TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

FLORIDA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	368	16,058	542	460	15,479
2	Boxes, cigar	1	35	1	1	35
3	Boxes, wooden packing	1	12	1	1	12
4	Bread and other bakery products	1	4			
5	Brick and tile	8	373	11	12	373
6	Brooms and brushes	1	25	2	1	25
7	Carpentering	2	20	2	2	20
8	Carriages and wagons, including custom work and repairing	4	39	3	3	24
9	Cars and general shop construction and repairs by steam railroad companies	6	227	7	7	227
10	Cars, steam railroad, not including operations of railroad companies	1	80	2	1	80
11	Coffee and spice, roasting and grinding	1	12	1	1	12
12	Cooperage	2	50	2	2	50
13	Cotton, ginning	9	176	9	10	176
14	Fertilizers	1	10	1	1	10
15	Flouring and grist mill products	60	1,029	41	41	706
16	Foundry and machine shop products	9	190	10	11	190
17	Furniture, factory product	1	50	1	1	50
18	Gas, illuminating and heating	6	183	10	9	183
19	Hosiery and knit goods	1	25	1	1	25
20	Ice, artificial	8	240	11	14	240
21	Lime and cement	1	10	1	1	10
22	Lumber and other mill products from logs or bolts	187	11,707	374	278	11,574
23	Lumber, planing mill products, including sash, doors, and blinds	15	405	14	15	380
24	Mattresses and spring beds	1	10	1	1	10
25	Mineral and soda waters	2	10	2	2	10
26	Oil, cottonseed and cake	1	200	3	3	200
27	Oysters, canning and preserving	1	2			
28	Plastering and stuccowork	1	80	2	1	80
29	Plumbing and gas fitting	2	10	1	1	2
30	Printing and publishing, book and job	1	7			
31	Printing and publishing, newspapers and periodicals	24	151	15	15	97
32	Rice, cleaning and polishing	1	8			
33	Shipbuilding	2	86	3	3	86
34	Slaughtering and meat packing, wholesale	1	10	1	1	10
35	Starch	1	2	1	1	2
36	Sugar and molasses, refining	1	500	4	15	500
37	Upholstery materials	2	14	2	2	14
38	Wood, preserving	1	60	2	2	60

GEORGIA.

1	All industries	2,002	84,221	1,736	1,565	55,082
2	Agricultural implements	10	517	12	12	490
3	Bagging, flax, hemp, and jute	1	100	1	1	100
4	Bags, paper	2	70	2	2	70
5	Baking and yeast powders	1	6			
6	Blacksmithing and wheelwrighting	2	6	2	2	6
7	Boots and shoes, factory product	1	10	1	1	10
8	Bottling	2	12	1	1	6
9	Boxes, fancy and paper	1	8			
10	Boxes, wooden packing	2	120	2	3	120
11	Bread and other bakery products	6	148	6	6	148
12	Brick and tile	48	1,928	56	53	1,928
13	Bridges	1	36	3	3	36
14	Carpentering	6	163	4	4	77
15	Carriage and wagon materials	1	80	1	2	80
16	Carriages and wagons, including custom work and repairing	20	415	20	20	345
17	Cars and general shop construction and repairs by steam railroad companies	10	420	12	12	370
18	Chemicals	2	74	2	2	74
19	Clay and pottery products	5	293	8	5	280
20	Clothing, men's, factory product	5	23			
21	Coffee and spice, roasting and grinding	1	12	1	1	12
22	Coffins, burial cases, and undertakers' goods	3	86	3	3	86
23	Cooperage	3	155	3	4	125
24	Cordage and twine	1	75			
25	Cotton, ginning	270	3,571	239	238	2,975
26	Cotton goods	53	20,882	96	46	7,380
27	Cutlery and edge tools	1	7			
28	Dentistry, mechanical	1	1			
29	Electrical apparatus and supplies	1	1			
30	Fertilizers	38	3,104	74	56	3,104
31	Flouring and grist mill products	719	16,888	192	188	5,192

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

FLORIDA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	Not specified. (Horse power.)	
45	496	16	224	29	272	3	63	13	.....	4	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
29	323	12	161	17	162	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
11	133	3	38	8	95	.....	.....	.....	.....	.....	22
1	25	1	25	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	30
4	15	.....	.....	4	15	3	29	5	.....	2	31
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38

GEORGIA.

1,121	28,380	505	19,354	616	9,026	157	119	447	10	26	1
1	27	1	27	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
4	75	.....	.....	4	75	.....	.....	11	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
2	60	2	60	.....	.....	.....	.....	10	.....	.....	16
1	50	1	50	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
1	10	1	10	.....	.....	.....	.....	.....	.....	3	19
.....	.....	.....	.....	.....	.....	5	18	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	23
1	75	1	75	.....	.....	.....	.....	.....	.....	.....	24
38	458	10	170	26	288	.....	.....	138	.....	.....	25
73	13,447	62	11,531	11	1,916	55	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
896	11,733	331	5,800	515	5,933	.....	.....	.....	.....	33	31

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

GEORGIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
32	Foundry and machine shop products	45	1,448	47	49	1,327
33	Fruits and vegetables, canning and preserving	3	81	3	3	81
34	Furnishing goods, men's	1	1			
35	Furniture, cabinetmaking, repairing and upholstering	4	31	3	3	25
36	Furniture, chairs	4	75	2	2	55
37	Furniture, factory product	16	820	15	15	705
38	Gas, illuminating and heating	10	467	16	15	467
39	Glass	1	35	1	1	35
40	Hats and caps, not including wool hats	1	4			
41	Hosiery and knit goods	4	151	2	3	55
42	Ice, artificial	16	1,395	22	30	1,330
43	Iron and steel	5	2,710	38	14	2,710
44	Ironwork, architectural and ornamental	2	90	2	2	90
45	Leather, tanned and curried	10	219	8	8	165
46	Lime and cement	2	280	6	5	220
47	Liquors, distilled	6	132	9	7	132
48	Liquors, malt	5	490	11	13	490
49	Lithographing and engraving	1	10	1	1	10
50	Lumber and other mill products from logs or bolts	426	15,277	588	510	14,516
51	Lumber, planing mill products, including sash, doors, and blinds	89	3,410	89	84	3,230
52	Marble and stone work	5	219	4	4	215
53	Mattresses and spring beds	2	200	3	3	200
54	Mineral and soda waters	2	11	2	2	11
55	Musical instruments, pianos and materials	1	50	1	1	50
56	Oil, cottonseed and cake	17	3,853	39	35	3,753
57	Oil, resin	1	75	1	1	75
58	Paints	3	75	3	3	75
59	Paper	3	875	4	6	180
60	Patent medicines and compounds	1	36	2	2	30
61	Paving and paving materials	3	45	5	4	45
62	Perfumery and cosmetics	1	25	1	1	25
63	Plumbing and gas fitting	1	4			
64	Printing and publishing, book and job	24	196	9	10	128
65	Printing and publishing, newspapers and periodicals	38	461	28	30	350
66	Rice, cleaning and polishing	3	760	9	13	760
67	Sausage	1	6	1	1	6
68	Saws	1	25	1	1	25
69	Shipbuilding	3	244	4	3	244
70	Shirts	1	1			
71	Show cases	1	10			
72	Slaughtering and meat packing, wholesale	1	10	1	1	10
73	Soap and candles	2	40	2	2	40
74	Steam fittings and heating apparatus	1	8	1	1	8
75	Stereotyping and electrotyping	1	6			
76	Tinsmithing, coppersmithing, and sheet-iron working	1	12			
77	Tools, not elsewhere specified	1	65	2	2	65
78	Trunks and valises	2	60	2	2	60
79	Upholstery materials	1	35	1	1	35
80	Vinegar and cider	3	29	3	3	29
81	Wood, turned and carved	2	50	1	1	10
82	Woodenware, not elsewhere specified	2	48	1	1	40
83	Woolen goods	14	350	1	1	4

IDAHO.

1	All industries	64	2,001	36	33	972
2	Brick and tile	1	3			
3	Flouring and grist mill products	13	499	4	4	150
4	Furniture, cabinetmaking, repairing and upholstering	1	8			
5	Liquors, malt	1	6	1	1	6
6	Lumber and other mill products from logs or bolts	40	1,432	28	25	793
7	Lumber, planing mill products, including sash, doors, and blinds	1	20	1	1	20
8	Printing and publishing, newspapers and periodicals	6	18	2	2	4
9	Woolen goods	1	15			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

GEORGIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2	60	1	35	1	25	.....	11	48	2	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	35
2	5	.....	.....	2	5	.....	.....	15	.....	.....	36
3	45	2	30	1	15	.....	.....	70	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	40
2	81	2	81	.....	.....	15	.....	.....	.....	.....	41
1	25	.....	.....	1	25	.....	.....	40	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
4	54	.....	.....	4	54	.....	.....	.....	.....	.....	45
1	60	1	60	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
60	761	25	419	35	342	.....	.....	.....	.....	.....	50
3	155	.....	.....	3	155	.....	.....	25	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
1	100	1	100	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
9	695	9	695	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	24	36	8	.....	.....	64
5	18	.....	.....	5	18	16	21	50	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	70
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
1	40	.....	.....	1	40	.....	.....	.....	.....	.....	81
.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	82
12	346	5	211	7	135	.....	.....	.....	.....	.....	83

IDAHO.

22	1,024	24	883	8	141	2	.....	.....	.....	3	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
11	349	11	349	.....	.....	.....	.....	.....	.....	.....	3
1	8	.....	.....	1	8	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
16	640	12	519	4	121	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
3	12	.....	.....	3	12	2	.....	.....	.....	.....	8
1	15	1	15	.....	.....	.....	.....	.....	.....	.....	9

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND ILLINOIS.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	4,913	286,666	6,297	4,967	261,865
2	Agricultural implements	90	11,731	149	96	9,803
3	Ammunition	2	30	1	1	20
4	Artificial limbs	1	3			
5	Awnings, tents, and sails	8	57	2	2	25
6	Axle grease	3	30	3	3	30
7	Babbitt metal and solder	1	6	1	1	6
8	Bags, other than paper	4	47	2	2	41
9	Bags, paper	2	140	3	2	100
10	Baking and yeast powders	9	330	7	5	201
11	Baskets and rattan and willow ware	1	2			
12	Bellows	1	25	1	1	25
13	Bells	1	10			
14	Belting and hose, leather	3	96	2	1	75
15	Belting and hose, rubber	1	497	3	2	477
16	Bicycles and tricycles	5	805	5	5	790
17	Billiard tables and materials	2	304	4	1	300
18	Blacking	1	3			
19	Blacksmithing and wheelwrighting	81	709	79	80	599
20	Bluing	1	5			
21	Bone, ivory, and lamp black	1	90	2	2	90
22	Bookbinding and blank book making	23	317	5	5	133
23	Boot and shoe cut stock	4	54	1	1	30
24	Boot and shoe uppers	1	7			
25	Boots and shoes, custom work and repairing	2	4	1	1	2
26	Boots and shoes, factory product	38	1,069	26	20	869
27	Bottling	9	40	9	9	40
28	Boxes, cigar	9	103	7	7	94
29	Boxes, fancy and paper	16	289	9	6	159
30	Boxes, wooden packing	16	1,957	24	18	1,956
31	Brass castings and brass finishing	27	343	13	12	223
32	Brassware	3	9			
33	Bread and other bakery products	31	638	26	22	589
34	Brick and tile	333	13,975	415	372	13,970
35	Bridges	4	1,950	27	26	1,950
36	Bronze castings	1	40	2	1	40
37	Brooms and brushes	9	71	5	5	53
38	Buttons	2	4			
39	Carpentering	87	1,420	60	60	1,016
40	Carpets, wood	1	25			
41	Carriage and wagon materials	8	230	7	7	222
42	Carriages and sleds, children's	3	245	4	3	245
43	Carriages and wagons, including custom work and repairing	88	2,868	96	84	2,017
44	Cars and general shop construction and repairs by steam railroad companies	43	3,080	94	67	3,055
45	Cars and general shop construction and repairs by street railroad companies	3	170	4	3	170
46	Cars, steam railroad, not including operations of railroad companies	9	7,798	66	30	7,780
47	Cheese and butter, urban dairy product	1	7	1	1	7
48	Cheese, butter, and condensed milk, factory product	202	2,896	290	292	2,890
49	Chemicals	20	563	21	20	476
50	Cigar molds	1	2			
51	Clay and pottery products	20	1,705	37	24	1,185
52	Cleansing and polishing preparations	2	33	1	1	30
53	Clocks	1	10			
54	Clothing, men's, custom work and repairing	2	4	2	2	4
55	Clothing, men's, factory product	41	526	34	33	433
56	Coffee and spice, roasting and grinding	15	698	19	14	678
57	Coffins, burial cases, and undertakers' goods	11	475	10	8	405
58	Coke	1	40	1	1	40
59	Confectionery	28	537	28	24	427
60	Cooperage	26	1,402	34	26	1,356
61	Cordage and twine	6	1,415	13	8	1,415
62	Cordials and sirups	1	35	1	1	35
63	Cork, cutting	4	55	1	1	40
64	Corsets	1	10			
65	Cotton goods	4	750	4	1	400
66	Crucibles	1	100	2	1	100
67	Cutlery and edge tools	6	179	5	4	164
68	Dentistry, mechanical	4	11			
69	Dentists' materials	1	1			
70	Druggists' preparations, not including prescriptions	1	3	1	1	3
71	Drug grinding	1	150	2	1	150
72	Dyeing and cleaning	15	122	15	15	122
73	Dyeing and finishing textiles	3	57	3	3	57
74	Electrical apparatus and supplies	8	154	3	2	50
75	Electroplating	11	156	3	4	130
76	Emery wheels	1	3			
77	Engravers' materials	3	18			
78	Engraving and diesinking	9	30			
79	Envelopes	3	19			
80	Fancy articles, not elsewhere specified	1	1			
81	Fertilizers	3	704	9	5	704

