113,398	439,400	159
42	44,460	1	350	217	108,080					11	6,180					367,145	638,600	160
23	21,938			100	30,356											43,880	116,000	161
13	13,320	1	520	69	37,170	95	27,566									61,248	186,060	162
116	113,465	4	1,640	813	496,627			1	100	6	2,050					1,443,986	2,500,133	163
18	17,640	4	1,800	29	17,020	18	4,409	2	416	4	1,150	50	10,460			103,877	215,178	164
631	419,409	7	2,422	1,351	644,475	34	9,666	24	4,631	222	109,558	15	3,500			1,702,748	3,647,434	165
14	12,005			39	17,220	3	900									182,868	247,660	166
16	17,844	1	700	79	51,946	1	416									153,104	279,216	167
12	10,531	2	1,248	40	25,350					49	32,601					45,572	153,547	168
4	4,500			211	102,483					25	15,600					129,260	360,074	169
4	2,604			2	864	1	350			1	520					1,650	10,200	170
31	29,982	4	2,160	441	252,616	27	6,916	2	468	170	79,731	15	4,680			356,836	1,010,908	171
15	14,722	1	433	299	169,370			16	2,496							148,127	421,815	172
62	59,426	3	1,468	366	200,376	679	211,972	4	624	31	9,708	343	122,793			970,175	1,930,625	173
4	6,500			37	19,228	43	4,046					30	6,480			103,722	182,110	174
34	39,090	1	450	338	204,836			20	5,200	15	11,700					287,630	710,025	175
41	50,384	8	3,930	139	72,220	535	143,392	10	1,560	18	10,110	54	14,040			314,855	785,845	176
5	5,474	1	1,000	44	24,848											64,889	184,924	177
907	1,013,353	31	14,448	15,533	9,401,434	243	75,584	408	76,281	797	410,943	259	76,828			169,934,270	200,414,531	178
46	59,566			665	440,440					27	18,528					10,969,642	11,876,851	179
23	28,694			114	65,039											1,072,155	1,356,200	180
166	182,714	6	3,304	796	399,905	142	36,158	45	10,204	3	550	40	11,316			7,455,241	9,857,550	181
8	11,902			89	41,912	36	8,448			20	7,920					88,216	218,600	182
22	29,080			347	229,612			12	2,490							453,542	906,937	183
22	25,569			97	66,206	30	3,120			175	48,024	150	41,000			222,431	451,100	184
15	18,900	3	2,080	33	25,764	12	4,132	1	150	4	1,750					44,856	121,396	185
254	263,093	4	2,200	1,831	983,361	37	7,400	3	575	119	47,994	73	20,476			1,592,054	4,040,388	186
14	14,860			60	41,976			2	500							23,118	116,200	187
21	38,353	1	260	215	123,169	1	520	27	5,638							85,765	367,000	188
60	58,347	2	1,100	306	108,077	7	1,326			11	2,835					2,649,736	3,008,358	189
41	39,694	8	4,622	67	49,016	18	7,180					7	3,276			138,405	360,300	190
3	1,000			52	10,040					3	300					13,706	44,215	191
571	476,924	19	9,862	2,671	1,406,391	184	49,584	32	5,636	112	61,682					3,242,973	6,827,538	192
55	73,958	1	300	150	92,280	396	104,724	36	2,190			4	1,248			727,314	2,027,153	193
721	529,536	9	3,668	1,031	504,014	275	73,186	170	24,065	2,160	1,141,715	424	125,063	37	4,376	2,894,526	6,942,185	194
42	34,686			212	112,939	1	720			2	1,248					58,386	299,730	195
2	3,000			17	4,200					8	2,496	8	2,496			18,640	44,223	196

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
197	Trunks and valises. (See also Leather goods.)	20	$406,400	$145,025	$60,000	$59,000	$26,025	$261,375	$27,108	317	$186,585
198	Type founding. (See also Stereotyping and electrotyping.)	3	438,545	199,805	.....	.....	199,805	238,740	27,900	195	162,800
199	Umbrellas and canes	16	23,120	7,430	3,000	2,000	2,430	15,690	7,008	29	16,418
200	Upholstery materials. (See also Woolen goods.)	3	66,101	37,296	1,100	11,600	24,596	28,805	6,057	108	45,506
201	Varnish. (See also Paints.)	10	1,279,571	382,059	89,750	176,804	115,505	897,512	90,129	189	192,464
202	Vinegar and cider	41	797,848	522,508	155,610	158,857	208,041	275,340	44,607	290	156,097
203	Washing machines and clothes wringers.	6	7,519	1,635	200	350	1,085	5,884	852	30	15,270
204	Watch cases	3	118,293	27,734	.....	5,000	22,734	90,559	7,415	71	40,762
205	Watch, clock, and jewelry repairing. (See also Jewelry.)	325	434,713	201,395	65,600	34,600	101,135	233,378	92,782	652	431,150
206	Watches	4	6,179,484	2,890,943	346,971	1,069,010	1,474,962	3,288,541	340,111	3,999	2,189,326
207	Windmills	14	289,080	115,696	15,800	23,300	76,596	173,384	19,267	301	165,347
208	Window shades	13	217,570	42,070	10,000	8,000	24,070	175,500	32,341	121	76,952
209	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	66	1,114,476	465,910	100,530	109,135	256,245	648,566	104,445	639	327,817
210	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	38	188,998	102,058	34,600	13,100	54,358	86,940	26,769	300	174,692
211	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	23	1,649,918	600,939	68,775	193,864	338,300	1,048,979	110,159	914	313,780
212	All other industries (a)	109	7,153,145	3,076,182	485,200	1,009,473	1,581,509	4,076,963	516,798	4,501	2,463,298

a Embraces ammunition, 2; artists' materials, 2; bags, paper, 2; bellows, 1; bells, 2; belting and hose, rubber, 1; bicycle and tricycle repairing, 1; bone, ivory, and lamp black, 1; boot and shoe findings, 1; bronze castings, 1; carpets, wood, 1; china, decorating, 2; cigar molds, 1; clocks, 1; clothing, horse, 2; coke, 2; cordials and sirups, 1; crucibles, 1; dentists' materials, 2; drug grinding, 1; emery wheels, 1; enameled goods, 1; envelopes, 3; files, 2; fireworks, 1; foundry supplies, 1; furs, dressed, 1; gas stoves, 2; glue, 1; gold and silver, reducing and refining, not from the ore, 1; high explosives, 1; ink, printing, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, doors and shutters, 1; iron and steel, pipe, wrought, 2; ivory and bone work, 2; japanning, 2; jewelry and

BY COUNTIES.

1	The State	20,482	502,004,512	236,825,020	61,986,313	68,754,214	106,084,493	265,179,492	79,515,193	312,198	171,523,579
2	Adams	477	6,952,231	3,142,088	618,033	1,194,181	1,329,874	3,810,143	674,694	5,361	2,531,300
3	Alexander	95	1,149,261	691,164	112,968	167,470	410,726	458,097	89,405	874	456,943
4	Bond	18	51,697	38,043	3,845	7,670	26,528	13,654	2,974	45	14,206
5	Boone	72	537,128	279,388	37,000	91,340	151,048	257,740	32,493	477	232,905
6	Brown	20	58,600	46,415	5,025	17,225	24,165	12,185	2,944	94	25,220
7	Bureau	111	482,185	279,825	38,475	115,470	125,880	202,300	29,021	478	186,379
8	Calhoun	16	31,093	20,455	2,515	6,635	11,305	10,638	1,146	30	8,073
9	Carroll	75	243,058	162,440	28,500	58,250	75,690	80,618	17,408	276	108,283
10	Cass	58	525,155	278,342	34,050	97,350	146,942	246,813	26,357	463	193,515
11	Champaign	183	1,044,591	642,351	93,315	238,430	310,606	402,240	67,383	1,173	475,960
12	Christian	115	493,212	324,942	63,065	133,637	128,240	168,270	23,256	543	221,954
13	Clark	56	146,823	103,531	16,181	16,010	71,340	43,292	9,740	189	49,510
14	Clay	28	105,575	59,470	4,280	10,140	45,050	46,105	5,891	163	41,936
15	Clinton	47	274,647	174,122	17,498	53,360	103,264	100,525	16,877	185	53,195
16	Coles	145	749,119	441,523	49,993	189,311	202,219	307,596	68,700	1,032	459,184
17	Cook	10,097	362,586,015	168,261,694	51,071,429	45,780,681	71,409,584	194,324,321	43,514,510	212,336	125,023,442
18	Crawford	50	136,436	92,687	5,630	17,897	69,160	43,749	8,654	214	50,560
19	Cumberland	18	39,375	30,330	1,875	4,820	23,635	9,045	6,071	90	18,925
20	Dekalb	147	1,862,981	503,717	66,120	167,392	270,205	1,359,264	233,484	969	429,031
21	Dewitt	42	203,416	141,678	29,575	64,445	47,658	61,738	7,341	248	97,055
22	Douglas	59	202,859	121,706	17,210	39,645	64,851	81,153	13,063	186	73,109
23	Dupage	83	424,758	293,235	49,025	172,000	72,210	131,523	19,360	289	135,674
24	Edgar	58	188,164	111,224	21,145	30,565	59,514	76,940	12,065	253	75,032
25	Edwards	15	59,586	34,550	3,320	9,450	21,780	25,036	3,161	108	13,982
26	Effingham	59	213,010	156,890	13,905	36,560	106,425	56,120	10,427	287	96,896
27	Fayette	68	195,995	144,815	19,375	46,970	78,470	51,180	20,053	222	68,506
28	Ford	29	154,339	78,050	9,115	26,225	42,710	76,289	23,183	611	53,458
29	Franklin	37	74,271	52,927	5,633	11,469	35,825	21,344	3,882	90	23,642
30	Fulton	185	2,406,332	653,409	88,727	225,680	339,002	1,752,923	301,839	1,984	812,905
31	Gallatin	20	106,437	69,880	8,300	10,200	51,380	36,557	9,715	97	29,827
32	Greene	60	437,235	272,723	53,090	115,650	103,983	164,512	28,414	505	176,277
33	Grundy	23	288,456	145,002	11,880	60,620	72,502	143,454	28,559	233	115,264
34	Hamilton	14	32,290	25,820	3,400	1,945	20,475	6,470	2,722	56	10,621
35	Hancock	89	608,567	291,566	30,036	109,620	151,910	317,001	33,042	436	166,759
36	Hardin	15	38,636	29,335	1,610	8,025	19,700	9,301	1,938	39	10,059
37	Henderson	20	70,405	53,705	4,120	19,000	30,585	16,760	2,955	46	14,722
38	Henry	73	1,288,458	551,212	89,905	157,738	303,569	737,246	114,715	1,147	562,454
39	Iroquois	65	270,645	179,852	27,695	58,300	93,857	90,793	16,174	341	119,532
40	Jackson	44	397,225	235,595	25,500	76,406	133,689	161,630	33,820	328	140,675
41	Jasper	32	86,881	56,665	8,710	11,400	36,555	30,216	4,277	120	29,561

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
45	$46,103			258	$137,204	11	$3,020	3	$258							$177,756	$442,057	197
18	29,000	8	$3,560	19	9,200					25	$12,500	125	$108,540			466,240	705,000	198
16	10,596	1	500	7	3,900	5	1,422									19,736	54,095	199
5	2,940			52	22,554			4	512	30	16,848			17	$2,652	78,338	153,150	200
64	108,614	2	1,456	118	81,012	1	312	3	670	1	400					803,978	1,299,319	201
71	68,093			216	87,944	2	50			1	10					441,911	810,159	202
12	7,820			16	7,200					2	250					8,997	28,621	203
10	9,496	1	520	52	27,757	8	2,989									19,766	79,279	204
253	186,589			378	239,586	8	1,873	9	1,552	4	1,550					161,790	875,657	205
18	21,200			872	615,122	404	159,825			1,556	1,009,244	1,149	383,935			514,148	3,048,966	206
31	18,318	6	3,700	263	143,269					1	60					201,362	457,228	207
23	20,820	3	2,340	72	41,004	10	4,176	2	312	9	7,700	2	600			321,948	532,710	208
92	83,400	6	3,245	440	205,869	13	4,283	29	5,541	57	25,430			2	40	1,170,702	1,958,636	209
49	44,523			238	126,277			6	962	7	2,930					121,616	491,309	210
49	40,783			418	164,511	381	96,467	24	2,361	15	4,035	24	5,523	3	100	789,310	1,299,506	211
357	413,663	18	10,193	3,425	1,825,556	333	88,967	58	9,714	240	100,209	68	14,660	2	336	11,125,601	15,428,884	212

instrument cases, 2; kaolin and other earth grinding, 2; kindling wood, 1; lapidary work, 1; lasts, 2; leather, dressed skins, 1; liquors, vinous, 2; mats and matting, 1; nets and seines, 1; oil, castor, 1; oil, resin, 1; paper goods, not elsewhere specified, 1; paper patterns, 2; pens, fountain and stylographic, 1; photographic apparatus, 2; photographic materials, 2; plated and britannia ware, 2; pocketbooks, 2; pulp goods, 1; racking hose, 1; registers, car fare, 1; registers, cash, 1; rules, ivory and wood, 2; safes and vaults, 1; salt, 1; screws, machine, 1; starch, 1; steam packing, 2; taxidermy, 2; tinfoil, 1; typewriters and supplies, 1; vault lights and ventilators, 4; watch and clock materials, 1; whips, 2; wire, 1; woodenware, not elsewhere specified, 2; zinc, 2.

BY COUNTIES.

28878	27,086,400	3,102	1,563,014	213795	116,890,314	23,689	6,928,495	4,973	720,182	28087	15,706,156	9,221	2,563,656	453	64,462	529,019,089	908,640,260	1
581	471,640	30	12,994	3,454	1,586,301	423	95,579	236	30,747	491	305,989	142	27,650	4	400	6,193,675	11,096,145	2
114	93,644	29	11,174	662	325,036	19	4,813	14	1,008	36	21,268					1,411,726	2,311,683	3
8	4,279			32	9,388	2	414	3	125							39,796	67,081	4
69	45,885	6	2,595	218	111,482	22	4,190			158	68,008	4	745			544,329	908,335	5
19	8,374			52	13,188	1	115	17	2,543	5	1,000					47,735	96,682	6
100	58,976			330	118,959	17	2,392	12	450	13	3,786	6	1,816			382,576	703,847	7
11	4,765			19	3,908											29,334	43,343	8
66	35,039	3	556	182	68,606	9	1,275	11	883	4	1,612	1	312			317,650	491,089	9
73	46,746			324	129,195	2	223	38	4,608	23	11,323	3	1,420			612,589	901,340	10
152	92,247	27	10,150	769	322,877	156	26,775	27	1,623	42	22,288					604,500	1,322,443	11
85	52,624	4	1,248	403	154,733	17	3,428	14	1,761	15	7,160	3	960	2	40	432,080	803,815	12
53	20,052			124	27,217	4	716	1	75	7	1,450					294,823	469,467	13
16	7,840			142	38,528	4	560			1	8					129,499	215,347	14
32	15,882			136	34,239			3	258	14	2,816					521,171	641,895	15
119	87,992	17	9,524	697	292,142	45	6,325	9	785	99	52,565	46	9,851			704,787	1,347,109	16
17739	18,874,418	2,196	1,169,653	147165	86,268,176	17,962	5,627,087	2,374	436,884	18911	10,868,779	5,801	1,736,784	188	41,661	411,094,433	667,971,106	17
48	16,102			161	34,055	1	120	3	233	1	50					166,667	266,729	18
10	5,806			79	12,963	1	156									106,335	144,440	19
166	121,763	18	8,980	631	281,845	141	13,446	5	773	8	3,124					1,007,738	2,071,453	20
39	22,987			193	68,536	1	400	1	78	12	5,330	1	520	1	104	93,458	230,199	21
62	32,728			109	37,866	5	762	2	283	6	1,366			2	104	128,429	263,996	22
73	38,362			201	91,580	3	764	3	468	8	4,300	1	200			381,856	642,772	23
40	19,094	1	156	207	55,238			4	194	1	350					178,528	314,841	24
15	4,910			58	12,106	15	1,125	11	361	1	30	4	270	4	180	53,573	90,741	25
40	16,498	1	350	241	79,588	1	260	2	50			2	150			309,445	455,423	26
38	18,164	2	335	152	45,704	16	2,371	9	932	5	1,000					180,425	328,776	27
21	11,398	1	200	103	26,062	3	240	30	260	183	9,648	180	4,360	90	1,290	81,947	212,243	28
31	11,994	1	316	50	11,057	1	60	2	80	5	135					99,163	141,319	29
247	197,968	30	10,858	942	409,869	74	14,234	20	2,330	421	131,707	234	44,942	16	997	1,535,879	2,047,669	30
12	5,380			85	24,447											91,429	179,652	31
54	31,054			377	134,043	25	1,869	18	2,200	31	7,091					321,738	616,669	32
27	25,933	4	1,565	154	67,992	8	1,703	7	385	33	17,686					259,884	447,568	33
14	4,205			38	6,056	3	240	1	120							17,902	38,256	34
71	43,896			250	89,513	46	14,418	16	1,992	50	16,780	1	120	2	40	650,366	989,035	35
9	3,740			29	7,075			1	144							58,569	81,906	36
10	4,524			32	9,695	1	216	3	287							39,474	55,391	37
63	47,413	3	1,218	1,053	506,158	7	1,780	2	350	18	5,495			1	40	780,974	1,644,531	38
41	24,227			293	94,337	3	744	2	124	2	100					131,192	232,200	39
36	21,317			276	113,890			6	540	10	4,928					591,896	874,424	40
30	12,824			86	16,342			2	200	2	195					71,965	125,519	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Livestock.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
42	Jefferson	30	$354,035	$201,450	$13,485	$52,825	$135,140	$152,585	$9,218	732	$337,460
43	Jersey	39	191,229	128,461	15,665	32,625	80,171	62,768	9,247	122	37,110
44	Jo Daviess	113	861,766	455,068	81,900	172,325	200,843	406,698	64,779	757	278,050
45	Johnson	16	60,372	47,160	11,745	6,090	29,325	13,212	1,518	86	23,280
46	Kane	350	12,814,323	6,153,200	853,406	2,238,074	3,061,720	6,661,123	739,960	8,650	4,688,838
47	Kankakee	135	1,100,151	688,341	153,760	287,408	247,173	411,810	77,646	862	417,073
48	Kendall	37	2,716,190	356,825	27,325	161,400	168,100	2,359,365	178,337	512	307,535
49	Knox	171	1,875,204	1,000,522	189,930	238,238	572,354	874,682	75,102	1,608	810,147
50	Lake	104	1,264,304	908,633	201,613	349,200	357,820	355,671	51,399	725	335,721
51	Lasalle	499	6,515,649	3,731,979	855,764	1,343,390	1,532,825	2,783,661	457,352	5,574	2,744,858
52	Lawrence	38	78,695	58,889	5,277	16,958	36,654	19,806	5,005	124	26,140
53	Lee	108	1,414,293	914,017	153,090	393,650	367,277	500,276	59,080	1,261	572,349
54	Livingston	82	250,105	160,281	26,895	61,075	72,311	89,824	17,117	273	119,802
55	Logan	64	379,186	165,416	20,065	44,420	100,931	213,770	38,041	349	150,625
56	McDonough	98	670,595	363,256	44,723	175,972	142,561	307,339	36,307	610	246,471
57	McHenry	106	705,997	484,596	50,988	207,100	226,508	221,401	54,330	435	217,301
58	McLean	246	3,096,942	1,601,086	230,405	667,032	703,649	1,495,856	237,830	2,763	1,338,415
59	Macon	263	2,836,747	1,272,444	274,364	411,298	586,872	1,564,303	299,471	2,165	975,071
60	Macoupin	156	612,102	356,045	39,155	109,585	207,325	256,057	41,014	587	220,283
61	Madison	234	2,667,288	1,330,800	177,913	534,883	618,004	1,336,488	226,806	2,841	1,280,388
62	Marion	73	409,802	321,065	35,125	111,760	174,180	88,737	17,414	546	256,089
63	Marshall	69	329,684	169,759	18,360	55,454	95,945	159,925	27,648	281	102,023
64	Mason	40	158,264	103,030	20,765	20,500	61,765	55,234	10,122	127	50,674
65	Massac	18	290,120	162,370	17,325	49,370	95,675	127,750	18,196	355	108,112
66	Menard	34	122,515	71,635	8,300	16,250	47,085	50,880	8,035	100	37,314
67	Mercer	73	174,032	94,461	12,830	30,115	51,516	79,571	12,368	164	62,154
68	Monroe	15	244,207	120,715	12,275	46,800	61,640	123,492	46,984	91	40,044
69	Montgomery	109	1,407,060	485,411	48,734	133,600	303,077	921,649	80,017	1,193	435,212
70	Morgan	232	1,640,843	767,704	125,560	210,336	431,808	873,139	148,753	1,420	603,567
71	Moultrie	29	86,395	49,590	4,335	14,130	31,125	36,805	4,047	94	28,702
72	Ogle	58	285,583	192,882	21,450	71,775	99,657	92,701	21,225	234	100,085
73	Peoria	622	15,623,547	10,522,896	1,435,923	2,811,218	6,275,755	5,100,651	24,507,454	8,239	4,529,874
74	Perry	20	216,081	138,447	16,650	57,750	64,047	107,634	13,673	156	56,007
75	Piatt	26	170,812	98,215	11,150	36,550	50,515	72,597	13,873	156	60,040
76	Pike	75	473,759	256,836	21,240	83,972	151,624	216,923	31,958	412	151,210
77	Pope	21	41,657	32,495	3,275	10,295	18,925	9,162	2,498	65	18,542
78	Pulaski	10	197,853	123,358	51,535	10,890	60,933	74,495	9,168	174	55,633
79	Putnam	13	15,560	9,125	350	3,230	5,545	6,435	1,288	39	9,768
80	Randolph	60	936,978	397,061	31,277	123,715	242,069	539,917	108,696	424	160,062
81	Richland	36	138,780	102,095	8,925	17,030	76,140	36,685	11,144	168	42,342
82	Rock Island	312	12,509,319	3,728,482	775,925	1,585,879	1,366,678	8,780,837	930,659	6,630	3,208,408
83	St. Clair	353	7,042,607	3,455,198	508,625	1,092,341	1,854,232	3,587,409	1,110,146	5,099	2,452,656
84	Saline	23	87,610	64,340	16,140	8,215	39,985	23,270	6,514	107	28,895
85	Sangamon	448	4,265,547	2,458,953	451,296	751,212	1,256,445	1,806,594	342,408	4,183	2,118,198
86	Schuyler	41	141,319	91,035	16,345	25,260	49,430	50,284	9,609	169	48,193
87	Scott	23	85,420	63,915	11,290	17,975	34,650	21,505	3,962	56	13,931
88	Shelby	74	265,762	203,040	35,660	69,455	97,925	62,722	21,081	293	83,589
89	Stark	31	70,916	48,950	8,725	19,575	20,650	21,966	3,600	73	22,909
90	Stephenson	176	1,496,099	900,718	160,150	343,522	397,046	595,381	142,549	1,360	602,307
91	Tazewell	180	2,143,240	608,262	95,980	213,420	298,862	1,534,978	1,897,486	1,204	545,390
92	Union	35	179,647	108,840	25,930	21,665	61,245	70,807	11,666	272	76,852
93	Vermilion	201	1,171,426	602,696	105,025	167,175	330,496	568,730	116,607	1,701	461,755
94	Wabash	26	201,645	147,385	19,175	40,205	88,005	53,660	12,967	245	80,287
95	Warren	71	1,581,278	331,564	24,045	139,876	167,643	1,249,714	114,033	678	342,307
96	Washington	90	301,586	198,713	16,750	69,360	112,603	102,873	17,669	316	97,207
97	Wayne	29	156,084	93,451	11,000	18,430	64,021	62,633	12,457	194	56,475
98	White	43	346,218	171,290	20,850	36,300	114,140	174,928	24,551	305	109,430
99	Whiteside	149	1,682,854	784,274	140,855	270,045	373,374	898,580	228,534	1,380	673,165
100	Will	385	11,105,307	5,291,844	689,405	1,747,065	2,855,374	5,813,463	615,294	4,000	2,349,082
101	Williamson	25	77,305	58,060	14,115	9,615	34,330	19,245	3,410	105	22,012
102	Winnebago	288	8,265,637	3,466,945	702,637	1,002,164	1,762,144	4,798,692	584,044	5,551	2,619,325
103	Woodford	39	152,383	77,080	12,465	28,100	36,515	75,303	8,424	185	60,926