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
446	15,992	345	13,941	101	2,051	939	703	6,621	132	493	1
30	1,814	27	1,654	3	160	30		84			2
						3		10			3
							29	12			4
											5
											6
											7
						3		3			8
1	40			1	40						9
						2	7	61			10
								2			11
											12
								19			13
								21			14
						20					15
							15				16
							4				17
								3			18
1	100	1	100					10			19
								5			20
											21
1	2	1	2			12	17	153			22
							10	14			23
								7			24
						2					25
						20	10	170			26
											27
								9			28
1	3			1	3	1	2	124			29
								1			30
1	30	1	30					99			31
								9			32
2	8			2	8	12	29				33
2	5	2	5								34
											35
											36
1	6			1	6			12			37
								4			38
5	160	4	150	1	10	6	10	228			39
								25			40
								8			41
											42
3	130	2	120	1	10		4	51	63	3	43
										25	44
											45
								18			46
											47
								6			48
							3	84			49
								2			50
4	520	4	520								51
								3			52
							10				53
											54
						27	10	56			55
						13	7				56
							17	53			57
											58
1	7			1	7	19		84			59
1	40	1	40				6				60
											61
											62
								15			63
								10			64
											65
6	350	5	325	1	25						66
								15			67
						11					68
								1			69
											70
											71
											72
											73
								104			74
						16		10			75
								2			76
								12			77
						4	7	19			78
							14	5			79
								1			80
											81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Files	2	65	1	1	35
83	Fire extinguishers, chemical	2	7	1	1	6
84	Flavoring extracts	3	54	3	3	54
85	Flouring and grist mill products	633	39,382	700	582	32,272
86	Food preparations	11	395	14	11	389
87	Foundry and machine shop products	365	14,519	352	323	12,603
88	Foundry supplies	1	2			
89	Fruits and vegetables, canning and preserving	20	689	26	20	628
90	Fur goods	1	1			
91	Furnishing goods, men's	4	47	3	2	37
92	Furniture, cabinetmaking, repairing and upholstering	20	410	18	13	287
93	Furniture, chairs	9	459	9	6	425
94	Furniture, factory product	127	6,619	116	95	5,963
95	Furs, dressed	1	6	1	1	6
96	Galvanizing	3	172	4	4	172
97	Gas and lamp fixtures	4	107	3	2	80
98	Gas, illuminating and heating	24	3,058	66	59	3,058
99	Gas machines and meters	1	3			
100	Gas stoves	2	84	2	1	80
101	Glass	10	372	18	12	372
102	Glass, cutting, staining, and ornamenting	11	206	3	2	170
103	Gloves and mittens	2	35	2	2	35
104	Glucose	4	5,860	80	27	5,800
105	Glue	1	250	9	2	250
106	Gold and silver, reducing and refining, not from the ore	1	260	4	8	260
107	Grease and tallow	8	443	13	21	443
108	Hand stamps	1	3			
109	Hardware	31	1,052	26	18	954
110	Hardware, saddlery	6	22			
111	Hats and caps, not including wool hats	3	7			
112	Hay and straw, baling	5	137	5	5	137
113	Hosiery and knit goods	20	601	14	10	442
114	House furnishing goods, not elsewhere specified	5	163	5	5	117
115	Ice, artificial	8	618	13	12	618
116	Ink, printing	1	10			
117	Ink, writing	1	18	1	2	18
118	Instruments, professional and scientific	5	23	1	1	10
119	Iron and steel	20	37,880	404	260	37,880
120	Iron and steel, bolts, nuts, washers, and rivets	2	135	2	1	75
121	Iron and steel, doors and shutters	1	20	1	1	20
122	Iron and steel, forgings	8	432	9	6	410
123	Iron and steel, nails and spikes, cut and wrought, including wire nails	10	1,997	32	17	1,912
124	Iron and steel, pipe, wrought	2	775	30	13	775
125	Ironwork, architectural and ornamental	34	1,539	30	31	1,451
126	Ivory and bone work	1	1			
127	Jewelry	14	57	1	1	7
128	Jewelry and instrument cases	2	26	1	1	25
129	Kaolin and other earth grinding	2	175	3	2	175
130	Kindling wood	1	3	1	1	3
131	Labels and tags	7	33	2	2	3
132	Lamps and reflectors	5	52	1	1	10
133	Lapidary work	1	1			
134	Lard, refined	2	185	10	5	185
135	Lasts	2	45			
136	Lead, bar, pipe, and sheet	3	405	5	4	380
137	Leather goods	3	62	2	2	60
138	Leather, tanned and curried	28	1,741	56	32	1,741
139	Lime and cement	13	749	31	22	749
140	Liquors, distilled	7	4,715	194	64	4,715
141	Liquors, malt	85	9,413	190	206	9,403
142	Lithographing and engraving	13	156	1	1	60
143	Lock and gun smithing	9	42	5	5	33
144	Looking-glass and picture frames	29	807	18	16	680
145	Lumber and other mill products from logs or bolts	333	11,518	415	362	11,219
146	Lumber, planing mill products, including sash, doors, and blinds	202	14,830	265	194	14,170
147	Malt	19	1,443	30	29	1,402
148	Mantels, slate, marble, and marbleized	4	210	5	4	210
149	Marble and stone work	24	1,336	30	29	1,311
150	Masonry, brick and stone	12	971	42	42	961
151	Mats and matting	1	3			
152	Mattresses and spring beds	11	663	10	7	641
153	Millinery and lace goods	5	37	5	1	15
154	Mineral and soda waters	30	256	28	27	231
155	Mirrors	6	131	4	4	120
156	Models and patterns	22	89	1	1	5
157	Monuments and tombstones	8	335	9	7	265
158	Mucilage and paste	2	35	2	2	35
159	Musical instruments and materials, not specified	5	189	5	4	185
160	Musical instruments, organs and materials	13	1,166	23	13	1,148
161	Musical instruments, pianos and materials	5	316	4	3	290

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	30			1	30						82
								1			83
											84
225	6,754	187	5,885	38	869					356	85
							5	1			86
29	973	17	723	12	250	38	25	852	28		87
								2			88
						1		60			89
						1					90
							2	8			91
						40		81		2	92
							5	28			93
1	75	1	75			56	80	445			94
											95
											96
								27			97
											98
								3			99
								4			100
											101
								30			102
											103
											104
											105
											106
											107
								3			108
1	25	1	25				10	61	2		109
						10		12			110
						2		5			111
											112
4	135	4	135			20	4				113
								46			114
											115
						10					116
											117
							2	11			118
											119
1	60			1	60						120
											121
								22			122
1	50	1	50					35			123
											124
								88			125
								1			126
						15		29	6		127
						1					128
											129
											130
1	20			1	20			10			131
							10	32			132
								1			133
											134
								45			135
								25			136
								2			137
											138
											139
											140
						10					141
								96			142
2	5			2	5		4				143
							7	120			144
7	275	6	205	1	10			84			145
7	250	4	110	3	140	40	25	345			146
1	6			1	6	35					147
											148
								25			149
											150
1	10	1	10					3			151
								18			152
2	4	2	4					19			153
						3		6			154
1	5	1	5			2	12	11			155
2	20	1	5	1	15		7	51	6		156
								50			157
											158
								4			159
								18			160
								28			161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Nets and seines	1	3			
163	Oil, castor	1	25	1	1	25
164	Oil, linseed	7	760	13	7	760
165	Oil, lubricating	2	75	2	2	75
166	Oleomargarine	4	277	7	4	277
167	Optical goods	4	43	2	1	35
168	Painting and paper hanging	3	102	3	3	102
169	Paints	31	1,832	34	26	1,717
170	Paper	20	6,254	52	32	2,900
171	Patent medicines and compounds	9	91	9	5	71
172	Paving and paving materials	11	1,218	30	26	1,218
173	Pens, fountain and stylographic	1	2			
174	Perfumery and cosmetics	4	29	1	1	20
175	Photographic apparatus	2	16	2	2	16
176	Photographic materials	1	2			
177	Photography	2	30	2	2	27
178	Photolithographing and engraving	3	26	1	1	20
179	Pickles, preserves, and sauces	16	296	12	12	244
180	Pipes, tobacco	2	10			
181	Plastering and stuccowork	1	60	1	1	60
182	Plated and britannia ware	2	41	1	1	16
183	Plumbers' supplies	4	274	5	3	265
184	Plumbing and gas fitting	12	147	7	7	125
185	Printing and publishing, book and job	188	2,207	52	42	1,069
186	Printing and publishing, newspapers and periodicals	225	3,524	163	153	2,916
187	Printing materials	10	88	2	2	54
188	Pulp goods	1	15			
189	Pumps, not including steam pumps	7	307	9	7	277
190	Refrigerators	1	20			
191	Registers, car fare	1	5			
192	Registers, cash	1	10			
193	Roofing and roofing materials	2	325	3	2	325
194	Rubber and elastic goods	3	192	2	3	190
195	Rules, ivory and wood	1	3			
196	Saddlery and harness	15	193	10	8	153
197	Safes and vaults	1	25			
198	Salt	1	70	7	7	70
199	Sausage	4	50	4	5	50
200	Saws	10	147	3	4	105
201	Scales and balances	6	153	6	5	146
202	Screws, machine	1	50	2	1	50
203	Sewing machine cases	3	310	8	8	310
204	Sewing machines and attachments	7	240	5	4	195
205	Shipbuilding	5	324	7	8	324
206	Shirts	15	125	4	4	28
207	Shoddy	3	215	2	2	215
208	Show cases	8	161	3	3	135
209	Silk and silk goods	10	96	3	2	50
210	Silversmithing	4	36			
211	Slaughtering and meat packing, wholesale	62	16,151	344	181	16,151
212	Smelting and refining	3	334	6	5	334
213	Soap and candles	22	1,296	43	29	1,296
214	Spouting goods	3	136	3	3	136
215	Springs, steel, car and carriage	6	990	7	7	960
216	Stamped ware	4	77	4	3	70
217	Starch	1	60	2	1	60
218	Stationery goods, not elsewhere specified	4	13	1	1	3
219	Steam fittings and heating apparatus	17	902	17	13	818
220	Steam packing	1	2			
221	Stencils and brands	1	15			
222	Stereotyping and electrotyping	6	88			
223	Sugar and molasses, refining	15	1,247	36	17	1,247
224	Surgical appliances	3	32	1	1	25
225	Tinfoil	1	25			
226	Tinsmithing, coppersmithing, and sheet-iron working	33	754	21	16	595
227	Tobacco, chewing, smoking, and snuff	12	570	14	11	566
228	Tobacco, cigars and cigarettes	1	10			
229	Tools, not elsewhere specified	17	148	7	7	113
230	Toys and games	2	23	1	1	20
231	Trunks and valises	4	60	4	4	60
232	Type founding	3	39	1	1	30
233	Typewriters and supplies	1	7			
234	Upholstery materials	3	156	3	3	156
235	Varnish	7	227	10	7	227
236	Vault lights and ventilators	2	35	2	2	35
237	Vinegar and cider	26	901	29	27	901
238	Washing machines and clothes wringers	2	16	1	1	12
239	Watch and clock materials	1	12	1	1	12
240	Watch cases	3	81	1	1	75
241	Watch, clock, and jewelry repairing	7	19	1	1	2

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											162
						3					163
											164
											165
											166
						3		5			167
											168
60	3,349	52	3,124	8	225	5	15	100			169
						1	10	9			170
											171
											172
								4			173
							2	7			174
											175
1	2			1	2						176
						3					177
						3		3			178
								52			179
1	8			1	8			2			180
											181
1	25	1	25								182
								9			183
						15		3	4		184
1	3			1	3	138	96	901			185
20	128	8	64	12	62	208	66	193	7	8	186
								34			187
								15			188
1	30			1	30						189
1	20	1	20								190
								5			191
								10			192
											193
							2				194
						3					195
1	15			1	15	3	10	12			196
								25			197
											198
											199
								42			200
								7			201
											202
											203
								45			204
											205
						5	1	91			206
											207
1	10			1	10	2	9	5			208
						1	15	30			209
								36			210
											211
											212
											213
											214
								30			215
								7			216
											217
								10			218
								84			219
								2			220
							15				221
						25		63			222
											223
						3		4			224
								25			225
						25	43	91			226
							4				227
							10				228
								32	3		229
								3			230
											231
								9			232
								7			233
											234
											235
											236
											237
								4			238
											239
									6		240
						5		9	3		241

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Watches	4	930	26	9	930
243	Windmills	11	271	9	8	242
244	Window shades	1	100	2	1	100
245	Wire	1	590	4	2	350
246	Wirework, including wire rope and cable	24	1,095	27	21	915
247	Wood, turned and carved	29	296	10	10	192
248	Woodenware, not elsewhere specified	1	12	1	1	12
249	Woolen goods	23	1,122	31	23	972
250	Zinc	2	1,150	13	5	1,150

INDIAN TERRITORY.

1	All industries	11	424	12	13	349
2	Cars and general shop construction and repairs by steam railroad companies	1	40	1	1	40
3	Coke	1	60	1	1	60
4	Cotton, ginning	2	50	2	2	50
5	Flouring and grist mill products	2	170	2	2	95
6	Lumber and other mill products from logs or bolts	3	85	4	5	85
7	Lumber, planing mill products, including sash, doors, and blinds	1	15	1	1	15
8	Printing and publishing, newspapers and periodicals	1	4	1	1	4

INDIANA.

1	All industries	4,292	190,898	4,934	4,523	172,506
2	Agricultural implements	43	4,194	56	42	3,749
3	Artists' materials	1	35	1	1	35
4	Awnings, tents, and sails	1	4	1	1	4
5	Bagging, flax, hemp, and jute	3	185	4	4	185
6	Baking and yeast powders	1	15	1	1	15
7	Baskets and rattan and willow ware	1	50	2	2	50
8	Bells	1	20	1	1	20
9	Belting and hose, leather	1	15	1	1	15
10	Bicycles and tricycle repairing	1	1			
11	Bicycles and tricycles	1	50	1	1	50
12	Blacksmithing and wheelwrighting	20	121	20	20	121
13	Bookbinding and blank-book making	2	22			
14	Boots and shoes, factory product	4	58	2	2	45
15	Bottling	6	44	6	6	44
16	Boxes, cigar	4	54	3	3	50
17	Boxes, fancy and paper	1	4	2	1	4
18	Boxes, wooden packing	6	204	9	6	204
19	Brass castings and brass finishing	3	36	3	3	36
20	Bread and other bakery products	21	309	19	19	297
21	Brick and tile	417	8,179	435	421	8,051
22	Bridges	1	40	1	1	40
23	Brooms and brushes	5	112	4	4	104
24	Carpentering	30	705	28	27	679
25	Carpets, rag	1	4	1	1	4
26	Carriage and wagon materials	34	3,411	59	42	3,371
27	Carriages and wagons, including custom work and repairing	49	3,064	59	48	2,984
28	Cars and general shop construction and repairs by steam railroad companies	26	3,015	58	43	3,015
29	Cars, steam railroad, not including operations of railroad companies	4	3,010	33	26	3,010
30	Cheese and butter, urban dairy product	3	29	3	3	29
31	Cheese, butter, and condensed milk, factory product	30	181	29	30	178
32	Chemicals	3	99	4	6	96
33	Clay and pottery products	9	305	13	9	225
34	Cleansing and polishing preparations	1	1			
35	Clothing, horse	1	20	1	1	20
36	Clothing, men's, factory product	14	109	6	6	68
37	Clothing, women's, factory product	1	3			
38	Coffee and spice, roasting and grinding	12	402	13	12	402
39	Coffins and burial cases, trimming and finishing	1	8	1	1	8
40	Coffins, burial cases, and undertakers' goods	7	335	8	7	335
41	Confectionery	17	173	15	16	164
42	Cooperage	27	1,611	39	32	1,611
43	Corsets	1	15			
44	Cotton goods	6	2,280	41	11	2,280
45	Cutlery and edge tools	8	317	8	7	302
46	Dentistry, mechanical	1	2			
47	Dyeing and cleaning	6	55	6	6	55
48	Electroplating	3	52	2	2	51
49	Felt goods	1	120	1	1	60
50	Fertilizers	4	128	5	4	128
51	Files	1	8			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											242
1	10	1	10						4	15	243
											244
3	240	3	240								245
3	135	2	125	1	10		10	35			246
2	17	1	5	1	12	3		84			247
2	150	2	150								248
											249
											250

INDIAN TERRITORY.

2	75	2	75								1
											2
											3
2	75	2	75								4
											5
											6
											7
											8

INDIANA.

698	16,181	470	12,265	228	3,916	323	176	1,554	124	34	1
8	370	6	270	2	100		10	15	50		2
											3
											4
											5
											6
											7
											8
											9
						1					10
											11
											12
							2	20			13
						13					14
											15
							4				16
											17
											18
											19
							12				20
4	78	4	78					30		29	21
											22
								8			23
								26			24
											25
								40			26
4	215	3	190	1	25			765			27
											28
											29
											30
								3			31
						3					32
1	80			1	80						33
						1					34
											35
						20	11	10			36
						3					37
											38
											39
											40
						7	2				41
											42
1	15	1	15								43
											44
								15			45
1	2			1	2						46
											47
						1					48
1	60			1	60						49
											50
								8			51

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

INDIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
52	Flouring and grist mill products	722	38,785	641	574	29,459
53	Food preparations	1	807	12	6	800
54	Foundry and machine shop products	182	6,570	208	207	6,380
55	Fruits and vegetables, canning and preserving	8	460	19	9	460
56	Furniture, cabinetmaking, repairing and upholstering	10	175	9	9	121
57	Furniture, chairs	17	799	21	17	784
58	Furniture, factory product	96	5,544	126	105	5,240
59	Gas and lamp fixtures	1	8	1	1	8
60	Gas, illuminating and heating	26	458	28	32	453
61	Glass	16	6,670	45	69	6,670
62	Glass, cutting, staining, and ornamenting	1	10	1	1	10
63	Glue	3	228	9	9	228
64	Grease and tallow	4	54	5	4	54
65	Hardware	1	6	1	1	6
66	Hosiery and knit goods	9	443	9	6	222
67	House furnishing goods, not elsewhere specified	2	100	3	2	100
68	Ice, artificial	2	235	4	3	235
69	Instruments, professional and scientific	1	10	1	1	10
70	Iron and steel	10	5,190	78	65	5,190
71	Iron and steel, bolts, nuts, washers, and rivets	2	135	2	2	135
72	Iron and steel, nails and spikes, cut and wrought, including wire nails	4	2,790	36	16	2,790
73	Ironwork, architectural and ornamental	9	238	9	9	238
74	Leather, tanned and curried	26	615	29	28	615
75	Lightning rods	2	38	1	1	30
76	Lime and cement	15	1,445	38	35	1,385
77	Liquors, distilled	8	613	39	17	603
78	Liquors, malt	35	3,290	85	108	3,240
79	Liquors, vinous	1	8	1	1	8
80	Lock and gun smithing	3	14	2	2	13
81	Looking-glass and picture frames	4	103	4	3	101
82	Lumber and other mill products from logs or bolts	1,496	49,240	1,636	1,597	48,142
83	Lumber, planing mill products, including sash, doors, and blinds	171	6,471	178	170	6,206
84	Malt	2	18	2	2	18
85	Marble and stone work	8	195	9	8	195
86	Masonry, brick and stone	4	29	4	4	29
87	Mattresses and spring beds	1	40	1	1	40
88	Millinery and lace goods	1	30	1	1	30
89	Mineral and soda waters	10	65	10	10	65
90	Models and patterns	3	13	1	1	6
91	Monuments and tombstones	2	23	1	1	15
92	Musical instruments and materials, not specified	1	70	1	1	40
93	Musical instruments, organs and materials	4	131	4	5	131
94	Musical instruments, pianos and materials	2	115	1	1	40
95	Oil, linseed	3	270	5	3	245
96	Paints	4	105	4	4	105
97	Paper	21	5,873	68	45	4,195
98	Paper goods, not elsewhere specified	1	6	1	1	6
99	Patent medicines and compounds	4	39	3	3	35
100	Paving and paving materials	2	170	4	5	170
101	Perfumery and cosmetics	1	4			
102	Photographic materials	1	10	1	1	10
103	Pickles, preserves, and sauces	2	33	2	2	33
104	Plastering and stuccowork	1	20	1	1	20
105	Plumbing and gas fitting	7	115	7	8	115
106	Printing and publishing, book and job	45	339	28	28	293
107	Printing and publishing, newspapers and periodicals	179	981	127	128	729
108	Pulp, wood	6	2,163	14	7	950
109	Pumps, not including steam pumps	14	466	11	12	356
110	Refrigerators	2	162	4	3	162
111	Roofing and roofing materials	1	20	1	1	20
112	Saddlery and harness	13	195	11	11	186
113	Sausage	1	4	1	1	4
114	Saws	2	340	6	2	340
115	Scales and balances	1	10	1	1	10
116	Sewing machine cases	2	1,100	14	6	950
117	Shipbuilding	5	360	17	18	300
118	Shirts	5	58	2	2	50
119	Slaughtering and meat packing, wholesale	13	1,358	44	24	1,353
120	Soap and candles	9	360	11	13	300
121	Springs, steel, car and carriage	2	115	3	2	115
122	Stamped ware	1	70	1	1	70
123	Starch	8	1,360	31	19	1,085
124	Stationery goods, not elsewhere specified	1	6	1	1	6
125	Steam fittings and heating apparatus	5	167	3	4	115
126	Stereotyping and electrotyping	1	20	1	1	20
127	Sugar and molasses, refining	15	284	17	15	284
128	Surgical appliances	1	2			
129	Tinsmithing, coppersmithing, and sheet-iron working	7	40	5	5	42
130	Tobacco, cigars and cigarettes	1	4			
131	Tobacco, stemming and rehandling	1	50	1	1	50