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
31	$10,658	2	$300	692	$325,266	4	$958	1	$100	2	$178					$851,585	$1,685,227	42
24	10,535			88	24,064					10	2,520					167,824	230,480	43
113	80,425	8	2,221	401	146,508	92	22,702	10	1,240	34	11,044	95	$13,706	4	$204	505,053	979,225	44
10	4,271			70	18,438	2	100			4	480					71,847	115,420	45
504	510,762	73	33,974	4,536	2,470,657	627	221,764	172	19,916	1,676	1,071,859	1,057	358,706	5	1,200	12,353,459	19,153,718	46
143	106,814	20	10,050	601	282,835	69	12,255	8	868	6	1,325	15	2,926			498,342	1,205,421	47
158	107,610	1	1,000	341	196,110	10	2,040	2	175							666,250	1,404,736	48
215	152,180	24	9,720	1,083	555,535	84	22,396	4	455	174	66,308	24	3,553			949,554	2,142,831	49
135	89,568	9	3,140	486	212,728	18	4,626	25	3,992	50	21,267	2	400			2,044,113	2,689,885	50
550	402,115	52	19,316	3,870	1,934,088	220	46,072	368	46,496	437	270,363	70	25,578	7	830	3,457,432	7,821,617	51
29	9,250			88	15,931	3	305	2	50	2	610					135,989	194,993	52
97	74,246	9	4,660	686	329,362	91	24,291	9	1,216	223	99,200	122	35,072	24	4,302	1,758,106	2,661,603	53
63	43,385	1	120	188	71,819	5	1,538	9	1,114	7	1,886					127,999	333,546	54
55	39,573	1	150	236	99,905	7	1,540	30	2,989	20	6,468					374,336	660,383	55
88	45,860	2	1,120	451	178,743	15	3,011	15	1,440	39	16,297					277,707	715,333	56
112	72,336	1	260	301	140,629	6	950	5	200	8	2,086	2	300			1,149,047	1,646,156	57
357	270,667	21	9,042	1,882	887,512	131	24,952	35	3,685	268	127,430	40	12,480	29	2,647	2,133,213	4,317,927	58
356	259,700	11	5,428	1,389	577,915	43	12,036	63	6,134	215	100,712	83	12,561	5	585	1,742,317	3,656,584	59
132	74,229	11	8,256	356	121,482	31	4,497	24	2,443	27	9,025	6	350			863,228	1,252,681	60
248	202,454	18	7,476	1,686	685,421	27	5,322	279	33,736	522	338,284	59	7,370	2	325	4,318,909	6,512,177	61
41	18,066	2	572	455	227,793	5	1,048	6	705	37	7,905					331,002	683,970	62
60	30,718			149	55,126	59	13,550	3	600	10	2,029					163,365	316,560	63
22	11,587	1	152	101	38,539			2	156	1	240					192,813	281,489	64
25	16,071			312	87,628			7	663	6	2,400			5	750	319,175	536,990	65
23	11,352			64	23,792			6	750	6	1,120	1	300			111,510	184,047	66
55	27,548	3	1,100	99	30,606	3	1,050			3	1,350	1	500			98,536	208,224	67
14	11,738			77	29,206											509,675	659,159	68
96	61,281	11	4,870	953	345,399	54	8,926	19	1,972	9	4,020	11	2,504	40	6,240	2,012,535	2,774,784	69
237	149,681	47	16,551	687	308,663	211	50,687	35	3,703	140	69,282	63	5,000			1,0[illegible]6,063	2,145,897	70
23	9,552			70	18,890					1	260					77,637	141,977	71
52	33,009			166	63,951	15	3,035			1	90					356,882	542,988	72
841	782,619	106	56,792	5,318	3,001,606	701	158,779	151	23,400	687	413,580	428	91,916	7	1,182	10,235,041	56,063,725	73
19	10,742			112	40,625	7	1,080	1	150	17	3,470					224,653	365,181	74
21	14,871	2	500	125	42,958	4	1,012	2	208	2	500					115,606	231,228	75
70	39,824	1	312	288	99,175	20	4,382	6	550	26	6,717	1	250			1,105,125	1,444,714	76
19	8,039			44	10,273	1	180	1	50							52,850	88,933	77
9	6,283	1	1,100	154	47,500			10	750							151,557	251,614	78
11	4,578			26	5,040					2	150					10,336	24,333	79
79	48,227			259	94,293	9	1,035	2	99	49	15,904	24	480	2	24	1,509,415	2,010,401	80
29	10,863	1	130	129	28,304	1	65			8	2,980					214,863	296,622	81
454	430,706	29	13,141	4,765	2,104,869	282	59,351	35	2,189	1,039	591,387	20	6,141	6	624	5,315,486	11,331,455	82
409	233,957	24	9,214	4,218	1,926,915	61	11,232	80	6,707	292	158,594	15	6,037			12,286,040	17,361,219	83
18	8,141			88	20,650			1	104							120,230	183,180	84
396	359,248	74	30,125	2,613	1,321,416	269	63,645	28	3,762	491	259,534	310	80,392	2	76	3,962,130	7,216,580	85
36	16,440			119	29,937	10	1,000			1	336	3	480			181,618	281,381	86
18	7,786			37	5,645					1	500					62,095	91,724	87
75	31,828			203	50,445	5	430	9	636	1	250					238,970	390,454	88
19	8,743	4	1,190	41	11,304	9	1,672									53,035	99,045	89
196	141,574	24	10,006	891	394,724	78	9,251	44	3,147	118	41,557	7	1,648	2	400	1,401,682	2,507,287	90
184	136,926	17	5,230	869	350,980	33	7,388	28	3,028	70	40,988	3	1,350			1,478,521	4,373,651	91
21	11,439	1	416	194	54,090	1	312	19	1,564	28	7,805	5	1,000	3	217	270,599	450,271	92
199	118,800	17	9,193	792	255,545	295	27,532	268	10,006	91	33,674	39	6,996			1,141,311	2,059,784	93
21	12,889			119	44,950	1	208	10	1,190	55	14,850	39	6,200			257,256	394,444	94
90	70,699	9	2,941	431	197,822	36	7,643	18	1,687	94	61,515					436,391	1,015,055	95
75	27,914			214	62,351	5	292	5	200	17	6,450					616,629	802,628	96
22	10,143			106	34,170	56	10,787	3	195	7	1,180					141,673	241,097	97
47	27,556	1	300	245	79,781	4	660	8	1,133							426,752	641,317	98
200	142,900	9	3,549	1,059	490,532	35	9,970	25	5,210	40	18,697	12	2,307			1,517,617	2,793,333	99
375	311,635	31	16,474	3,296	1,921,984	106	25,254	82	10,154	109	63,061	1	520			10,321,944	14,902,690	100
20	6,304			75	14,838	7	400	2	320	1	150					69,951	118,511	101
380	314,394	50	21,891	3,764	1,870,182	780	204,980	79	14,223	284	147,122	234	46,533			4,610,943	9,632,703	102
43	19,792			128	37,868	3	884	8	582	3	1,200					91,691	218,827	103

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
1	All industries	12,354	$131,605,366	$62,623,201	$11,327,139	$20,252,707	$31,043,355	$68,982,165	$16,500,993	124,349	$51,749,976
2	Agricultural implements	54	6,842,456	1,474,179	263,566	599,805	610,808	5,368,277	629,381	3,394	1,765,637
3	Awnings, tents, and sails	4	9,764	3,490	1,000	1,500	990	6,274	3,100	21	9,200
4	Bagging, flax, hemp, and jute	3	330,687	194,000	7,000	25,000	162,000	136,687	5,804	372	103,583
5	Baking and yeast powders	9	38,650	4,795	.....	.....	4,795	33,855	4,781	37	17,133
6	Baskets and rattan and willow ware	9	15,700	9,735	420	5,050	4,265	5,965	2,163	78	27,371
7	Belting and hose, leather	3	58,100	28,500	15,000	8,000	5,500	29,600	2,015	17	13,990
8	Bicycle and tricycle repairing	3	1,480	1,050	.....	.....	1,050	430	304	10	5,029
9	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,211	1,005,169	609,601	218,727	244,420	146,454	395,568	64,344	1,808	785,870
10	Bookbinding and blank-book making. (See also Printing and publishing.)	12	121,210	79,600	20,000	23,000	36,600	41,610	10,406	135	57,658
11	Boots and shoes, custom work and repairing.	667	385,344	253,558	96,300	104,618	52,640	131,786	52,509	1,014	419,779
12	Boots and shoes, factory product	6	98,065	39,645	2,300	13,500	23,845	58,420	3,768	186	67,205
13	Bottling. (See also Liquors, malt; Mineral and soda waters.)	13	130,800	84,030	25,700	31,800	26,530	46,770	5,932	73	39,946
14	Boxes, cigar	5	18,420	11,200	2,300	2,800	6,100	7,220	1,469	50	14,080
15	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	8	27,400	15,125	1,500	3,900	9,725	12,275	2,584	114	26,463
16	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	9	85,185	50,055	13,620	17,760	18,675	35,130	5,199	147	54,735
17	Brass castings and brass finishing	5	22,364	7,425	.....	500	6,925	14,939	3,518	40	10,147
18	Bread and other bakery products	264	795,325	583,204	189,867	241,367	151,970	212,121	84,306	1,025	504,420
19	Brick and tile. (See also Clay and pottery products.)	764	3,181,744	2,067,451	628,463	691,525	747,463	1,114,293	175,084	6,137	1,317,120
20	Brooms and brushes	59	106,617	46,522	7,310	22,480	16,732	60,095	9,940	342	101,670
21	Carpentering	524	1,161,473	362,313	123,720	123,970	114,623	799,160	727,480	3,357	1,762,660
22	Carpets, rag	29	11,069	6,777	1,400	1,885	3,492	4,292	2,634	52	10,591
23	Carriage and wagon materials	38	1,626,476	697,903	100,450	193,317	404,136	928,573	100,748	1,926	700,038
24	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	394	10,458,432	2,831,357	919,911	1,375,186	536,260	7,627,075	520,414	5,048	2,284,807
25	Cars and general shop construction and repairs by steam railroad companies.	48	3,929,805	2,189,801	355,750	1,093,135	740,916	1,740,004	.....	6,729	3,308,251
26	Cars, steam railroad, not including operations of railroad companies.	4	5,199,706	1,971,530	329,430	905,650	736,450	3,228,176	150,782	3,344	1,587,021
27	Cheese and butter, urban dairy product.	3	9,925	5,850	800	1,000	4,050	4,075	1,165	25	10,822
28	Cheese, butter, and condensed milk, factory product.	52	129,414	94,325	8,183	45,595	40,547	35,089	5,888	187	70,747
29	Chemicals. (See also Fertilizers; Paints; Varnish.)	6	162,724	77,275	12,500	36,700	28,075	85,449	43,571	138	85,902
30	Clay and pottery products. (See also Brick and tile.)	20	266,020	147,150	38,950	73,500	34,700	118,870	18,598	359	165,164
31	Clothing, men's, custom work and repairing.	346	1,278,951	274,291	95,115	133,660	45,516	1,004,660	124,870	2,408	1,213,622
32	Clothing, men's, factory product	22	1,115,219	141,046	39,300	39,000	62,746	974,173	120,830	1,945	518,908
33	Clothing, women's, dressmaking	434	171,874	110,417	31,700	42,325	36,392	61,457	44,181	1,636	408,520
34	Clothing, women's, factory product	3	18,360	4,260	500	700	3,060	14,100	1,188	56	13,944
35	Coffee and spice, roasting and grinding.	12	485,235	194,896	33,500	79,000	82,396	290,339	16,825	124	76,794
36	Coffins and burial cases, trimming and finishing.	39	90,222	23,785	7,235	10,050	6,500	66,437	5,710	59	36,405
37	Coffins, burial cases, and undertakers' goods.	8	807,144	270,260	62,149	136,000	72,111	536,884	56,677	387	199,796
38	Coke	3	48,930	48,700	1,500	2,500	44,700	230	290	22	8,164
39	Confectionery	74	594,899	248,395	65,250	83,500	99,645	346,504	109,560	812	332,902
40	Cooperage	170	973,169	362,920	103,485	128,025	131,410	610,249	104,622	2,139	848,043
41	Corsets	4	23,510	3,700	.....	.....	3,700	19,810	1,200	26	7,735
42	Cotton goods. (See also Hosiery and knit goods.)	6	1,744,720	1,158,447	39,500	413,677	705,270	586,273	73,941	1,325	332,676
43	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	14	235,166	147,980	30,400	45,800	71,780	87,186	15,978	199	113,674
44	Dentistry, mechanical	67	63,682	35,404	8,345	6,090	20,969	28,278	8,391	80	41,751
45	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	4	4,075	350	.....	.....	350	3,725	562	9	4,522
46	Dyeing and cleaning	28	33,789	25,455	9,000	6,750	9,705	8,334	7,753	99	45,015
47	Electroplating	4	18,650	13,150	1,500	2,500	9,150	5,500	2,211	24	11,373
48	Engraving, wood	5	6,531	3,160	.....	.....	3,160	3,371	1,034	19	11,971
49	Fancy articles, not elsewhere specified	4	10,500	1,000	.....	.....	1,000	9,500	891	35	10,893
50	Fertilizers. (See also Chemicals.)	5	86,120	23,050	6,500	8,650	7,900	63,070	7,215	32	10,692
51	Flouring and grist mill products	723	10,022,173	7,083,517	893,408	1,985,025	4,205,084	2,938,656	723,134	3,640	1,606,892

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12731	$8,742,523	1,028	$430,195	82,650	$34,068,840	6,847	$1,429,496	2,968	$375,257	12310	$5,661,209	5,468	$1,008,791	347	$33,665	$130,119,106	$226,825,082	1
307	320,875	9	3,340	2,042	927,770	28	5,718	73	11,569	935	496,359					2,306,390	5,756,131	2
6	4,814			5	2,720	10	1,666									11,457	29,545	3
7	6,681			147	52,850	173	38,202	45	5,850							313,126	497,653	4
9	5,854			18	9,328	10	1,956									49,897	100,260	5
9	5,660	1	835	22	10,436			15	2,340	11	3,628	20	4,472			13,110	46,920	6
7	5,450			10	8,540											69,548	98,100	7
5	2,184			5	2,915											1,015	6,900	8
1,050	493,300			700	275,509	1	50	13	2,035	44	14,976					423,565	1,537,702	9
14	14,248	2	800	52	29,140	44	9,336	16	2,634			7	1,500			56,697	142,700	10
513	228,690	2	431	272	108,752	11	2,144	8	899	200	76,625	6	2,138	2	100	288,427	888,564	11
12	9,976	1	150	115	42,207	40	9,290	3	202	9	4,320	6	1,060			90,157	179,936	12
14	12,814	1	600	57	26,272	1	260									133,320	221,965	13
6	4,576			12	4,296	18	2,405	7	983			7	1,820			18,783	39,660	14
4	2,765	2	860	23	8,743	30	6,574	3	312			52	7,209			26,866	67,306	15
12	9,306			82	30,846	30	3,456	7	827	16	10,300					110,498	179,784	16
10	5,840			30	13,307											36,683	62,236	17
253	178,415	32	8,448	651	300,480	72	15,123	17	1,953							1,342,263	2,262,818	18
535	180,913	3	750	4,997	1,016,862	10	709	189	16,089	381	99,807	4	280	18	1,710	449,195	2,829,033	19
53	22,791			138	49,062	55	10,015	44	6,028	36	11,309	16	2,465			184,914	352,885	20
472	321,899	3	618	2,826	1,423,934	4	458	11	708	41	15,049					2,899,350	6,162,181	21
20	8,077	8	2,367	8	2,948	4	925			7	1,650	5	624			11,749	36,048	22
67	61,622	3	1,284	1,728	601,153	9	2,150	55	7,718	64	26,105					1,137,132	2,262,810	23
509	371,692	26	11,893	3,728	1,578,399	50	14,284	31	5,182	691	300,930	8	2,427			3,671,302	8,248,873	24
115	93,363	1	600	5,682	2,925,327	13	4,242	2	385	916	344,334					3,904,281	7,289,382	25
33	50,400	1	480	2,585	1,307,621			65	12,120	660	216,400					4,924,842	7,073,329	26
4	2,860			16	7,462					5	500					39,925	54,750	27
32	14,327			143	51,245	4	1,175			8	4,000					299,599	402,556	28
23	35,115			62	31,907	51	18,208			2	672					161,031	337,298	29
32	30,787			245	110,994	41	8,058			27	13,141	14	2,184			65,456	313,421	30
320	246,336	8	4,610	382	235,688	232	58,294	9	1,380	1,017	550,309	433	115,339	7	1,666	1,279,690	3,098,316	31
65	68,040	6	2,850	113	59,813	227	64,124	13	3,010	117	30,585	1,402	290,376	2	200	1,611,258	2,570,179	32
2	2,780	416	177,460	5	1,960	1,135	216,271	4	392			74	9,657			490,330	989,700	33
3	1,500	2	504	3	2,944	9	1,300	4	416			35	7,280			15,157	34,666	34
41	42,920	2	600	50	25,868	28	6,806					3	600			1,337,690	1,523,010	35
41	27,903			18	8,502											115,449	180,598	36
42	36,570			297	141,157	19	4,229			27	17,362	2	478			234,104	591,709	37
				18	6,900					4	1,264					20,133	25,922	38
142	104,162	21	6,260	305	149,479	187	41,019	26	4,410	15	5,212	112	21,960	4	400	1,035,596	1,897,782	39
131	83,107			1,046	401,926			53	6,431	904	355,767			5	812	1,729,147	2,958,197	40
3	3,300	2	768	3	941	15	2,326					3	400			4,550	23,900	41
16	22,334			325	123,728	616	135,170	235	26,544			133	24,900			919,566	1,350,425	42
18	16,350			140	76,652	2	390			39	19,682					68,799	244,975	43
70	38,311			10	3,440											21,698	81,334	44
6	3,230			1	780	2	312									5,280	10,460	45
20	14,894	5	2,087	37	19,820	34	7,852	2	312	1	50					13,036	79,612	46
3	2,456			19	8,760			1	52	1	104					7,905	24,516	47
5	4,821			13	6,800			1	350							1,079	15,800	48
2	3,780	1	638	5	1,750	21	4,210					6	520			13,850	33,600	49
6	7,130			26	9,462											156,945	216,812	50
844	516,548	11	4,130	2,716	1,064,132	14	3,241	7	900	47	17,016	1	25			26,603,127	31,239,627	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
52	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	206	$9,163,357	$3,857,508	$795,910	$1,268,226	$1,793,372	$5,305,849	$400,140	6,417	$3,245,485
53	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	11	419,253	168,366	22,066	80,600	65,700	250,887	29,811	2,020	181,098
54	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	90	142,132	65,420	15,375	28,750	21,295	76,712	13,959	234	108,945
55	Furniture, chairs	25	560,438	253,401	53,731	122,224	77,446	307,037	41,590	1,191	374,811
56	Furniture, factory product	106	5,247,154	1,805,492	329,077	753,541	722,874	3,441,662	447,672	5,305	2,386,793
57	Gas, illuminating and heating	33	3,014,226	2,759,175	134,100	249,300	2,375,775	255,051	110,120	334	201,035
58	Glass	21	3,556,563	2,625,300	195,000	879,794	1,550,506	931,263	360,384	3,089	1,544,831
59	Glue	3	93,815	28,170	.....	.....	28,170	65,645	10,350	66	29,944
60	Grease and tallow. (See also Soap and candles.)	8	37,433	12,425	700	2,200	9,525	25,008	5,534	36	19,099
61	Hairwork	4	2,095	140	.....	.....	140	1,955	1,060	13	4,050
62	Hand stamps	5	10,800	5,800	.....	.....	5,800	5,000	1,717	17	8,575
63	Hay and straw, baling	4	6,347	5,000	900	1,100	3,000	1,347	163	16	3,527
64	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	9	716,989	305,209	38,000	76,446	190,763	411,780	70,437	962	207,519
65	House furnishing goods, not elsewhere specified.	3	118,154	61,550	15,000	25,950	20,600	56,604	8,266	90	33,220
66	Ice, artificial	3	233,500	228,000	24,000	34,000	170,000	5,500	8,426	77	31,550
67	Iron and steel	10	2,335,116	1,320,838	153,772	220,095	946,971	1,014,278	141,600	1,816	927,011
68	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	513,979	340,482	40,660	58,313	241,509	173,497	33,079	635	175,048
69	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	19	413,292	165,486	64,550	42,100	58,836	247,806	15,129	400	208,842
70	Leather, tanned and curried	46	780,757	239,153	51,014	116,780	71,359	541,604	33,074	357	173,380
71	Lightning rods	3	157,594	21,190	1,500	7,740	11,950	136,404	5,526	48	20,263
72	Lime and cement	34	1,005,390	854,040	377,880	323,620	152,540	151,350	61,451	807	272,655
73	Liquors, distilled	17	1,626,825	833,585	110,185	352,475	370,925	793,240	4,721,785	195	83,813
74	Liquors, malt. (See also Bottling.)	37	4,589,030	2,931,418	423,590	1,423,103	1,084,725	1,657,612	1,203,239	986	702,005
75	Lock and gunsmithing	47	48,752	37,350	18,375	9,750	9,225	11,402	5,478	66	31,037
76	Looking-glass and picture frames	21	96,410	37,340	7,000	18,000	12,340	59,070	7,468	134	62,915
77	Lumber and other mill products from logs or bolts.	1,603	11,238,573	5,534,681	1,436,882	842,495	3,255,304	5,703,892	616,250	15,822	4,773,752
78	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	178	3,186,467	1,437,132	376,887	405,159	655,086	1,749,335	165,950	2,381	1,196,112
79	Marble and stone work. (See also Monuments and tombstones.)	36	218,378	98,510	29,725	15,475	53,310	119,868	12,776	340	187,473
80	Masonry, brick and stone. (See also Plastering and stuccowork.)	185	423,722	99,302	31,255	33,085	34,962	324,420	48,666	1,877	1,025,812
81	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	18	59,078	30,353	10,100	13,150	7,103	28,725	3,415	110	38,610
82	Millinery, custom work	271	495,683	150,440	67,725	67,125	15,590	345,243	70,444	927	270,355
83	Mineral and soda waters. (See also Bottling.)	35	155,184	126,300	22,900	28,750	74,650	28,884	22,900	137	60,773
84	Models and patterns	6	6,570	5,300	350	500	4,450	1,270	1,080	15	9,583
85	Monuments and tombstones. (See also Marble and stone work.)	108	354,243	98,667	45,450	36,520	16,697	255,576	26,519	400	220,910
86	Musical instruments and materials, not specified.	4	117,145	51,965	8,300	8,300	35,365	65,180	25,550	109	60,101
87	Musical instruments, organs and materials.	5	188,008	120,600	6,600	65,900	48,100	67,408	2,390	47	27,700
88	Musical instruments, pianos and materials.	3	97,590	16,550	2,000	10,000	4,550	81,040	12,019	134	65,992
89	Oil, linseed	3	286,200	99,000	12,000	37,500	49,500	187,200	18,057	53	34,560
90	Painting and paper hanging	265	399,351	121,170	55,075	36,415	29,680	278,181	45,574	1,313	724,010
91	Paints. (See also Chemicals; Varnish.)	5	36,150	14,350	1,450	4,100	8,800	21,800	5,197	41	16,391
92	Paper. (See also Pulp, wood.)	22	1,307,805	1,067,913	130,850	245,550	691,513	239,892	111,071	718	328,356
93	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	38	169,968	52,920	9,800	16,500	26,620	117,048	51,394	280	116,666
94	Paving and paving materials	21	123,310	66,036	17,009	6,075	42,952	57,274	8,692	285	88,171
95	Photography	131	188,322	128,269	17,920	24,459	85,890	60,053	38,793	324	199,477
96	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	5	15,625	8,175	425	2,150	5,600	7,450	1,268	31	9,464

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
489	$469,366	24	$11,876	5,404	$2,545,768	4	$1,395	33	$5,408	463	$211,672					$4,018,760	$9,542,499	52
31	10,765			342	54,972	377	26,981	154	5,560	111	28,275	950	$51,550	55	$3,595	581,015	885,145	53
86	49,668			113	46,494	12	2,502	5	1,191	17	8,890	1	200			99,887	271,499	54
59	50,804	4	1,750	570	223,208	50	8,728	45	6,554	197	62,931	176	17,336	90	3,500	262,875	619,805	55
333	285,300	4	1,515	3,883	1,634,572	37	7,686	141	21,230	862	411,498	40	23,157	5	1,835	3,002,264	6,842,845	56
52	55,673	3	950	279	145,012											170,023	873,750	57
67	69,680	12	6,002	1,719	631,306	135	14,611	180	19,234	914	790,798	62	13,200			865,374	2,995,409	58
5	6,900			55	22,380			6	664							65,500	131,722	59
9	7,349			27	11,750											48,518	79,281	60
2	1,540	2	400			9	2,116									2,504	9,378	61
3	2,780			12	5,337			1	208			1	250			3,644	19,379	62
4	627			12	2,900											10,330	19,250	63
26	29,421	1	300	111	46,757	133	26,150	22	2,300	170	28,000	460	70,991	39	3,600	408,195	827,104	64
9	7,720			61	21,480	10	2,520	10	1,500							54,271	123,200	65
5	3,700			72	27,850											13,025	98,178	66
50	77,123	2	1,000	1,750	846,438			14	2,450							1,871,365	3,063,853	67
11	12,070			574	155,778			50	7,200							488,372	695,083	68
46	39,653	5	1,920	328	155,281			10	2,288	11	9,700					284,383	650,676	69
36	28,764			280	118,285			1	75	39	26,216			1	40	911,834	1,241,306	70
9	7,520	1	400	33	10,538			1	145	4	1,660					67,968	120,157	71
39	24,914			758	246,163			4	428	6	1,150					235,914	778,212	72
28	22,704			167	61,109											711,111	5,840,129	73
118	185,064	3	1,234	836	510,291	13	2,688	16	3,328							1,144,062	3,837,844	74
45	22,686			20	8,126			1	225							9,699	56,848	75
25	16,359	1	416	88	42,247	12	2,563	7	1,180	1	150					62,162	177,399	76
1,325	578,149	12	2,869	13,227	3,816,730	146	34,445	258	36,831	717	285,886	93	13,752	44	5,090	10,568,376	19,964,293	77
255	191,113	4	1,625	2,073	991,626	1	234	16	1,397	32	10,117					2,722,702	4,787,974	78
47	38,394			293	149,079											223,062	508,922	79
185	143,051			1,689	882,373			2	188	1	200					1,348,792	2,716,977	80
17	10,152			40	16,913	9	2,020	27	3,401	5	3,000	2	624	10	2,500	59,735	120,773	81
20	14,233	239	105,170	3	1,714	648	147,510	12	200			5	1,528			658,591	1,178,410	82
41	27,531			79	30,816			16	2,026	1	400					46,511	174,133	83
6	5,088			9	4,495											2,484	15,280	84
118	74,214	1	600	276	144,934	1	312	1	150	3	700					353,233	780,250	85
9	6,070	4	1,600	60	33,131			5	800	31	18,500					25,678	136,636	86
7	6,300			34	18,975			4	325	2	2,100					32,150	162,573	87
8	7,650	1	300	33	26,218					77	26,400	15	5,424			84,703	179,805	88
11	16,150			40	17,660					2	750					547,319	638,938	89
259	170,756	2	510	906	477,287	11	4,440	7	1,352	128	69,665					528,757	1,506,684	90
7	2,263			29	12,928	5	1,200									99,190	139,075	91
36	35,695	3	2,136	583	269,418	73	15,584	10	1,930	11	2,954	2	639			869,490	1,582,705	92
51	40,954	4	1,158	65	34,220	78	14,809			51	20,050	29	5,350	2	125	139,061	450,644	93
22	10,570			259	75,061					4	2,540					118,222	276,744	94
130	110,649	13	6,914	114	60,587	57	18,446	3	360	5	2,078	2	443			106,755	424,359	95
5	2,656			13	5,005	11	1,723	2	80							28,280	44,730	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
97	Plastering and stuccowork. (See also Masonry, brick and stone.)	78	$52,479	$18,135	$3,710	$6,685	$7,740	$34,344	$6,664	412	$210,923
98	Plumbing and gas fitting	88	403,437	119,600	43,175	29,500	46,925	283,837	35,717	778	427,513
99	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	73	762,442	451,681	11,800	7,700	432,181	310,761	60,897	893	468,297
100	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	505	2,506,675	1,751,633	123,510	158,650	1,469,473	755,042	540,595	3,251	1,631,819
101	Pulp, wood	7	205,470	183,500	23,500	56,700	103,300	21,970	22,961	136	57,050
102	Pumps, not including steam pumps	27	306,070	96,937	22,325	30,212	44,400	209,133	22,679	213	101,936
103	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	106	283,632	113,190	39,160	33,600	40,430	170,442	23,740	427	232,249
104	Saddlery and harness	387	1,221,882	397,628	118,232	158,813	120,583	824,254	74,518	1,494	614,961
105	Scales and balances	3	16,650	2,850	.....	.....	2,850	13,800	840	19	15,136
106	Sewing machine repairing	3	925	200	.....	.....	200	725	185	4	1,484
107	Shipbuilding	11	371,860	103,545	53,850	26,400	23,295	268,315	7,722	551	253,733
108	Shirts. (See also Furnishing goods, men's.)	12	182,114	56,670	6,500	25,000	25,170	125,444	6,970	678	186,292
109	Slaughtering and meat packing, wholesale. (See also Sausage.)	12	1,694,280	565,444	80,300	406,209	78,935	1,128,836	150,369	1,173	522,042
110	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	9	3,651,975	1,128,416	63,200	543,396	521,820	2,523,559	1,207,864	1,076	635,621
111	Soap and candles. (See also Grease and tallow.)	13	180,550	117,300	12,900	55,200	49,200	63,250	13,608	119	55,400
112	Springs, steel, car and carriage	3	103,649	22,709	1,000	500	21,209	80,940	8,869	91	47,958
113	Starch	8	894,800	600,500	64,000	310,000	226,500	294,300	71,732	690	251,740
114	Stationery goods, not elsewhere specified.	4	35,691	4,928	.....	.....	4,928	30,763	2,804	58	16,743
115	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	5	142,460	59,600	17,000	25,000	17,600	82,860	6,064	87	51,896
116	Sugar and molasses, refining	42	45,998	25,680	6,190	5,850	13,640	20,318	3,988	156	14,721
117	Timber products, not manufactured at mill.	30	148,897	78,423	45,316	.....	33,107	70,474	12,862	547	168,367
118	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	247	839,912	379,382	122,960	141,255	115,167	460,530	51,252	936	433,290
119	Tobacco, cigars and cigarettes	346	732,740	176,357	67,857	69,630	38,870	556,383	248,310	1,595	683,183
120	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	5	37,425	22,075	3,300	3,200	15,575	15,350	866	44	21,964
121	Trunks and valises	8	23,520	1,470	.....	.....	1,470	22,050	5,903	47	27,203
122	Umbrellas and canes	4	1,515	240	.....	.....	240	1,275	549	6	2,237
123	Upholstery materials. (See also Woolen goods.)	8	83,203	37,711	6,150	10,713	20,848	45,492	6,446	93	44,316
124	Varnish. (See also Paints.)	3	188,858	40,421	3,640	20,371	16,410	148,437	39,717	35	33,940
125	Vinegar and cider	35	60,746	34,019	6,180	11,195	16,644	26,727	2,853	119	17,321
126	Washing machines and clothes wringers.	16	152,980	46,000	6,765	8,550	30,685	106,980	8,458	178	80,185
127	Watch, clock, and jewelry repairing. (See also Jewelry.)	164	126,760	75,660	16,250	21,100	38,310	51,100	19,308	262	143,161
128	Windmills	10	543,945	112,596	26,000	39,700	46,896	431,349	42,969	196	104,359
129	Window shades	4	6,040	170	.....	.....	170	5,870	304	9	3,520
130	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	18	189,931	48,018	4,870	17,040	26,108	141,913	41,673	91	39,381
131	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	23	917,484	419,280	29,550	127,730	262,000	498,204	36,727	609	288,045
132	Woodenware, not elsewhere specified	5	182,250	72,050	10,050	31,500	30,500	110,200	12,268	266	116,365
133	Woolen goods. (See also Felt goods; Gloves and mittens; Hosiery and knit goods.)	45	2,880,114	1,365,795	83,437	366,859	915,499	1,514,319	232,105	2,103	600,062
134	All other industries (a)	75	3,406,791	1,482,288	236,820	500,919	744,549	1,924,503	289,194	3,016	1,390,433

a Embraces artificial limbs, 2; artists' materials, 1; bellows, 1; bells, 1; bicycles and tricycles, 1; bluing, 2; boot and shoe uppers, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cleansing and polishing preparations, 1; clothing, horse, 1; electrical apparatus and supplies, 2; engraving and diesinking, 1; felt goods, 1; files, 1; flavoring extracts, 2; food preparations, 2; furnishing goods, men's, 2; gas and lamp fixtures, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 2; hardware, 1; hats and caps, not including wool hats, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; jewelry, 2; liquors, vinous, 1; malt, 2; mats and matting, 1; millinery and lace goods, 1; mucilage