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
489	9,326	346	6,891	143	2,435						52
							7				53
3	145	3	145			4	15	16			54
											55
1	54	1	54								56
								15			57
3	135	3	135			2		107			58
											59
											60
											61
											62
											63
											64
											65
4	221	3	96	1	125						66
											67
											68
											69
											70
											71
											72
						2					73
											74
								8			75
1	60			1	60						76
						10					77
1	25	1	25			25					78
											79
									1		80
						2					81
70	1,058	26	528	44	530			40			82
3	175	3	175					40	50		83
											84
											85
											86
											87
											88
											89
								7			90
								8			91
1	30	1	30								92
											93
1	75			1	75						94
1	25	1	25								95
											96
32	1,678	28	1,515	4	163						97
											98
							4				99
											100
							4				101
											102
											103
											104
											105
4	10	1	1	3	9	19	17				106
18	62	2	5	16	57	53	84	38	3	12	107
16	1,213	16	1,213								108
								110			109
											110
											111
1	3			1	3			6			112
											113
											114
											115
2	150	2	150								116
											117
						3		5			118
						5					119
											120
											121
											122
4	215	4	215								123
											124
1	50			1	50	2					125
											126
											127
						2					128
								5		2	129
							4				130
											131

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

INDIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
132	Tools, not elsewhere specified	3	124	3	3	124
133	Toys and games	1	125	2	1	125
134	Upholstery materials	8	368	8	7	248
135	Varnish	1	60	2	1	60
136	Vinegar and cider	18	220	15	15	183
137	Washing machines and clothes wringers	11	361	10	10	331
138	Wheelbarrows	2	100	3	2	100
139	Windmills	10	376	9	8	286
140	Wire	1	3,000	21	4	3,000
141	Wirework, including wire rope and cable	9	134	7	7	113
142	Wood, turned and carved	19	1,321	20	16	1,004
143	Woodenware, not elsewhere specified	5	335	8	7	335
144	Woolen goods	45	2,311	54	37	1,901

IOWA.

1	All industries	2,051	77,809	2,288	1,969	64,697
2	Agricultural implements	26	960	34	26	840
3	Awnings, tents, and sails	2	3	1	1	2
4	Bags, other than paper	3	34	2	2	29
5	Blacksmithing and wheelwrighting	128	928	125	125	916
6	Bookbinding and blank-book making	2	3	1	1	2
7	Boots and shoes, factory product	5	127	6	5	127
8	Bottling	5	64	6	6	64
9	Boxes, cigar	4	25	4	4	25
10	Boxes, fancy and paper	1	4			
11	Boxes, wooden packing	6	249	6	5	245
12	Bread and other bakery products	18	262	17	17	261
13	Brick and tile	105	3,341	113	107	3,301
14	Bridges	4	133	5	4	133
15	Brooms and brushes	3	15	1	1	4
16	Carpentering	41	464	30	38	448
17	Carpets, rag	1	15	1	1	15
18	Carriages and sleds, children's	1	5	1	1	5
19	Carriages and wagons, including custom work and repairing	64	1,262	65	64	1,250
20	Cars and general shop construction and repairs by steam railroad companies	29	1,905	52	35	1,905
21	Cheese and butter, urban dairy product	3	22	3	3	22
22	Cheese, butter, and condensed milk, factory product	416	4,850	478	478	4,787
23	Chemicals	1	2	1	1	2
24	Cigar molds	2	69	3	2	65
25	Clay and pottery products	9	348	11	9	348
26	Clothing, men's, factory product	5	38	2	2	24
27	Coffee and spice, roasting and grinding	8	116	6	6	86
28	Coffins and burial cases, trimming and finishing	1	5	1	1	5
29	Coffins, burial cases, and undertakers' goods	2	80	3	2	80
30	Confectionery	9	74	5	5	65
31	Cooperage	16	353	17	16	350
32	Cordage and twine	3	110	3	3	110
33	Cotton goods	1	125	3	1	125
34	Cutlery and edge tools	4	83	4	4	83
35	Dentistry, mechanical	2	2			
36	Druggists' preparations, not including prescriptions	1	4	1	1	4
37	Dyeing and cleaning	4	34	4	4	34
38	Dyeing and finishing textiles	1	65	2	1	20
39	Electroplating	1	1			
40	Fertilizers	1	30	2	1	30
41	Flax, dressed	1	20	1	1	20
42	Flouring and grist mill products	440	22,050	294	264	11,215
43	Food preparations	7	417	7	6	302
44	Foundry and machine shop products	104	2,418	109	105	2,326
45	Fruits and vegetables, canning and preserving	15	623	29	17	623
46	Furniture, cabinetmaking, repairing and upholstering	9	67	8	8	63
47	Furniture, chairs	2	41	1	1	40
48	Furniture, factory product	14	633	16	14	633
49	Gas, illuminating and heating	12	761	19	21	761
50	Gloves and mittens	5	59	2	2	14
51	Glucose	1	3,000	20	6	3,000
52	Grease and tallow	4	71	6	4	71
53	Hardware	1	7			
54	Hats and caps, not including wool hats	3	14	1	1	2
55	Hay and straw, baling	2	22	2	2	22
56	House furnishing goods, not elsewhere specified	1	150	2	1	150
57	Iron and steel	1	450	3	2	450
58	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	200	4	2	200
59	Iron work, architectural and ornamental	5	92	5	5	92
60	Leather, tanned and curried	1	8	1	1	8
61	Lime and cement	3	70	3	3	70
62	Liquors, malt	15	309	17	16	309
63	Lithographing and engraving	1	5			
64	Lock and gun smithing	3	7	1	1	3
65	Lumber and other mill products from logs or bolts	127	16,664	330	189	16,426
66	Lumber, planing mill products, including sash, doors, and blinds	46	3,391	69	50	3,256

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.						Not specified. (Horse power.)	
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											132
											133
1	120	1	120								134
											135
								37			136
								60			137
1	60	1	60			20		10			138
											139
1	1	1	1						20		140
1	60	1	60			125		72			141
18	410	11	268	7	142						142
											143
											144

IOWA.

622	12,618	471	10,287	151	2,331	194	70	163	27	40	1
2	129			2	129						2
						1					3
						5					4
1	4	1	4					3			5
								1			6
											7
											8
											9
							4				10
							4				11
								1			12
								40			13
											14
						11					15
1	10			1	10			4	2		16
											17
											18
1	10			1	10				2		19
											20
											21
7	63	5	46	2	17						22
											23
						4					24
											25
						3	11				26
						20		10			27
											28
											29
3	8			3	8	1					30
								2	1		31
											32
											33
											34
1	1			1	1				1		35
											36
											37
1	45	1	45								38
						1					39
											40
											41
519	10,820	419	9,006	100	1,814					21	42
4	115	4	115								43
4	49	2	35	2	14	12	5	26			44
											45
1	4			1	4						46
								1			47
											48
											49
2	10			2	10	1		25			50
											51
											52
								7			53
						5		7			54
											55
											56
											57
											58
											59
											60
											61
											62
						5					63
1	3			1	3		1				64
13	218	8	148	5	70				20		65
4	135	2	75	2	60						66

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

IOWA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
67	Malt	5	127	6	6	127
68	Marble and stone work	3	48	1	1	25
69	Masonry, brick and stone	4	40	6	6	32
70	Mattresses and spring beds	4	122	4	3	120
71	Mineral and soda waters	13	93	13	13	93
72	Models and patterns	2	10	1	1	8
73	Monuments and tombstones	2	44	2	2	44
74	Oil, linseed	7	700	12	8	600
75	Paints	3	86	4	3	80
76	Paper	7	1,425	22	15	1,005
77	Patent medicines and compounds	3	16	1	1	1
78	Paving and paving materials	1	50	1	1	50
79	Pickles, preserves, and sauces	7	123	10	8	123
80	Plumbers' supplies	1	40	1	2	40
81	Plumbing and gas fitting	6	36	5	5	29
82	Printing and publishing, book and job	38	238	19	19	152
83	Printing and publishing, music	1	2			
84	Printing and publishing, newspapers and periodicals	83	350	64	64	251
85	Pumps, not including steam pumps	3	107	2	2	47
86	Saddlery and harness	6	25	1	1	3
87	Scales and balances	2	21	2	2	21
88	Shipbuilding	3	43	3	3	43
89	Shirts	1	1			
90	Slaughtering and meat packing, wholesale	20	3,945	57	42	3,915
91	Smelting and refining	2	44	2	2	30
92	Soap and candles	6	140	7	6	140
93	Starch	1	150	3	1	100
94	Stationery goods, not elsewhere specified	1	2	1	1	2
95	Steam fittings and heating apparatus	3	93	3	4	93
96	Stencils and brands	1	2	1	1	2
97	Sugar and molasses, refining	4	653	17	8	613
98	Surgical appliances	2	4			
99	Tinsmithing, coppersmithing, and sheet-iron working	2	20	2	2	20
100	Tobacco, chewing, smoking, and snuff	1	25	1	1	25
101	Tobacco, cigars and cigarettes	1	2			
102	Trunks and valises	1	5	1	1	5
103	Vinegar and cider	6	124	6	6	124
104	Washing machines and clothes wringers	5	92	5	4	89
105	Windmills	6	87	6	6	77
106	Wirework, including wire rope and cable	3	66	2	2	41
107	Wood, turned and carved	4	60	2	2	58
108	Woodenware, not elsewhere specified	1	35	1	1	35
109	Woolen goods	14	719	13	8	350

KANSAS.

1	All industries	898	43,053	968	847	34,806
2	Agricultural implements	3	60	3	3	60
3	Bags, other than paper	1	8	1	1	8
4	Baking and yeast powders	1	45	1	1	45
5	Blacksmithing and wheelwrighting	31	224	27	27	164
6	Boots and shoes, factory product	1	15	1	1	15
7	Boxes, cigar	1	40	1	1	40
8	Boxes, wooden packing	1	6	1	1	6
9	Brass castings and brass finishing	1	8	1	1	8
10	Bread and other bakery products	5	62	5	5	62
11	Brick and tile	27	1,688	31	28	1,645
12	Bridges	2	34	2	3	34
13	Carpentering	8	104	8	8	104
14	Carriages and wagons, including custom work and repairing	6	336	13	6	324
15	Cars and general shop construction and repairs by steam railroad companies	15	1,370	31	19	1,370
16	Cars, steam railroad, not including operations of railroad companies	1	250	3	1	250
17	Cheese, butter, and condensed milk, factory product	87	854	88	87	854
18	Clay and pottery products	1	20	1	1	20
19	Clothing, men's, factory product	3	20	1	1	8
20	Coffee and spice, roasting and grinding	1	15			
21	Coke	1	22	1	1	22
22	Confectionery	8	134	7	7	129
23	Cooperage	2	65	2	2	65
24	Cordage and twine	2	90	2	2	90
25	Electroplating	1	4	1	1	4
26	Flavoring extracts	1	20			
27	Flouring and grist mill products	348	19,382	288	243	12,059
28	Foundry and machine-shop products	58	1,635	63	65	1,508
29	Fruits and vegetables, canning and preserving	9	263	11	9	263
30	Furniture, cabinetmaking, repairing and upholstering	2	55	2	2	65
31	Furniture, factory product	4	233	5	4	225
32	Gas, illuminating and heating	9	430	12	13	430
33	Glucose	1	2,500	10	3	2,500
34	Gold and silver, reducing and refining, not from the ore	1	800	8	7	800

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

IOWA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	13	1	13			10					67
								8			68
						2					69
											70
											71
						2					72
											73
1	10	1	10								74
											75
11	330	9	280	2	50						76
1	10			1	10	5					77
											78
											79
											80
2	7			2	7						81
4	13			4	13	77	4	11	1		82
1	2			1	2						83
13	38	1	2	12	36	14	27	1		19	84
1	60	1	60								85
1	1	1	1			7	14				86
											87
											88
						1					89
											90
2	14			2	14						91
											92
1	50	1	50								93
											94
											95
											96
1	40	1	40								97
1	2			1	2	2					98
											99
											100
						2					101
											102
											103
						3					104
1	10			1	10						105
1	25			1	25						106
								11			107
											108
14	369	13	357	1	12						109

KANSAS.

216	7,617	177	6,750	39	867	110	77	76	147	220	1
											2
											3
											4
1	50			1	50					10	5
											6
											7
											8
											9
											10
1	40	1	40							3	11
											12
											13
								12			14
											15
											16
											17
											18
							7	5			19
							15				20
											21
						5					22
											23
											24
											25
									20		26
189	7,132	166	6,425	23	707					191	27
4	92	2	71	2	21		15		20		28
											29
											30
						8					31
											32
											33
											34

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

KANSAS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
35	Grease and tallow	3	168	5	3	168
36	Hand stamps	2	3			
37	Hay and straw, baling	2	15	2	2	15
38	Hosiery and knit goods	1	6			
39	Ice, artificial	4	167	8	4	167
40	Iron work, architectural and ornamental	4	49	4	4	49
41	Kaolin and other earth grinding	1	30	1	1	30
42	Leather, tanned and curried	1	4	1	1	4
43	Lime and cement	2	165	2	3	165
44	Lithographing and engraving	1	17			
45	Lock and gun smithing	2	6	1	1	4
46	Lumber and other mill products from logs or bolts	25	513	24	24	408
47	Lumber, planing mill products, including sash, doors, and blinds	34	1,088	35	34	1,088
48	Marble and stone work	6	193	8	8	193
49	Mattresses and spring beds	4	71	2	2	45
50	Mineral and soda waters	5	23	5	5	23
51	Oil, linseed	2	175	3	2	175
52	Optical goods	1	1	1	1	1
53	Paints	1	30	1	2	30
54	Paper	1	210	5	2	180
55	Patent medicines and compounds	1	2	1	1	2
56	Paving and paving materials	4	420	10	13	420
57	Pickles, preserves, and sauces	1	10	1	1	10
58	Pipes, tobacco	2	83	1	1	8
59	Plastering and stuccowork	1	70	1	1	70
60	Printing and publishing, book and job	16	149	6	6	72
61	Printing and publishing, newspapers and periodicals	53	359	35	34	216
62	Pumps, not including steam pumps	1	20	1	1	20
63	Saddlery and harness	1	10			
64	Salt	13	641	16	16	581
65	Scales and balances	1	12	1	1	12
66	Shirts	1	6			
67	Slaughtering and meat packing, wholesale	15	5,316	92	61	5,316
68	Smelting and refining	1	500	3	2	500
69	Soap and candles	6	81	6	6	81
70	Starch	1	90	3	1	90
71	Sugar and molasses, refining	8	1,022	27	27	1,016
72	Tobacco, cigars and cigarettes	1	4	1	1	4
73	Tools, not elsewhere specified	1	12	1	1	12
74	Upholstery materials	1	30	1	1	30
75	Vinegar and cider	11	139	8	8	119
76	Washing machines and clothes wringers	1	6	1	1	6
77	Watch, clock, and jewelry repairing	1	1			
78	Windmills	4	72	3	3	47
79	Wirework, including wire rope and cable	1	70	1	1	35
80	Wood, turned and carved	2	20	2	2	20
81	Woolen goods	1	12	1	1	12
82	Zinc	3	135	6	3	135

KENTUCKY.