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
68	$46,052			339	$163,271					5	$1,600					$145,846	$429,609	97
118	96,888	2	$1,080	646	326,530			6	$1,240	6	1,775					666,270	1,305,985	98
111	110,152	5	1,936	595	307,656	133	$36,215	33	4,693	16	7,645					369,580	1,059,962	99
573	471,249	45	17,187	1,747	847,732	300	79,918	261	28,992	284	175,291	36	$11,450			774,429	3,589,513	100
10	7,530			126	49,520											63,830	187,311	101
44	33,516	1	156	161	67,177			1	50	6	1,037					182,978	421,870	102
84	59,074	4	1,190	328	170,470	2	260	9	1,255							371,596	720,885	103
315	180,406	2	750	766	311,463	2	260	21	2,736	388	119,346					991,289	1,967,951	104
5	6,424	1	250	13	8,462											3,748	26,840	105
2	820			2	664											570	2,350	106
8	6,794			543	246,639											204,229	551,640	107
12	10,096	5	1,250	35	21,084	47	13,268					579	140,594			253,711	518,615	108
59	45,859	4	960	959	440,843	100	24,640	34	5,184			17	4,556			5,878,918	6,924,291	109
79	92,740			997	542,881											18,546,552	20,989,639	110
33	24,694	3	1,800	64	24,966	8	2,470	9	1,270					2	$200	198,097	325,262	111
7	6,720	2	650	27	13,800					50	26,000			5	780	79,615	179,906	112
32	33,045			521	190,289	89	20,840	22	1,931	3	575	23	5,060			1,062,221	1,580,543	113
7	5,020	1	500	13	5,356	33	5,261					4	606			37,008	65,957	114
9	13,648	1	200	77	38,048											43,979	127,400	115
31	5,542			99	8,440	13	467	13	272							166,204	260,302	116
11	4,905			353	115,522					183	47,940					59,525	313,730	117
201	123,222	6	2,226	573	281,764	5	1,050	92	10,319	59	14,709					671,534	1,431,396	118
301	172,099	3	1,585	265	93,796	40	7,884	62	8,826	677	342,977	217	52,225	30	3,791	671,665	1,835,712	119
6	4,900			23	10,490			1	156	14	6,418					11,319	36,800	120
8	8,980			32	16,512					7	1,710					24,785	68,925	121
2	1,400			2	612	2	225									4,887	7,790	122
10	9,970	1	300	65	25,760	6	1,584	2	200	9	6,502					78,813	161,642	123
11	16,100			24	17,840											154,975	299,401	124
22	5,567			88	11,439	6	259	3	56							48,593	92,892	125
30	17,429	1	400	115	49,766			4	450	28	12,140					131,238	294,130	126
113	64,186			142	76,194	1	500	1	156	5	2,125					51,454	267,634	127
32	23,550	2	1,150	149	72,074	3	1,645			10	5,940					201,710	517,714	128
				6	2,740	3	780									6,500	11,500	129
18	14,652	4	2,050	59	21,439			5	1,040			5	200			218,380	329,785	130
30	23,261	2	700	495	239,993	22	4,120	18	1,750	42	18,221					351,380	913,524	131
10	16,050			192	75,614	12	2,500	19	3,001	31	18,850	2	350			100,135	324,793	132
99	83,442	7	2,887	774	268,334	752	151,845	108	10,389	18	4,912	343	77,953	2	300	1,850,809	2,989,182	133
156	164,978	12	6,974	1,983	948,621	186	32,888	221	39,052	379	180,860	55	13,639	24	3,421	2,910,211	5,344,109	134

and paste, 1; oil, essential, 1; optical goods, 2; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 2; photographic materials, 1; printing and publishing, music, 1; refrigerators, 2; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sausage, 1; saws, 2; sewing machine cases, 2; show cases, 1; soda water apparatus, 2; stamped ware, 1; stereotyping and electrotyping, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 1; tobacco, stemming and rehandling, 1; toys and games, 2; wheelbarrows, 2; wire, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY INDIANA—Continued.

BY COUNTIES.

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
1	The State	12,354	$131,605,366	$62,623,201	$11,327,139	$20,252,707	$31,043,355	$68,982,165	$16,500,903	124,349	$51,749,976
2	Adams	168	517,917	308,726	63,283	75,630	169,813	209,191	40,016	797	227,157
3	Allen	342	7,710,073	3,191,088	757,182	1,147,894	1,286,012	4,518,985	366,383	6,724	2,901,644
4	Bartholomew	145	1,724,838	633,897	83,145	176,685	374,067	1,090,941	202,134	1,157	506,627
5	Benton	31	120,147	66,090	9,000	29,595	27,585	54,057	6,551	101	31,501
6	Blackford	92	260,771	149,140	21,540	30,230	97,370	111,631	17,668	470	124,272
7	Boone	61	258,335	183,660	23,300	45,720	114,640	74,675	13,268	308	93,635
8	Brown	30	41,572	34,357	4,830	5,937	23,590	7,215	2,166	116	24,038
9	Carroll	112	473,703	292,963	54,727	98,742	139,494	180,740	29,709	620	178,486
10	Cass	205	1,616,716	909,179	213,291	288,095	407,793	707,537	118,285	1,974	998,833
11	Clark	196	3,119,104	1,691,802	353,330	672,780	665,692	1,427,302	272,995	2,737	1,271,509
12	Clay	112	780,763	404,654	56,490	108,000	300,164	316,109	31,587	782	348,989
13	Clinton	126	613,475	343,701	62,115	108,804	172,782	269,774	43,303	695	267,739
14	Crawford	59	213,640	138,020	37,035	26,575	74,410	75,620	9,590	181	45,635
15	Daviess	91	710,529	564,040	68,096	280,665	215,279	146,489	20,690	805	321,541
16	Dearborn	358	3,190,694	1,374,075	183,505	648,723	541,847	1,816,619	1,141,186	2,458	1,075,692
17	Decatur	97	433,159	257,460	40,390	69,510	147,560	175,699	23,038	414	137,865
18	Dekalb	146	1,281,049	567,253	102,350	268,230	196,673	713,796	48,545	1,318	530,268
19	Delaware	226	1,984,916	1,081,714	198,095	290,387	603,232	903,202	182,188	3,046	1,186,431
20	Dubois	120	435,466	242,459	33,054	83,150	126,255	193,007	30,782	692	219,139
21	Elkhart	344	3,632,656	1,702,395	324,913	515,336	862,146	1,930,261	353,826	3,510	1,469,453
22	Fayette	76	1,187,935	363,350	23,995	161,150	178,205	824,585	84,284	1,183	545,959
23	Floyd	320	5,427,026	3,094,689	409,061	839,612	1,846,016	2,332,337	614,964	4,587	2,119,406
24	Fountain	105	329,331	200,694	30,942	63,917	105,835	128,637	20,629	474	188,695
25	Franklin	88	408,014	208,611	24,291	69,190	115,130	199,403	30,336	491	174,384
26	Fulton	53	257,360	180,110	34,550	35,215	110,345	77,250	13,350	245	72,786
27	Gibson	77	383,326	238,637	38,370	51,590	148,677	144,689	25,587	379	118,600
28	Grant	173	1,459,285	828,760	154,050	249,355	425,295	630,535	70,613	2,024	921,020
29	Greene	45	185,540	135,775	22,400	25,790	87,585	49,765	11,703	232	69,193
30	Hamilton	97	399,251	247,642	39,925	66,570	141,147	151,609	24,639	485	142,394
31	Hancock	95	406,428	269,557	50,760	53,118	165,679	136,871	30,830	448	139,805
32	Harrison	81	155,381	109,165	28,365	23,590	57,210	46,216	8,811	231	58,732
33	Hendricks	103	239,392	143,645	12,295	35,820	95,530	95,747	15,953	462	144,003
34	Henry	120	420,609	267,079	43,165	73,590	150,324	152,930	25,956	533	160,362
35	Howard	180	2,461,858	1,925,281	173,505	457,509	1,294,267	536,577	95,731	2,119	772,091
36	Huntington	278	1,445,341	1,066,018	406,634	382,945	276,439	379,323	103,124	1,697	642,229
37	Jackson	121	905,356	446,524	61,840	132,280	252,404	458,832	69,591	1,079	376,125
38	Jasper	27	511,880	361,105	25,545	190,895	144,665	150,775	707,944	111	41,859
39	Jay	126	512,245	292,188	53,360	79,800	159,028	220,057	38,297	783	310,672
40	Jefferson	188	2,716,868	1,268,055	117,162	495,424	655,469	1,448,813	135,881	2,363	851,692
41	Jennings	46	246,411	132,414	11,164	38,025	83,225	113,997	13,942	275	87,468
42	Johnson	98	836,379	488,200	64,160	209,975	214,065	348,179	67,461	1,384	273,014
43	Knox	168	1,387,062	734,731	84,738	219,777	430,216	652,331	111,536	1,356	509,445
44	Koscinsko	96	545,886	281,002	54,065	62,660	164,277	264,884	35,027	611	202,752
45	Lagrange	45	217,132	126,317	28,465	29,640	68,212	90,815	14,508	191	44,563
46	Lake	106	5,232,560	1,723,164	185,160	686,650	851,354	3,509,396	1,298,776	2,331	1,186,700
47	Laporte	276	4,788,545	1,796,589	261,107	641,546	893,936	2,991,956	371,142	3,351	1,356,877
48	Lawrence	42	104,441	65,915	14,905	14,765	36,245	38,526	10,454	171	43,895
49	Madison	257	2,155,140	1,306,154	178,320	309,351	818,483	848,986	219,098	2,371	1,077,527
50	Marion	1,290	16,125,139	7,194,530	1,391,838	2,286,358	3,516,334	8,930,609	2,137,171	19,487	9,450,586
51	Marshall	90	352,107	239,043	81,165	44,490	113,388	113,124	18,811	417	129,303
52	Martin	45	123,899	88,335	23,455	21,340	43,540	35,564	5,553	222	45,594
53	Miami	146	1,146,016	723,928	94,115	241,575	388,238	422,088	90,896	1,077	786,980
54	Monroe	56	358,156	148,450	25,228	46,650	76,572	209,706	27,052	457	148,546
55	Montgomery	155	805,958	362,913	58,814	120,826	183,273	443,045	46,636	1,010	371,488
56	Morgan	35	235,613	133,240	17,815	38,725	76,700	102,373	15,148	286	76,991
57	Newton	22	61,390	33,610	4,220	12,820	16,570	27,780	3,775	71	20,077
58	Noble	165	1,144,722	438,688	63,435	127,848	247,405	706,034	85,027	860	344,690
59	Ohio	10	46,951	30,100	15,000	4,050	11,050	16,851	1,658	45	12,430
60	Orange	49	102,794	79,835	15,575	13,940	50,320	22,959	6,139	152	35,131
61	Owen	47	94,847	64,187	4,543	18,663	40,981	30,660	4,220	132	46,556
62	Parke	67	177,554	91,815	12,455	23,450	55,910	85,739	10,978	292	90,365
63	Perry	123	1,072,240	613,470	53,070	226,810	333,590	458,770	56,558	1,171	356,624
64	Pike	40	141,638	102,482	6,857	24,680	70,945	39,156	7,995	190	47,166
65	Porter	88	446,628	300,790	41,760	112,550	146,480	145,838	22,496	357	148,554
66	Posey	119	685,432	336,375	48,120	81,630	206,625	349,057	57,567	714	272,009
67	Pulaski	24	65,700	54,720	6,665	19,980	28,075	10,980	3,330	81	26,103
68	Putnam	119	575,038	271,135	41,860	87,840	141,435	303,903	33,806	659	232,841
69	Randolph	101	498,306	297,129	48,225	87,953	160,951	201,177	26,161	584	190,840
70	Ripley	100	589,647	315,293	64,850	96,633	153,810	274,354	27,496	608	198,744
71	Rush	75	453,480	277,423	52,265	71,053	154,105	176,057	37,124	448	150,083

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12,731	$8,742,523	1,028	$430,195	82,050	$34,068,840	6,847	$1,429,496	2,968	$375,257	12,310	$5,661,209	5,468	$1,008,791	347	$33,665	$130,119,106	$226,825,082	1
121	45,707	7	2,772	606	162,583	20	2,486	7	206	34	12,935			2	468	503,552	969,491	2
438	333,122	29	12,464	4,596	1,972,437	220	49,355	35	3,292	1,066	452,898	321	75,534	19	2,542	5,581,719	10,304,979	3
161	127,646	19	8,612	822	316,363	60	12,679	6	740	83	39,027	6	1,560			1,338,465	2,451,094	4
28	11,810	3	728	65	18,244	4	615	1	104							41,254	105,670	5
80	36,708	6	2,246	326	80,021	23	2,700	9	522	26	2,075					269,318	477,016	6
50	22,720			256	70,607	2	308									321,255	597,289	7
21	6,104			95	17,934											58,897	104,212	8
106	50,376	2	512	477	120,271	4	757	19	2,030	18	3,965	4	575			302,403	604,963	9
217	164,149	13	8,041	1,388	688,912	136	28,201	21	3,036	176	100,545	21	5,749	2	200	1,436,632	2,897,264	10
163	107,425	20	9,688	2,019	1,025,556	34	5,672	59	10,361	408	106,121	34	6,686			2,969,593	4,894,096	11
78	43,821	6	2,524	631	286,843	22	4,799	16	1,690	27	8,532	2	780			831,842	1,353,010	12
106	71,369	8	3,248	503	171,220	45	8,538	1	52	27	12,704	5	538			936,447	1,473,684	13
58	19,301	1	240	118	25,874			4	220							151,493	273,664	14
81	42,484	3	1,116	620	253,618	10	1,744	3	150	87	22,325			1	104	533,144	1,017,125	15
394	277,364	49	19,992	1,499	622,245	141	27,904	77	10,508	232	107,531	60	9,578	6	570	2,391,220	5,080,570	16
77	36,655			303	91,488	2	300	5	432	22	8,240	4	700	1	50	432,019	676,954	17
166	94,136	5	1,784	1,020	399,714	33	6,766	22	2,857	59	22,537	13	2,474			917,061	1,759,784	18
222	134,176	18	7,666	1,895	670,503	285	50,669	153	20,222	421	294,545	51	8,300	1	350	1,717,318	3,601,795	19
128	55,570	3	650	492	152,180	8	648	34	3,491	24	6,132			3	468	495,676	806,205	20
369	241,800	70	21,278	2,250	933,508	233	53,998	54	6,257	291	116,247	243	46,365			3,021,185	5,694,842	21
104	80,264	8	3,016	923	404,193	34	7,080	19	2,596	93	48,390	2	420			1,044,917	1,928,289	22
296	241,932	58	26,394	2,953	1,363,063	296	61,512	133	14,870	503	331,563	339	79,022	9	1,050	3,509,064	6,719,303	23
68	38,286	1	215	313	111,671	2	500	11	2,650	78	35,173	1	200			283,144	587,148	24
90	49,393	2	1,500	337	111,625	16	3,256	19	2,810	14	5,400	13	400			434,195	736,717	25
39	21,821			180	46,597	15	2,194	3	198	3	1,056	5	920			235,039	384,856	26
74	34,342	1	100	268	77,495	1	108			33	6,630			2	15	801,002	1,088,997	27
196	146,963	16	7,982	1,495	599,692	81	15,465	58	7,042	178	143,885					1,295,123	3,032,809	28
41	18,460			173	44,178	1	250	4	600	13	5,795					216,981	354,711	29
50	21,609	1	416	384	111,326	17	3,624	27	4,094	6	1,325					434,582	733,423	30
103	49,958	2	910	337	87,609	3	560	1	208	2	560					288,859	545,447	31
51	18,524			175	37,516			2	92	3	600					146,151	259,277	32
80	39,428			370	102,151	3	464	2	350	5	1,370	2	300			370,334	618,695	33
80	39,481			433	127,148	1	75	6	1,010	13	1,648					532,762	922,342	34
199	129,439	12	3,862	1,437	533,699	63	10,458	101	9,541	130	56,372	157	25,600	20	3,120	1,129,736	2,268,724	35
226	132,078	39	14,765	1,258	457,720	73	9,306	31	4,692	47	19,542	17	2,810	6	1,316	1,072,432	2,163,781	36
97	62,111	15	5,908	673	218,834	75	12,850	29	3,720	108	58,342	78	13,960	4	400	1,328,851	2,052,402	37
27	15,268			78	25,836			6	755							233,932	1,269,354	38
105	51,176	6	2,412	587	210,138	20	4,518	8	694	51	40,534	3	700	3	500	865,117	1,452,545	39
215	141,959	23	7,164	1,422	543,831	445	92,879	96	11,128	124	45,631	38	9,100			2,212,828	3,753,593	40
34	14,394			232	69,374					9	3,700					228,392	381,316	41
94	46,435	1	312	795	197,926	206	15,200	106	3,501	22	3,775	135	5,490	25	375	1,013,127	1,528,781	42
187	113,609	19	10,384	867	301,934	46	7,186	37	3,936	190	69,692	10	2,704			1,626,859	2,539,474	43
78	40,404			484	149,657	10	2,013	12	1,286	24	8,392	3	1,000			471,189	869,882	44
46	14,068			121	24,384	5	751	2	60	17	5,300					138,821	243,738	45
160	146,253	10	4,313	2,015	985,645	21	6,325	43	5,848	64	33,570	13	4,056	5	780	19,622,788	22,977,415	46
311	212,452	26	9,640	2,172	964,627	243	43,675	45	4,157	320	88,213	195	30,513	39	3,609	3,611,790	6,093,593	47
35	11,178			131	31,520	5	1,197									100,424	197,964	48
203	135,952	15	6,037	1,735	737,063	32	9,629	54	8,513	229	161,986	77	15,567	26	2,840	2,584,389	4,765,452	49
1,866	1,739,046	254	118,582	11,946	5,964,261	1,379	339,899	458	70,873	1,979	990,108	1,498	221,062	107	6,755	22,008,275	38,045,909	50
72	30,734	2	656	316	91,707	5	834			15	3,972	7	1,400			285,740	535,774	51
32	13,251			163	30,957	4	100	1	36	22	1,250					160,216	243,530	52
164	105,863	13	3,791	1,491	606,628	214	50,817	59	9,307	9	3,774	27	6,800			1,041,718	2,308,179	53
28	17,917			305	89,776	1	180	7	370	115	39,654	1	650			281,961	565,732	54
157	86,702	5	2,008	683	231,947	22	5,438	30	2,607	105	41,582	8	1,204			798,679	1,536,912	55
28	12,433	1	312	252	63,223	1	48	2	125	2	850					267,228	392,458	56
17	7,410			52	12,147	2	520									18,026	59,385	57
117	83,814	12	1,826	649	239,098	39	5,866	6	198	37	13,888					1,056,168	1,860,950	58
4	1,515			40	10,485					1	430					16,634	36,011	59
26	9,779			126	25,352											108,634	172,800	60
34	16,866			94	28,980	2	410			2	300					105,241	183,222	61
58	23,677	1	75	201	59,613	1	100			31	6,900					235,880	398,687	62
110	69,065	7	2,870	611	191,644	138	26,542	43	4,865	129	36,758	133	24,900			592,958	1,146,249	63
49	18,414	2	200	130	27,896			8	456	1	200					162,806	257,052	64
74	44,392	7	3,314	221	86,191	42	10,751	7	596	6	3,310					226,772	594,171	65
102	61,132	9	3,785	461	166,961	32	6,096	6	500	104	33,595					1,044,296	1,516,032	66
22	9,536			59	16,567											88,016	135,835	67
112	65,653	9	4,930	454	142,293	39	7,908	10	1,043	26	9,350	9	1,664			504,250	915,427	68
91	42,823	2	450	449	139,062	19	3,720	12	1,096	11	3,758					741,288	1,155,948	69
78	39,641	2	500	461	138,554	9	1,516	13	1,741	45	16,792					422,695	729,378	70
65	31,539			372	116,501	5	1,049	4	294	2	700					416,643	721,815	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
72	St. Joseph	303	$13,547,810	$4,353,907	$1,058,002	$1,852,865	$1,443,040	$9,193,903	$685,359	7,434	$3,417,372
73	Scott	26	63,940	44,530	2,665	10,580	31,285	19,410	3,718	152	31,401
74	Shelby	169	1,192,657	468,116	70,448	139,949	257,719	724,541	140,010	1,390	482,387
75	Spencer	96	335,077	210,283	37,675	56,515	122,093	124,794	20,851	496	130,807
76	Starke	20	34,925	30,680	4,020	6,715	19,945	4,245	1,107	45	10,454
77	Steuben	65	163,173	117,425	13,415	27,385	76,625	45,748	9,178	185	56,001
78	Sullivan	59	191,971	145,600	19,760	29,100	96,740	46,371	10,726	229	62,165
79	Switzerland	27	107,607	44,106	5,235	14,400	24,471	63,501	5,744	193	76,222
80	Tippecanoe	188	3,161,948	1,525,409	323,850	427,641	773,918	1,636,539	186,611	2,746	1,257,985
81	Tipton	73	341,294	177,188	34,167	46,280	96,741	164,106	14,251	601	216,912
82	Union	29	185,392	66,010	10,555	21,050	34,405	119,382	11,713	160	54,711
83	Vanderburg	498	9,290,946	4,538,853	1,030,246	1,213,600	2,295,007	4,752,093	813,501	7,546	3,249,403
84	Vermilion	46	149,723	109,165	13,110	37,620	58,435	40,558	7,718	191	54,159
85	Vigo	412	5,081,569	2,865,324	548,780	909,326	1,407,218	2,216,245	3,910,343	5,376	2,196,250
86	Wabash	144	1,275,425	644,638	131,230	205,080	308,328	630,787	77,541	1,202	507,968
87	Warren	16	42,699	28,955	11,030	5,915	12,010	13,744	2,514	63	13,180
88	Warrick	48	174,270	118,495	14,805	36,925	66,765	55,775	12,756	181	53,795
89	Washington	66	156,048	108,488	18,625	26,103	63,760	47,560	6,255	302	74,115
90	Wayne	292	5,188,232	1,617,744	300,506	569,957	747,281	3,570,488	528,708	3,309	1,562,251
91	Wells	112	423,823	247,898	50,265	47,145	150,488	175,925	25,632	621	229,370
92	White	28	140,965	85,405	6,650	25,815	52,940	55,560	7,463	112	31,175
93	Whitley	123	607,702	379,507	128,800	78,530	172,177	228,195	69,530	647	199,572

INDIAN TERRITORY. (a)

BY SPECIFIED INDUSTRIES.

1	All industries	20	204,329	147,749	5,800	27,400	114,549	56,580	11,590	175	79,830
2	Lumber and other mill products from logs or bolts.	3	16,000	6,400	400	300	5,700	9,600	1,000	39	12,800
3	Printing and publishing, newspapers and periodicals.	3	23,790	15,825	.....	.....	15,825	7,965	3,245	23	9,828
4	All other industries (b)	9	164,539	125,524	5,400	27,100	93,024	39,015	7,345	113	57,202

a Not reported by political subdivisions.
b Embraces brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 2; coke, 1; cotton, ginning, 2; flouring and grist mill products, 2; lumber, planing mill products, including sash, doors, and blinds, 1.

IOWA.

BY SPECIFIED INDUSTRIES.