1	All industries	1,783	82,508	2,126	1,896	75,513
2	Agricultural implements	4	870	11	7	870
3	Bagging, flax, hemp, and jute	1	75	2	1	75
4	Bells	1	7	1	1	7
5	Blacksmithing and wheelwrighting	2	43	2	2	43
6	Bookbinding and blank-book making	3	31	2	1	15
7	Boot and shoe cut stock	1	7			
8	Boots and shoes, factory product	9	187	8	7	152
9	Bottling	1	8	1	1	8
10	Boxes, cigar	3	17	3	3	17
11	Boxes, fancy and paper	1	4			
12	Boxes, wooden packing	4	435	6	5	435
13	Brass castings and brass finishing	3	36	3	3	36
14	Bread and other bakery products	6	208	7	6	208
15	Brick and tile	25	937	29	26	937
16	Brooms and brushes	2	6			
17	Carpentering	4	67	4	4	67
18	Carriage and wagon materials	6	480	11	10	480
19	Carriages and wagons, including custom work and repairing	7	572	10	7	562
20	Cars and general shop construction and repairs by steam railroad companies	8	279	9	8	279
21	Cars, steam railroad, not including operations of railroad companies	1	60	1	1	60
22	Chemicals	2	38	2	2	38
23	Clay and pottery products	6	209	8	6	209
24	Clothing, men's, factory product	7	71	4	4	52
25	Coffee and spice, roasting and grinding	6	161	6	7	161
26	Coffins, burial cases, and undertakers' goods	2	165	3	2	165
27	Coke	1	20	2	1	20
28	Confectionery	4	26	4	4	26
29	Cooperage	16	879	23	23	879
30	Cordage and twine	3	820	5	3	345
31	Cotton goods	5	1,400	17	9	1,334

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

KENTUCKY—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
32	Cutlery and edge tools	2	207	5	7	200
33	Dentistry, mechanical	2	2	1	1	1
34	Dyeing and cleaning	1	8	1	1	8
35	Fertilizers	4	330	7	4	330
36	Flouring and grist mill products	505	17,620	377	362	12,973
37	Foundry and machine shop products	56	2,720	71	99	2,724
38	Foundry supplies	1	25	1	1	25
39	Fruits and vegetables, canning and preserving	2	62	2	2	62
40	Furniture, cabinetmaking, repairing and upholstering	5	54	4	4	50
41	Furniture, chairs	3	260	4	3	260
42	Furniture, factory product	17	822	21	18	822
43	Gas, illuminating and heating	8	268	11	11	268
44	Gas, machines and meters	1	20			
45	Glass	1	40	1	1	40
46	Glue	1	16	4	2	16
47	Hosiery and knit goods	1	50	1	1	25
48	Ice, artificial	12	1,248	27	20	1,248
49	Instruments, professional and scientific	2	13	2	2	13
50	Iron and steel	8	5,480	57	40	5,480
51	Iron and steel, bolts, nuts, washers, and rivets	1	400	6	3	400
52	Iron and steel, forgings	1	25	5	1	25
53	Iron and steel, nails and spikes, cut and wrought, including wire nails	2	1,075	8	6	1,075
54	Ironwork, architectural and ornamental	5	325	6	4	323
55	Lamps and reflectors	1	20			
56	Leather, morocco	1	50	1	1	50
57	Leather, tanned and curried	21	951	37	20	951
58	Lime and cement	2	575	3	3	325
59	Liquors, distilled	92	6,702	236	159	6,575
60	Liquors, malt	27	1,723	50	46	1,723
61	Lithographing and engraving	3	29	1	1	12
62	Lumber and other mill products from logs or bolts	533	21,114	644	569	20,478
63	Lumber, planing mill products, including sash, doors, and blinds	60	3,232	73	65	3,232
64	Malt	5	130	6	6	130
65	Marble and stonework	7	295	7	7	295
66	Masonry, brick and stone	1	6	1	1	6
67	Mineral and soda waters	4	27	3	3	22
68	Mirrors	1	40	2	1	40
69	Models and patterns	1	12	1	1	12
70	Monuments and tombstones	1	6	1	1	6
71	Musical instruments, organs and materials	1	15	1	1	15
72	Oil, cottonseed and cake	2	135	4	2	135
73	Optical goods	1	1			
74	Painting and paper hanging	1	12			
75	Paints	3	232	4	4	232
76	Paper	1	1,000	8	7	1,000
77	Patent medicines and compounds	2	16	1	1	6
78	Paving and paving materials	2	139	4	5	139
79	Pickles, preserves, and sauces	3	30	2	2	26
80	Pipes, tobacco	1	15	1	1	15
81	Plastering and stuccowork	1	25	1	1	25
82	Plumbers' supplies	1	65	1	1	65
83	Plumbing and gas fitting	1	8	1	1	8
84	Printing and publishing, book and job	22	115	13	12	50
85	Printing and publishing, newspapers and periodicals	59	602	42	44	515
86	Pumps, not including steam pumps	1	70	1	1	70
87	Roofing and roofing materials	1	5	1	1	5
88	Saddlery and harness	6	153	5	6	121
89	Salt	1	10	1	1	10
90	Scales and balances	1	12	1	1	12
91	Shirts	1	2			
92	Slaughtering and meat packing, wholesale	12	324	18	16	324
93	Smelting and refining	1	15	1	1	15
94	Soap and candles	3	169	12	6	169
95	Sporting goods	1	2			
96	Steam fittings and heating apparatus	3	105	2	2	65
97	Tinsmithing, coppersmithing, and sheet-iron working	7	105	5	5	94
98	Tobacco, chewing, smoking, and snuff	24	1,382	38	34	1,382
99	Tobacco, cigars and cigarettes	1	2			
100	Tobacco, stemming and redrying	8	208	11	9	208
101	Tools, not elsewhere specified	1	12	1	1	12
102	Trunks and valises	6	124	6	7	124
103	Upholstery materials	1	35	1	1	35
104	Varnish	1	50	1	2	50
105	Vinegar and cider	7	268	8	9	268
106	Watch cases	1	30	1	1	30
107	Windmills	1	50	1	1	50
108	Wirework, including wire rope and cable	3	82	3	3	82
109	Wood, turned and carved	10	440	10	9	430
110	Woolen goods	39	1,964	40	28	1,721
111	Worsted goods	2	310	3	2	300

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

KENTUCKY—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
							7				32
									1		33
											34
											35
287	4,647	105	2,388	182	2,259						36
								2		3	37
											38
											39
								4			40
											41
											42
											43
								20			44
											45
											46
1	25			1	25						47
											48
											49
											50
											51
											52
											53
						2					54
								20			55
											56
											57
1	250	1	250								58
7	146	1	26	6	120			16		25	59
											60
							17				61
17	433	7	164	10	269	40		163			62
											63
											64
											65
											66
							5				67
											68
											69
											70
											71
											72
								1			73
							12				74
											75
											76
								10			77
											78
						4					79
											80
											81
											82
											83
						36	29				84
4	20	2	15	2	5	1	57	6		3	85
											86
											87
							32				88
											89
											90
							2				91
											92
											93
											94
1	2			1	2						95
								40			96
							5	6			97
											98
						2					99
											100
											101
											102
											103
											104
											105
											106
											107
											108
								10			109
15	207	5	120	10	87					36	110
										10	111

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND LOUISIANA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	554	30,184	700	684	29,439
2	Ammunition	1	40	1	1	40
3	Artificial limbs	1	7			
4	Bagging, flax, hemp, and jute	1	150	2	1	150
5	Bags, other than paper	2	12			
6	Baking and yeast powders	1	10			
7	Blacksmithing and wheelwrighting	2	21	2	3	21
8	Boots and shoes, factory product	6	66	2	1	15
9	Boxes, cigar	1	60	1	1	60
10	Boxes, fancy and paper	2	35	2	2	35
11	Boxes, wooden packing	5	322	6	6	322
12	Brass castings and brass finishing	2	8	2	2	8
13	Bread and other bakery products	5	171	5	5	166
14	Brick and tile	8	302	9	9	302
15	Brooms and brushes	2	20	1	1	10
16	Carpentering	1	15	2	1	15
17	Carriage and wagon materials	2	50	2	2	50
18	Carriages and wagons, including custom work and repairing	4	169	4	3	159
19	Cars and general shop construction and repairs by steam railroad companies	3	100	2	2	95
20	Chemicals	1	30	1	1	30
21	Clay and pottery products	4	104	4	5	104
22	Clothing, men's, factory product	10	90			
23	Coffee and spice, roasting and grinding	5	79	2	2	7
24	Coffins, burial cases, and undertakers' goods	1	35	1	1	25
25	Confectionery	3	15	2	2	14
26	Cooperage	5	170	6	5	170
27	Cork, cutting	2	10	1	1	8
28	Cotton, ginning	58	1,459	57	57	1,429
29	Cotton goods	2	1,600	14	3	1,600
30	Cutlery and edge tools	6	11	1	1	2
31	Drug grinding	1	35	1	1	35
32	Dyeing and cleaning	2	11	2	2	9
33	Electrical apparatus and supplies	1	10			
34	Electroplating	2	21	2	2	20
35	Fertilizers	3	255	7	4	255
36	Flouring and grist mill products	19	328	19	19	328
37	Food preparations	1	10	1	1	10
38	Foundry and machine shop products	40	916	37	41	893
39	Fruits and vegetables, canning and preserving	1	100	3	2	100
40	Furnishing goods, men's	3	17			
41	Furniture, cabinetmaking, repairing and upholstering	3	32	3	3	22
42	Furniture, factory product	3	145	3	3	145
43	Gas, illuminating and heating	3	207	10	6	207
44	Hay and straw, baling	1	20	1	1	20
45	Hosiery and knit goods	2	107	2	1	100
46	Ice, artificial	10	1,398	33	24	1,398
47	Ironwork, architectural and ornamental	2	21	2	2	21
48	Jewelry	1	4			
49	Leather, tanned and curried	1	4	1	1	4
50	Liquors, malt	8	953	30	34	953
51	Lithographing and engraving	2	11			
52	Lumber and other mill products from logs or bolts	116	10,450	224	169	10,412
53	Lumber, planing mill products, including sash, doors, and blinds	27	1,466	35	27	1,466
54	Mattresses and spring beds	2	10			
55	Mineral and soda waters	6	29	6	5	26
56	Models and patterns	1	4	1	1	4
57	Oil, cottonseed and cake	7	1,427	20	19	1,392
58	Paints	1	40	1	1	40
59	Patent medicines and compounds	1	10			
60	Paving and paving materials	1	135	3	4	135
61	Perfumery and cosmetics	1	10	1	1	10
62	Photography	1	5			
63	Pickles, preserves, and sauces	2	81	3	2	81
64	Plumbing and gas fitting	1	6	1	1	6
65	Printing and publishing, book and job	17	48	1	1	2
66	Printing and publishing, newspapers and periodicals	27	270	17	17	172
67	Rice, cleaning and polishing	16	1,845	29	23	1,845
68	Saddlery and harness	2	7			
69	Sausage	5	42	5	5	42
70	Sewing machine repairing	1	2			
71	Shipbuilding	3	384	10	10	384
72	Shirts	3	7			
73	Silverware	1	4			
74	Soap and candles	4	35	5	4	35
75	Steam fittings and heating apparatus	1	35	2	2	35
76	Stencils and brands	1	2			
77	Stereotyping and electrotyping	1	8	1	1	8
78	Sugar and molasses, refining	29	3,578	115	107	3,578
79	Tinsmithing, coppersmithing, and sheet-iron working	4	51	3	3	28
80	Tobacco, chewing, smoking, and snuff	5	71	5	5	71
81	Tobacco, cigars and cigarettes	2	200	4	2	125

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

LOUISIANA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
6	66	1	20	5	46	454	213	7	.....	5	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	33	18	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	75	15	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	40	32	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	27
2	20	.....	.....	2	20	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	1	8	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	13	3	7	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	51
2	38	1	20	1	18	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	15	20	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	19	27	.....	.....	.....	65
2	8	.....	.....	2	8	63	27	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	5	18	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....	80

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

LOUISIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Trunks and valises	1	8	1	1	8
83	Upholstery materials	4	99	4	4	99
84	Vinegar and cider	1	20	1	1	20
85	Watch, clock, and jewelry repairing	1	1			
86	Wood, turned and carved	2	18	2	2	18
87	Woolen goods	1	10	1	1	10

MAINE.

1	All industries	2,022	150,503	1,281	965	42,796
2	Agricultural implements	14	1,123	6	6	141
3	Awnings, tents, and sails	1	1	1	1	1
4	Babbitt metal and solder	1	6	1	1	6
5	Baskets and rattan and willow ware	1	5			
6	Belting and hose, leather	1	6			
7	Blacking	1	75	1	1	75
8	Blacksmithing and wheelwrighting	30	297	11	11	74
9	Bookbinding and blank-book making	1	4			
10	Boot and shoe cut stock	3	38	2	2	37
11	Boot and shoe findings	3	347	3	2	85
12	Boots and shoes, custom work and repairing	2	2			
13	Boots and shoes, factory product	45	1,382	32	27	889
14	Boxes, fancy and paper	7	83	2	1	12
15	Boxes, wooden packing	11	725	9	6	370
16	Brass castings and brass finishing	3	11	2	2	9
17	Bread and other bakery products	8	169	8	7	168
18	Brick and tile	10	309	9	8	303
19	Bronze castings	1	1			
20	Brooms and brushes	2	16			
21	Carpentering	12	240	7	5	95
22	Carriage and wagon materials	2	55	1	1	25
23	Carriages and sleds, children's	1	100	3	2	100
24	Carriages and wagons, including custom work and repairing	30	435	16	16	177
25	Cars and general shop construction and repairs by steam railroad companies	5	179	6	5	149
26	Cheese and butter, urban dairy product	2	21	2	2	21
27	Cheese, butter, and condensed milk, factory product	27	281	28	28	281
28	Chemicals	2	11	2	2	11
29	Clay and pottery products	5	210	6	5	208
30	Clothing, men's, factory product	30	176	19	19	125
31	Clothing, women's, factory product	2	13	1	1	9
32	Coffee and spice, roasting and grinding	2	22	1	1	16
33	Coffins and burial cases, trimming and finishing	7	161	1	1	20
34	Confectionery	4	11	2	2	6
35	Cooperage	8	286	5	3	135
36	Cotton goods	23	26,858	71	18	5,665
37	Cutlery and edge tools	14	593	3	3	13
38	Dentistry, mechanical	2	2			
39	Druggists' preparations, not including prescriptions	1	2	1	1	2
40	Dyeing and cleaning	5	39	4	5	31
41	Dyeing and finishing textiles	1	500	10	9	50
42	Dye stuffs and extracts	1	80	6	1	80
43	Fancy articles, not elsewhere specified	2	4	1	1	2
44	Felt goods	1	80			
45	Fertilizers	6	338	1	1	40
46	Files	1	5			
47	Fish, canning and preserving	14	393	17	16	393
48	Flavoring extracts	1	10			
49	Flouring and grist mill products	210	9,163	56	53	2,102
50	Food preparations	1	100	1	1	100
51	Foundry and machine shop products	76	1,875	46	49	986
52	Fruits and vegetables, canning and preserving	37	1,285	55	39	1,279
53	Furnishing goods, men's	2	4			
54	Furniture, cabinetmaking, repairing and upholstering	8	111	1	1	8
55	Furniture, chairs	4	191	3	3	165
56	Furniture, factory product	13	872	8	6	195
57	Gas, illuminating and heating	8	181	13	11	181
58	Glass, cutting, staining, and ornamenting	2	5	1	1	4
59	Glue	1	30	1	1	30
60	Grease and tallow	1	40	1	1	40
61	Gunpowder	2	835	4	4	55
62	Hardware	6	80	1	1	10
63	Hones and whetstones	1	6	1	1	6
64	House furnishing goods, not elsewhere specified	2	65			
65	Iron and steel	2	538	12	10	530
66	Iron and steel, forgings	1	400	4	3	400
67	Ivory and bone work	1	1	1	1	1
68	Jewelry and instrument cases	2	16	1	1	15
69	Kaolin and other earth grinding	5	410	1	1	15
70	Kindling wood	4	199	8	5	199
71	Lasts	3	18			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

LOUISIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											82
											83
											84
						1					85
											86
											87

MAINE.