1	All industries	7,440	77,513,097	39,001,353	10,322,103	11,375,796	17,303,454	38,511,744	5,732,206	59,174	25,878,997
2	Agricultural implements	34	2,181,101	397,026	99,955	108,050	189,021	1,784,075	162,182	893	419,249
3	Awnings, tents, and sails	5	13,295	2,800	.....	.....	2,800	10,495	2,063	20	8,070
4	Bags, other than paper	3	69,985	24,350	1,700	5,400	17,250	45,635	1,724	39	15,378
5	Baking and yeast powders	3	6,397	507	.....	.....	507	5,890	594	11	3,980
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	936	1,065,339	631,525	165,690	229,325	236,510	433,814	65,791	1,484	674,947
7	Bookbinding and blank-book making. (See also Printing and publishing.)	12	46,525	33,245	600	1,100	31,545	13,280	5,446	55	21,786
8	Boots and shoes, custom work and repairing.	277	205,622	142,340	61,980	46,940	33,420	63,282	24,434	394	169,040
9	Boots and shoes, factory product	6	435,966	135,750	13,100	51,650	71,000	299,316	16,309	319	135,850
10	Bottling. (See also Liquors, malt; Mineral and soda waters.)	5	233,300	165,900	47,500	77,400	41,000	67,400	14,249	56	27,081
11	Boxes, cigar	4	25,525	6,975	100	500	6,375	18,550	1,266	56	17,107
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	6	24,845	17,600	5,000	3,800	8,800	7,245	1,134	65	13,516
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	10	173,960	61,000	10,300	15,050	35,650	112,960	14,887	269	80,335
14	Bread and other bakery products	124	914,153	545,416	137,500	213,700	194,216	368,737	81,645	804	410,450
15	Brick and tile. (See also Clay and pottery products.)	260	1,802,942	1,206,751	407,690	368,663	430,398	596,191	84,811	2,742	707,368
16	Bridges	9	260,047	94,225	7,500	23,000	63,725	165,822	23,221	312	159,489

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
409	$391,066	34	$13,834	4,376	$2,018,937	351	$86,429	157	$28,826	1,454	$722,721	638	$151,664	15	$3,835	$5,557,201	$11,999,175	72
13	3,756			123	24,445					16	3,200					80,401	154,507	73
141	84,703	18	6,568	885	300,204	63	11,195	17	1,804	172	74,478	84	3,275	10	160	889,432	1,779,311	74
86	29,517			316	80,522	76	19,650	13	593	3	400	2	125			306,890	583,433	75
18	5,083			26	5,321			1	50							36,970	52,090	76
63	26,146			104	25,227	2	360	2	150	14	4,718					165,091	276,491	77
37	11,198			168	47,282	2	200	5	455	9	2,279	8	751			227,857	362,838	78
21	6,045			170	70,075					2	102					83,561	245,956	79
273	211,085	12	4,690	1,498	723,774	152	38,101	33	4,915	759	270,136	19	5,284			2,665,211	4,718,072	80
49	24,021	2	540	470	171,205	2	364	18	1,320	50	17,562	6	1,500	4	400	457,900	790,931	81
31	13,496	2	1,200	112	35,290	1	150	12	1,575	8	3,000					120,287	248,334	82
606	536,091	28	11,828	4,546	2,043,383	774	136,082	364	44,848	773	370,816	442	105,230	13	1,125	6,925,392	12,929,316	83
29	11,556			146	39,785	11	2,102	4	416	1	300					136,406	235,489	84
470	355,262	45	18,679	3,161	1,340,668	226	54,663	185	22,678	740	306,674	539	96,851	10	775	6,858,439	13,865,235	85
122	75,885	2	1,068	1,029	398,981	42	7,350	17	2,212	46	21,432	3	1,000	1	40	1,032,256	1,933,534	86
9	2,749			54	10,431											15,254	41,114	87
40	17,617	1	300	135	35,143	1	260	2	244	2	231					243,820	356,458	88
62	18,199			221	54,831	5	128	11	732	3	225					159,723	309,422	89
383	290,579	37	17,440	2,328	1,078,908	149	31,116	61	8,173	218	119,795	132	16,140	1	100	2,208,638	4,966,849	90
106	57,068	2	668	401	135,288	24	7,374	6	248	58	20,437	14	6,800	10	1,487	449,446	835,995	91
15	7,456			96	23,563	1	156									271,982	347,032	92
89	43,063	2	1,130	420	119,091	15	2,808	13	1,390	60	20,840	46	10,950	2	300	484,946	897,370	93

INDIAN TERRITORY. (a)

BY SPECIFIED INDUSTRIES.

8	6,608			146	67,114	3	784	7	574	11	4,750					127,864	248,932	1
1	1,000			38	11,800											23,900	41,950	2
1	300			16	8,370	3	784	3	374							6,811	26,912	3
6	5,308			92	46,944			4	200	11	4,750					97,153	180,070	4

IOWA.

BY SPECIFIED INDUSTRIES.

7,583	5,233,383	554	215,994	41,418	17,830,055	3,396	734,687	1,426	178,638	2,792	1,402,600	1,787	265,119	218	18,521	79,292,467	125,049,183	1
100	100,796	6	2,200	782	313,053					4	3,100	1	100			586,713	1,570,872	2
3	2,526	2	1,104	8	3,290	7	1,750									16,166	30,138	3
5	4,900			9	3,930	7	1,812	3	450	2	1,200	11	2,786	2	360	211,839	251,155	4
8	3,380			1	200	2	400									16,619	33,603	5
838	401,735			625	268,187			1	150	20	4,875					413,781	1,448,978	6
10	6,598			19	8,660	20	4,928					6	1,600			17,212	60,900	7
191	83,215	1	400	153	67,492					48	18,633	1	200			111,655	358,752	8
27	25,750			115	54,127	91	28,260			61	22,253	25	5,460			286,716	574,378	9
3	2,724			45	22,323			8	2,034							186,698	234,045	10
5	4,070			10	3,854	12	2,936	3	557	3	700	20	4,390	3	600	41,983	69,050	11
3	1,804			7	3,068	22	3,004			2	700	31	4,940			11,985	30,300	12
24	12,938	1	312	119	48,429	64	12,190	6	1,156			55	5,400			268,279	390,490	13
176	148,477	33	10,635	453	225,376	119	22,256	16	2,356	1	400	6	950			1,326,901	2,132,888	14
196	78,004	3	776	2,325	584,723			71	5,286	134	37,246	4	363	9	970	282,431	1,537,890	15
29	33,973	2	610	281	124,906											283,662	512,720	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
17	Brooms and brushes	39	$37,874	$23,040	$5,930	$7,150	$9,960	$64,834	$9,524	286	$91,623
18	Carpentering	431	1,212,591	327,095	90,461	91,981	144,653	885,496	240,867	2,391	1,292,565
19	Carpets, rag	35	22,857	20,382	7,670	8,550	4,162	2,475	1,568	48	15,530
20	Carriage and wagon materials	5	15,196	9,430	2,300	4,400	2,730	5,766	7,696	16	8,073
21	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	294	2,765,207	1,250,655	335,048	614,490	301,117	1,514,552	142,236	1,922	982,527
22	Cars and general shop construction and repairs by steam railroad companies.	41	2,404,648	1,717,043	181,730	769,150	766,163	687,605	300	3,893	2,187,136
23	Cheese and butter, urban dairy product	3	17,900	15,500	1,700	7,300	6,500	2,400	1,605	33	9,700
24	Cheese, butter, and condensed milk, factory product.	497	2,074,177	1,569,066	100,180	667,851	801,035	505,111	121,160	2,545	1,032,799
25	Clay and pottery products. (See also Brick and tile.)	29	311,921	221,860	77,025	80,200	64,635	90,061	24,123	279	119,013
26	Clothing, men's, custom work and repairing.	205	780,976	147,270	49,166	55,500	42,604	633,706	80,960	1,258	695,813
27	Clothing, men's, factory product	7	436,900	29,700	500	1,500	27,700	407,200	68,804	574	150,021
28	Clothing, women's, dressmaking	213	107,014	69,115	19,310	31,930	17,875	37,899	23,075	723	173,901
29	Coffee and spice, roasting and grinding	8	266,154	55,520	19,946	10,474	25,100	210,634	85,648	62	45,574
30	Coffins and burial cases, trimming and finishing.	5	42,525	19,865	13,010	6,030	825	22,660	1,311	11	5,073
31	Coffins, burial cases, and undertakers' goods.	3	127,130	46,830	10,100	26,180	10,550	80,300	10,637	109	40,358
32	Confectionery	32	297,852	115,299	32,500	41,800	40,999	182,553	50,348	291	124,563
33	Cooperage	91	351,263	172,285	68,930	62,855	40,500	178,978	22,258	590	248,708
34	Cordage and twine	4	23,250	14,200	1,000	2,000	11,200	9,050	1,630	29	10,793
35	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	6	101,548	52,153	585	10,300	41,268	49,395	5,449	83	31,309
36	Dentistry, mechanical	53	76,001	43,850	2,300	3,900	37,650	32,151	9,736	63	42,974
37	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	11	37,650	16,500	6,500	3,500	6,500	21,150	6,013	37	21,302
38	Dyeing and cleaning	19	27,975	22,725	1,550	8,250	12,925	5,250	10,849	76	36,221
39	Fancy articles, not elsewhere specified	3	4,275	900	----------	----------	900	3,375	723	11	3,478
40	Flouring and grist mill products	441	6,696,759	4,779,516	810,610	1,451,989	2,516,917	1,917,243	363,993	1,749	788,872
41	Food preparations. (See also Fruits and vegetables, canning and preserving.)	8	579,866	325,385	31,318	118,720	175,347	254,481	35,700	177	77,018
42	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	126	3,032,277	1,703,045	309,634	456,064	937,347	1,329,232	172,788	2,376	1,289,679
43	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	17	445,258	287,614	24,975	129,230	133,409	157,644	51,943	1,636	91,497
44	Fur goods. (See also Hats and caps, not including wool hats.)	4	44,050	15,325	6,360	6,400	2,565	28,725	1,291	27	7,452
45	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	61	333,176	124,658	51,640	51,450	21,568	208,518	20,822	183	92,273
46	Furniture, factory product. (See also Furniture, chairs.)	21	764,423	314,502	82,700	145,150	86,952	449,621	39,701	652	279,920
47	Gas, illuminating and heating	19	2,127,067	2,013,690	301,200	190,600	1,521,890	113,377	79,389	140	83,598
48	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	8	72,999	11,999	275	2,800	8,924	61,000	7,012	99	35,225
49	Grease and tallow. (See also Soap and candles.)	9	37,760	22,450	6,700	4,150	11,600	15,310	2,799	36	19,118
50	Hairwork	9	4,935	505	----------	----------	505	4,430	2,331	19	5,349
51	Hand stamps	6	8,415	6,150	----------	----------	6,150	2,265	642	12	7,147
52	Hats and caps, not including wool hats. (See also Fur goods.)	3	12,250	6,500	----------	----------	6,500	5,750	1,953	23	8,900
53	Hay and straw, baling	5	13,703	7,530	2,030	2,400	3,050	6,173	4,761	43	8,810
54	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	3	8,950	8,000	600	5,800	1,600	950	419	9	2,550
55	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	15	148,594	90,206	21,800	39,300	29,106	58,388	9,171	130	83,020
56	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	3,750	2,000	----------	----------	2,000	1,750	552	10	6,100
57	Lime and cement	23	217,305	172,785	48,600	83,520	40,665	44,520	11,265	314	105,355
58	Liquors, malt. (See also Bottling.)	18	1,057,292	710,100	132,500	410,000	167,600	347,192	190,124	207	130,750
59	Lock and gun smithing	19	57,123	49,450	33,600	5,800	10,050	7,673	5,038	31	16,664
60	Looking-glass and picture frames	8	6,440	1,650	100	200	1,350	4,790	2,171	18	9,273
61	Lumber and other mill products from logs or bolts.	137	17,487,825	7,155,341	4,656,426	684,335	1,814,580	10,332,484	633,997	7,011	2,153,582

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
40	$18,071	1	$300	71	$28,033	29	$5,662	25	$4,404	73	$23,953	45	$10,800	2	$400	$154,625	$330,047	17
401	244,267	2	1,086	1,966	1,042,036	3	650	6	781	12	3,345	1	400			2,565,604	4,851,407	18
20	8,248	11	3,101	10	2,998	5	833	1	150	1	200					15,427	37,840	19
3	1,617			12	6,264			1	192							19,181	56,550	20
318	212,124	2	480	1,477	731,565	9	2,060	51	10,029	65	25,669					1,449,922	3,108,545	21
81	65,312			3,812	2,121,824											2,244,274	4,473,089	22
				32	9,400	1	300									40,875	59,500	23
183	86,244	7	1,660	2,313	937,880	18	3,710	3	190	21	3,115					8,360,689	10,545,182	24
34	23,202			218	84,173					23	10,238	4	2,000			49,962	237,275	25
180	136,388	1	312	355	212,857	118	40,175	7	1,245	516	279,185	80	25,551	1	100	702,531	1,691,294	26
19	15,960	2	1,120	66	32,474	125	18,872	1	125	1	750	360	80,720			429,292	734,245	27
3	1,430	188	71,041	1	500	518	99,109	4	146			9	1,675			246,089	529,854	28
26	28,710	2	600	28	15,380			2	284	4	600					624,088	771,724	29
7	3,973			4	1,700											8,265	24,248	30
9	11,450			78	28,968	4	900			4	3,000	8	3,990	6	1,050	66,438	149,100	31
51	40,132	2	900	134	65,193	98	15,848	1	150	5	2,310					333,130	648,567	32
58	34,254			192	72,248					337	141,672	1	100	2	434	405,250	8[illegible],879	33
4	2,320			21	7,572			2	400					2	500	14,450	35,818	34
8	6,472	1	150	14	4,812	3	1,000	1	175	42	16,500	10	1,800	4	400	21,098	68,529	35
52	37,629	1	150	8	4,430	2	765									19,422	90,120	36
17	10,640	1	624	15	9,248	1	250	3	540							29,424	74,520	37
14	11,899	4	854	43	19,196	12	3,252			2	900	1	120			12,257	74,546	38
1	500	2	968	8	2,010											3,425	8,215	39
494	278,264	7	3,194	1,203	500,244	1	200	11	1,435	10	2,675	23	2,860			9,780,174	11,833,797	40
26	16,122	4	2,132	112	53,105			6	422	2	1,000	27	4,797			706,739	960,811	41
230	221,672	4	1,192	1,771	929,198	201	52,360	23	3,799	147	81,358					1,454,164	3,432,360	42
42	6,713	13	860	344	40,643	280	14,987	124	4,939	12	966	706	20,089	155	2,300	294,817	521,711	43
3	2,130			7	2,975	17	2,347									20,800	32,850	44
51	31,546	2	760	126	59,317					3	600	1	50			120,019	203,725	45
61	47,417	1	600	516	197,657	3	1,050	10	2,100	48	29,005	5	500	8	1,600	324,876	700,429	46
27	23,067	1	100	106	59,761			6	670							104,265	392,490	47
18	9,342			26	13,288	41	10,945	6	750			8	900			52,305	128,600	48
10	5,806			24	12,544	2	768									94,731	136,098	49
1	600	6	2,244	3	1,040	9	1,465									4,735	15,172	50
6	4,122			6	3,025											5,312	14,475	51
2	1,500			7	3,500	14	3,900									4,859	21,879	52
1	260			42	8,550											35,290	65,650	53
2	820			1	720	6	1,010									1,975	5,760	54
21	22,170			107	60,890			1	210	1	350					99,932	228,550	55
4	4,500			6	4,600											11,620	21,807	56
11	6,365			282	93,180			3	545	18	5,265					87,612	234,897	57
51	47,670	1	300	155	88,786											294,624	7[illegible]	58
21	11,980			10	4,684											9,947	[illegible]	59
12	6,213			6	3,660											15,275	[illegible]	60
284	239,614	10	6,400	6,183	1,819,797	69	12,676	221	28,241	180	38,337	20	3,075	41	5,442	7,945,831	11,829,665	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
62	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	46	$3,044,145	$1,063,934	$297,795	$336,765	$429,374	$1,980,211	$182,242	2,095	$940,911
63	Malt. (See also Liquors, malt.)	6	164,019	79,327	6,212	41,790	31,325	84,692	11,614	53	22,515
64	Marble and stone work. (See also Monuments and tombstones.)	25	79,887	22,775	6,750	3,725	12,300	57,112	8,379	178	93,676
65	Masonry, brick and stone. (See also Plastering and stuccowork.)	137	485,196	65,944	13,630	11,700	40,614	419,252	30,177	1,576	822,095
66	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	11	150,975	56,175	25,025	14,050	17,100	94,800	17,702	207	79,521
67	Millinery, custom work	141	399,255	65,041	21,807	27,125	16,109	334,214	57,447	562	183,148
68	Mineral and soda waters. (See also Bottling.)	33	196,600	121,030	20,580	23,775	76,675	75,570	21,905	162	76,347
69	Models and patterns	7	11,965	8,250	.....	.....	8,250	3,715	1,414	13	8,708
70	Monuments and tombstones. (See also Marble and stone work.)	70	340,320	108,241	32,165	26,295	49,781	232,079	35,321	253	148,791
71	Oil, linseed	7	1,531,455	604,000	117,000	210,500	276,500	927,455	201,242	168	99,120
72	Painting and paper hanging	132	210,861	51,517	10,595	13,810	27,202	159,344	23,431	621	310,616
73	Paints. (See also Chemicals.)	3	49,900	31,600	2,150	17,800	11,650	18,300	1,061	27	13,920
74	Paper	7	324,498	268,000	47,750	72,250	148,000	56,498	18,285	197	89,510
75	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	20	253,527	38,967	6,600	20,700	11,667	214,560	37,716	349	205,335
76	Paving and paving materials	17	84,010	33,370	12,950	6,050	14,370	50,640	9,803	620	247,445
77	Photography	94	175,513	129,061	12,075	19,400	97,586	46,452	29,788	233	127,695
78	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	9	343,189	155,365	28,900	57,750	68,715	187,824	33,143	167	85,720
79	Plastering and stuccowork. (See also Masonry, brick and stone.)	58	45,413	12,975	3,900	3,500	5,575	32,438	4,963	301	145,784
80	Plumbing and gas fitting	54	455,074	64,575	7,200	10,100	47,275	390,499	38,364	542	337,021
81	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	56	582,720	399,896	44,050	55,700	300,146	182,824	74,085	544	263,221
82	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	643	3,501,710	2,337,298	212,305	301,810	1,823,183	1,164,412	547,466	3,576	1,744,480
83	Pumps, not including steam pumps	5	144,565	42,275	5,750	21,000	15,525	102,290	10,997	79	42,475
84	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	27	112,275	43,840	13,250	21,970	8,620	68,435	8,453	110	60,027
85	Saddlery and harness	395	1,430,032	412,977	129,500	194,485	88,992	1,017,055	91,339	1,198	562,783
86	Scales and balances	3	5,825	2,300	.....	.....	2,300	3,525	720	11	4,952
87	Shipbuilding	5	38,850	34,700	3,175	8,375	23,150	4,150	3,997	48	26,926
88	Shirts. (See also Furnishing goods, men's.)	3	6,074	2,765	.....	.....	2,765	3,309	1,280	31	9,203
89	Show cases	3	11,708	1,108	.....	.....	1,108	10,600	1,359	12	5,668
90	Slaughtering and meat packing, wholesale. (See also Sausage.)	25	4,105,020	2,126,680	294,400	1,370,500	461,780	1,978,340	452,147	2,128	1,014,817
91	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	4	380,000	89,600	600	23,000	66,000	290,400	74,618	600	297,140
92	Soap and candles. (See also Grease and tallow.)	10	218,775	92,768	31,550	33,906	27,312	126,007	11,072	94	48,913
93	Starch	4	181,890	54,175	6,000	27,000	21,175	127,715	50,985	128	57,011
94	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	6	307,602	112,550	12,450	23,750	76,350	195,052	15,444	155	75,088
95	Sugar and molasses, refining	14	1,097,685	810,210	50,575	251,735	507,900	287,475	50,101	253	92,699
96	Timber products, not manufactured at mill.	6	42,510	17,725	4,300	.....	13,425	24,785	5,803	105	195,430
97	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	222	624,417	290,506	67,475	118,775	104,256	333,911	51,135	632	342,788
98	Tobacco, cigars and cigarettes	201	986,271	134,537	37,639	56,640	40,258	851,734	213,312	1,320	602,482
99	Trunks and valises	8	34,800	8,500	4,000	2,000	2,500	26,300	4,866	39	16,582
100	Vinegar and cider	8	184,492	107,920	32,166	40,400	35,354	76,572	6,061	64	32,786
101	Washing machines and clothes wringers.	8	95,816	29,450	2,850	9,300	17,300	66,366	7,240	83	35,650

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
108	$113,164	4	$2,312	1,762	$777,564	5	$1,848	187	$30,021	25	$15,378			4	$624	$2,662,125	$3,588,856	62
7	6,175			46	16,340											156,778	226,477	63
24	16,623			153	76,753	1	300									116,677	268,663	64
157	105,508			1,416	716,372					3	215					1,184,569	2,263,253	65
15	11,320			117	47,632	8	2,188	21	2,631	32	11,850	14	$3,900			257,252	426,450	66
23	16,868	139	64,186	16	4,394	376	96,750	6	700			2	250			499,317	899,817	67
39	25,730	5	2,768	109	46,339	7	1,228	2	282							87,671	308,030	68
6	4,352			7	4,356											2,545	17,880	69
82	58,690			167	89,564	1	300			3	237					208,159	552,986	70
17	24,857			150	65,083	1	180									1,699,686	2,109,877	71
133	78,248	1	120	477	230,530	2	381	6	937	2	400					244,726	656,767	72
4	1,500			23	12,420											34,399	58,399	73
9	8,545	1	360	156	66,298	29	5,107	2	200							116,349	268,934	74
47	36,763	1	600	256	156,995	45	10,977									140,417	553,967	75
15	10,640			603	235,805					2	1,000					385,765	695,588	76
103	75,370	5	1,161	73	34,929	43	13,713			4	1,232	5	1,290			90,086	318,474	77
38	40,260	1	130	74	35,354	16	3,660			11	700	27	5,616			315,272	510,967	78
57	31,235			230	110,962					14	3,587					115,928	385,920	79
75	68,875	1	468	452	264,240			11	2,288	3	1,150					790,926	1,276,669	80
100	79,966	2	760	328	155,500	100	24,083	7	1,674	7	1,238					254,341	732,925	81
686	528,551	36	12,744	1,888	908,834	357	86,988	335	30,938	234	161,362	39	14,963	1	100	863,764	3,818,623	82
15	13,580	3	1,404	60	27,308					1	183					130,702	221,550	83
25	18,973	1	200	79	39,895			2	475	3	484					97,327	184,966	84
363	209,717	3	1,068	666	293,680	12	2,453	8	686	145	55,028	1	156			996,296	1,962,427	85
2	1,382			9	3,570											3,000	9,980	86
3	1,825			45	25,101											22,820	73,144	87
5	5,600			2	1,320	20	1,473					4	810			5,292	20,675	88
5	2,880	1	624	5	1,904	1	260									16,015	27,000	89
112	151,242	3	1,500	1,996	857,635	7	2,100	10	2,340							17,375,828	19,615,380	90
36	36,120	2	400	502	241,120			30	7,000	20	10,000			10	2,500	3,279,395	3,816,190	91
24	19,372			54	26,313	9	2,265	5	863	2	100					228,219	372,132	92
21	21,437	1	500	57	25,650	34	7,174	15	2,250							166,453	355,150	93
11	10,880			144	64,208											135,364	278,570	94
18	18,560	1	480	231	73,058			3	600							526,566	826,589	95
3	1,400			45	12,805					57	181,275					14,455	227,237	96
154	100,000	4	1,124	459	238,389	2	700	4	400	9	2,175					491,279	1,035,071	97
220	158,333	7	3,100	407	189,977	90	23,490	86	13,278	338	170,266	104	42,837	8	1,201	592,534	1,704,570	98
7	4,695	1	240	29	11,007	1	240			1	400					21,675	58,277	99
16	11,384	2	1,320	43	18,882	3	1,200									66,215	147,411	100
11	10,222			52	19,628	10	1,700			6	3,500	4	600			24,782	88,536	101

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
102	Watch, clock, and jewelry repairing. (See also Jewelry.)	107	$95,729	$70,310	$15,800	$15,100	$39,410	$25,419	$17,321	217	$125,638
103	Windmills	7	63,828	45,175	16,425	13,100	15,650	18,653	7,522	58	22,244
104	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	17	65,597	31,999	4,175	9,853	17,971	33,598	4,674	73	29,138
105	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	30,200	24,950	5,900	3,500	15,550	5,250	796	42	26,383
106	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	14	694,600	293,800	31,450	83,350	179,000	400,800	40,050	378	133,240
107	All other industries (a)	65	1,913,191	1,168,798	116,150	325,685	726,963	744,393	201,138	1,121	434,635

a Embraces artificial limbs, 1; boot and shoe uppers, 2; brass castings and brass finishing, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; cigar molds, 2; clocks, 1; clothing, women's, factory product, 1; cordials and sirups, 1; corsets, 1; cotton goods, 2; dentists' materials, 2; dyeing and finishing textiles, 1; electroplating, 1; engraving and die sinking, 1; fertilizers, 1; files, 1; flavoring extracts, 1; flax, dressed, 1; furnishing goods, men's, 2; furniture, chairs, 2; glucose, 1; hand knit goods, 1; hardware, 2; house furnishing goods, not elsewhere specified, 2; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kindling wood, 1; leather, tanned and curried, 2; lightning rods, 2

BY COUNTIES.