2,396	104,602	1,084	63,782	1,312	40,820	191	10	952	1,918	39	1
26	982	11	747	15	235						2
											3
											4
									5		5
1	6			1	6						6
											7
17	213	6	43	11	170			5		5	8
1	4			1	4						9
								1			10
3	200	3	200						2		11
1	1			1	1			1			12
6	202	4	232	2	60	70		131			13
3	61	2	60	1	1	3		7			14
6	290	4	170	2	120			40	25		15
1	2			1	2						16
								1			17
										6	18
								1			19
1	15	1	15			1					20
2	65			2	65			11	69		21
2	30	2	30								22
											23
14	254	4	72	10	182	4					24
								30			25
											26
											27
											28
						2					29
4	38	1	20	3	18	5		3	5		30
						4					31
								6			32
5	135			5	135				6		33
1	4			1	4	1					34
7	150	2	30	5	120					1	35
120	21,193	109	19,518	11	1,675						36
12	576	5	475	7	101				4		37
						1			1		38
											39
								8			40
3	450	3	450								41
											42
						2					43
1	80	1	80								44
4	258	2	88	2	170			40			45
								5			46
											47
								10			48
349	7,058	186	3,566	163	3,492					3	49
											50
21	621	12	522	9	99	12		155	101		51
1	6			1	6						52
1	2			1	2	2					53
3	78			3	78			25			54
2	26	1	6	1	20						55
9	590	4	355	5	235			12	75		56
											57
								1			58
											59
											60
43	780	17	340	26	440						61
3	65	2	50	1	15	1		4			62
											63
2	65			2	65						64
2	8			2	8						65
											66
											67
								1			68
4	305	4	305						90		69
											70
								18			71

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MAINE—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
72	Leather board	3	695			
73	Leather, tanned and curried	46	2,514	70	42	1,841
74	Lime and cement	5	99	4	4	95
75	Lock and gun smithing	5	16	3	3	10
76	Looking-glass and picture frames	1	1			
77	Lumber and other mill products from logs or bolts	787	52,729	311	220	14,284
78	Lumber, planing mill products, including sash, doors, and blinds	65	2,912	42	34	1,023
79	Marble and stone work	8	350	12	12	331
80	Masonry, brick and stone	2	31	3	4	31
81	Matches	3	172	3	3	132
82	Mattresses and spring beds	1	15			
83	Mineral and soda waters	2	18	2	2	18
84	Models and patterns	5	20			
85	Monuments and tombstones	13	174	9	8	123
86	Musical instruments, organs and materials	1	40	2	1	40
87	Nets and seines	2	10	2	2	10
88	Oakum	1	25			
89	Oil, lubricating	3	80	3	3	80
90	Oilcloth, floor	2	120	4	5	120
91	Paints	2	65	2	2	65
92	Paper	6	7,382	30	17	812
93	Paper goods, not elsewhere specified	1	46	1	2	16
94	Photographic materials	2	16	1	1	15
95	Photolithographing and engraving	1	5			
96	Plated and britannia ware	1	10			
97	Plumbing and gas fitting	2	11	1	1	6
98	Printing and publishing, book and job	25	126	11	11	63
99	Printing and publishing, newspapers and periodicals	74	525	54	53	378
100	Pulp, wood	11	14,210	19	6	400
101	Pumps, not including steam pumps	3	30	1	1	10
102	Refrigerators	1	10			
103	Roofing and roofing materials	1	65	1	1	65
104	Rubber and elastic goods	1	20			
105	Rules, ivory and wood	1	25			
106	Saddlery and harness	6	20	2	2	10
107	Sand and emery paper and cloth	1	80	1	1	40
108	Sausage	1	15	1	1	15
109	Saws	1	35	1	1	35
110	Shipbuilding	16	583	15	15	475
111	Shirts	2	33	1	1	25
112	Shoddy	2	80			
113	Silk and silk goods	1	50			
114	Slaughtering and meat packing, wholesale	2	90	3	2	90
115	Soap and candles	2	20	2	2	20
116	Sporting goods	2	16	2	2	16
117	Springs, steel, car and carriage	1	100			
118	Starch	18	787	30	28	670
119	Stationery goods, not elsewhere specified	2	2			
120	Stencils and brands	1	2	1	1	2
121	Sugar and molasses, refining	2	220	6	3	220
122	Tinsmithing, coppersmithing, and sheet-iron working	4	16	2	2	14
123	Tools, not elsewhere specified	5	185	3	4	107
124	Trunks and valises	3	8	1	1	2
125	Vinegar and cider	5	41	5	5	41
126	Washing machines and clothes wringers	1	20			
127	Watch, clock, and jewelry repairing	3	5	2	2	3
128	Wheelbarrows	1	40	1	1	10
129	Wood, turned and carved	27	1,178	22	18	830
130	Woodenware, not elsewhere specified	2	1,260	1	1	60
131	Woolen goods	74	9,105	54	12	2,368
132	Wool hats	1	150	2	1	150
133	Worsted goods	1	1,670	12	5	820

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MAINE—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
11	695	7	395	4	300						72
33	558	11	180	22	378	10		105			73
1	4			1	4						74
2	6			2	6						75
						1					76
1,263	37,045	444	14,367	819	22,678			115	1,285		77
33	1,133	12	382	21	751			45	111		78
								6	8	10	79
											80
2	40			2	40						81
2	15			2	15						82
											83
								20			84
2	25	1	15	1	10			16	10		85
											86
											87
1	25	1	25								88
											89
											90
											91
86	6,570	54	4,670	32	1,900						92
1	30	1	30								93
1	1			1	1						94
						5					95
								10			96
								5			97
2	5			2	5	6		44		8	98
12	50	2	12	10	38	45	8	34	4	6	99
194	13,750	78	9,800	26	3,950						100
1	10	1	10					10			101
									10		102
											103
1	20	1	20								104
1	25			1	25						105
3	8			3	8		2				106
1	40			1	40						107
											108
											109
3	108			3	108						110
						8					111
3	80			3	80						112
2	50	2	50								113
											114
											115
											116
1	100	1	100								117
6	117	1	20	5	97						118
								2			119
											120
											121
1	1			1	1	1					125
1	75	1	75					3			123
1	3			1	3			3			124
											125
1	20			1	20						126
								2			127
2	30	2	30								128
7	213	6	187	1	26	7		16	112		129
13	1,200	5	500	8	700						130
102	6,737	58	4,630	44	2,107						131
											132
9	850	9	850								133

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MARYLAND.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,518	73,547	1,510	1,287	56,545
2	Agricultural implements	8	186	8	8	180
3	Ammunition	1	24	1	1	24
4	Babbitt metal and solder	1	15	1	1	15
5	Bags, other than paper	2	62	2	2	62
6	Bags, paper	2	44	1	1	40
7	Baking and yeast powders	1	50	2	1	50
8	Baskets and rattan and willow ware	2	65	2	2	65
9	Belting and hose, linen	2	60	1	1	35
10	Blacksmithing and wheelwrighting	3	37	3	3	37
11	Bookbinding and blank-book making	4	10			
12	Boot and shoe findings	1	1			
13	Boots and shoes, factory product	15	215	5	5	140
14	Bottling	2	13			
15	Boxes, cigar	9	97	5	6	85
16	Boxes, fancy and paper	5	29	3	3	18
17	Boxes, wooden packing	15	1,100	23	17	1,050
18	Brass castings and brass finishing	4	369	7	6	307
19	Bread and other bakery products	16	265	15	13	260
20	Brick and tile	24	1,277	40	35	1,277
21	Bridges	1	120	3	3	120
22	Brooms and brushes	4	44	3	3	42
23	Buttons	1	8			
24	Carpentering	4	100	3	3	55
25	Carpets, rag	1	1			
26	Carriage and wagon materials	7	181	4	4	108
27	Carriages and wagons, including custom work and repairing	4	55	3	3	40
28	Cars and general shop construction and repairs by steam railroad companies	8	1,054	27	18	1,054
29	Cheese, butter, and condensed milk, factory product	23	233	22	23	227
30	Chemicals	12	1,049	22	18	1,043
31	Clay and pottery products	7	248	8	7	248
32	Cleansing and polishing preparations	1	12	1	1	12
33	Cloth, sponging and refinishing	1	6	1	1	6
34	Clothing, horse	1	7			
35	Clothing, men's, factory product	10	281	5	5	235
36	Clothing, women's, factory product	3	26	1	1	20
37	Coffee and spice, roasting and grinding	13	248	13	13	242
38	Coffins and burial cases, trimming and finishing	1	2	1	1	2
39	Coffins, burial cases, and undertakers' goods	3	111	3	2	110
40	Confectionery	15	246	12	11	227
41	Cooperage	4	122	3	3	104
42	Corsets	2	3	1	1	2
43	Cotton goods	15	8,855	52	20	5,405
44	Cutlery and edge tools	5	41	4	4	30
45	Drug grinding	1	35	1	1	35
46	Dyeing and cleaning	6	31	6	6	31
47	Dyeing and finishing textiles	2	95	4	4	75
48	Dye stuffs and extracts	1	25	1	1	25
49	Electrical apparatus and supplies	1	4			
50	Electroplating	3	19	2	2	10
51	Engraving and diesinking	1	1			
52	Fancy articles, not elsewhere specified	1	3			
53	Fertilizers	43	3,806	74	53	3,051
54	Files	1	12	1	1	12
55	Fire extinguishers, chemical	1	20	1	1	20
56	Flouring and grist mill products	335	10,572	96	77	3,972
57	Food preparations	1	125	3	1	125
58	Foundry and machine shop products	70	2,281	71	73	2,117
59	Fruits and vegetables, canning and preserving	89	2,788	122	114	2,788
60	Furnishing goods, men's	10	63	3	3	44
61	Furniture, cabinetmaking, repairing and upholstering	3	52			
62	Furniture, chairs	2	140	3	2	143
63	Furniture, factory product	18	936	17	15	782
64	Gas and lamp fixtures	2	66	2	2	60
65	Gas, illuminating and heating	5	128	18	12	128
66	Gas machines and meters	1	10			
67	Glass	10	378	13	12	360
68	Glass, cutting, staining, and ornamenting	1	1			
69	Gloves and mittens	1	8	1	1	8
70	Glue	1	40	1	1	40
71	Grease and tallow	3	125	3	3	125
72	Hand stamps	3	5	1	1	3
73	Hats and caps, not including wool hats	6	168	8	6	168
74	Hay and straw, baling	3	42	2	2	42
75	Hosiery and knit goods	3	68	4	4	68
76	House furnishing goods, not elsewhere specified	1	50	1	1	50
77	Ice, artificial	5	1,150	10	10	1,150
78	Instruments, professional and scientific	2	9	1	1	6
79	Iron and steel	10	6,660	76	49	6,110
80	Iron and steel, bolts, nuts, washers, and rivets	1	28	1	1	28
81	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	6			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MARYLAND.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.						Not specified. (Horse power.)	
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
583	15,633	278	8,246	305	7,387	212	175	979	.....	3	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	5	5	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	46	7	10	.....	.....	13
1	3	.....	.....	1	3	.....	.....	10	.....	.....	14
.....	.....	.....	.....	.....	.....	2	7	.....	.....	3	15
.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	18
2	2	.....	.....	2	2	1	2	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	2	.....	5	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
1	45	1	45	.....	.....	1	.....	.....	.....	.....	24
5	65	5	65	.....	.....	.....	.....	8	.....	.....	25
1	9	1	9	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	27
.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	27	9	15	.....	.....	35
1	5	.....	.....	1	5	1	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	4	2	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
2	14	.....	.....	2	14	.....	5	18	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
23	3,450	22	3,350	1	100	.....	.....	5	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
1	20	1	20	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	4	3	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	53
4	140	2	40	2	100	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
428	6,980	204	3,768	224	3,212	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	102	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	8	5	6	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....	61
1	4	.....	.....	1	4	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	121	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
.....	.....	.....	.....	5	550	.....	.....	6	.....	.....	81
5	550	.....	.....	.....	.....	.....	.....	.....	.....	.....	

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MARYLAND—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Ironwork, architectural and ornamental	2	24	2	2	24
83	Jewelry	1	7			
84	Kaolin and other earth grinding	4	83	1	1	8
85	Labels and tags	2	15	1	1	5
86	Lasts	1	4			
87	Lead, bar, pipe, and sheet	1	70	2	1	70
88	Leather goods	1	4			
89	Leather, morocco	1	50	1	1	50
90	Leather, tanned and curried	22	385	26	22	378
91	Lime and cement	8	442	12	10	442
92	Liquors, distilled	11	750	22	16	700
93	Liquors, malt	27	3,488	64	57	3,488
94	Lithographing and engraving	4	77	4	3	72
95	Lock and gun smithing	2	12	2	2	12
96	Looking-glass and picture frames	4	217	2	2	47
97	Lumber and other mill products, from logs or bolts	204	5,978	199	181	5,151
98	Lumber, planing mill products, including sash, doors, and blinds	14	445	17	14	445
99	Marble and stone work	1	256	8	8	256
100	Mattresses and spring beds	1	15	1	1	15
101	Mineral and soda waters	3	23	3	3	23
102	Models and patterns	5	41	2	2	32
103	Monuments and tombstones	2	47	2	2	47
104	Mucilage and paste	1	15	1	1	15
105	Musical instruments, organs and materials	2	27	2	2	27
106	Musical instruments, pianos and materials	2	400	8	5	400
107	Nets and seines	1	16	1	1	16
108	Oakum	1	30	1	1	30
109	Oil, lubricating	1	4	1	1	4
110	Optical goods	1	1			
111	Oysters, canning and preserving	7	600	13	15	600
112	Painting and paper hanging	1	15	1	1	15
113	Paints	9	315	8	8	269
114	Paper	16	4,676	34	27	1,679
115	Paper hangings	1	200	3	2	170
116	Patent medicines and compounds	6	139	8	6	135
117	Paving and paving materials	1	25	1	1	25
118	Perfumery and cosmetics	1	12	1	1	12
119	Petroleum, refining	2	573	7	2	573
120	Photolithographing and engraving	2	6			
121	Pickles, preserves, and sauces	3	47	2	2	42
122	Plated and britannia ware	2	45	2	2	45
123	Plumbers' supplies	4	157	5	4	151
124	Plumbing and gas fitting	1	1			
125	Printing and publishing, book and job	51	293	11	11	97
126	Printing and publishing, newspapers and periodicals	49	599	35	39	530
127	Pumps, not including steam pumps	1	25	1	1	25
128	Refrigerators	3	33	2	2	31
129	Roofing and roofing materials	2	120	1	1	50
130	Saddlery and harness	2	32	1	1	30
131	Safes and vaults	1	40	1	1	40
132	Sausage	2	28	1	1	25
133	Saws	1	35	1	1	35
134	Sewing machine repairing	1	4	1	1	4
135	Shipbuilding	11	1,003	27	22	1,003
136	Shirts	8	165	1	1	75
137	Show cases	3	250	4	4	250
138	Silk and silk goods	1	8	1	1	8
139	Silverware	4	25	1	1	6
140	Slaughtering and meat packing, wholesale	15	872	24	21	872
141	Smelting and refining	1	662	10	8	662
142	Soap and candles	3	175	5	5	175
143	Stamped ware	1	35	1	1	35
144	Steam fittings and heating apparatus	1	50	1	1	50
145	Tinsmithing, coppersmithing, and sheet-iron working	16	571	16	15	561
146	Tobacco, chewing, smoking, and snuff	5	496	6	4	490
147	Tobacco, cigars and cigarettes	3	31	2	2	23
148	Tools, not elsewhere specified	3	53	3	3	53
149	Type founding	4	25	1	1	10
150	Umbrellas and canes	2	7			
151	Upholstery materials	6	246	11	7	246
152	Vinegar and cider	3	83	2	2	75
153	Washing machines and clothes wringers	1	10			
154	Whips	1	8			
155	Wirework, including wire rope and cable	2	21	1	1	20
156	Wood, turned and carved	5	84	3	3	71
157	Woodenware, not elsewhere specified	1	35	1	1	35
158	Woolen goods	9	554	6	3	285

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MARYLAND—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		
Total.		Turbine wheels.		Other water wheels.						
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	Not specified. (Horse power.)
4	75	4	75				7			
								10		
								4		
							4			
							7			
1	50			1	50					
								5		
								170		
52	827	23	448	29	379					
								9		
						1				
1	30			1	30	6		10		
29	2,957	5	162	24	2,795					
1	30	1	30					4		
						1		3		
								6		
1	1			1	1	1				
4	17	1	4	3	13	44	42	120		
						9	17	22		
							2			
2	70			2	70	2				
								3		
						21	7	2		
							8	11		
						4	4			
1	2			1	2			6		
								8		
						1	3	6		
						2	5			
								10		
1	8	1	8					5		
						1				
								3		
1	10	1	10							
10	269	6	212	4	57					

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MASSACHUSETTS.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	7,207	517,897	7,200	5,084	340,774
2	Agricultural implements	14	1,480	11	8	760
3	Ammunition	1	40			
4	Artists' materials	2	18			
5	Awnings, tents, and sails	5	10	1	1	2
6	Bagging, flax, hemp, and jute	1	1,500			
7	Bags, other than paper	1	5			
8	Baking and yeast powders	4	301	4	2	150
9	Baskets and rattan and willow ware	11	624	13	7	588
10	Belting and hose, leather	15	134	6	6	95
11	Belting and hose, linen	1	8			
12	Belting and hose, rubber	3	1,085	12	9	1,075
13	Bicycle and tricycle repairing	8	39	4	4	27
14	Bicycles and tricycles	7	444	8	5	273
15	Billiard tables and materials	4	117	3	3	85
16	Blacking	11	456	10	8	452
17	Blacksmithing and wheelwrighting	63	475	31	31	277
18	Bone, ivory, and lamp black	1	20	2	2	20
19	Bookbinding and blank-book making	38	153	5	4	26
20	Boot and shoe cut stock	211	2,348	78	68	1,575
21	Boot and shoe findings	65	1,435	31	26	772
22	Boot and shoe uppers	14	100	4	4	73
23	Boots and shoes, custom work and repairing	5	6	3	4	4
24	Boots and shoes, factory product	741	15,081	418	346	11,105
25	Boots and shoes, rubber	5	5,068	62	21	5,068
26	Bottling	18	159	11	11	136
27	Boxes, cigar	7	111	3	3	58
28	Boxes, fancy and paper	62	718	31	28	530
29	Boxes, wooden packing	83	3,420	68	53	2,227
30	Brass	2	50	2	2	50
31	Brass and copper, rolled	3	1,910	21	12	1,710
32	Brass castings and brass finishing	38	392	13	12	309
33	Brassware	8	65	2	1	50
34	Bread and other bakery products	47	690	45	50	607
35	Brick and tile	57	2,741	80	69	2,715
36	Bridges	8	131	22	22	131
37	Brooms and brushes	18	187	11	9	166
38	Buttons	14	408	14	8	375
39	Cardboard	1	150	3	1	150
40	Card cutting and designing	1	15			
41	Carpentering	189	2,842	77	70	1,989
42	Carpets and rugs, other than rag	7	4,576	56	14	3,935
43	Carriage and wagon materials	21	1,258	17	15	983
44	Carriages and sleds, children's	6	519	8	7	375
45	Carriages and wagons, including custom work and repairing	91	1,446	66	65	1,128
46	Cars and general shop construction and repairs by steam railroad companies	14	1,150	25	17	1,150
47	Cars, steam railroad, not including operations of railroad companies	3	305	5	3	305
48	Cars, street railroad, not including operations of railroad companies	2	45	1	1	40
49	Celluloid and celluloid goods	2	475	8	2	475
50	Cheese and butter, urban dairy product	6	101	7	6	101
51	Cheese, butter, and condensed milk, factory product	22	180	22	22	180
52	Chemicals	22	748	29	25	734
53	Chocolate and cocoa products	2	730	15	7	550
54	Clay and pottery products	18	657	20	20	597
55	Cleansing and polishing preparations	4	241	1	1	80
56	Clocks	4	137	4	3	135
57	Cloth, sponging and refinishing	5	29	3	3	26
58	Clothing, horse	1	10			
59	Clothing, men's, custom work and repairing	4	4	1	1	1
60	Clothing, men's, factory product	56	366	18	17	288
61	Clothing, men's, factory product, buttonholes	2	2			
62	Clothing, women's, factory product	17	133	4	3	97
63	Coffee and spice, roasting and grinding	20	340	11	9	242
64	Coffins, burial cases, and undertakers' goods	13	292	10	8	249
65	Collars and cuffs, paper	1	80	3	1	80
66	Combs	17	404	7	7	259
67	Confectionery	62	752	39	35	642
68	Cooperage	8	367	6	5	250
69	Cordage and twine	21	8,208	61	28	7,447
70	Cork, cutting	4	19			
71	Corsets	5	65	3	2	25
72	Cotton goods	187	171,924	1,173	515	115,810
73	Cotton waste	3	220	4	2	150
74	Crucibles	2	165	3	2	165
75	Cutlery and edge tools	63	3,416	34	29	1,317
76	Dentistry, mechanical	4	5			
77	Dentists' materials	3	8			
78	Druggists' preparations, not including prescriptions	3	5	1	1	1
79	Drug grinding	2	7			
80	Dyeing and cleaning	26	547	23	20	505
81	Dyeing and finishing textiles	33	12,361	202	132	11,533

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2,622	158,932	1,921	137,015	701	21,917	2,327	289	14,452	855	268	1
30	712	17	529	13	183			8			2
								40			3
								18			4
8	1,500	8	1,500			8					5
											6
								5			7
3	150	3	150					1			8
2	30	1	20	1	10			2		4	9
						16		23			10
								8			11
											12
						7		10		5	13
3	155			3	155			16			14
1	25	1	25					7			15
						1		3			16
20	145	10	90	10	55	22		27	4		17
1	1			1	1	12		109	11	3	19
2	40	2	40			25		704		4	20
8	459	7	458	1	1	21	5	178			21
						5		28			22
								2			23
11	220	3	64	8	165	175	24	3,501	4	43	24
5	6	2	1	3	5			12	5		26
1	40			1	40			13			27
36	919	28	794	8	125	36	8	130	2	3	28
						5		207	62		29
4	200	4	200								30
											31
						3		77	3		32
								11	4		33
1	2			1	2	17	2			2	34
2	26	1	1	1	25						35
											36
1	5	1	5			9		7			37
3	26	2	23	1	3	1		6			38
											39
						15					40
9	128	6	112	3	16	69	24	590	32	10	41
6	641	4	581	2	60						42
3	175	3	175			5		95			43
2	129	1	125	1	4			15			44
8	75	4	27	4	48	46	21	178			45
											46
											47
								5			48
											49
											50
											51
						1		13			52
9	180	9	180								53
1	60	1	60								54
1	150	1	150					11			55
								2			56
								3			57
								10			58
						3					59
						40		38			60
						1		1			61
						26		10			62
						25		73			63
1	22	1	22			16		5			64
											65
4	85			4	85			59	1		66
6	10			6	10	31	9	54		6	67
3	60	2	30	1	30	50		2		5	68
16	756	13	656	3	100			3		2	69
						7		12			70
						1		39			71
347	55,944	303	51,717	44	4,227	115		23	2	30	72
1	70			1	70						73
											74
40	2,034	32	1,898	8	136	15		29	10		75
3	4			3	4	1					76
								8			77
						3		1			78
						2		5			79
						1		38		3	80
10	823	7	663	3	160	5					81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Dye stuffs and extracts	8	1,010	31	10	875
83	Electrical apparatus and supplies	22	1,373	23	17	1,288
84	Electroplating	32	170	5	5	63
85	Emery wheels	5	87	4	4	75
86	Enameled goods	4	63	2	1	40
87	Engravers' materials	1	1			
88	Engraving and diesinking	6	17	1	1	3
89	Engraving, steel, including plate printing	3	6			
90	Engraving, wood	2	3			
91	Envelopes	11	279	8	5	221
92	Fancy articles, not elsewhere specified	9	63	2	1	7
93	Felt goods	7	1,350	18	9	775
94	Fertilizers	14	995	22	17	954
95	Files	14	172	3	3	122
96	Firearms	11	893	15	11	733
97	Fish, canning and preserving	4	67	3	3	65
98	Flags and banners	1	1			
99	Flavoring extracts	2	17	1	1	12
100	Flouring and grist mill products	237	10,821	73	63	2,812
101	Food preparations	16	523	14	13	510
102	Foundry and machine shop products	662	18,126	455	393	13,174
103	Fruits and vegetables, canning and preserving	7	395	10	7	395
104	Fur goods	1	50	2	1	50
105	Furnishing goods, men's	22	305	14	10	245
106	Furniture, cabinetmaking, repairing and upholstering	36	261	11	10	99
107	Furniture, chairs	33	3,452	45	24	1,993
108	Furniture, factory product	88	3,265	48	41	2,120
109	Furs, dressed	1	2			
110	Gas and lamp fixtures	6	236	3	3	220
111	Gas, illuminating and heating	52	2,477	98	97	2,477
112	Gas machines and meters	3	55	3	3	55
113	Gas stoves	2	79	3	1	75
114	Glass	2	55	3	3	55
115	Glass, cutting, staining, and ornamenting	10	81	2	2	66
116	Gloves and mittens	2	14	3	2	14
117	Glue	9	715	23	16	715
118	Graphite	1	30	1	1	30
119	Grease and tallow	19	653	30	21	653
120	Grindstones	1	10	1	1	10
121	Gunpowder	1	544	5	5	198
122	Hammocks	1	2	1	1	2
123	Hand stamps	9	16	1	1	1
124	Hardware	31	644	16	15	429
125	Hardware, saddlery	5	13			
126	Hat and cap materials	1	12			
127	Hats and caps, not including wool hats	25	525	30	18	503
128	Hones and whetstones	2	20			
129	Hooks and eyes	2	66	3	2	41
130	Horseshoes, factory product	1	5			
131	Hosiery and knit goods	42	3,056	50	35	2,185
132	House furnishing goods, not elsewhere specified	9	273	6	6	185
133	Ink, printing	1	200	3	3	175
134	Ink, writing	1	25	1	1	25
135	Instruments, professional and scientific	10	76	4	5	63
136	Iron and steel	13	7,220	131	61	6,705
137	Iron and steel, bolts, nuts, washers, and rivets	8	592	10	6	405
138	Iron and steel, doors and shutters	1	1			
139	Iron and steel, forgings	7	673	12	6	655
140	Iron and steel, nails and spikes, cut and wrought, including wire nails	40	3,321	60	36	2,568
141	Ironwork, architectural and ornamental	15	391	11	10	335
142	Ivory and bone work	9	106	4	4	68
143	Jewelry	93	1,687	44	30	954
144	Jewelry and instrument cases	2	11			
145	Kaolin and other earth grinding	7	201	6	6	126
146	Kindling wood	9	210	13	9	205
147	Labels and tags	1	5			
148	Lapidary work	3	4			
149	Lard, refined	2	35	2	2	35
150	Lasts	22	519	11	10	383
151	Lead, bar, pipe, and sheet	3	515	6	4	515
152	Leather board	5	825	7	4	290
153	Leather, dressed skins	3	41	2	2	40
154	Leather goods	9	33	2	2	8
155	Leather, morocco	51	1,956	40	40	1,752
156	Leather, patent and enameled	2	50	2	2	50
157	Leather, tanned and curried	123	6,236	196	140	5,928
158	Lime and cement	2	22	2	2	22
159	Linen goods	1	700	7	2	475
160	Liquors, distilled	5	372	9	5	372
161	Liquors, malt	25	3,068	56	40	3,036

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
6	130	6	130					5			82
						63		22			83
1	25			1	25	13		69			84
1	12	1	12								85
1	20	1	20					3			86
								1			87
						12	1	1			88
						1	4	1			89
						2		1			90
								58			91
						5	15	66			92
4	575	4	575								93
1	35	1	35						6		94
1	10	1	10					40			95
2	46	1	16	1	30		4	20			96
							2				97
						1					98
								5			99
303	7,944	223	5,977	80	1,967					65	100
							1	12			101
89	3,103	62	2,342	27	761	248	16	1,386	168	33	102
											103
											104
2	38	1	35	1	3	6		15	1		105
1	1			1	1	5		154	2		106
31	1,436	21	975	10	461			23			107
12	385	9	330	3	55			705	55		108
								2			109
						7		9			110
											111
											112
								4			113
											114
						5		10			115
											116
											117
											118
											119
											120
13	346			13	346						121
											122
						7		8			123
5	137	3	105	2	32			70	8		124
						4		9			125
								12			126
1	9	1	9			2		11			127
2	20	2	20								128
								23			129
						5					130
17	871	12	591	5	280						131
2	85	1	50	1	35			3			132
1	25	1	25								133
											134
						1		12			135
15	515	11	425	4	90						136
4	130	4	130					57			137
								1			138
1	6			1	6	10			2		139
19	633	18	623	1	10	9		111			140
1	15			1	15		5	36			141
3	18	2	17	1	1			20			142
11	221	10	213	1	8	1		307	2	2	143
1	9	1	9					2			144
4	75	4	75								145
						5					146
1	5	1	5								147
								4			148
											149
						20		116			150
											151
13	535	13	535								152
								1			153
						3		22			154
								204			155
											156
9	182	6	100	3	82	13		110		3	157
											158
3	225	2	180	1	45						159
											160
						20					161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Lithographing and engraving	10	287	5	3	242
163	Lock and gun smithing	18	34	3	3	15
164	Looking-glass and picture frames	15	46	2	2	21
165	Lumber and other mill products from logs or bolts	442	20,177	197	162	7,023
166	Lumber, planing mill products, including sash, doors, and blinds	161	8,934	165	110	7,325
167	Marble and stone work	35	1,012	50	48	1,546
168	Masonry, brick and stone	34	1,068	66	70	1,009
169	Matches	1	60	1	1	20
170	Mats and matting	1	8	1	1	8
171	Mattresses and spring beds	21	504	6	6	375
172	Millinery and lace goods	15	813	23	14	768
173	Millinery, custom work	1	1			
174	Mineral and soda waters	28	565	24	24	341
175	Mirrors	1	6			
176	Models and patterns	42	167	3	3	67
177	Monuments and tombstones	18	643	17	20	635
178	Mucilage and paste	10	616	11	10	569
179	Musical instruments and materials, not specified	12	128	3	3	90
180	Musical instruments, organs and materials	19	775	12	8	645
181	Musical instruments, pianos and materials	43	1,987	40	27	1,395
182	Needles and pins	11	135	5	5	120
183	Nets and seines	7	210	7	5	201
184	Oil, illuminating, not including petroleum, refining	1	2	2	1	2
185	Oil, lubricating	5	235	6	6	235
186	Oilcloth, enameled	1	60	4	1	60
187	Oilcloth, floor	2	16	2	2	16
188	Optical goods	11	387	2	2	70
189	Ordnance and ordnance stores	1	300	2	1	100
190	Painting and paper hanging	2	11			
191	Paints	24	982	29	21	830
192	Paper	81	44,386	291	190	15,213
193	Paper goods, not elsewhere specified	14	473	9	4	382
194	Paper hangings	2	21	3	2	21
195	Patent medicines and compounds	16	686	19	12	610
196	Paving and paving materials	3	200	5	7	200
197	Pens, fountain and stylographic	2	3			
198	Perfumery and cosmetics	4	9			
199	Petroleum, refining	1	200	2	1	200
200	Photographic apparatus	1	15			
201	Photographic materials	8	63	5	5	46
202	Photography	3	16			
203	Photolithographing and engraving	3	11			
204	Pickles, preserves, and sauces	8	150	8	6	141
205	Plastering and stuccowork	1	4	1	1	4
206	Plated and britannia ware	11	833	13	7	647
207	Plumbers' supplies	6	431	5	4	375
208	Plumbing and gas fitting	37	279	16	16	153
209	Pocketbooks	3	33	2	2	32
210	Printing and publishing, book and job	281	1,524	65	61	737
211	Printing and publishing, music	3	21	1	1	15
212	Printing and publishing, newspapers and periodicals	211	1,973	126	120	1,416
213	Printing materials	2	2			
214	Pulp goods	2	200	3	4	200
215	Pulp, wood	2	450	2	3	110
216	Pumps, not including steam pumps	5	44	4	4	41
217	Refrigerators	8	113	6	6	100
218	Regalia and society banners and emblems	4	18	1	1	15
219	Roofing and roofing materials	4	52	6	4	52
220	Rubber and elastic goods	46	4,992	67	47	4,347
221	Saddlery and harness	10	41	3	3	21
222	Safes and vaults	2	76	1	1	75
223	Sand and emery paper and cloth	3	167	3	3	125
224	Sausage	23	223	19	18	208
225	Saws	3	376	7	5	360
226	Scales and balances	2	5			
227	Screws, machine	10	231	4	3	145
228	Screws, wood	1	65			
229	Sewing machine repairing	5	13	1	1	4
230	Sewing machines and attachments	10	790	4	3	420
231	Shipbuilding	24	511	23	26	478
232	Shirts	23	185	8	8	132
233	Shoddy	29	2,219	25	18	1,040
234	Show cases	3	66	1	1	60
235	Silk and silk goods	16	2,665	40	22	1,294
236	Silversmithing	3	5			
237	Silverware	3	250	3	2	200
238	Slaughtering and meat packing, wholesale	15	1,364	41	25	1,362
239	Soap and candles	35	857	85	33	781
240	Soda water apparatus	1	125	3	1	125
241	Sporting goods	17	487	11	10	251