1	The State	7,440	77,513,097	39,001,353	10,322,103	11,375,796	17,303,454	38,511,744	5,732,206	59,174	25,878,997
2	Adair	24	65,863	46,495	4,960	11,130	30,405	19,368	1,934	75	20,796
3	Adams	14	47,620	30,195	6,135	7,460	16,600	17,425	2,917	49	11,547
4	Allamakee	63	1,249,522	304,320	42,740	87,625	173,955	945,202	69,229	777	235,933
5	Appanoose	39	124,581	89,390	15,865	31,025	42,500	35,191	5,113	171	64,193
6	Audubon	23	72,801	44,275	3,250	10,590	30,435	28,526	6,390	112	35,655
7	Benton	82	297,655	196,981	16,645	97,275	83,061	100,674	23,107	284	118,500
8	Blackhawk	182	1,402,028	875,803	129,296	305,655	440,857	586,220	90,835	1,181	547,964
9	Boone	115	477,232	338,288	51,530	169,015	117,743	138,944	26,964	564	224,247
10	Bremer	81	238,579	146,866	20,285	51,766	74,815	91,713	16,723	242	93,171
11	Buchanan	98	360,382	235,230	23,620	91,815	119,795	125,152	22,423	343	145,938
12	Buena Vista	40	134,918	83,190	12,025	23,000	48,165	51,728	12,129	108	50,921
13	Butler	44	175,146	122,674	12,030	40,230	70,414	52,472	9,774	126	46,700
14	Calhoun	42	95,305	64,666	9,275	14,561	40,830	30,639	7,489	94	35,043
15	Carroll	40	126,663	64,821	9,375	14,950	39,496	62,842	11,302	123	48,447
16	Cass	31	214,092	131,260	16,850	52,463	61,947	82,832	47,260	223	67,861
17	Cedar	60	194,181	128,131	18,476	42,375	67,280	66,050	11,313	221	82,706
18	Cerro Gordo	28	133,887	94,275	9,250	31,300	53,725	39,612	8,010	102	42,413
19	Cherokee	36	182,548	135,987	25,475	49,725	60,787	46,561	12,173	192	70,377
20	Chickasaw	52	234,711	152,575	36,540	35,755	80,280	82,136	10,624	169	69,908
21	Clarke	20	112,070	88,910	18,035	14,700	56,175	23,160	4,441	98	41,613
22	Clay	20	94,317	63,937	13,435	16,525	33,977	30,380	4,693	63	19,102
23	Clayton	117	332,397	215,716	26,879	90,525	98,312	116,681	22,067	305	112,551
24	Clinton	510	10,598,890	5,134,076	3,192,935	667,060	1,274,021	5,464,814	326,996	5,312	1,976,395
25	Crawford	48	171,424	104,945	9,775	29,700	65,470	66,479	10,476	150	56,189
26	Dallas	57	243,214	162,090	19,665	50,620	91,805	81,124	14,042	207	68,309
27	Davis	40	91,157	57,210	5,560	12,025	39,625	33,947	7,101	132	44,454
28	Decatur	28	129,626	111,400	17,530	29,885	63,985	18,226	13,052	75	26,272
29	Delaware	83	333,712	193,940	32,080	54,085	112,775	134,772	17,754	221	94,695
30	Des Moines	239	4,494,426	2,320,952	469,700	603,480	1,247,772	2,173,474	263,872	3,986	1,793,253
31	Dickinson	14	57,861	45,575	7,850	20,600	17,125	12,286	2,177	25	8,023
32	Dubuque	343	7,335,110	3,270,428	901,312	1,193,518	1,175,598	4,064,682	587,188	4,876	2,217,530
33	Emmet	6	14,350	8,150	1,600	1,550	5,000	6,200	1,463	17	8,543
34	Fayette	80	287,035	227,625	22,345	85,925	119,355	59,410	16,621	306	105,716
35	Floyd	55	311,835	191,563	45,545	52,800	93,218	120,272	14,537	224	95,774
36	Franklin	22	104,560	74,435	12,970	17,800	43,665	30,125	5,696	76	28,805
37	Fremont	18	62,905	48,030	3,345	8,385	36,300	14,875	6,553	44	13,541
38	Greene	40	145,086	93,535	12,425	25,850	55,260	51,551	8,471	163	62,668
39	Grundy	45	104,870	66,510	4,270	20,875	41,365	38,360	8,788	119	46,357
40	Guthrie	53	201,828	97,438	13,255	38,172	46,011	104,390	11,761	172	69,243
41	Hamilton	29	139,711	97,559	8,200	25,920	63,439	42,152	5,808	104	44,540
42	Hancock	14	35,720	25,925	3,200	7,100	15,625	9,795	1,088	34	12,253
43	Hardin	74	273,197	170,063	28,915	56,855	84,293	103,134	13,671	237	98,501
44	Harrison	23	226,032	168,615	25,270	54,825	88,520	57,417	9,268	275	139,873
45	Henry	70	276,396	184,600	20,810	46,705	117,085	91,796	18,823	248	98,442
46	Howard	44	178,744	115,090	12,775	35,725	66,590	63,654	9,392	208	80,478
47	Humboldt	27	98,738	70,671	11,935	22,885	35,851	28,067	6,255	61	22,952
48	Ida	27	111,902	77,545	8,575	19,300	49,670	34,357	10,631	91	44,662
49	Iowa	19	301,520	129,922	11,015	37,132	81,775	171,598	19,713	102	36,788
50	Jackson	66	375,146	219,414	48,725	66,380	104,309	155,732	19,040	368	117,665
51	Jasper	56	229,314	156,351	16,970	49,385	89,996	72,963	12,514	265	92,237

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
91	$55,523	.....	.....	117	$68,001	7	$1,962	2	$152	.....	.....	.....	.....	.....	.....	$47,548	$242,858	102
9	4,690	.....	.....	45	16,774	.....	.....	4	780	.....	.....	.....	.....	.....	.....	23,728	67,785	103
20	11,220	1	$300	46	16,988	.....	.....	.....	.....	4	$505	2	$125	.....	.....	46,800	109,752	104
13	9,988	.....	.....	27	15,650	.....	.....	.....	.....	2	745	.....	.....	.....	.....	13,804	48,279	105
36	28,290	2	560	147	57,692	153	38,377	16	2,045	3	1,200	21	5,076	.....	.....	505,503	695,218	106
93	83,205	2	400	775	294,293	123	31,050	34	3,587	59	18,220	35	3,880	.....	.....	1,525,117	2,452,683	107

liquors, vinous, 2; lithographing and engraving, 1; musical instruments, pianos and materials, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 1; photolithographing and engraving, 1; pipes, tobacco, 1; plumbers' supplies, 2; printing and publishing, music, 1; sausage, 1; saws, 1; smelting and refining, 2; stationery goods, not elsewhere specified, 2; stencils and brands, 2; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

7,583	5,233,383	554	215,994	41,418	17,830,055	3,396	734,687	1,426	178,638	2,792	1,402,600	1,787	265,119	218	$18,521	79,292,407	125,049,183	1
20	8,449	.....	.....	45	11,193	1	248	6	306	3	600	.....	.....	.....	.....	48,142	94,864	2
10	3,091	.....	.....	33	6,633	5	1,448	.....	.....	1	375	.....	.....	.....	.....	20,776	48,253	3
58	39,035	5	4,650	660	185,118	30	4,460	21	2,450	3	220	.....	.....	.....	.....	938,813	1,380,552	4
39	16,775	.....	.....	124	45,851	6	991	.....	.....	2	575	.....	.....	.....	.....	87,080	188,352	5
25	13,114	.....	.....	84	22,081	1	260	2	200	.....	.....	.....	.....	.....	.....	78,092	142,391	6
64	32,899	1	160	200	79,867	8	1,724	2	250	5	2,060	4	1,540	.....	.....	213,456	410,903	7
190	128,102	10	3,548	892	401,928	45	7,695	13	723	6	1,458	25	4,510	.....	.....	2,248,111	3,232,988	8
72	38,413	31	9,984	330	147,741	60	10,895	6	275	49	15,324	15	1,065	.....	.....	411,559	742,868	9
59	26,735	.....	.....	170	61,574	5	1,066	.....	.....	8	3,796	.....	.....	.....	.....	441,021	630,[illegible]69	10
90	49,732	5	2,060	227	88,747	15	4,343	1	156	4	750	1	150	.....	.....	458,328	708,763	11
40	21,684	.....	.....	64	28,434	2	388	1	175	.....	.....	1	240	.....	.....	146,689	250,606	12
22	11,596	.....	.....	96	33,947	3	568	1	100	4	489	.....	.....	.....	.....	393,602	516,872	13
35	19,117	.....	.....	53	15,321	2	150	.....	.....	3	355	1	100	.....	.....	105,623	174,798	14
40	18,981	.....	.....	76	27,942	4	1,122	1	168	1	234	.....	.....	.....	.....	108,237	204,082	15
31	14,275	.....	.....	137	48,352	26	2,078	12	496	17	2,660	.....	.....	.....	.....	877,149	1,089,990	16
49	23,948	1	250	154	54,308	10	2,220	2	95	5	1,885	.....	.....	.....	.....	230,508	393,438	17
24	12,562	.....	.....	75	28,912	.....	.....	.....	.....	3	939	.....	.....	.....	.....	159,266	236,371	18
29	12,662	.....	.....	162	57,507	1	208	.....	.....	.....	.....	.....	.....	.....	.....	78,909	192,520	19
45	20,440	.....	.....	114	47,950	7	1,283	.....	.....	3	235	.....	.....	.....	.....	365,154	511,263	20
12	6,956	.....	.....	85	34,401	.....	.....	.....	.....	1	286	.....	.....	.....	.....	49,491	107,568	21
8	3,342	1	50	49	14,673	1	312	1	100	3	625	.....	.....	.....	.....	139,104	197,819	22
73	37,909	5	1,734	197	66,765	16	2,375	.....	.....	14	3,770	.....	.....	.....	.....	484,625	719,132	23
533	357,659	69	21,884	4,063	1,496,474	231	36,006	320	44,198	52	13,949	26	4,425	18	1,800	4,228,531	7,088,262	24
39	21,336	.....	.....	98	30,779	2	476	3	598	8	3,000	.....	.....	.....	.....	125,211	219,451	25
41	18,780	1	520	154	46,409	6	1,875	3	525	2	200	.....	.....	.....	.....	202,202	332,917	26
30	13,325	.....	.....	96	29,854	4	550	.....	.....	2	725	.....	.....	.....	.....	160,781	246,547	27
21	10,371	.....	.....	38	10,997	6	1,248	1	208	9	3,418	.....	.....	.....	.....	74,654	143,831	28
46	24,795	2	404	154	66,546	12	2,200	6	700	1	50	.....	.....	.....	.....	441,777	647,248	29
332	273,978	22	9,564	2,921	1,282,593	213	33,674	106	17,152	327	160,277	54	14,390	11	1,625	3,878,099	6,599,046	30
9	3,656	.....	.....	16	4,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,671	50,285	31
501	435,483	28	13,772	3,555	1,521,770	169	39,674	73	8,429	273	131,239	277	67,163	.....	.....	6,237,395	10,316,491	32
7	5,280	.....	.....	10	3,263	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,924	15,764	33
55	24,255	1	50	213	78,391	22	1,355	8	234	7	1,431	.....	.....	.....	.....	657,334	849,170	34
48	26,238	1	240	164	66,506	6	1,334	1	156	4	1,300	.....	.....	.....	.....	355,434	522,301	35
20	9,205	.....	.....	56	19,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133,056	182,221	36
13	5,680	.....	.....	28	7,035	3	826	.....	.....	.....	.....	.....	.....	.....	.....	39,621	72,600	37
36	19,703	.....	.....	118	41,349	4	794	3	250	1	416	1	150	.....	.....	185,048	324,061	38
30	14,056	.....	.....	84	30,613	.....	.....	.....	.....	5	1,688	.....	.....	.....	.....	367,595	499,230	39
53	27,607	.....	.....	95	33,229	12	3,642	.....	.....	12	4,765	.....	.....	.....	.....	160,869	296,994	40
17	9,295	1	100	78	31,759	1	260	1	100	6	3,026	.....	.....	.....	.....	114,849	205,149	41
10	5,177	.....	.....	23	6,760	.....	.....	.....	.....	1	375	.....	.....	.....	.....	50,916	77,165	42
53	35,566	6	3,900	151	51,785	19	3,826	.....	.....	8	3,424	.....	.....	.....	.....	284,812	450,173	43
11	5,020	.....	.....	259	133,941	5	912	.....	.....	.....	.....	.....	.....	.....	.....	209,327	410,979	44
67	34,272	2	566	139	55,818	12	2,912	17	1,674	8	2,264	3	936	.....	.....	235,584	412,954	45
32	15,202	.....	.....	170	64,171	3	730	.....	.....	2	275	1	100	.....	.....	444,444	589,470	46
15	7,704	1	350	42	14,048	1	500	2	350	.....	.....	.....	.....	.....	.....	84,841	139,023	47
26	16,960	1	480	55	26,038	3	755	2	304	4	125	.....	.....	.....	.....	141,092	213,024	48
17	6,187	.....	.....	81	29,489	1	208	1	104	2	800	.....	.....	.....	.....	220,742	311,042	49
51	22,134	.....	.....	276	88,220	7	1,644	14	912	20	4,755	.....	.....	.....	.....	315,182	513,779	50
40	21,018	.....	.....	188	60,391	11	655	7	433	19	9,740	.....	.....	.....	.....	297,192	456,737	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES. Aggregates. Average number.	Total wages.
52	Jefferson	39	$250,026	$131,878	$11,090	$40,548	$80,240	$118,148	$14,559	259	$86,593
53	Johnson	124	810,721	430,193	50,350	139,910	239,933	380,128	106,364	655	270,801
54	Jones	74	471,820	269,957	27,415	85,770	156,772	201,863	38,057	409	150,412
55	Keokuk	64	249,237	156,150	14,505	62,807	78,838	93,087	13,539	219	84,143
56	Kossuth	26	138,490	87,565	12,000	31,600	43,965	50,925	11,185	177	60,683
57	Lee	328	5,143,569	1,947,941	379,059	601,622	967,260	3,195,628	379,003	4,145	1,978,419
58	Linn	221	2,983,026	2,050,103	271,645	1,025,185	753,273	932,923	333,952	2,776	1,385,074
59	Louisa	29	42,559	25,650	1,585	7,975	16,090	16,909	2,954	60	20,374
60	Lucas	24	94,189	48,877	6,745	13,325	28,807	45,312	4,665	79	27,488
61	Lyon	28	93,020	59,090	10,825	10,240	38,025	33,930	6,169	79	29,790
62	Madison	17	48,146	35,775	6,250	10,125	19,400	12,371	3,319	50	19,605
63	Mahaska	96	458,567	244,974	28,095	53,255	163,624	213,593	28,232	457	211,465
64	Marion	60	279,642	183,068	28,030	74,715	80,283	96,634	13,646	250	72,776
65	Marshall	162	2,230,532	1,193,384	105,319	340,710	747,355	1,037,148	270,000	1,588	631,443
66	Mills	23	74,708	39,035	4,030	13,705	21,300	35,673	8,667	155	27,947
67	Mitchell	40	178,226	117,370	7,310	38,787	71,273	60,856	7,856	161	63,257
68	Monona	48	94,938	56,320	3,740	17,975	34,605	38,618	9,254	108	38,638
69	Monroe	32	57,973	33,378	2,420	8,565	22,393	24,595	4,085	70	22,520
70	Montgomery	46	226,925	162,540	23,905	42,240	96,395	64,385	12,249	167	61,762
71	Muscatine	189	4,213,416	1,824,434	781,970	387,899	654,565	2,388,982	227,199	2,501	805,612
72	O'Brien	27	193,730	129,600	11,285	49,000	69,315	64,130	12,278	102	52,470
73	Osceola	17	65,520	39,165	2,720	10,820	25,625	26,355	5,797	41	20,332
74	Page	51	219,470	156,140	16,645	51,320	88,175	63,330	16,255	353	97,548
75	Pale Alto	19	80,183	39,545	3,745	8,975	26,825	40,638	4,504	57	23,432
76	Plymouth	40	371,156	240,615	54,650	62,975	122,990	130,541	19,780	166	72,071
77	Pocahontas	19	43,295	32,340	5,355	10,550	16,435	11,055	2,063	47	15,758
78	Polk	346	3,906,240	2,110,490	458,834	647,042	1,004,614	1,795,750	443,267	3,974	2,078,058
79	Pottawattamie	170	1,457,549	750,059	201,745	285,795	262,519	707,490	103,973	1,700	863,223
80	Poweshiek	48	705,964	135,793	20,010	56,510	59,273	570,171	48,051	321	100,061
81	Ringgold	14	25,669	17,160	3,710	4,825	8,625	8,509	2,041	27	8,580
82	Sac	57	187,598	115,857	18,925	50,067	46,865	71,741	11,453	140	56,716
83	Scott	504	8,910,293	4,005,407	1,194,864	1,186,195	1,624,348	4,904,886	792,315	5,280	2,270,070
84	Shelby	22	42,813	31,265	5,085	11,110	15,010	11,608	2,905	35	14,673
85	Sioux	50	205,042	151,265	20,610	26,600	104,055	53,777	23,532	147	59,006
86	Story	47	144,194	87,101	6,032	26,429	54,640	57,093	9,193	182	52,462
87	Tama	54	186,749	125,885	16,965	44,285	64,635	60,864	15,546	176	75,487
88	Taylor	30	77,310	42,100	3,075	9,345	29,680	35,210	5,121	86	27,813
89	Union	73	374,111	229,899	16,570	52,950	160,379	144,212	15,987	525	202,943
90	Van Buren	47	399,157	183,315	20,155	56,195	106,965	215,842	23,350	368	122,260
91	Wapello	136	1,526,674	664,766	100,190	138,525	426,051	861,908	207,640	2,513	1,220,802
92	Warren	30	110,727	82,551	7,395	29,560	45,596	28,176	4,990	103	96,861
93	Washington	51	279,375	173,912	22,840	69,428	81,644	105,463	12,861	232	78,694
94	Wayne	16	37,294	27,470	2,550	10,850	14,070	9,824	2,091	37	12,414
95	Webster	114	335,137	203,111	30,090	52,270	120,751	132,026	81,566	586	223,401
96	Winnebago	9	39,235	19,615	1,580	5,500	11,935	11,220	2,614	31	12,854
97	Winneshiek	101	452,807	310,351	37,810	122,275	150,266	142,456	33,097	461	194,313
98	Woodbury	242	5,455,766	2,422,562	761,032	633,025	1,028,445	3,033,264	505,257	3,167	1,027,010
99	Worth	17	59,436	30,665	2,750	9,310	18,605	19,771	3,302	90	35,519
100	Wright	28	138,366	64,800	8,015	23,100	33,685	73,566	5,546	135	65,520

KANSAS.

BY SPECIFIED INDUSTRIES.

1	All industries	4,471	43,926,602	23,913,090	4,716,300	8,734,553	10,462,237	20,012,912	5,853,466	32,843	16,328,485
2	Agricultural implements	7	91,460	37,100	7,800	10,500	18,800	54,300	5,331	71	31,748
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	737	727,752	448,029	153,802	153,642	140,585	279,723	48,993	1,090	464,393
4	Bookbinding and blank-book making. (See also Printing and publishing.)	6	30,710	14,900	.....	.....	14,900	15,810	7,137	35	20,546
5	Boots and shoes, custom work and repairing.	188	126,421	85,650	33,035	25,465	27,150	40,771	17,132	250	100,609
6	Bread and other bakery products	91	314,957	205,313	69,465	75,000	60,848	109,644	54,704	350	168,800
7	Brick and tile. (See also Clay and pottery products.)	87	788,607	446,777	128,820	111,265	206,692	341,830	45,896	1,280	313,146
8	Bridges	3	120,090	39,090	9,000	7,150	22,940	81,000	5,713	352	350,034
9	Brooms and brushes	51	122,093	87,810	32,205	48,750	6,255	34,283	4,548	117	41,533
10	Carpentering	234	629,463	180,950	74,192	51,382	55,376	448,513	70,647	1,382	735,102
11	Carpets, rag	5	1,375	845	220	235	390	530	382	8	1,800

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
51	$17,664	10	$500	186	$65,162	5	$1,507	2	$104	5	$1,656					$136,694	$288,771	52
80	51,306	9	2,978	471	187,912	31	5,433	11	976	45	19,796	8	$2,400			1,020,938	1,596,406	53
66	29,245			260	99,688	1	54	2	285	25	10,120	55	11,050			695,403	1,023,732	54
50	26,574	6	1,978	145	51,491	14	3,146	3	354	1	600					302,769	493,659	55
22	11,252	1	400	153	48,956			1	75							182,112	307,272	56
489	392,542	40	17,641	2,649	1,147,421	296	69,257	74	7,932	401	321,919	183	19,208	13	$2,499	4,580,755	7,977,198	57
290	240,115	31	13,228	2,071	1,031,026	113	28,109	73	8,133	96	51,604	102	12,859			7,012,365	9,485,824	58
24	11,486			34	8,088	2	800									29,047	62,274	59
20	8,615			48	16,748	8	1,875	3	250							37,751	92,745	60
20	9,033			54	19,691	2	716	3	350							65,870	129,970	61
16	7,085	1	260	31	11,420					2	840					61,695	100,181	62
67	36,040	2	1,404	328	152,292	50	14,429	2	300	8	7,000					385,258	783,856	63
42	17,084	7	1,680	177	51,365	10	1,277	5	202	8	976	1	192			177,997	339,932	64
150	99,583	34	12,967	982	466,201	81	19,150	28	3,683	64	26,065	249	3,854			2,205,369	3,493,772	65
20	9,869			66	15,651	10	1,165			9	766	50	1,096			75,107	137,415	66
37	16,220			106	44,138	9	2,203	2	175	7	521					363,279	480,176	67
22	10,945	4	1,600	75	24,968	4	900	3	225							59,198	127,434	68
5	2,882	1	520	57	15,843	3	500	1	100	12	2,675					53,365	104,561	69
41	17,658	1	364	116	42,560	5	909	4	331							145,741	263,356	70
179	112,519	18	8,001	1,891	599,926	51	8,385	119	14,789	122	49,884	78	7,288	43	4,820	2,678,192	4,248,621	71
19	12,520	1	600	76	37,050	2	1,075	1	300	2	300	1	625			189,890	269,610	72
15	9,550			26	10,782											119,765	166,692	73
43	22,620	2	515	211	69,934	51	2,534	45	1,805	1	140					200,941	357,270	74
9	5,327			45	17,617	2	300	1	208							97,109	146,342	75
36	20,310			121	49,641	8	1,665			1	455					602,191	745,768	76
9	4,830	1	520	30	9,111	6	1,147			1	150					47,139	74,477	77
475	421,188	49	19,922	2,795	1,403,185	445	116,620	57	8,764	110	34,915	43	13,461			4,457,098	7,979,300	78
173	132,642	5	3,400	1,298	649,702	115	21,048	39	4,364	63	50,183	2	884			1,492,287	2,827,420	79
44	29,153	2	900	244	120,396	18	5,629	3	450	5	2,625	5	1,508			310,766	588,100	80
10	3,896			14	4,168	2	416			1	100					22,831	40,395	81
42	22,301	4	1,444	86	31,965	4	624	2	82	2	300					278,580	390,701	82
655	572,175	48	26,387	2,885	1,255,558	429	86,972	88	11,233	526	240,934	534	79,085	115	4,635	6,286,626	10,685,316	83
18	9,369			16	5,156					1	150					16,866	42,020	84
34	18,806	1	500	103	38,376	3	1,000	2	112	1	70			3	142	278,704	399,492	85
21	11,215	3	1,000	146	38,012	9	1,700	2	67	1	468					113,604	208,709	86
51	27,011	1	312	116	46,939	6	1,011	2	214							152,075	293,943	87
19	10,521	2	488	43	11,571	7	1,125	2	144	13	3,964					50,513	99,710	88
43	25,244	2	416	448	228,651	26	7,852	5	480	1	300					292,063	634,109	89
50	29,565			201	69,388	70	16,940	27	2,332	4	775	16	3,260			413,340	649,798	90
214	164,320	11	3,080	1,725	903,531	279	73,543	117	20,147	131	48,317	22	5,024	14	2,900	3,439,768	5,141,645	91
23	13,125	1	150	70	22,169	7	1,334	1	25	1	58					74,641	131,364	92
50	23,353	1	91	158	51,386	9	2,020	4	360	9	1,409	1	75			222,606	376,652	93
11	4,545			22	6,748	2	521			1	400	1	200			51,845	79,774	94
127	58,877	16	4,649	344	127,331	34	5,174	1	78	56	25,252	7	1,940	1	100	381,367	724,005	95
7	4,752			24	8,102											133,771	159,932	96
78	41,097	8	2,011	320	136,963	28	4,789			25	9,141	2	312			776,489	1,107,139	97
378	351,798	37	17,822	2,434	1,401,407	135	39,364	52	7,235	113	103,964	18	5,420			10,424,538	14,343,545	98
13	7,548			72	27,594	1	104	2	153	2	120					164,270	219,073	99
37	18,249			93	46,356	2	475			3	440					182,351	268,651	100

KANSAS.

BY SPECIFIED INDUSTRIES.

4,311	2,915,686	205	124,624	23,022	11,771,341	1,541	323,763	603	70,776	1,824	956,614	969	160,758	278	4,923	78,845,167	110,219,805	1
19	11,973			36	16,125					12	2,850			4	800	47,605	101,084	2
676	302,217	1	200	386	153,679			2	300	25	8,002					277,135	967,746	3
6	6,700			20	12,170	9	1,676									12,849	62,840	4
160	71,061			59	23,804			1	250	30	11,494					73,960	226,023	5
92	58,518	16	4,779	211	99,742	21	4,055	9	1,454	1	312					378,052	754,716	6
52	27,478	2	443	1,054	244,717	4	420	65	5,449	103	34,639					128,701	667,457	7
33	41,664			319	309,270											467,557	897,730	8
45	19,574			35	10,188	1	144	3	150	30	11,397	1	20	2	60	45,399	109,300	9
190	116,852	1	468	1,156	604,633					35	13,209					1,320,129	2,387,835	10
1	400	5	1,200			1	75			1	125					1,965	4,645	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	85	$1,107,392	$399,685	$118,975	$207,850	$72,860	$707,707	$76,520	462	$260,904
13	Cars and general shop construction and repairs by steam railroad companies.	26	1,683,210	1,331,740	133,080	707,970	490,690	351,470	.....	2,879	1,769,275
14	Cheese, butter, and condensed milk, factory product.	101	433,792	359,328	24,192	174,250	160,886	74,464	22,939	312	111,143
15	Clay and pottery products. (See also Brick and tile.)	6	21,275	16,180	2,900	8,450	4,830	5,095	1,390	36	11,390
16	Clothing, men's, custom work and repairing.	143	394,044	82,329	31,350	31,966	19,013	311,715	47,198	651	380,504
17	Clothing, men's, factory product	7	95,904	20,929	6,000	5,194	9,735	74,975	7,220	318	78,392
18	Clothing, women's, dressmaking	134	97,449	57,242	19,800	27,950	9,492	40,207	19,825	444	128,255
19	Coke	6	17,960	17,040	600	75	16,365	920	565	19	5,845
20	Confectionery	20	74,665	46,055	11,400	15,050	19,605	28,610	7,136	86	43,073
21	Cooperage	13	144,267	70,128	34,200	20,932	14,996	74,139	11,508	271	148,123
22	Dentistry, mechanical	31	24,718	14,037	150	800	13,087	10,681	5,561	38	17,631
23	Dyeing and cleaning	8	4,665	2,590	.....	.....	2,590	2,075	2,723	19	9,054
24	Flouring and grist mill products	348	7,844,280	5,085,043	798,485	1,409,039	2,886,519	2,759,237	599,986	2,069	1,053,505
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	69	2,624,807	1,412,892	395,750	412,473	604,669	1,211,915	145,683	1,631	1,053,340
26	Fruits and vegetables, canning and preserving. (See also Pickles, preserves, and sauces.)	12	261,433	96,924	13,140	44,117	39,667	164,509	17,614	1,171	69,528
27	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	28	75,645	44,130	10,175	19,950	14,005	31,515	8,505	58	26,035
28	Furniture, factory product. (See also Furniture, chairs.)	4	151,375	82,275	12,550	42,600	27,125	69,100	19,249	160	65,188
29	Gas, illuminating and heating	12	1,153,228	1,104,167	98,480	104,500	901,187	49,061	20,415	73	55,101
30	Grease and tallow. (See also Soap and candles.)	5	175,800	159,050	72,000	45,700	41,350	16,750	11,476	87	43,720
31	Hand stamps	3	2,110	1,500	.....	.....	1,500	610	1,746	8	4,351
32	Hay and straw, baling	4	15,580	7,970	545	4,000	3,425	7,610	945	34	10,126
33	Ice, artificial	4	153,645	148,750	15,000	28,250	105,500	4,895	9,070	72	30,030
34	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	12	141,528	69,113	21,700	17,700	29,713	72,415	10,656	128	73,806
35	Lime and cement	10	161,628	123,223	22,600	38,850	66,773	33,405	9,236	117	47,081
36	Lock and gun smithing	17	17,881	14,205	2,800	5,400	6,005	3,676	1,695	24	9,088
37	Looking-glass and picture frames	8	12,157	1,927	500	300	1,127	10,230	1,372	14	6,034
38	Lumber and other mill products from logs or bolts.	27	70,865	52,915	5,670	5,270	41,975	17,950	4,109	120	16,179
39	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	36	627,282	363,347	95,225	88,500	179,622	263,935	31,358	449	297,159
40	Marble and stone work. (See also Monuments and tombstones.)	14	98,872	60,645	14,600	6,650	39,395	38,227	3,967	209	100,300
41	Masonry, brick and stone. (See also Plastering and stucco work.)	86	704,045	99,215	32,550	27,000	39,665	604,830	34,179	1,609	921,059
42	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	9	24,035	8,190	600	3,350	4,240	15,845	3,670	46	20,051
43	Millinery, custom work	98	238,702	41,905	17,000	20,100	4,805	196,797	35,461	324	98,728
44	Mineral and soda waters	22	81,352	65,005	10,375	11,630	43,000	16,347	7,560	81	38,351
45	Monuments and tombstones. (See also Marble and stone work.)	40	149,885	41,925	15,825	12,750	13,350	107,960	11,561	141	82,268
46	Painting and paper hanging	48	115,578	32,710	9,250	14,900	8,560	82,868	12,324	196	108,590
47	Patent medicines and compounds	4	13,253	1,266	.....	.....	1,266	11,987	5,247	23	8,759
48	Paving and paving materials	9	513,344	305,198	.....	.....	305,198	208,146	34,678	267	114,741
49	Photography	53	66,669	47,450	1,900	6,400	39,150	19,210	12,829	89	46,849
50	Plastering and stucco work. (See also Masonry, brick and stone.)	34	48,212	30,720	7,100	11,190	12,430	17,492	1,884	180	74,902
51	Plumbing and gas fitting	21	147,200	29,875	9,000	11,100	9,775	117,325	9,365	178	120,536
52	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	39	523,084	262,053	.....	.....	262,053	261,031	44,682	346	230,726
53	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	627	2,313,876	1,622,840	147,900	188,061	1,286,879	691,036	348,083	2,588	1,132,043
54	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	19	73,235	43,650	19,400	14,625	9,625	29,585	5,101	73	45,041
55	Saddlery and harness	229	887,469	298,070	112,880	138,885	46,305	589,399	57,498	683	372,646
56	Salt	23	781,085	614,118	94,005	435,039	85,074	166,967	30,301	449	187,600