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						20	14	8	3		162
1	1			1	1	6		11		1	163
2	2			2	2	7		16			164
516	13,081	355	9,130	191	3,951				70	3	165
14	442	9	310	5	132	28		1,139			166
								66			167
								59			168
1	40	1	40								169
											170
2	62	2	62			13		49	5		171
						37		8			172
						1					173
2	154	1	150	1	4		8	1		1	174
								6			175
						17		72	11		176
1	4			1	4			4			177
2	35	2	35					12			178
1	8			1	8	8		22			179
							10	118	2		180
10	314	8	265	2	49	26		250		2	181
								15			182
								9			183
											184
											185
											186
											187
5	200	4	290	1	10	2		15			188
2	200	2	200								189
						10	1				190
2	60	2	60					84		8	191
290	29,148	250	26,183	40	2,965	25					192
1	2			1	2			39	50		193
											194
2	72	1	70	1	2	2		2			195
											196
								3			197
						7		2			198
											199
								15			200
						5		12			201
						16					202
						9		2			203
								9			204
											205
2	100	2	100			2		84			206
								56			207
1	10	1	10			14	12	70	20		208
						1					209
14	27			14	27	252	32	418	48	10	210
						3		3			211
24	80	2	7	22	73	258	54	148	2	15	212
								2			213
											214
4	340	4	340								215
								3			216
						5		8			217
						1		2			218
											219
11	545	11	545			17		47	40		220
						1		19			221
								1			222
1	40	1	40					2			223
								15			224
1	16	1	16								225
						4		1			226
								21	65		227
									65		228
								9			229
8	324	8	324			6		40			230
2	25	2	25			5		3			231
1	6			1	6	15		32			232
28	1,179	20	799	8	380						233
								6			234
25	1,322	24	1,320	1	2	46		3			235
								5			236
								50			237
						2					238
								76			239
											240
5	215	2	60	3	155	2		16	3		241

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Springs, steel, car and carriage	4	105	3	3	100
243	Stamped ware	6	126	4	3	115
244	Starch	2	75	2	2	75
245	Stationery goods, not elsewhere specified	13	205	7	9	164
246	Steam fittings and heating apparatus	20	467	15	12	468
247	Steam packing	4	183	2	2	35
248	Stencils and brands	2	2	1	1	1
249	Stereotyping and electrotyping	6	51	1	1	15
250	Straw goods, not elsewhere specified	1	40	3	1	40
251	Sugar and molasses, refining	2	880	28	14	880
252	Surgical appliances	5	84	2	3	21
253	Thread, linen	1	421	2	3	266
254	Tinsmithing, coppersmithing, and sheet-iron working	31	350	12	12	266
255	Tobacco, chewing, smoking, and snuff	2	30			
256	Tobacco, cigars and cigarettes	5	12	2	2	9
257	Tools, not elsewhere specified	76	1,838	36	33	915
258	Toys and games	13	390	8	8	181
259	Trunks and valises	5	62	2	2	50
260	Type founding	3	25	1	1	10
261	Typewriters and supplies	2	19			
262	Umbrellas and canes	3	9			
263	Upholstery materials	3	96	2	1	90
264	Varnish	5	41	4	4	41
265	Vinegar and cider	54	820	36	35	457
266	Washing machines and clothes wringers	1	10	1	1	10
267	Watch and clock materials	4	13	1	1	4
268	Watch cases	4	37	1	1	15
269	Watch, clock, and jewelry repairing	7	15	1	1	3
270	Watches	2	42	1	1	40
271	Whips	23	207	6	6	119
272	Windmills	1	10	1	1	10
273	Window shades	3	62	4	2	60
274	Wire	5	7,385	102	56	7,130
275	Wirework, including wire rope and cable	20	798	16	15	545
276	Wood, turned and carved	83	1,456	26	23	681
277	Woodenware, not elsewhere specified	14	1,097	5	6	223
278	Wool hats	7	765	16	7	765
279	Woolen goods	165	34,699	359	173	17,171
280	Worsted goods	33	16,835	116	109	10,856

MICHIGAN.

1	All industries	4,414	256,608	5,851	4,475	214,748
2	Agricultural implements	60	2,563	75	63	2,306
3	Ammunition	2	29	1	1	4
4	Artificial limbs	1	10	1	1	10
5	Awnings, tents, and sails	2	2			
6	Babbitt metal and solder	1	10	1	1	10
7	Baking and yeast powders	2	40	3	3	40
8	Baskets and rattan and willow ware	7	227	5	4	195
9	Belting and hose, leather	2	18	1	1	15
10	Bicycles and tricycles	1	10			
11	Blacksmithing and wheelwrighting	27	231	21	21	190
12	Bookbinding and blank-book making	5	30			
13	Boot and shoe uppers	1	1			
14	Boots and shoes, factory product	8	232	6	4	140
15	Bottling	5	36	5	5	36
16	Boxes, cigar	9	169	7	7	149
17	Boxes, fancy and paper	5	35	3	3	20
18	Boxes, wooden packing	22	1,595	29	22	1,485
19	Brass and copper, rolled	1	700	4	2	700
20	Brass castings and brass finishing	13	367	12	11	343
21	Bread and other bakery products	19	419	18	17	411
22	Brick and tile	132	3,913	138	133	3,873
23	Bridges	3	1,010	15	26	1,010
24	Brooms and brushes	7	78	4	4	23
25	Carpentering	38	1,073	33	30	913
26	Carriage and wagon materials	13	862	16	14	812
27	Carriages and sleds, children's	3	80	2	2	55
28	Carriages and wagons, including custom work and repairing	61	1,866	60	53	1,640
29	Cars and general shop construction and repairs by steam railroad companies	12	879	21	19	879
30	Cars, steam railroad, not including operations of railroad companies	4	2,020	18	9	2,020
31	Celluloid and celluloid goods	1	1			
32	Cheese, butter, and condensed milk, factory product	59	501	58	56	455
33	Chemicals	16	433	23	13	470
34	Clay and pottery products	5	239	8	4	238
35	Cloth, sponging and refinishing	1	10	1	1	10
36	Clothing, men's, custom work and repairing	1	2			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
								5			242
						1		10			243
											244
						10	7	24			245
								59			246
1	117	1	117					1	30		247
						1					248
						10		26			249
											250
											251
2	55	2	55					8			252
1	215	1	215								253
						26	5	53			254
2	30	2	30								255
1	1			1	1	1	1				256
24	816	20	795	4	21	18	4	78	2	5	257
8	154	6	129	2	25			55			258
						10		2			259
						5		10			260
								19			261
						5		4			262
						1		5			263
1	3			1	3						264
21	322	17	296	4	36	25		6			265
											266
1	7	1	7			1		1			267
						3		19			268
2	3			2	3			9			269
						2					270
9	13			9	13			75			271
											272
								2			273
9	245	7	200	2	45			10			274
3	155	2	140	1	15			88	10		275
22	444	17	405	5	39	15		299	17		276
20	843	16	768	4	75			1	30		277
											278
248	17,528	178	13,992	70	3,536						279
43	5,979	36	5,629	7	350						280

MICHIGAN.

1,218	38,986	830	29,206	388	9,780	577	207	1,788	195	77	1
7	257	5	212	2	45						2
1	25	1	25								3
											4
						2					5
											6
											7
2	27			2	27	1		4			8
1	3			1	3						9
								10			10
5	35	2	13	3	22					6	11
						14	16				12
						1					13
						22	29	80			14
											15
						5		15			16
						3		10	2		17
1	20	1	20								18
											19
						9		15			20
							8				21
1	40	1	40								22
											23
1	48	1	48			1		6			24
5	105	3	65	2	40			40		15	25
								50			26
								25			27
8	126	1	35	7	91	3		97			28
											29
											30
						1					31
								46			32
						6	7	5		5	33
						1					34
											35
						2					36

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MICHIGAN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
37	Clothing, men's, factory product	9	58	2	2	30
38	Clothing, women's, factory product	2	24	1	1	20
39	Coffee and spice, roasting and grinding	5	78	4	4	75
40	Coffins, burial cases, and undertakers' goods	7	375	8	5	275
41	Confectionery	19	170	11	11	151
42	Cooperage	22	777	26	23	767
43	Corsets	9	137	6	6	100
44	Cutlery and edge tools	6	230	6	6	175
45	Dyeing and cleaning	5	88	5	4	23
46	Electrical apparatus and supplies	1	15	1	1	15
47	Electroplating	6	32	2	2	11
48	Emery wheels	1	60	1	1	60
49	Engravers' materials	1	15			
50	Felt goods	1	105	2	1	75
51	Fertilizers	3	841	7	14	841
52	Files	4	67	2	2	43
53	Firearms	1	25	1	1	25
54	Fire extinguishers, chemical	1	40	2	1	40
55	Flavoring extracts	1	12	1	1	12
56	Flax, dressed	1	40	1	1	40
57	Flouring and grist mill products	543	33,814	337	312	16,749
58	Food preparations	4	81	4	3	78
59	Foundry and machine shop products	237	9,040	233	250	8,228
60	Fruits and vegetables, canning and preserving	29	509	32	27	500
61	Fur goods	2	2			
62	Furnishing goods, men's	2	20	1	1	15
63	Furniture, cabinetmaking, repairing and upholstering	11	174	7	7	133
64	Furniture, chairs	7	800	11	8	580
65	Furniture, factory product	99	9,313	136	112	8,601
66	Galvanizing	1	6	1	1	6
67	Gas, illuminating and heating	20	355	24	29	355
68	Gas stoves	1	10			
69	Glass, cutting, staining, and ornamenting	1	4			
70	Glue	1	170	2	1	170
71	Graphite	1	20	1	1	20
72	Grease and tallow	1	215	3	2	215
73	Grindstones	1	100	3	4	100
74	Hardware	1	60	1	1	60
75	Hardware, saddlery	1	80	2	1	80
76	Hats and caps, not including wool hats	2	40	2	1	30
77	High explosives	5	36	5	6	36
78	Hosiery and knit goods	7	349	9	5	204
79	House furnishing goods, not elsewhere specified	4	525	4	3	420
80	Instruments, professional and scientific	1	3			
81	Iron and steel	19	8,380	124	88	8,180
82	Iron and steel, bolts, nuts, washers, and rivets	1	350	3	3	350
83	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	7			
84	Ironwork, architectural and ornamental	4	49	1	1	40
85	Jewelry	2	5			
86	Jewelry and instrument cases	1	3			
87	Kaolin and other earth grinding	5	525	8	5	450
88	Kindling wood	1	14	1	1	14
89	Labels and tags	1	5	1	1	5
90	Lasts	1	35	1	1	15
91	Lead, bar, pipe, and sheet	1	20	1	1	20
92	Leather goods	1	20			
93	Leather, tanned and curried	18	828	26	23	828
94	Lime and cement	6	116	7	7	116
95	Liquors, malt	58	2,211	73	70	2,191
96	Lithographing and engraving	2	40	2	1	30
97	Lock and gun smithing	3	11	2	2	6
98	Looking-glass and picture frames	5	157	3	2	150
99	Lumber and other mill products from logs or bolts	1,671	123,634	3,042	1,949	111,828
100	Lumber, planing mill products, including sash, doors, and blinds	217	11,718	245	225	10,923
101	Malt	7	199	6	6	189
102	Marble and stone work	11	359	12	14	329
103	Masonry, brick and stone	10	118	12	12	118
104	Matches	1	160	2	2	160
105	Mattresses and spring beds	6	91	5	5	83
106	Mineral and soda waters	8	49	7	8	36
107	Mirrors	1	50	1	1	50
108	Models and patterns	4	75	2	2	72
109	Monuments and tombstones	5	54	4	4	46
110	Musical instruments and materials, not specified	1	66	2	2	66
111	Musical instruments, organs and materials	4	429	6	6	429
112	Musical instruments, pianos and materials	1	75	1	1	75
113	Needles and pins	1	100	1	1	100
114	Oil, essential	3	24	3	3	24
115	Optical goods	2	7			
116	Paints	7	418	8	5	400

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MICHIGAN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.						Not specified. (Horse power.)	
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	5	1	5			4	4	15			37
						4					38
								3			39
1	60	1	60					40			40
						10	9				41
								10			42
						10	20	7			43
2	35	2	35					20			44
								65			45
											46
						7		6	8		47
											48
								15			49
1	30	1	30								50
											51
								24			52
											53
											54
											55
											56
676	17,049	476	13,190	200	3,859					16	57
								3			58
22	615	13	446	9	169	38	16	128	15		59
1	4	1	4					5			60
						2					61
						5					62
3	31	1	20	2	11			10			63
5	220	3	150	2	70						64
16	610	5	155	11	455	4		73	25		65
											66
											67
								10			68
								4			69
											70
											71
											72
											73
											74
											75
								10			76
											77
2	145	2	145								78
3	100	3	100					5			79
								3			80
3	200	3	200								81
											82
1	7			1	7						83
						7	2				84
						5					85
						3					86
2	75	2	75								87
											88
											89
								20			90
											91
1	20			1	20						92
											93
											94
1	5			1	5				15		95
								10			96
								5			97
						5		2			98
298	10,807	298	7,854	90	2,953	125		270		4	99
15	610	7	295	8	315			120	65		100
						10					101
								30			102
											103
											104
						4	4				105
							4				106
											107
						1		2			108
									8		109
											110
											111
											112
											113
											114
											115
						7					116
						10		8			

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MICHIGAN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
117	Paper	21	8,831	58	38	8,672
118	Paper goods, not elsewhere specified	2	102	2	1	100
119	Patent medicines and compounds	7	119	7	8	118
120	Paving and paving materials	6	144	7	7	144
121	Perfumery and cosmetics	4	29	2	2	27
122	Photographic apparatus	3	27	2	2	20
123	Photoengraving and engraving	1	1			
124	Pickles, preserves, and sauces	11	272	12	12	272
125	Plumbers' supplies	5	120	3	3	95
126	Plumbing and gas fitting	3	31	2	2	28
127	Printing and publishing, book and job	60	416	16	16	217
128	Printing and publishing, newspapers and periodicals	208	1,535	153	147	1,268
129	Pulp, wood	9	2,429	16	10	720
130	Pumps, not including steam pumps	8	113	6	6	100
131	Refrigerators	3	327	6	3	327
132	Regalia and society badges and emblems	1	2			
133	Roofing and roofing materials	2	60	2	2	60
134	Saddlery and harness	7	71	3	3	62
135	Sales and vaults	1	145	2	2	145
136	Salt	38	3,756	171	109	3,749
137	Saws	8	254	7	7	252
138	Scales and balances	1	15	1	1	15
139	Screws, machine	1	50	1	1	50
140	Shipbuilding	30	1,783	41	48	1,685
141	Shirts	4	8			
142	Show cases	1	40	1	1	40
143	Silk and silk goods	1	140			
144	Slaughtering and meat packing, wholesale	9	178	13	12	178
145	Soap and candles	7	145	9	7	145
146	Sporting goods	3	90	1	1	75
147	Springs, steel, car and carriage	2	140	3	2	140
148	Stamped ware	1	40	1	1	40
149	Steam fittings and heating apparatus	5	182	5	5	142
150	Stereotyping and electrotyping	2	17			
151	Sugar and molasses, refining	4	95	4	4	95
152	Tinsmithing, coppersmithing, and sheet iron working	12	90	5	5	52
153	Tobacco, chewing, smoking, and snuff	5	840	13	8	790
154	Tobacco, cigars and cigarettes	4	8			
155	Tools not elsewhere specified	9	169	6	6	145
156	Toys and games	3	105	3	3	105
157	Trunks and valises	1	40	1	1	40
158	Typewriters and parts	1	2			
159	Upholstery materials	5	251	5	5	216
160	Varnish	1	230	2	1	230
161	Vinegar and cider	71	1,388	67	72	1,181
162	Washing machines and clothes wringers	3	57	2	2	42
163	Watch, clock, and jewelry repairing	1	2			
164	Wheelbarrows	3	217	2	3	187
165	Whips	2	40	2	2	40
166	Windmills	8	172	6	5	122
167	Wirework, including wire rope and cable	8	326	6	5	304
168	Wood, turned and carved	33	1,140	29	22	1,043
169	Woodenware, not elsewhere specified	7	495	13	9	495
170	Woolen goods	32	960	24	20	636