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
88	$73,617			363	$189,982			1	$208	10	$3,097					$272,303	$703,625	12
60	46,949			2,817	1,721,870	2	$456									1,874,646	3,644,038	13
41	16,694			255	92,744	11	1,373	2	188	3	144					713,677	919,787	14
6	3,294			20	5,844			3	192	7	2,060					4,696	23,117	15
117	88,123	2	$1,650	194	123,155	62	21,366	2	500	206	124,854	67	$20,756	1	$100	358,074	911,104	16
9	4,600	5	1,850	27	12,840	62	10,560			3	2,012	212	46,530			97,448	215,864	17
6	4,625	93	42,127			290	69,895	1	104			54	6,504			150,297	371,376	18
				18	5,695					1	150					9,099	26,593	19
18	15,165	2	835	60	25,648	6	2,085									95,876	170,300	20
12	10,942	1	180	50	28,507			2	250	206	108,244					315,493	556,173	21
32	15,355			4	1,880	1	146			1	250					12,019	44,594	22
6	4,760			6	2,484	7	1,810									2,639	19,680	23
440	316,093	6	3,354	1,603	730,084	3	483	6	536	11	2,955					14,285,990	17,420,475	24
129	137,982	1	300	1,395	820,172			7	1,680	99	93,206					1,214,507	2,756,825	25
18	8,700			159	23,673	283	15,884	97	3,225	35	7,887	326	7,676	253	2,483	147,801	292,505	26
18	9,257			35	16,158	1	120	3	350	1	150					31,266	82,727	27
9	8,524	1	240	113	42,650			9	880	28	12,894					57,081	160,414	28
19	13,728	1	1,800	53	39,573											52,010	232,665	29
13	11,886			67	36,593					7	250					103,199	181,150	30
3	1,895			2	480	3	1,976									1,117	7,790	31
7	2,840			25	6,886	2	400									20,093	36,819	32
11	8,590			59	21,800			2	240							18,135	87,314	33
18	16,333			106	61,669			4	804							133,545	287,528	34
9	7,946			107	38,991					1	144					21,604	146,649	35
17	7,414			6	1,474					1	200					3,567	17,120	36
4	2,276			9	4,208	1	150									8,516	27,580	37
18	2,624			100	13,355			2	200							43,298	85,521	38
64	51,732	3	1,968	380	213,251			2	208							348,157	828,494	39
9	5,997			200	94,303											53,815	186,821	40
67	57,262	1	300	1,457	813,681			2	104	82	49,712					1,132,045	2,326,328	41
5	3,816			27	10,763	6	1,876	1	156	6	3,320	1	120			32,191	71,522	42
16	9,369	95	38,541	1	300	197	48,843					14	1,575	1	100	234,853	444,453	43
33	20,587			48	17,764											29,004	106,822	44
38	26,320	2	400	100	55,448					1	100					78,075	233,049	45
46	29,443	2	700	141	75,647			1	300	6	2,500					92,880	242,977	46
9	6,240	1	780	3	925	4	364			6	450					7,657	29,860	47
10	7,835			252	105,906					5	1,000					197,423	428,915	48
40	24,237	1	780	26	14,739	20	6,393			2	700					37,638	136,592	49
20	9,487			160	65,415											56,173	154,687	50
20	16,646			145	100,296	1	260	10	1,334	2	2,000					168,604	342,616	51
54	50,561	3	1,768	219	156,273	51	16,814	10	1,806	8	3,360	1	144			209,311	544,756	52
562	360,966	34	11,789	1,346	568,348	243	59,730	223	24,599	150	99,917	28	6,594	2	100	556,941	2,514,749	53
21	17,648			52	27,393											69,020	134,901	54
226	139,841	2	624	324	163,915			1	50	123	67,411	7	805			591,621	1,209,909	55
40	32,805			304	123,279	16	4,080			89	27,496					352,574	697,862	56

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
57	Shirts. (See also Furnishing goods, men's.)	5	$27,425	$15,150	$900	$12,000	$2,250	$12,275	$6,128	89	$26,064
58	Slaughtering and meat packing, wholesale.	15	11,064,683	4,657,473	1,241,225	2,606,319	809,899	6,407,210	3,318,262	5,210	2,893,025
59	Slaughtering, wholesale, not including meat packing.	3	21,375	15,750	7,100	6,500	2,150	5,625	3,938	13	6,640
60	Soap and candles. (See also Grease and tallow.)	9	130,379	69,000	19,200	24,750	25,050	61,379	15,905	55	30,039
61	Sugar and molasses, refining	22	398,700	342,675	29,475	45,450	267,750	56,025	20,938	313	35,664
62	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	162	450,418	279,150	97,395	105,845	66,910	180,268	27,880	336	178,556
63	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	110	301,777	67,000	27,150	24,000	15,850	234,777	73,374	434	190,885
64	Trunks and valises	4	24,975	6,775	3,000	3,000	775	18,200	2,231	23	13,581
65	Vinegar and cider	15	125,841	95,240	29,900	33,950	31,390	30,601	5,858	86	25,974
66	Washing machines and clothes wringers.	6	4,420	3,455	455	1,650	1,350	965	100	10	4,151
67	Watch, clock, and jewelry repairing. (See also Jewelry.)	58	29,500	15,975	.....	.....	15,975	13,525	9,923	76	42,998
68	Windmills	7	44,261	31,150	4,930	12,575	13,645	13,111	1,812	24	10,911
69	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	18	139,111	26,337	8,127	8,793	9,417	112,774	2,816	68	30,403
70	Zinc	4	218,000	96,000	13,000	63,000	20,000	122,000	4,220	348	223,070
71	All other industries (a)	70	3,623,797	1,859,947	285,652	943,486	630,809	1,763,850	344,918	1,591	870,969

a Embraces artificial limbs, 2; awnings, tents, and sails, 2; bags, other than paper, 1; baking and yeast powders, 1; baskets and rattan and willow ware, 2; boot and shoe uppers, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; chemicals, 1; china, decorating, 1; coffee and spice, roasting and grinding, 1; cordage and twine, 2; corsets, 2; electroplating, 1; flavoring extracts, 1; furnishing goods, men's, 1; furniture, chairs, 1; glass, cutting, staining, and ornamenting, 1; glucose, 1; gold and silver, reducing and refining, not from the ore, 1; gunpowder, 1;

BY COUNTIES.

[No manufactures reported from Greeley county.]

1	The State	4,471	43,926,002	23,913,090	4,716,300	8,734,553	10,462,237	20,012,912	5,853,466	32,843	16,328,485
2	Allen	37	162,321	86,485	14,375	43,315	28,795	75,836	10,919	100	45,305
3	Anderson	32	93,139	67,690	11,380	17,985	38,325	25,449	9,263	179	33,072
4	Atchison	155	1,839,429	914,360	190,595	280,410	443,355	925,069	114,194	2,023	072,010
5	Barber	20	235,547	194,985	7,350	40,575	147,060	40,562	6,995	142	34,254
6	Barton	42	175,937	116,167	18,537	33,175	64,455	59,770	12,551	129	62,341
7	Bourbon	68	1,155,710	683,485	96,310	103,214	483,961	472,225	68,735	903	402,836
8	Brown	80	156,869	84,160	18,410	24,275	41,475	72,709	13,068	194	85,050
9	Butler	42	148,566	113,415	7,100	27,370	78,945	35,151	9,498	94	33,340
10	Chase	21	76,319	52,405	8,020	19,210	25,175	23,914	3,916	57	20,584
11	Chautauqua	16	44,215	30,460	4,550	6,875	19,035	13,755	2,638	54	12,210
12	Cherokee	42	434,431	332,608	49,962	145,225	137,421	101,823	29,458	313	138,520
13	Cheyenne	4	7,375	5,900	1,000	2,500	2,400	1,475	778	5	1,955
14	Clark	5	6,092	4,280	650	1,180	2,450	1,812	610	7	3,440
15	Clay	60	171,572	110,905	20,485	28,200	62,220	60,667	15,739	172	67,090
16	Cloud	57	137,907	88,803	18,987	26,722	43,094	49,104	11,290	137	52,711
17	Coffey	25	88,890	65,530	6,925	21,715	36,890	23,360	5,661	73	26,065
18	Comanche	7	14,605	12,100	800	1,600	9,700	2,505	1,284	16	8,703
19	Cowley	115	504,053	327,465	47,455	77,425	202,585	176,588	44,395	535	278,147
20	Crawford	65	608,417	354,787	60,510	143,395	150,882	253,630	26,860	695	358,457
21	Decatur	13	42,459	31,675	1,575	8,500	21,600	10,784	4,453	28	13,277
22	Dickinson	53	626,939	356,260	97,265	85,450	173,545	270,679	37,708	249	118,482
23	Doniphan	38	165,689	88,325	9,130	29,655	49,540	77,364	8,690	114	29,907
24	Douglas	168	1,194,431	675,823	83,177	197,400	395,246	518,608	82,724	1,011	403,057
25	Edwards	6	107,120	79,770	18,550	6,650	54,570	27,350	11,902	22	7,378
26	Elk	30	78,417	46,890	3,935	18,150	24,805	31,527	6,130	96	25,104
27	Ellis	8	89,941	62,800	4,500	24,500	33,800	27,141	6,611	35	20,545
28	Ellsworth	19	160,898	114,961	8,685	34,175	72,101	45,937	14,522	80	28,902
29	Finney	11	31,640	13,625	400	200	13,025	18,015	2,257	30	13,703
30	Ford	14	28,049	22,400	2,050	6,750	13,600	5,649	1,693	46	23,833
31	Franklin	46	418,121	310,531	36,425	120,258	153,848	107,590	34,176	304	145,716
32	Garfield	6	5,382	3,800	325	1,800	1,675	1,582	726	14	2,826
33	Geary	54	189,892	124,888	17,280	41,950	65,658	64,914	16,138	339	156,072
34	Gove	8	9,227	7,050	635	1,750	4,665	2,177	794	17	4,702
35	Graham	12	19,617	10,650	2,000	2,500	6,150	8,967	1,293	19	6,367
36	Grant	4	15,770	3,150	25	50	3,075	12,620	865	14	5,576

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$5,190			14	$7,094	24	$6,605			12	$550	32	$6,625			$32,520	$73,700	57
196	246,256	6	$4,240	4,400	2,389,016	48	16,060	103	$22,160	288	161,772	169	53,521			36,031,824	44,592,671	58
3	2,860			10	3,780											88,190	103,406	59
16	14,610			30	13,329	1	250	1	250	3	800	4	800			160,667	253,219	60
12	1,935			298	33,599	1	78	2	52							83,709	151,466	61
107	59,774			219	116,627	1	175	2	150	7	1,830					229,567	537,209	62
87	51,160	1	300	143	53,926	30	7,136	11	1,210	142	73,893	15	2,780	5	$480	199,387	534,117	63
5	4,400			18	9,181											17,900	36,500	64
16	11,565	1	178	67	14,071	2	160									42,896	112,259	65
4	1,641			4	1,570					2	940					2,169	9,300	66
35	22,958			39	20,390			1	250	1	300					12,749	83,102	67
6	4,550			18	6,361											15,385	36,058	68
17	10,602	1	400	37	11,888			1	25	12	7,488					308,848	367,691	69
7	7,200			339	216,570					2	200					637,000	963,500	70
111	104,504	5	2,430	1,272	723,550	126	21,865	11	1,162	18	10,350	38	6,308	10	800	13,932,476	16,130,845	71

hairwork, 1; hardware, 1; hosiery and knit goods, 1; jewelry, 1; kaolin and other earth grinding, 1; leather, tanned and curried, 2; lithographing and engraving, 1; models and patterns, 1; musical instruments and materials, not specified, 2; oil, linseed, 2; oil, lubricating, 1; optical goods, 2; paints, 1; paper, 1; perfumery and cosmetics, 1; photographic materials, 2; pickles, preserves, and sauces, 1; pipes, tobacco, 2; pumps, not including steam pumps, 2; scales and balances, 1; smelting and refining, 1; starch, 1; steam fittings and heating apparatus, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; upholstery materials, 1; wood, turned and carved, 2; woolen goods, 1.

BY COUNTIES.

[No manufactures reported from Greeley county.]

4,311	2,915,686	295	124,624	23,022	11,771,341	1,541	323,763	603	70,776	1,824	956,614	969	160,758	278	4,923	78,845,167	110,219,805	1
33	16,168	1	468	73	28,391	1	180	1	98							82,253	152,688	2
30	11,785			71	17,427	42	1,630	31	830	5	2,300					76,221	127,690	3
156	135,370	13	7,610	1,124	658,896	50	11,812	11	2,085	202	134,815	266	21,922	201	400	2,584,130	4,053,881	4
19	10,093			119	23,768	1	130	1	104	2	159					116,015	173,898	5
37	19,730			77	39,963	8	1,633	4	415	3	600					212,442	326,069	6
97	68,616	2	438	766	381,918	10	2,172	13	1,332	11	7,360	4	1,000			895,295	1,555,962	7
63	32,562	6	2,229	95	42,669	13	3,455	2	242	12	3,529	3	1,264			169,009	306,701	8
25	10,343			64	22,077	3	754	1	25	1	150					134,257	203,012	9
17	6,118			40	14,466											35,811	69,426	10
12	5,079			26	6,079	15	1,000	1	52							81,857	58,336	11
40	17,841	4	915	226	112,335	15	2,812			17	4,397	11	220			406,863	658,808	12
4	1,834			1	121											1,092	4,792	13
4	2,230			3	1,216											1,763	6,678	14
52	26,045	5	1,260	91	36,800	13	2,797	6	344	2	425	3	325			257,963	393,622	15
42	18,563			78	29,583	8	2,776	4	708	5	1,081					75,207	167,269	16
18	9,347			42	12,435			3	127	9	4,556	1	500			94,233	159,838	17
9	5,734			7	2,969											47,183	70,406	18
76	47,780	14	5,758	369	207,356	32	8,416	5	622	13	4,282	26	3,933			526,926	1,017,975	19
53	36,537	2	700	597	309,093	3	515	12	1,700	24	9,112			4	800	1,022,127	1,606,282	20
12	6,590	1	200	14	6,045	1	442									59,840	92,763	21
51	32,794	3	1,070	179	80,384	4	1,224	6	410	6	2,600					645,468	898,157	22
28	9,848			86	20,059											177,451	254,771	23
151	102,124	25	8,721	491	206,260	129	30,111	5	468	71	41,788	109	13,288	30	1,197	1,467,911	2,195,493	24
4	2,160			18	5,218											70,625	99,942	25
18	7,691			50	15,512	18	776	7	350	3	775					49,166	97,902	26
8	5,145	1	1,100	26	14,300											147,102	195,604	27
18	9,214			56	19,082	2	369	4	237							214,279	294,885	28
14	8,237			12	4,822	2	504			2	200					6,786	26,494	29
5	1,937			39	21,600	1	200			1	96					19,835	47,476	30
47	23,725	3	822	239	118,410	15	2,759									403,417	650,493	31
4	1,178			5	874	5	776									5,114	9,975	32
44	25,801	3	1,010	240	125,770	4	755	3	350	11	1,611	4	775			407,186	641,767	33
8	3,052			8	1,550			1	100							3,545	11,813	34
7	2,824			9	2,843					3	700					4,317	14,693	35
3	1,449			9	3,980			1	72	1	75					6,477	15,472	36

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KANSAS—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
37	Gray	6	$5,140	$4,225	$175	$500	$3,550	$915	$345	6	$2,538
38	Greenwood	45	64,997	45,260	4,910	6,485	33,865	19,737	6,545	65	21,120
39	Hamilton	7	7,097	5,675	125	325	5,225	1,422	741	10	3,712
40	Harper	27	261,111	216,810	26,495	71,928	118,387	44,301	16,639	161	43,031
41	Harvey	83	577,629	322,532	27,875	127,800	166,857	255,097	41,746	343	159,483
42	Hodgeman	10	13,460	10,930	2,050	4,040	4,840	2,530	1,064	13	4,520
43	Jackson	30	63,067	33,795	2,925	10,695	20,175	29,272	4,986	59	22,953
44	Jefferson	53	238,982	173,307	29,355	53,700	90,252	65,675	15,273	142	47,718
45	Jewell	22	34,376	22,562	2,567	3,870	16,125	11,814	2,474	75	13,470
46	Johnson	34	134,538	87,605	7,375	32,175	48,055	46,933	7,643	219	45,884
47	Kearny	5	13,415	5,190	100	750	4,340	8,225	794	19	8,394
48	Kingman	58	379,410	166,935	22,520	45,300	99,115	212,475	21,989	375	189,241
49	Kiowa	10	18,720	8,245	1,320	2,150	4,775	10,475	1,835	18	6,012
50	Labette	80	605,815	386,945	29,775	115,880	241,290	218,870	43,152	631	296,478
51	Lane	10	10,510	6,540	290	400	5,850	3,970	1,216	18	4,494
52	Leavenworth	246	4,194,281	1,928,600	371,465	605,662	951,473	2,265,681	391,050	2,746	1,498,601
53	Lincoln	8	51,525	40,275	14,550	6,400	19,325	11,250	5,690	27	9,076
54	Linn	39	134,150	72,100	7,515	21,100	43,485	62,050	17,142	98	41,018
55	Logan	5	4,505	3,275	150	115	3,010	1,230	485	10	3,712
56	Lyon	54	277,106	154,090	39,310	41,750	73,030	123,076	21,491	399	189,744
57	McPherson	63	264,560	175,640	22,365	60,000	93,275	88,920	17,066	180	78,258
58	Marion	58	203,923	147,825	20,840	42,375	84,610	56,098	13,118	166	69,522
59	Marshall	84	528,405	292,263	78,840	85,305	128,118	236,142	31,580	262	99,408
60	Meade	5	8,551	7,355	525	1,130	5,700	1,196	750	21	2,078
61	Miami	48	170,989	99,836	15,081	34,775	49,980	71,153	8,257	382	198,232
62	Mitchell	30	170,115	107,515	30,750	25,050	51,715	62,600	11,080	85	41,074
63	Montgomery	38	195,039	135,955	13,470	52,090	70,395	59,084	12,242	163	60,547
64	Morris	29	77,033	52,155	10,350	13,415	28,390	24,878	4,088	93	24,545
65	Morton	3	3,900	2,800	400	700	1,700	1,100	388	4	1,482
66	Nemaha	70	192,143	108,530	17,890	30,804	59,836	83,613	20,589	264	94,608
67	Neosho	36	139,541	109,315	17,200	29,000	63,115	30,226	6,611	114	40,652
68	Ness	13	50,679	33,130	3,890	11,850	17,390	17,549	4,519	35	16,981
69	Norton	16	61,471	47,760	7,050	9,500	31,210	13,711	5,070	37	15,247
70	Osage	74	174,454	115,515	16,535	37,673	61,307	58,939	11,018	229	70,098
71	Osborne	29	102,963	77,945	13,970	16,500	47,475	25,018	5,629	83	34,658
72	Ottawa	28	61,275	41,435	3,860	11,100	26,475	19,840	6,928	64	21,462
73	Pawnee	9	115,420	85,256	8,950	37,450	39,850	29,170	7,619	36	13,119
74	Phillips	25	102,960	71,105	14,715	18,400	37,990	31,855	7,314	79	20,841
75	Pottawatomie	47	173,017	106,325	11,585	28,140	66,600	66,692	18,119	181	41,447
76	Pratt	15	106,075	83,585	20,800	20,025	42,760	22,490	8,823	34	14,695
77	Rawlins	7	13,625	11,300	1,200	1,000	9,100	2,325	4,358	16	7,873
78	Reno	146	1,943,894	1,021,287	189,665	552,620	279,002	922,607	187,137	1,438	867,384
79	Republic	23	47,411	32,110	2,895	7,385	21,830	15,301	5,336	41	16,070
80	Rice	45	240,210	173,399	20,369	48,690	104,340	66,811	16,311	178	65,955
81	Riley	71	254,386	176,045	34,285	61,090	80,670	78,341	15,503	268	117,205
82	Rooks	14	46,405	34,360	4,900	8,525	20,935	12,135	3,724	32	11,713
83	Rush	10	35,225	25,135	1,280	5,925	17,930	10,090	2,075	29	8,350
84	Russell	15	80,448	55,601	4,085	16,515	35,001	24,847	6,934	35	16,062
85	Saline	86	765,041	483,892	94,715	135,900	253,277	281,149	76,880	365	153,037
86	Scott	5	8,772	6,160	850	635	4,675	2,612	589	12	3,522
87	Sedgwick	175	3,162,519	1,592,318	319,750	662,175	610,393	1,570,201	310,233	1,809	942,172
88	Seward	3	3,360	2,850	.....	.....	2,850	510	746	5	1,435
89	Shawnee	384	3,404,029	2,271,957	398,145	863,450	1,070,362	1,132,072	279,152	3,470	1,874,899
90	Sheridan	5	13,595	9,910	2,610	3,250	4,050	3,595	837	8	2,781
91	Sherman	7	10,625	8,025	1,400	1,925	4,700	2,600	974	18	5,784
92	Smith	16	73,193	53,285	3,415	15,370	34,500	19,908	5,880	47	18,916
93	Stafford	11	18,835	13,115	1,025	1,210	10,880	5,720	1,488	25	8,272
94	Stanton	3	2,250	1,725	25	150	1,550	525	545	6	1,391
95	Stevens	3	2,133	1,810	10	200	1,600	323	410	5	1,092
96	Sumner	94	478,855	269,226	36,330	81,846	151,050	209,629	30,928	311	151,109
97	Thomas	11	12,993	8,575	425	425	7,725	4,418	1,318	26	8,296
98	Trego	3	7,150	3,615	540	1,050	2,025	3,535	241	5	2,062
99	Wabaunsee	45	199,125	138,360	19,780	51,875	66,705	60,765	12,729	140	53,011
100	Wallace	4	3,435	2,635	425	260	1,950	800	312	4	1,404
101	Washington	48	119,680	84,453	8,315	26,320	49,818	35,227	7,977	122	37,136
102	Wilson	20	66,319	52,270	4,640	16,675	30,955	14,049	5,004	54	17,092
103	Woodson	18	40,895	30,615	3,625	9,670	17,320	10,280	2,970	34	12,201
104	Wyandotte	260	13,623,481	6,144,034	1,771,625	2,878,206	1,494,203	7,479,447	3,451,326	8,160	4,654,366
105	All other counties (a)	4	10,810	9,300	700	1,800	6,800	1,510	477	9	3,254

a Includes establishments distributed as follows: Haskell, 2; Wichita, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$820			4	$1,718											$1,362	$4,476	37
21	8,554	1	$200	38	11,673	3	$310	1	$19	1	$364					41,901	93,633	38
7	2,488			3	1,224											2,353	7,969	39
19	9,309			98	29,022	3	460	1	105	30	3,435	10	$1,600			208,705	323,389	40
66	39,670	7	2,572	234	109,734	20	3,438	8	619	7	2,925	1	525			725,042	1,029,921	41
5	1,770	1	300	7	2,450											5,680	13,357	42
24	8,928	1	300	32	12,675					2	1,050					30,313	80,714	43
41	20,429	3	766	82	22,840	6	1,200	5	364	5	2,119					252,672	358,569	44
12	4,920			50	5,697	8	1,770	3	313	2	770					17,194	41,409	45
24	11,514			100	29,010	28	2,360	40	1,600			12	750	15	$650	147,325	224,522	46
4	2,068			13	6,056	2	270									61,522	74,155	47
63	40,764	7	4,004	242	129,087	26	9,284	1	100	22	4,872	12	1,000	2	100	359,880	694,666	48
7	2,522			10	3,190	1	300									9,401	20,108	49
62	35,361	2	433	543	256,966	10	1,644	12	1,274	2	800					831,043	1,286,785	50
5	2,093			11	1,881	2	520									7,607	16,613	51
313	278,581	22	6,859	1,902	1,050,469	243	34,466	26	2,890	203	116,734	35	8,502	2	100	3,342,501	5,796,156	52
7	3,896	1	400	10	3,400	3	550			2	800	4	30			38,070	58,787	53
35	16,790	2	680	57	22,666	2	382			2	500					186,891	265,305	54
5	2,288			4	1,216			1	208							1,587	6,880	55
61	39,316	4	1,960	219	107,764	58	6,492	31	1,762	16	9,400	10	3,050			223,376	465,731	56
54	31,159	2	1,196	100	40,399	11	2,484	9	900	4	2,120					335,381	482,239	57
55	27,664	2	400	101	39,441	5	1,134	1	108	2	775					145,269	262,561	58
54	28,719	4	1,250	166	57,644	20	4,839	5	694	13	6,262					408,368	630,705	59
2	853			19	1,825											1,716	6,795	60
41	24,832			333	171,430	2	300	2	340	4	1,330					174,170	401,735	61
30	16,673			51	23,691	2	610	2	100							216,872	297,686	62
34	16,516			106	40,779	14	1,976	5	326	4	950					344,837	514,984	63
26	11,536			43	12,234	12	200	11	275	1	300					58,476	100,779	64
2	936			2	546											573	3,471	65
70	33,276	3	1,304	161	54,382	9	2,018	3	150	10	2,585	4	677	4	216	179,950	334,225	66
26	9,753	1	360	84	30,295			3	244							106,770	173,728	67
11	5,826			21	10,620	2	510			1	25					64,769	101,005	68
15	7,460			20	7,543	2	244									64,201	98,155	69
60	29,496	2	624	89	33,471	6	1,912	17	1,050	4	935	45	2,430	6	180	173,798	310,435	70
33	17,949	1	520	49	16,189											103,917	177,241	71
27	12,009	1	312	28	7,489	6	1,488	2	164							69,882	120,745	72
8	3,600	1	520	20	7,667	2	420	3	192	2	720					60,425	84,943	73
18	9,194			48	14,849	3	390	3	156	7	2,252					101,805	154,773	74
36	13,203	1	624	93	23,790	47	3,478	2	52	1	200	1	100			178,074	279,125	75
9	4,888			24	9,711			1	96							74,724	109,556	76
6	3,448			8	3,805	2	620									30,784	49,631	77
189	173,723	34	19,635	939	561,928	77	24,820	5	1,064	143	75,304	49	10,690	2	220	2,390,328	3,989,693	78
10	5,122	3	1,165	25	9,227	1	250	1	156	1	150					36,393	70,572	79
36	17,331			117	42,181	8	1,421	3	302	14	4,720					199,092	315,497	80
56	29,534	6	1,244	195	83,470	7	1,953	2	254			2	750			198,045	400,536	81
12	6,250			17	5,038			2	350	1	75					49,472	76,466	82
5	1,951			21	6,339			3	60							34,483	58,322	83
14	5,563			19	10,199	2	300									117,882	156,421	84
82	47,208	3	1,236	216	89,915	16	3,193	18	1,400	30	10,085					852,375	1,183,961	85
2	780			7	2,346	2	292	1	104							1,842	8,537	86
253	239,121	18	7,920	1,215	604,296	104	29,885	73	10,040	78	42,863	68	8,047			3,421,828	5,173,744	87
2	575			2	760					1	100					964	4,356	88
331	267,152	23	11,673	2,662	1,448,153	222	58,268	70	9,879	125	73,428	35	6,086	2	260	3,702,304	6,827,657	89
3	1,066			5	1,715											1,335	7,093	90
3	1,768			11	3,611	1	325	3	80							2,864	13,922	91
14	7,143			27	10,845	5	876	1	52							82,857	126,301	92
13	5,367			7	1,893	4	812	1	200							4,274	18,210	93
2	737			2	420	2	234									1,039	3,750	94
3	884	2	208													402	2,422	95
83	47,004	8	3,316	187	92,544	22	5,109			10	2,936	1	200			507,303	771,464	96
8	2,513			17	5,583	1	200									6,237	18,961	97
2	912			2	1,000			1	150							979	3,600	98
31	13,077	2	546	95	37,410	4	588	1	60	7	1,330					151,252	309,975	99
2	832			2	572											699	3,850	100
46	19,482	1	416	41	11,898	2	285	1	100	26	3,985	5	970			60,527	127,838	101
15	5,032	1	250	34	9,872	2	510			2	528					58,512	92,155	102
14	5,678			17	5,965	2	358			1	200					45,026	73,408	103
470	441,744	42	19,130	6,558	3,710,867	101	29,872	97	21,753	634	358,076	248	72,124	10	800	47,044,428	58,132,679	104
1	624			7	2,485	1	145									14,473	30,320	105

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	CAPITAL. Plant. Total.	CAPITAL. Plant. Land.	CAPITAL. Plant. Buildings.	CAPITAL. Plant. Machinery, tools, and implements.	CAPITAL. Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Total wages.
1	All industries	7,745	$79,811,980	$36,712,121	$7,468,633	$12,127,764	$17,115,724	$43,099,859	$15,879,728	65,579	$27,761,746
2	Agricultural implements	5	1,444,685	491,475	147,050	169,250	175,175	953,210	110,449	760	357,182
3	Awnings, tents, and sails	10	10,800	2,635	.....	.....	2,635	8,165	2,701	40	18,188
4	Baskets and rattan and willow ware	20	14,565	8,290	2,700	4,900	690	6,275	2,418	35	16,925
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	840	639,795	316,017	104,976	104,231	106,810	323,778	41,384	1,262	520,309
6	Bookbinding and blank-book making. (See also Printing and publishing.)	9	88,500	43,175	.....	.....	43,175	45,325	8,251	179	76,171
7	Boot and shoe uppers	9	40,350	2,650	.....	.....	2,650	37,700	3,735	36	18,205
8	Boots and shoes, custom work and repairing.	559	375,328	260,307	99,350	117,315	43,642	115,021	68,367	920	441,980
9	Boots and shoes, factory product	11	280,166	95,650	4,000	21,650	70,000	184,516	33,640	325	138,810
10	Bottling. (See also Liquors, malt; Mineral and soda waters.)	15	73,000	21,910	4,000	8,275	9,635	51,090	11,174	55	26,945
11	Boxes, cigar	3	13,500	6,100	600	300	5,200	7,400	806	38	14,470
12	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	8	458,150	142,200	53,350	34,550	54,300	315,950	41,715	254	97,020
13	Brass castings and brass finishing. (See also Plumbers' supplies.)	5	29,170	22,850	3,000	5,000	14,850	6,320	1,741	27	15,930
14	Bread and other bakery products	216	645,947	467,744	138,435	220,940	108,369	178,203	90,177	796	364,322
15	Brick and tile. (See also Clay and pottery products.)	99	826,958	537,345	238,085	125,731	173,529	289,613	79,871	1,957	476,845
16	Bridges	3	15,000	10,800	5,000	5,000	800	4,200	2,170	14	7,137
17	Brooms and brushes	27	36,397	10,085	2,025	3,045	5,015	26,312	5,638	129	55,500
18	Carpentering	483	1,222,888	327,485	113,440	110,270	103,775	895,403	565,839	2,661	1,641,007
19	Carpets, rag	27	10,895	5,230	1,500	1,600	2,130	5,665	2,945	38	16,631
20	Carriage and wagon materials	17	242,847	135,490	36,500	38,377	60,613	107,357	17,007	270	114,752
21	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	188	2,035,273	818,743	262,588	373,298	182,857	1,216,530	90,915	1,493	748,830
22	Cars and general shop construction and repairs by steam railroad companies.	9	305,229	197,795	32,620	78,300	86,875	107,434	.....	634	363,440
23	Cheese and butter, urban dairy product.	14	22,553	19,900	12,500	3,850	3,550	2,653	4,160	42	17,714
24	Chemicals. (See also Fertilizers; Paints; Varnish.)	7	117,330	47,600	20,300	15,400	11,900	69,730	17,445	79	27,034
25	Clay and pottery products. (See also Brick and tile.)	10	250,643	162,911	32,560	39,900	90,451	87,732	13,528	201	97,886
26	Clothing, men's, custom work and repairing.	165	997,862	199,007	75,687	92,200	31,120	798,855	87,383	1,527	785,052
27	Clothing, men's, factory product	248	1,146,454	188,996	47,325	85,350	56,321	957,458	74,268	2,912	808,001
28	Clothing, women's, dressmaking	441	334,925	160,640	58,500	67,600	34,540	174,285	64,151	1,921	509,539
29	Clothing, women's, factory product	14	110,077	4,195	900	1,000	2,295	105,882	6,342	246	125,489
30	Coffee and spice, roasting and grinding.	6	146,400	47,200	5,000	11,000	31,200	99,200	7,680	43	29,509
31	Coffins and burial cases, trimming and finishing.	37	121,594	52,885	18,795	24,380	9,210	69,209	5,598	94	42,314
32	Coffins, burial cases, and undertakers' goods.	6	120,915	48,425	11,350	27,000	10,075	72,490	10,804	109	49,415
33	Coke	5	86,670	77,120	1,100	8,700	67,320	3,550	436	28	11,279
34	Confectionery	76	228,059	92,570	19,725	26,900	45,945	135,489	41,598	424	162,639
35	Cooperage	107	766,715	322,789	134,317	94,095	94,377	443,926	46,476	1,221	539,120
36	Cordage and twine	16	384,934	235,686	13,515	83,700	138,471	149,248	38,142	306	97,939
37	Corsets	10	1,575	505	.....	.....	505	1,070	954	26	7,790
38	Cotton goods. (See also Hosiery and knit goods.)	5	1,376,132	930,708	71,782	242,707	616,219	445,424	60,200	834	189,039
39	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	4	191,560	107,800	24,750	33,000	50,050	83,760	14,794	221	61,600
40	Dentistry, mechanical	33	76,820	51,280	21,420	13,100	16,760	25,549	4,881	52	27,820
41	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	3	2,010	860	400	300	160	1,150	240	5	1,750
42	Dyeing and cleaning	19	38,310	32,915	11,125	12,600	9,190	5,395	5,223	78	29,777
43	Electroplating	3	13,440	5,475	.....	.....	5,475	7,965	1,315	20	10,198
44	Engraving and diesinking	9	7,018	3,730	.....	.....	3,730	3,288	1,860	18	11,491
45	Fancy articles, not elsewhere specified	7	8,450	5,955	4,000	1,500	455	2,495	851	19	6,418
46	Fertilizers. (See also Chemicals.)	4	234,585	79,500	29,000	32,000	18,500	155,085	15,382	62	31,665

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8,074	$5,988,985	947	$445,030	39,150	$16,213,096	5,425	$1,243,275	1,895	$227,070	6,865	$2,999,381	2,855	$607,239	368	$36,770	$63,677,583	$126,719,857	1
61	60,344			500	194,038					199	102,800					540,965	1,265,799	2
10	7,460			12	6,062	14	3,466			4	1,200					27,120	58,959	3
19	10,137	1	550	7	3,018					8	3,220					11,531	36,041	4
704	306,985	1	624	522	204,657			7	921	28	7,122					330,133	1,091,622	5
15	15,695	2	750	80	38,580	63	16,268	5	1,000	6	2,500	8	1,378			60,210	185,075	6
4	3,250	1	780	21	10,749	8	3,036	1	78	1	312					32,608	70,140	7
522	276,313	2	720	189	83,144	1	175	1	50	205	81,578					334,429	967,328	8
29	26,515			114	46,529	86	19,214	8	1,174	64	37,678	22	7,225	2	475	266,210	526,387	9
18	13,356	1	260	32	12,383	3	546			1	400					188,636	339,170	10
2	1,900			11	5,276	1	300	8	1,690			16	5,304			27,403	44,340	11
23	21,465			158	62,387			73	13,168							210,125	421,980	12
6	5,440			20	10,364			1	132							16,576	43,050	13
222	145,129	40	17,686	410	174,765	72	14,919	9	1,365	13	5,100	23	4,440	7	918	914,990	1,619,119	14
99	53,306	3	815	1,509	363,818			108	9,252	215	47,526			23	2,128	185,577	1,011,603	15
3	2,637			8	3,900					3	600					6,650	19,200	16
25	15,342			51	18,158	8	2,220	4	502	41	19,287					73,736	164,302	17
472	406,482			2,129	1,223,831			4	624	56	10,070					3,499,162	6,694,395	18
25	13,031	2	950	7	2,374	2	156			2	120					17,001	41,230	19
17	12,116			230	88,221	2	182	5	512	22	13,721					181,773	377,587	20
203	160,352	3	1,560	1,131	522,251	4	646	13	2,166	139	61,855					910,012	2,074,869	21
11	10,240			621	352,835	2	365									225,485	598,925	22
15	10,196			17	5,550	9	1,760	1	208							19,267	47,012	23
13	11,855			33	10,704	8	1,350					25	3,125			43,323	138,259	24
19	16,162	2	615	142	61,277	15	2,270			23	17,562					48,498	194,578	25
216	187,204	3	1,372	269	164,136	54	15,535	4	510	647	336,879	334	80,256			955,761	2,108,850	26
179	129,320	121	59,493	194	91,020	754	167,101	41	3,702	130	77,185	1,423	271,400	70	8,780	1,198,776	2,518,540	27
15	11,652	407	198,973	1	1,040	1,396	318,687	21	2,727			81	27,460			529,191	1,349,789	28
1	1,500	14	7,191	13	10,088	212	106,164	6	546							151,009	395,850	29
8	8,120	2	1,812	32	19,386			1	182							979,539	1,660,316	30
37	20,702			41	19,402					16	2,150					94,673	179,876	31
17	12,894	1	624	67	24,500	8	2,256	1	141	15	9,000					70,555	165,410	32
2	500			15	6,931					11	3,848					14,135	29,760	33
89	55,492	38	12,279	144	67,812	78	16,503	5	677	2	150	48	7,584	20	2,142	353,150	729,358	34
84	61,771			737	307,413			38	4,892	360	164,844			2	200	1,079,671	2,027,916	35
16	12,131			215	73,556	25	5,350	30	3,782	20	3,120					337,085	547,439	36
		10	4,470			16	3,320									11,600	22,350	37
16	18,466			268	78,866	372	74,850	178	16,857							643,949	1,090,668	38
8	6,224			65	20,412	6	920	1	208	141	24,836					77,804	174,690	39
30	18,513	1	300	19	8,688	1	240	1	88							15,219	65,944	40
1	1,000			3	600					1	150					1,685	5,180	41
20	13,069	1	260	26	10,533	16	3,285	2	358	1	200	12	2,072			16,142	57,445	42
3	1,832			17	8,366											5,175	24,900	43
9	7,590			5	3,420			4	481							1,480	19,620	44
1	416	6	3,118			12	2,878									7,555	16,230	45
16	12,491	1	700	45	18,474											172,869	256,160	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
47	Flouring and grist mill products	505	$4,285,649	$2,865,558	$375,522	$919,770	$1,570,266	$1,420,091	$272,883	1,816	$633,747
48	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	65	5,109,609	2,371,974	616,750	823,104	932,120	2,737,635	289,727	3,144	1,747,719
49	Furnishing goods, men's. (See also Shirts.)	3	3,270	450	.....	.....	450	2,820	501	25	7,931
50	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	90	127,351	47,490	13,025	17,735	16,730	79,861	18,287	283	159,399
51	Furniture, chairs	8	307,505	54,742	10,375	15,725	28,642	252,763	69,536	104	46,299
52	Furniture, factory product	19	853,975	281,640	51,452	140,909	89,279	572,335	62,864	892	392,507
53	Gas, illuminating and heating	14	952,258	882,850	67,900	123,500	691,450	69,408	29,085	77	47,217
54	Glass, cutting, staining, and ornamenting.	3	11,125	1,850	.....	.....	1,850	9,275	1,394	23	13,560
55	Grease and tallow. (See also Soap and candles.)	5	55,046	25,900	15,930	7,300	2,670	29,146	1,929	16	8,996
56	Hairwork	12	16,655	2,660	1,000	1,000	660	13,995	3,122	38	13,920
57	Hand knit goods	4	735	190	.....	.....	190	545	410	8	2,950
58	Hand stamps	5	10,708	7,410	.....	.....	7,410	3,298	1,719	12	6,644
59	Hats and caps, not including wool hats. (See also Fur goods.)	3	1,065	200	.....	.....	200	865	342	7	2,822
60	Ice, artificial	12	708,735	525,025	58,600	81,045	385,380	183,710	28,395	197	96,972
61	Instruments, professional and scientific.	3	17,075	3,500	.....	.....	3,500	13,575	987	16	7,954
62	Iron and steel	8	1,974,527	1,157,600	195,600	177,000	785,000	816,927	102,019	1,118	603,031
63	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	12	604,216	370,060	124,500	104,900	140,660	234,156	42,136	471	271,365
64	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	30,535	6,750	.....	.....	6,750	23,785	2,402	35	19,308
65	Lamps and reflectors	3	13,615	2,165	.....	.....	2,165	11,450	611	10	8,173
66	Leather, tanned and curried	31	2,519,339	706,217	254,225	310,892	141,100	1,813,122	109,684	635	351,028
67	Lime and cement	12	200,565	127,405	67,725	30,430	29,250	73,160	17,433	207	76,108
68	Liquors, distilled	126	10,966,210	4,362,298	414,814	2,395,845	1,551,639	6,603,912	7,631,619	1,992	739,381
69	Liquors, malt. (See also Bottling.)	29	4,005,743	2,824,559	581,078	868,800	1,374,681	1,181,184	818,803	597	464,857
70	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	3	86,441	59,471	.....	.....	59,471	26,970	8,303	81	41,118
71	Lock and gun smithing	50	43,168	24,645	7,300	6,850	10,495	18,523	7,367	86	47,286
72	Looking-glass and picture frames	19	64,585	7,470	1,500	1,600	4,370	57,115	6,368	53	32,529
73	Lumber and other mill products from logs or bolts.	595	6,554,974	3,137,392	649,148	647,165	1,841,079	3,417,582	380,272	6,782	1,798,855
74	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	60	1,849,386	739,767	224,248	207,185	308,334	1,109,619	88,000	1,506	768,241
75	Malt. (See also Liquors, malt.)	5	413,700	202,000	29,000	142,000	31,000	211,700	23,620	74	45,128
76	Marble and stone work. (See also Monuments and tombstones.)	21	429,875	207,820	67,100	36,950	103,770	222,055	30,894	406	265,522
77	Masonry, brick and stone. (See also Plastering and stuccowork.)	160	725,809	246,170	91,300	91,000	63,870	479,639	62,926	1,429	014,087
78	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	30	71,727	33,352	4,700	24,700	3,952	38,375	5,800	100	49,338
79	Millinery and lace goods. (See also Artificial feathers and flowers.)	3	38,800	1,400	.....	.....	1,400	37,400	2,205	56	17,611
80	Millinery, custom work	139	331,362	93,848	37,190	41,350	15,308	237,514	51,622	509	151,083
81	Mineral and soda waters. (See also Bottling.)	12	104,535	75,750	13,850	13,300	48,600	28,785	11,462	71	33,513
82	Models and patterns	10	9,771	6,730	2,000	3,000	1,730	3,041	1,803	12	9,198
83	Monuments and tombstones. (See also Marble and stone work.)	48	262,445	76,575	31,000	25,040	20,535	185,870	17,019	269	157,870
84	Musical instruments and materials, not specified.	7	8,980	6,930	2,500	3,000	1,430	2,050	1,269	13	9,231
85	Musical instruments, pianos and materials.	3	12,410	7,500	2,500	4,650	350	4,910	2,194	9	5,438
86	Optical goods	4	12,910	5,625	3,000	2,100	525	7,285	1,348	9	4,554
87	Painting and paper hanging	258	499,504	143,010	52,400	54,665	35,945	356,494	54,688	1,201	705,438
88	Paints. (See also Chemicals, Varnish.)	4	203,229	99,284	33,800	32,600	32,884	103,945	11,875	50	30,280
89	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	18	50,546	11,821	1,100	2,900	7,821	38,725	17,022	62	24,682
90	Paving and paving materials	34	262,189	75,208	10,600	13,850	50,758	186,981	34,327	459	209,013
91	Photography	48	88,653	57,565	7,515	6,800	43,250	31,088	18,079	124	70,956

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
485	$236,527	3	$1,414	1,280	$384,218	4	$215	11	$928	33	$10,445					$7,917,917	$9,681,259	47
191	231,411	6	3,342	2,295	1,136,104	12	2,444	53	8,478	587	365,940					2,667,393	5,565,321	48
2	1,609	1	500	1	416	1	215			12	2,800	8	$2,400			6,200	15,950	49
94	66,853	3	1,175	167	87,281	8	1,425	5	332	6	2,283					148,762	392,005	50
12	12,084			49	24,419			9	1,148	12	5,204			22	$3,384	90,645	247,227	51
49	51,235	2	844	698	292,751	2	500	76	13,821	65	33,356					416,137	1,109,252	52
24	16,550			51	30,522			2	145							48,137	226,588	53
5	3,340			18	10,220											10,429	28,925	54
6	3,792			10	5,204											50,915	64,650	55
6	2,914	9	4,610			23	6,396									13,410	34,149	56
		4	1,650			4	1,300									5,420	9,800	57
5	4,070	1	312	4	2,080			2	182							3,820	16,158	58
1	800	2	866	2	936	2	220									1,990	5,800	59
24	22,034			173	74,938											55,370	275,033	60
3	2,028			13	5,926											1,485	13,280	61
42	58,795			1,065	541,736			11	2,500							1,312,699	2,163,471	62
32	47,392	3	1,300	423	220,053			13	2,620							444,901	859,070	63
5	5,300			28	13,826			2	182							33,451	64,183	64
4	3,952			6	4,221											5,036	16,500	65
53	61,097			405	189,822	1	468	1	182	174	99,147	1	312			2,573,299	3,487,570	66
11	8,793			172	60,003			3	200	21	7,112					104,211	234,640	67
244	193,312	4	2,672	1,656	502,962	1	100			86	40,205			1	100	3,876,591	15,159,648	68
87	143,912	1	260	509	320,685											853,126	2,600,897	69
6	6,000	1	500	70	33,708	4	910									48,560	127,890	70
45	29,013			38	18,008			3	265							17,544	84,524	71
14	10,440			30	19,673	5	1,912	3	384	1	120					42,646	100,460	72
535	245,810	1	600	5,854	1,444,786	7	1,152	105	10,354	277	95,382			3	765	4,370,822	7,869,082	73
116	121,304	1	450	1,335	627,670	1	75	24	3,832	29	14,910					1,873,328	3,073,692	74
8	9,828			66	35,300											371,049	508,290	75
25	21,728			357	233,490			8	2,124	16	8,180					325,902	740,430	76
158	153,103			1,271	760,984											1,301,878	2,675,313	77
34	20,353			39	18,119	6	1,456	1	24	17	8,756	3	630			81,839	159,450	78
3	2,145	1	624			52	14,842									83,025	130,000	79
25	12,658	112	51,483	6	1,118	360	85,866	3	508			3	50			364,067	714,667	80
17	12,813			53	20,482			1	218							65,793	164,051	81
7	5,525	1	657	4	3,016											4,153	18,550	82
60	47,202	1	520	200	107,648					8	2,500					202,701	476,039	83
7	5,355			6	3,876											2,270	14,300	84
2	1,700			6	3,488					1	250					4,422	13,500	85
5	3,204			4	1,350											5,725	12,900	86
286	214,524	3	898	745	403,071	1	400	5	666	157	85,463			4	416	628,675	1,643,163	87
10	11,974			34	16,774	3	624	1	78	2	830					179,074	243,439	88
24	16,600	3	1,650	14	4,162	15	1,350	5	620	1	300					41,199	105,143	89
36	34,670			422	174,142					1	200					278,559	643,485	90
39	33,362	7	2,412	63	31,142	12	3,515			3	525					41,720	173,357	91

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
92	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	5	$106,750	$58,350	$25,300	$24,600	$8,450	$48,400	$4,680	78	$22,478
93	Plastering and stuccowork. (See also Masonry, brick and stone.)	82	136,054	67,875	23,600	28,950	15,325	68,179	19,307	447	289,953
94	Plumbing and gas fitting	83	261,916	73,270	20,240	24,100	28,930	188,646	33,175	483	275,887
95	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	56	380,512	241,900	20,000	28,400	193,500	138,612	28,172	397	182,206
96	Printing and publishing newspapers and periodicals. (See also Bookbinding and blank-book making.)	184	2,397,213	1,593,127	189,825	360,595	1,042,707	804,086	395,065	1,800	1,106,423
97	Pumps, not including steam pumps	3	40,923	21,625	11,150	5,150	5,325	19,298	1,458	20	11,830
98	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	113	410,707	165,795	59,295	54,800	51,700	244,912	57,062	519	280,655
99	Saddlery and harness	141	1,403,476	238,428	62,069	89,080	87,279	1,165,048	80,660	1,130	540,277
100	Scales and balances	3	4,440	1,375	.....	.....	1,375	3,065	1,607	20	11,058
101	Sewing machine repairing	6	4,450	1,955	700	500	755	2,495	870	9	7,261
102	Shipbuilding	29	53,511	46,535	15,850	10,650	20,035	6,976	3,157	88	41,577
103	Shirts. (See also Furnishing goods, men's.)	33	37,313	21,525	4,100	3,800	13,625	15,788	6,521	142	43,148
104	Slaughtering and meat packing, wholesale.	17	1,415,373	357,300	93,950	175,200	88,150	1,058,073	130,312	439	161,571
105	Slaughtering, wholesale, not including meat packing.	9	32,572	15,102	3,400	7,100	4,602	17,470	4,804	30	18,813
106	Soap and candles. (See also Grease and tallow.)	6	452,823	254,552	112,552	81,000	61,000	198,271	9,389	89	41,169
107	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	3	178,189	61,910	9,000	7,000	45,910	116,279	13,933	91	55,062
108	Timber products, not manufactured at mill.	4	16,400	7,900	2,700	.....	5,200	8,500	1,525	81	17,415
109	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	93	448,157	201,468	58,400	56,778	86,290	246,689	31,170	533	266,533
110	Tobacco, chewing, smoking, and snuff	38	2,687,471	632,536	107,103	224,600	300,833	2,054,935	2,320,144	2,627	808,482
111	Tobacco, cigars and cigarettes	144	528,297	105,568	40,740	43,620	21,208	422,729	138,541	853	375,259
112	Tobacco, stemming and rehandling	79	1,675,083	467,290	110,950	276,900	79,440	1,207,793	110,641	2,372	443,340
113	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	7	3,998	2,470	400	230	1,840	1,528	703	10	5,911
114	Trunks and valises	16	336,911	59,370	14,500	25,000	19,870	277,541	31,368	436	180,958
115	Umbrellas and canes	7	9,485	3,275	2,000	1,000	275	6,210	1,574	12	5,654
116	Vinegar and cider	11	374,737	162,630	37,500	59,600	65,530	212,107	30,352	119	74,518
117	Washing machines and clothes wringers.	8	4,770	860	.....	.....	860	3,910	1,634	14	8,799
118	Watch, clock, and jewelry repairing. (See also Jewelry.)	85	114,433	68,092	20,910	23,500	23,682	46,341	14,711	172	106,652
119	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	13	353,704	140,679	30,000	46,000	64,679	213,025	14,966	363	143,237
120	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	19	307,953	120,590	31,350	33,120	56,120	187,363	17,091	341	151,900
121	Woolen goods. (See also Hosiery and knit goods; Worsted goods.)	40	2,560,737	1,211,056	69,935	309,960	831,161	1,349,681	176,755	1,803	554,544
122	All other industries (a)	89	2,584,629	1,557,759	307,597	409,557	840,605	1,026,870	150,066	2,560	1,152,732

(a) Embraces artificial feathers and flowers, 2; artificial limbs, 1; bagging, flax, hemp, and jute, 1; baking and yeast powders, 2; bells, 1; belting and hose, leather, 1; bicycle and tricycle repairing, 1; bluing, 1; boot and shoe cut stock, 2; boxes, fancy and paper, 2; buttons, 1; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; china, decorating, 2; cigar molds, 1; clothing, men's, factory product, buttonholes, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; files, 1; flags and banners, 1; flavoring extracts, 1; foundry supplies, 1; fruits and vegetables, canning and preserving, 2; fur goods, 2; gas machines and meters, 1; glass, 2; glue, 1; gold and silver, leaf and foil, 1; hardware, 1; hosiery and knit goods, 2; house furnishing goods, not

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
10	$8,566			22	$9,462	44	$4,250			2	$200					$70,910	$129,850	92
81	72,559			358	214,914					8	2,480					282,786	699,897	93
112	94,968	1	$468	356	178,473			13	$1,888	1	90					358,089	787,864	94
66	46,999	3	1,980	200	100,968	71	15,074	26	3,676	30	13,149	1	$360			157,884	457,435	95
233	249,273	37	17,633	1,052	595,195	96	25,985	102	11,127	275	205,080	5	2,130			481,713	2,552,701	96
3	1,690			17	10,140											11,785	29,604	97
113	83,278	1	156	383	192,989	1	400	20	3,782	1	50					743,608	1,408,819	98
203	144,476	6	2,485	659	272,743	12	2,532	27	3,258	205	110,301	14	3,962	4	$520	1,180,278	2,113,726	99
7	3,864			13	7,194											5,949	20,797	100
4	4,700	1	500	4	2,061											3,039	13,363	101
26	15,612			62	25,965											31,675	95,545	102
13	8,326	24	10,338	3	1,762	61	14,346					41	8,376			17,858	85,874	103
48	42,377			370	115,775			1	104	20	3,315					2,283,997	2,968,227	104
7	7,240			23	11,573											320,667	405,784	105
18	13,840	1	500	55	24,050	15	2,779									197,660	280,792	106
13	17,040	1	360	77	37,662											133,426	232,633	107
5	1,460			64	15,355					12	600					4,570	35,346	108
118	85,210	3	1,540	368	168,964	19	2,960	7	1,014	18	6,845					376,138	838,324	109
135	143,970	13	4,606	1,189	389,411	193	35,065	228	18,969	583	156,871	221	54,784	65	4,806	2,847,081	6,788,586	110
158	94,100	1	400	82	28,008	3	450	56	6,940	452	220,683	75	21,234	26	3,444	384,339	1,058,039	111
108	78,424	2	1,520	1,052	225,444	189	20,495	190	16,649	550	60,878	169	31,820	112	8,110	2,589,005	3,474,750	112
7	4,736			3	1,175											3,970	12,405	113
34	28,673	3	1,800	217	84,446	28	6,056	11	1,225	122	55,754	15	2,572	6	432	215,778	528,192	114
7	3,600			2	1,014	3	1,040									9,612	19,185	115
27	23,724	2	700	89	49,734	1	360									316,051	652,810	116
8	5,611			6	3,188											6,570	19,660	117
77	52,701			87	51,589			2	156	6	2,206					72,505	222,594	118
20	22,562	1	780	84	34,363	4	1,112			254	84,420					327,681	679,770	119
21	16,951			243	99,174			3	600	74	35,175					248,605	504,090	120
76	77,266	2	740	716	239,746	637	161,283	178	25,105	1	144	193	50,260			1,365,246	2,351,117	121
164	151,336	12	4,783	1,522	701,715	276	39,741	103	14,743	368	222,159	114	18,105	1	150	2,789,029	4,620,356	122

elsewhere specified, 2; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 1; kindling wood, 2; leather, morocco, 1; mirrors, 1; mucilage and paste, 2; musical instruments, organs and materials, 1; oil, cottonseed and cake, 2; oysters, canning and preserving, 1; paper, 1; photolithographing and engraving, 2; pipes, tobacco, 1; plumbers' supplies, 1; refrigerators, 1; salt, 2; saws, 1; show cases, 2; smelting and refining, 1; sporting goods, 2; stencils and brands, 2; stereotyping and electrotyping, 1; surgical appliances, 2; toys and games, 1; upholstery materials, 1; varnish, 1; watch cases, 1; windmills, 1; window shades, 1; worsted goods, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Leslie and Perry.]

	COUNTIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES. Aggregates. Average number.	Total wages.
1	The State	7,745	$79,811,980	$36,712,121	$7,468,633	$12,127,764	$17,115,724	$43,099,859	$15,879,728	65,579	$27,761,746
2	Adair	24	29,932	21,072	2,155	4,610	14,907	8,260	712	74	19,529
3	Allen	29	76,063	42,415	1,965	7,800	32,650	33,648	3,844	170	45,985
4	Anderson	34	572,029	238,993	22,013	140,140	76,840	333,036	496,510	313	97,882
5	Ballard	19	93,126	69,800	27,025	9,200	33,575	23,326	3,714	128	30,730
6	Barren	24	84,498	68,348	6,218	16,365	45,765	16,150	6,215	88	25,207
7	Bath	10	42,763	21,440	1,860	4,450	15,130	21,323	2,579	36	10,646
8	Bell	12	235,842	140,977	10,002	15,225	115,750	94,865	7,045	151	51,990
9	Boone	37	431,029	136,975	5,500	89,250	42,225	294,054	1,012,708	149	60,851
10	Bourbon	115	919,805	296,905	46,155	159,740	91,010	622,900	287,909	480	105,113
11	Boyd	85	1,478,620	949,300	130,880	199,510	618,910	529,320	95,070	1,156	431,205
12	Boyle	25	159,073	94,300	9,375	26,260	58,665	64,773	5,351	157	54,453
13	Bracken	36	71,485	45,395	6,310	16,370	22,715	26,090	3,753	94	29,360
14	Breathitt	3	5,020	3,845	320	325	3,200	1,175	216	7	1,137
15	Breckinridge	44	97,098	63,032	7,355	13,345	42,332	34,066	2,398	190	54,713
16	Bullitt	7	45,325	34,475	5,850	17,950	10,675	10,850	3,117	36	10,824
17	Butler	13	28,475	24,080	1,455	5,625	17,000	4,395	1,521	33	9,109
18	Caldwell	60	275,998	121,646	19,350	38,486	63,810	154,352	20,618	436	89,651
19	Calloway	15	55,217	16,880	3,280	5,290	8,310	38,337	16,988	98	14,985
20	Campbell	1,096	3,690,987	2,033,340	524,083	621,045	888,212	1,657,647	353,253	5,123	2,578,527
21	Carlisle	5	4,285	3,005	200	425	2,380	1,280	574	10	2,520
22	Carroll	13	542,851	258,335	6,920	100,815	150,600	284,516	270,560	178	53,738
23	Carter	21	208,976	101,790	36,095	18,395	47,300	107,186	4,388	194	46,219
24	Casey	30	60,312	40,897	2,721	3,550	34,626	19,415	2,130	159	27,875
25	Christian	46	241,625	168,320	17,465	36,995	113,860	73,305	13,959	300	110,416
26	Clark	58	964,970	264,490	58,230	106,320	99,940	700,480	30,514	595	236,691
27	Clay	4	7,480	6,630	50	775	5,805	850	332	23	6,145
28	Clinton	12	10,890	9,680	1,385	2,570	5,725	1,210	582	17	2,030
29	Crittenden	6	4,755	4,075	675	350	3,050	680	252	12	1,445
30	Cumberland	4	13,580	9,270	20	50	9,200	4,310	2,200	15	3,719
31	Daviess	95	1,923,008	797,780	175,933	267,045	354,802	1,125,228	787,127	1,274	403,703
32	Edmonson	9	13,702	12,227	1,412	915	9,900	1,475	565	30	7,460
33	Elliott	13	18,879	11,365	560	1,955	8,850	7,514	1,334	40	5,749
34	Estill	12	24,139	19,484	4,942	1,360	13,182	4,655	471	47	8,629
35	Fayette	201	1,695,410	898,125	204,525	249,040	444,560	797,285	129,884	1,584	830,002
36	Fleming	49	117,794	84,365	4,615	46,870	32,880	33,429	6,543	128	35,507
37	Franklin	100	2,977,114	1,052,365	83,345	350,650	618,370	1,924,749	797,501	1,087	425,339
38	Fulton	56	412,970	194,654	33,214	56,615	104,825	218,316	31,344	476	152,630
39	Gallatin	5	8,765	6,700	800	1,150	4,750	2,065	705	12	2,895
40	Garrard	12	39,252	22,940	2,490	8,505	11,495	16,312	1,713	24	9,852
41	Grant	40	82,989	64,180	4,125	15,560	44,495	18,809	6,206	85	30,750
42	Graves	89	392,373	207,815	25,640	53,475	128,700	184,558	31,145	402	125,262
43	Grayson	19	90,074	73,145	35,485	12,620	25,040	16,929	1,711	65	13,281
44	Green	22	34,977	24,827	6,670	3,782	14,375	10,150	1,210	69	11,401
45	Greenup	17	192,635	82,117	18,210	26,942	36,965	110,518	5,836	125	35,509
46	Hancock	24	39,835	28,184	2,704	5,385	20,095	11,651	3,180	98	20,191
47	Hardin	51	174,498	103,195	17,385	27,370	58,440	71,303	13,131	234	49,730
48	Harlan	4	6,984	6,650	1,785	360	4,505	334	143	16	1,831
49	Harrison	42	305,131	136,172	17,012	58,950	60,210	168,959	81,075	177	59,388
50	Hart	28	69,752	47,640	11,680	9,460	26,500	22,112	2,076	54	15,065
51	Henderson	104	1,767,773	1,005,629	109,100	323,295	573,234	762,144	194,345	1,791	496,974
52	Henry	40	69,889	42,183	5,510	14,513	22,160	27,706	3,598	105	23,576
53	Hickman	15	59,455	34,545	3,320	7,600	23,625	24,910	6,499	106	38,739
54	Hopkins	50	320,827	142,112	13,590	39,749	88,773	178,715	21,298	500	103,227
55	Jackson	4	5,255	4,355	5	400	3,950	900	232	8	900
56	Jefferson	1,752	38,200,101	16,227,195	3,917,154	5,578,474	6,731,567	21,972,906	6,464,257	28,503	12,953,497
57	Jessamine	27	302,438	131,700	10,425	43,225	78,050	170,738	18,253	183	56,988
58	Johnson	8	7,658	3,708	955	1,798	955	3,950	217	11	2,109
59	Kenton	1,350	7,217,342	3,386,288	837,845	924,750	1,623,693	3,831,054	1,167,451	8,138	4,542,932
60	Knox	22	60,914	34,075	1,485	2,975	29,615	26,839	4,599	158	30,063
61	Larue	21	1,343,471	465,285	12,875	256,100	196,310	878,186	498,007	162	62,868
62	Laurel	25	65,579	41,260	4,930	3,460	32,890	24,299	3,028	124	21,332
63	Lewis	25	115,331	66,110	30,185	13,005	22,920	49,221	3,725	135	37,675
64	Lincoln	49	133,610	80,470	8,640	19,470	52,360	53,140	5,744	165	40,096
65	Livingston	24	28,525	23,560	955	3,660	18,945	4,965	1,412	59	9,480
66	Logan	31	112,121	81,975	10,030	18,070	53,875	30,146	6,983	146	31,604
67	Lyon	10	13,599	11,382	4,245	4,325	2,812	2,217	573	30	5,141
68	McCracken	173	1,548,673	881,648	214,676	225,785	441,177	667,025	218,998	2,003	818,515
69	McLean	18	65,525	41,665	4,285	8,125	29,255	23,860	4,591	152	33,623
70	Madison	63	698,383	279,818	29,885	171,330	78,603	418,565	226,569	229	87,460
71	Marion	62	623,635	226,293	33,960	115,983	76,350	397,342	334,023	277	87,378

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Leslie and Perry.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8,074	$5,988,985	947	$145,930	39,150	$16,213,096	5,425	$1,243,275	1,895	$227,070	6,865	$2,999,381	2,855	$607,239	368	$36,770	$63,677,583	$126,719,857	1
19	7,564			54	11,861			1	104							32,023	65,365	2
27	10,668			139	35,142	3	115					1	60			125,560	293,329	3
31	16,063	1	780	270	80,439	1	100	10	500							379,416	1,502,631	4
13	4,276			111	25,849			4	605							62,912	119,886	5
20	9,470			67	15,677					1	150					133,338	199,273	6
6	3,406			29	7,050			1	100							42,624	59,550	7
12	7,880			122	41,051			4	610	13	2,449					93,881	178,210	8
32	13,102			117	47,749											211,075	1,326,805	9
80	35,198	12	4,956	346	113,320	33	7,420	6	125	11	3,844	1	250			390,151	1,083,918	10
56	38,268	2	1,016	950	366,153	28	5,281	96	13,159	23	7,253	1	75			1,278,804	2,028,887	11
16	10,871			126	41,104			14	1,542	1	936					275,098	373,984	12
32	12,075	1	416	56	15,629	2	250			3	990					70,753	119,374	13
1	87			5	650	1	400									2,134	4,038	14
36	11,560			145	42,728					9	425					112,834	200,312	15
6	2,288	1	450	29	8,086											76,315	105,975	16
6	2,591			27	6,518											25,337	37,995	17
55	23,519	5	1,673	207	52,132	18	2,273	15	895	56	5,306	25	2,640	55	1,213	349,636	545,294	18
18	6,215			46	7,400	11	500	21	620	1	125	1	125			39,214	89,053	19
832	631,857	326	159,796	2,455	1,318,343	687	160,163	23	3,749	448	227,869	347	76,184	5	566	2,305,214	7,229,769	20
4	1,326			6	1,200											4,430	9,820	21
15	7,644			113	35,944	32	7,500	18	2,650							192,911	647,409	22
19	8,907			154	34,163	5	900	15	2,000	1	249					64,085	147,979	23
15	3,073			141	24,542			1	60			2	200			62,412	108,411	24
34	22,639			244	80,461	7	1,716			15	5,600					318,300	528,985	25
69	48,332	3	1,176	510	183,881	12	3,224	1	78							1,100,351	1,531,683	26
2	415			21	5,730											11,494	20,023	27
6	981			10	1,829			1	120							15,914	21,383	28
1	260			10	1,110					1	75					2,202	6,280	29
3	1,199			10	2,420			2	100							38,954	54,714	30
82	65,886	4	1,255	745	285,611	29	6,355	27	3,128	373	40,726	9	540	5	202	1,174,629	2,774,850	31
4	1,498			24	4,762					2	1,200					15,375	32,643	32
3	530			37	5,219											12,050	23,541	33
2	560			45	8,069											21,314	38,851	34
234	248,355	39	20,235	923	437,726	229	44,404	19	1,422	125	74,176	15	3,684			1,299,330	2,779,912	35
34	12,663			92	22,444					2	400					140,757	199,892	36
104	80,556	3	1,158	776	294,748	51	12,639	45	5,383	107	30,803			1	52	1,547,753	3,534,858	37
32	18,246			371	115,406	11	2,740	34	4,520	27	11,353			1	365	420,860	722,726	38
1	400			9	2,400			1	75	1	20					2,524	7,315	39
13	4,928			10	4,717					1	207					38,393	55,335	40
33	14,735			50	15,815					2	200					176,418	255,587	41
70	37,592	5	1,894	257	70,350	25	3,495	14	905	27	10,966	4	60			401,945	645,202	42
20	5,550			43	7,554	1	152	1	25							81,377	112,400	43
19	5,183			43	5,828	1	100			6	350					65,489	93,962	44
16	9,328			105	26,144					4	37					139,109	193,248	45
20	5,296			78	14,895											38,863	73,326	46
44	18,169			110	22,812	20	3,120	1	104	39	3,525	20	2,000			182,100	280,226	47
2	200			14	1,631											6,095	10,625	48
35	16,497			135	40,208	1	208			6	2,475					207,298	386,016	49
30	10,316			24	4,749											77,823	117,364	50
120	79,273	5	1,378	1,013	289,893	384	83,729	78	8,601	146	27,300	30	5,250	15	1,550	1,632,076	2,654,967	51
29	8,793			60	13,991			9	600	1	70	1	60	5	62	39,547	84,331	52
13	4,480			89	33,559			4	700							49,929	119,500	53
51	20,620			310	69,175	59	4,539	72	6,048	8	2,845					244,789	457,303	54
1	100			7	800											6,450	8,280	55
2,789	2,453,565	359	161,995	15,429	7,067,179	2,631	651,704	930	129,825	3,901	1,972,401	2,255	490,023	209	26,805	29,343,619	57,997,541	56
																160,290	270,518	57
31	16,149			145	40,521			7	318							3,390	6,590	58
7	1,305			4	804											8,704,336	17,092,653	59
1,387	1,233,782	137	70,807	4,944	2,734,429	693	154,929	20	3,059	862	327,729	95	18,197			58,707	113,253	60
15	3,638			142	26,125					1	300					333,211	1,073,437	61
21	11,165			113	37,483					28	14,220							
										4	660					51,617	91,559	62
29	6,965			91	13,707			2	400	12	6,020					96,205	154,689	63
16	4,529	1	600	104	26,126			7	404							159,755	245,192	64
42	17,208			116	22,484											35,655	55,046	65
25	6,837			34	2,643					1	150					207,698	273,478	66
31	10,012			114	21,442													
										3	500					6,569	11,381	67
5	1,170			22	3,471					243	100,607	13	1,327	41	4,244	1,447,903	2,980,788	68
186	137,392	27	9,565	1,288	535,873	99	17,421	106	12,084	1	300					57,368	112,447	69
11	4,639			132	27,684	6	900	2	100	23	15,050					319,767	812,175	70
49	29,952			155	42,283			2	175	8	4,700			2	200	361,371	966,457	71
60	28,493			202	53,547			5	433									

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Plant. Land.	Plant. Buildings.	Plant. Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.
72	Marshall	15	$29,444	$20,970	$2,815	$5,130	$13,025	$8,474	$1,191	51	$11,636
73	Mason	131	1,518,956	597,014	98,385	201,395	297,234	921,942	153,280	978	323,441
74	Meade	26	194,337	137,140	27,640	43,510	65,990	57,197	7,681	163	36,361
75	Menifee	15	25,035	14,200	305	1,180	12,715	10,835	1,085	79	9,036
76	Mercer	43	606,631	273,230	19,640	162,325	91,265	333,401	119,668	181	70,819
77	Metcalfe	26	30,569	22,033	1,768	3,240	17,025	8,536	2,726	79	12,577
78	Monroe	22	32,838	22,835	5,329	2,850	14,656	10,003	864	50	13,727
79	Montgomery	23	119,512	103,945	17,965	27,150	58,830	15,567	7,904	87	20,152
80	Morgan	9	19,555	15,600	525	3,225	11,850	3,955	1,334	21	4,876
81	Muhlenberg	24	220,989	87,635	13,295	27,380	46,960	133,354	72,788	371	74,134
82	Nelson	67	876,684	490,674	43,499	226,640	220,535	385,410	852,568	376	115,057
83	Nicholas	10	103,985	41,355	3,625	13,725	24,005	62,630	8,339	62	17,052
84	Ohio	38	79,689	55,595	6,140	9,505	39,950	24,094	4,375	118	32,766
85	Oldham	17	12,187	7,430	1,365	1,800	4,265	4,757	1,381	25	8,167
86	Owen	27	31,090	19,550	1,915	5,475	12,160	11,540	3,536	67	15,450
87	Pendleton	48	185,275	69,655	8,845	19,840	40,970	115,620	25,017	162	42,907
88	Pike	10	21,575	11,530	2,080	2,035	7,415	10,045	355	39	8,270
89	Powell	7	703,032	496,990	8,340	230,950	257,610	206,132	41,389	334	44,322
90	Pulaski	34	166,132	115,064	21,065	25,840	68,150	51,068	6,384	355	133,883
91	Robertson	10	12,406	7,225	550	2,400	4,275	5,181	519	18	5,995
92	Rockcastle	8	29,990	15,430	2,365	2,445	10,620	14,560	4,764	42	6,062
93	Rowan	7	436,150	245,375	115,000	24,150	106,225	190,775	6,383	122	40,850
94	Scott	20	140,455	78,020	13,995	24,325	39,700	62,435	14,822	73	21,235
95	Shelby	43	190,490	99,971	10,360	24,400	65,211	90,519	12,677	122	42,676
96	Simpson	23	110,690	62,250	4,850	12,555	44,845	48,440	14,017	116	28,778
97	Spencer	30	74,610	40,435	1,645	11,565	27,225	34,175	4,625	69	16,072
98	Taylor	20	122,981	62,659	5,692	21,408	35,559	60,322	6,037	132	38,503
99	Todd	37	127,240	91,345	11,945	19,975	59,425	35,901	9,005	131	28,978
100	Trigg	18	75,910	44,565	4,310	9,075	31,180	31,345	2,497	42	10,706
101	Trimble	13	76,113	65,380	1,930	40,725	22,725	10,733	240,816	47	19,140
102	Union	33	226,692	124,880	9,920	35,605	79,355	101,812	163,388	243	75,222
103	Warren	97	531,887	328,047	66,547	107,760	153,740	203,840	33,352	630	236,833
104	Washington	31	38,485	28,450	2,125	7,010	19,315	10,035	2,818	68	13,706
105	Wayne	11	20,743	13,150	1,460	3,000	8,690	7,593	1,861	18	2,336
106	Webster	28	163,192	77,259	5,910	36,610	34,739	85,933	9,301	235	40,109
107	Whitley	15	185,144	89,250	42,864	7,745	38,650	95,885	4,493	127	37,921
108	Wolfe	11	20,841	13,285	790	3,035	9,460	7,556	1,008	38	6,401
109	Woodford	27	378,471	219,445	15,025	81,625	122,795	159,026	297,010	167	52,939
110	All other counties (a)	14	40,075	27,830	4,860	3,815	19,155	12,245	2,726	89	22,535

a Includes establishments distributed as follows: Floyd, 2; Knott, 1; Lawrence, 2; Lee, 2; Letcher, 1; Magoffin, 2; Martin, 1; Owsley, 2; Russell, 1.

LOUISIANA.

BY SPECIFIED INDUSTRIES.

1	All industries	2,613	34,754,121	20,976,072	4,882,106	4,764,183	11,329,783	13,778,049	3,760,753	31,901	13,150,564
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	7	7,970	2,570	.....	.....	2,570	5,400	2,366	20	7,363
3	Awnings, tents, and sails	4	20,610	1,850	.....	.....	1,850	18,760	2,461	33	28,002
4	Bags, other than paper	3	201,500	13,500	4,500	3,500	5,500	188,000	9,755	95	88,904
5	Baskets and rattan and willow ware	7	6,837	4,842	3,100	1,700	42	1,995	1,102	17	8,029
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	153	166,385	99,433	30,105	31,425	37,903	66,952	17,649	401	211,817
7	Bookbinding and blank-book making. (See also Printing and publishing.)	10	23,325	17,700	.....	200	17,500	5,625	3,038	55	27,320
8	Boot and shoe uppers	5	9,755	7,850	3,600	3,000	1,250	1,905	1,012	24	9,487
9	Boots and shoes, custom work and repairing.	222	193,153	96,066	31,200	42,500	22,366	97,087	36,654	620	267,555
10	Boots and shoes, factory product	17	293,244	109,625	22,700	25,800	61,125	183,619	11,653	825	365,280
11	Boxes, cigar	3	24,800	14,000	1,200	1,300	11,500	10,800	3,306	104	35,540
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	8,975	6,200	.....	.....	6,200	2,775	2,415	85	22,050
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	99,650	69,650	13,000	15,500	41,150	30,000	6,504	116	49,080
14	Brass castings and brass finishing	3	14,500	8,100	2,000	1,400	4,700	6,400	435	19	9,466
15	Bread and other bakery products	172	623,074	328,363	97,225	123,020	108,118	294,711	108,256	869	425,825
16	Brick and tile. (See also Clay and pottery products.)	22	315,453	240,138	110,175	61,250	68,713	75,315	18,254	540	143,051

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8	$2,761			43	$8,875											$43,143	$68,683	72
142	84,681	8	$2,944	438	149,577	93	$14,477	106	$8,767	174	$58,092	12	$4,600	5	$300	917,572	1,641,188	73
22	9,936			61	16,135	45	6,240	35	4,050							107,042	162,867	74
6	1,861			53	6,375					20	800					20,942	49,574	75
44	22,168			123	44,888	2	208	1	75	9	3,220			2	260	267,158	616,225	76
21	6,081			52	5,897					6	599					36,911	69,362	77
19	6,162			40	7,565											38,176	62,979	78
16	7,783			68	21,144			3	225							146,576	292,801	79
8	1,038			16	3,318			1	52	1	468					23,105	35,024	80
17	7,640			210	49,756	25	3,395	46	3,799	30	7,018	21	1,664	22	951	153,411	353,917	81
75	45,706	1	1,300	287	64,322			1	75	12	4,254					445,832	1,624,592	82
12	6,397			45	11,145			1	75	4	335					71,167	106,122	83
34	10,548			80	21,443	3	700			1	75					83,916	140,010	84
12	3,862			12	4,161					1	144					21,904	36,127	85
23	6,974			42	8,345			1	50	1	90					35,012	69,206	86
40	14,421			112	27,088	2	300	4	398	4	700					170,478	289,495	87
12	3,012			27	5,258											11,640	27,592	88
5	1,780			329	42,542											430,440	518,207	89
22	6,744			323	126,663			10	476							160,820	349,264	90
8	4,135			10	1,860											8,353	17,645	91
7	1,050			25	5,012	4	400	6	500							22,345	41,650	92
4	3,762			118	37,083											132,745	231,150	93
18	7,515	1	364	54	13,356											116,125	201,626	94
40	17,030			81	25,466					1	180					171,148	269,268	95
20	6,735			85	20,803	5	1,000	6	240							127,650	294,378	96
20	7,510			47	9,082			1	120	1	260					56,712	98,985	97
12	5,613			109	29,900					11	3,080					85,872	176,879	98
21	8,841			87	15,980			10	60	13	3,495					232,801	303,776	99
18	5,771			21	4,633			2	252			1	50			33,134	53,789	100
7	2,358			40	16,791											118,225	401,262	101
30	17,737	1	400	211	56,985			1	100							198,268	537,522	102
61	35,408	3	1,092	403	153,172	135	37,395	6	606	21	8,910	1	250			444,675	839,146	103
26	7,442	1	300	37	5,529	2	475	2	50							49,329	73,449	104
3	708			15	1,628											22,667	39,664	105
24	10,208			153	31,788	29	2,407	27	1,491	2	275					208,338	291,279	106
12	7,976			115	29,945											77,150	193,970	107
4	1,166	1	380	30	4,900			3	15							18,578	39,598	108
16	7,004			146	43,385			1	150	4	2,400					134,969	657,436	109
8	3,074			77	18,828			2	208	2	425					49,788	82,730	110

LOUISIANA.

BY SPECIFIED INDUSTRIES.

3,267	2,912,703	257	124,292	15,998	6,941,230	2,836	601,893	533	59,523	4,969	1,927,637	3,962	581,336	79	10,950	32,282,724	57,806,713	1
																4,387	18,906	2
3	2,280	6	2,436	2	492	9	2,154									41,640	85,500	3
8	10,972			25	15,720							10	2,000	7	1,100	579,175	669,945	4
6	6,800			23	11,002	42	16,952	7	1,050							3,325	15,148	5
4	2,107			13	5,922											96,118	406,564	6
134	79,664			257	130,349			6	826	4	978							
																6,828	42,622	7
12	11,150			35	13,995	8	2,184									31,871	54,231	8
								4	398							195,235	581,639	9
2	1,080			18	8,009			4	598	222	87,939	3	150					
212	112,633			178	65,923	1	312									412,497	968,017	10
								50	1,800	400	179,933	6	900			49,177	91,512	11
39	36,380			327	145,967	3	300	7	325	10	7,500	60	13,492					
4	4,999			21	9,087	2	146									15,661	52,100	12
												18	2,808					
6	4,692	1	1,040	23	7,779	31	4,948	6	792							75,093	158,100	13
								10	2,080									
8	9,344			98	37,656											10,425	28,304	14
																1,316,149	2,191,126	15
2	1,848			17	7,618											55,841	291,125	16
196	142,294	20	9,021	568	257,249	17	5,472	26	3,690	12	6,750	30	1,340					
29	20,007			447	109,421	4	700	15	918	40	11,173			5	832			