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MICHIGAN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
63	5,159	47	4,169	16	990						117
								2			118
							1				119
											120
						2					121
								1			122
						1					123
											124
						10		15			125
						3					126
2	6			2	6	65	49	76		3	127
15	48	1	1	14	47	40	57	95	4	23	128
20	1,709	15	1,267	5	442						129
1	8	1	8					5			130
											131
						2					132
											133
						6	2	1			134
											135
						7					136
									2		137
											138
											139
3	51	3	51			2		40		5	140
						7		1			141
											142
2	140	2	140								143
											144
											145
						3		12			146
											147
											148
								40			149
						2		15			150
											151
						12	17	9			152
						50					153
						7	1				154
								24			155
											156
											157
						2					158
1	35	1	35								159
											160
9	172	5	99	4	73			25			161
								15			162
						2					163
									30		164
								40	10		165
								22			166
1	20	1	20			22		44	11		167
											168
15	324	10	194	5	130						169

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MINNESOTA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,519	112,817	2,033	1,448	83,548
2	Agricultural implements	16	995	17	13	638
3	Awnings, tents, and sails	1	1			
4	Bags, other than paper	2	85	3	2	85
5	Baking and yeast powders	1	40	1	1	40
6	Belting and hose, leather	2	30	2	3	30
7	Bicycle and tricycle repairing	1	2			
8	Blacksmithing and wheelwrighting	25	175	22	23	158
9	Bookbinding and blank-book making	4	31	1	1	1
10	Boots and shoes, custom work and repairing	1	5	1	1	5
11	Boots and shoes, factory product	5	322	8	5	322
12	Boxes, cigar	2	13	1	1	8
13	Boxes, fancy and paper	2	14	1	1	12
14	Boxes, wooden packing	5	370	3	2	180
15	Brass castings and brass finishing	4	19	2	2	15
16	Bread and other bakery products	6	56	3	3	48
17	Brick and tile	59	1,824	82	60	1,813
18	Bridges	2	52	5	5	52
19	Carpentering	13	230	15	16	230
20	Carriages and sleds, children's	1	26	1	1	26
21	Carriages and wagons, including custom work and repairing	43	752	42	39	678
22	Cars and general shop construction and repairs by steam railroad companies	8	1,730	30	29	1,730
23	Cars and general shop construction and repairs by street railroad companies	1	25	2	1	25
24	Cars, steam railroad, not including operations of railroad companies	2	1,445	12	8	1,445
25	Cars, street railroad, not including operations of railroad companies	1	100	2	1	100
26	Celluloid and celluloid goods	1	40	1	1	40
27	Cheese and butter, urban dairy product	4	192	20	20	190
28	Cheese, butter, and condensed milk, factory product	80	666	77	76	577
29	Chemicals	1	5	2	1	5
30	Clay and pottery products	5	333	7	4	331
31	Clothing, horse	1	40	1	1	40
32	Clothing, men's, factory product	6	315	11	5	305
33	Coffee and spice, roasting and grinding	9	124	6	5	109
34	Coffins, burial cases, and undertakers' goods	3	195	6	3	195
35	Confectionery	11	186	9	7	141
36	Cooperage	10	275	13	10	273
37	Cutlery and edge tools	1	2			
38	Druggists' preparations, not including prescriptions	2	3			
39	Dyeing and cleaning	3	30	2	2	28
40	Electrical apparatus and supplies	2	73	1	1	60
41	Electroplating	1	8			
42	Emery wheels	1	18	1	1	18
43	Fancy articles, not elsewhere specified	1	5			
44	Fertilizers	1	20			
45	Flouring and grist mill products	307	48,280	310	214	24,532
46	Food preparations	3	46	1	1	35
47	Foundry and machine shop products	79	1,548	69	67	1,262
48	Fruits and vegetables, canning and preserving	3	180	4	3	180
49	Fuel, artificial	1	50	2	1	50
50	Fur goods	2	8	1	1	5
51	Furnishing goods, men's	3	4			
52	Furniture, cabinetmaking, repairing and upholstering	3	15	2	2	10
53	Furniture, chairs	1	5			
54	Furniture, factory product	16	1,200	25	17	1,200
55	Gas, illuminating and heating	7	737	13	14	737
56	Glass, cutting, staining, and ornamenting	2	21	1	1	6
57	Grease and tallow	2	65	5	2	65
58	Hand stamps	1	1			
59	Hay and straw, baling	1	4	1	1	4
60	Hosiery and knit goods	1	45	2	1	45
61	Iron and steel	1	460	4	3	460
62	Iron and steel, bolts, nuts, washers, and rivets	1	80	2	2	80
63	Ironwork, architectural and ornamental	6	220	7	5	212
64	Kaolin and other earth grinding	1	10			
65	Lead, bar, pipe, and sheet	1	15	1	1	15
66	Leather goods	1	57	1	1	4
67	Leather, tanned and curried	5	107	4	4	101
68	Lightning rods	1	5			
69	Lime and cement	1	257	6	3	257
70	Liquors, distilled	2	610	11	4	610
71	Liquors, malt	44	1,366	58	51	1,354
72	Lithographing and engraving	2	35	1	1	30
73	Lock and gun smithing	1	6	1	2	6
74	Looking-glass and picture frames	2	10			
75	Lumber and other mill products from logs or bolts	300	36,425	742	378	33,882
76	Lumber, planing mill products, including sash, doors, and blinds	51	3,374	64	50	3,150
77	Malt	2	75	2	3	75
78	Marble and stone work	11	452	19	19	452
79	Masonry, brick and stone	18	684	62	62	684
80	Mattresses and spring beds	2	87	1	1	85
81	Mineral and soda waters	5	27	4	4	23

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MINNESOTA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
362	27,300	269	24,179	93	3,121	280	126	1,377	104	82	1
1	3	1	3					350		4	2
						1					3
											4
											5
											6
						2					7
1	8			1	8					9	8
						5		25			9
											10
											11
								5			12
								2			13
								190			14
								4			15
						2		5		1	16
								11			17
											18
						4		5			19
											20
2	52	2	52				7			15	21
											22
											23
											24
											25
											26
										2	27
								89			28
											29
										2	30
											31
								10			32
						4	7	4			33
											34
						3		42			35
								2			36
								2			37
							2	1			38
						2					39
						13					40
						4		4			41
											42
								5			43
								20			44
289	23,732	226	21,214	63	2,518					25	45
								11			46
3	165	3	165			5	20	81	5	10	47
											48
											49
										3	50
						4					51
								5			52
								5			53
											54
											55
						15					56
											57
						1					58
											59
											60
											61
											62
									8		63
								10			64
											65
									3		66
1	50	1	50					6			67
1	5	1	5								68
											69
											70
							10			2	71
								5			72
											73
								8			74
						2					75
38	2,563	25	2,053	13	450	40					76
2	58	1	40	1	18			110	20		
											77
											78
											79
											80
						2	4				81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MINNESOTA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Mirrors	1	4			
83	Models and patterns	3	11	1	1	4
84	Monuments and tombstones	1	5	1	1	5
85	Mucilage and paste	1	2	1	1	2
86	Musical instruments, organs and materials	1	75	2	3	75
87	Oil, linseed	3	345	5	3	345
88	Optical goods	2	11	1	1	10
89	Painting and paper hanging	1	2			
90	Paints	4	105	1	1	30
91	Paper	2	150			
92	Patent medicines and compounds	1	2			
93	Paving and paving materials	8	169	12	12	169
94	Photolithographing and engraving	2	2			
95	Pickles, preserves, and sauces	3	44	3	3	44
96	Plastering and stuccowork	1	20	1	1	20
97	Plumbers' supplies	2	20	1	1	10
98	Plumbing and gas fitting	6	45	3	3	32
99	Printing and publishing, book and job	48	428	8	5	205
100	Printing and publishing, newspapers and periodicals	87	697	50	49	595
101	Printing materials	1	15	1	1	15
102	Pulp goods	2	320	3	2	315
103	Pumps, not including steam pumps	3	49	2	2	34
104	Roofing and roofing materials	2	25	2	2	25
105	Saddlery and harness	6	72	4	4	48
106	Sausage	2	16	2	2	16
107	Shipbuilding	6	110	7	7	110
108	Shirts	4	9			
109	Show cases	1	1			
110	Slaughtering and meat packing, wholesale	9	335	15	13	327
111	Soap and candles	3	118	4	3	118
112	Starch	6	304	11	9	304
113	Steam fittings and heating apparatus	1	4	1	1	4
114	Stereotyping and electrotyping	1	5			
115	Sugar and molasses, refining	3	35	2	2	15
116	Tinsmithing, coppersmithing, and sheet-iron working	4	110	3	2	100
117	Tobacco, chewing, smoking, and snuff	2	40	1	1	30
118	Tools, not elsewhere specified	2	30			
119	Trunks and valises	2	26	2	3	26
120	Type founding	1	50	2	1	50
121	Upholstery materials	3	216	35	18	210
122	Vinegar and cider	3	125	3	3	125
123	Washing machines and clothes wringers	3	18	3	3	18
124	Watch, clock, and jewelry repairing	3	5			
125	Window shades	1	5	1	1	5
126	Wirework, including wire rope and cable	3	69	3	3	69
127	Wood, turned and carved	1	5			
128	Woodenware, not elsewhere specified	3	300	5	4	300
129	Woolen goods	21	862	12	11	282

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MINNESOTA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						4					83
								7			84
											85
											86
											87
						1					88
							1				89
								75			90
2	100	2	100						30		91
						2					92
						2					93
											94
											95
											96
								10			97
						9	4				98
1	3	1	3			73	20	127			99
5	26			5	26	41	37	81	3	4	100
											101
										6	102
1	15	1	15								103
											104
						19		5			105
											106
											107
						5	4				108
						1					109
						8					110
											111
											112
											113
								5			114
								20			115
											116
						2	7				117
									20		118
								30			119
											120
											121
											122
											123
						9	2				124
											125
											126
									5		127
											128
											129
15	580	5	479	10	101						

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSISSIPPI.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	985	35,331	1,005	926	32,345
2	Agricultural implements	3	50	3	3	50
3	Blacksmithing and wheelwrighting	5	53	5	5	53
4	Brick and tile	11	297	10	10	287
5	Carpentering	2	32	2	2	32
6	Carriages and wagons, including custom work and repairing	4	85	4	4	85
7	Cars and general shop construction and repairs by steam railroad companies	2	140	3	3	140
8	Clay and pottery products	2	85	2	2	85
9	Confectionery	2	3			
10	Cotton, ginning	120	2,085	107	108	1,732
11	Cotton goods	9	2,195	25	14	2,155
12	Fertilizers	1	10	1	1	10
13	Flouring and grist mill products	408	7,040	295	293	5,268
14	Foundry and machine shop products	18	328	19	19	328
15	Fruits and vegetables, canning and preserving	1	25	2	1	25
16	Furniture, factory product	2	139	3	3	130
17	Gas, illuminating and heating	1	40	2	1	40
18	Ice, artificial	8	402	10	11	384
19	Leather, tanned and curried	1	30	1	1	30
20	Lumber and other mill products from logs or bolts	335	19,546	450	397	18,875
21	Lumber, planing mill products, including sash, doors, and blinds	8	255	8	8	255
22	Masonry, brick and stone	1	5	1	1	5
23	Mineral and soda waters	1	7	1	1	7
24	Oil, cottonseed and cake	11	1,516	27	19	1,516
25	Oysters, canning and preserving	3	220	6	3	220
26	Printing and publishing, newspapers and periodicals	9	35	5	5	13
27	Saddlery and harness	2	11	1	1	6
28	Shipbuilding	1	15	1	2	15
29	Sugar and molasses, refining	6	17			
30	Wood, turned and carved	1	16	1	1	16
31	Woolen goods	7	658	10	7	583

MISSOURI.

1	All industries	3,032	145,185	3,401	3,368	137,595
2	Agricultural implements	16	478	17	17	478
3	Ammunition	3	180	3	3	180
4	Awnings, tents, and sails	7	37	1	1	25
5	Bagging, flax, hemp, and jute	1	200	2	2	200
6	Baking and yeast powders	2	17	1	1	12
7	Baskets and rattan and willow ware	2	9	2	2	9
8	Blacksmithing and wheelwrighting	19	116	19	20	115
9	Bone, ivory, and lamp black	2	170	8	8	170
10	Boot and shoe cut stock	1	10			
11	Boot and shoe uppers	2	3			
12	Boots and shoes, custom work and repairing	1	1			
13	Boots and shoes, factory product	24	584	11	11	374
14	Bottling	4	62	5	4	62
15	Boxes, cigar	3	217	4	3	217
16	Boxes, fancy and paper	6	93	3	3	82
17	Boxes, wooden packing	24	989	21	18	851
18	Brass castings and brass finishing	7	153	7	7	138
19	Brassware	2	18	1	1	8
20	Bread and other bakery products	12	177	9	9	138
21	Brick and tile	74	3,756	99	83	3,748
22	Bridges	4	953	14	15	953
23	Brooms and brushes	4	98	2	2	40
24	Calcium lights	1	6			
25	Carpentering	37	635	34	32	583
26	Carriage and wagon materials	3	126	2	2	80
27	Carriages and sleds, children's	2	50	1	1	40
28	Carriages and wagons, including custom work and repairing	45	1,172	46	43	1,132
29	Cars and general shop construction and repairs by steam railroad companies	14	1,062	25	20	1,062
30	Cars and general shop construction and repairs by street railroad companies	3	280	3	4	280
31	Cars, steam railroad, not including operations of railroad companies	5	1,730	18	10	1,730
32	Cars, street railroad, not including operations of railroad companies	3	525	6	4	525
33	Cheese and butter, urban dairy product	3	37	4	4	37
34	Cheese, butter, and condensed milk, factory product	49	474	49	49	468
35	Chemicals	10	536	20	17	521
36	Clay and pottery products	14	1,540	29	13	1,465
37	Cleansing and polishing preparations	3	90	3	3	90
38	Clocks	1	8	1	1	8
39	Clothing, men's, factory product	18	334	10	9	265
40	Clothing, women's, factory product	1	8			
41	Coffee and spice, roasting and grinding	15	559	15	15	549
42	Coffins and burial cases, trimming and finishing	1	12	1	1	12
43	Coffins, burial cases, and undertakers' goods	3	205	4	3	205
44	Confectionery	16	293	17	13	281
45	Cooperage	14	866	20	17	866
46	Cordage and twine	2	290	3	3	290

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSISSIPPI.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
252	2,746	105	1,371	147	1,375	3	8	206	6	37	1
											2
											3
1	10	1	10								4
											5
											6
											7
											8
1	2			1	2				1		9
23	333	7	98	16	235			20			10
1	40			1	40						11
											12
187	1,772	76	923	111	849						13
											14
											15
											16
											17
						3		15			18
											19
34	500	17	257	17	243			171			20
											21
											22
											23
											24
											25
3	14	2	8	1	6		8				26
									5		27
											28
										17	29
											30
2	75	2	75								31

MISSOURI.

313	4,755	188	3,124	125	1,631	618	437	1,534	3	180	1
											2
											3
						10	2				4
1						5					5
											6
											7
						1					8
											9
							10				10
						3					11
											12
						1					13
						34	20	136		19	14
											15
										5	16
						6					17
						22		116			18
								15			19
						10					20
						10	29			8	21
											22
											23
						3		55			24
								6			25
						3		21		14	26
2	9			2	9		40				27
						10					28
						5		35			29
											30
											31
											32
											33
											34
											35
											36
2	6			2	6			15			37
								75			38
											39
								8			40
						61					41
						8					42
						10					43
											44
								7			45
						5					46

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSOURI—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
47	Cordials and sirups	2	82	3	2	82
48	Corsets	3	23			
49	Cotton, ginning	3	95	3	3	95
50	Cotton goods	1	300	3	1	300
51	Cotton ties	1	10	1	1	10
52	Cutlery and edge tools	8	54	6	6	38
53	Dyeing and cleaning	3	68	2	4	67
54	Electrical apparatus and supplies	1	4			
55	Electric light and power	4	5,920	59	40	5,920
56	Electroplating	7	105	5	5	93
57	Engravers' materials	1	4			
58	Engraving and diesinking	6	21	2	2	11
59	Engraving, steel, including plate printing	1	3			
60	Engraving, wood	1	1			
61	Fancy articles, not elsewhere specified	1	2			
62	Fertilizers	3	340	7	8	340
63	Files	2	45	2	2	45
64	Flavoring extracts	1	2			
65	Flouring and grist mill products	710	34,872	667	591	30,611
66	Food preparations	9	151	5	6	131
67	Foundry and machine shop products	157	6,115	178	231	6,072
68	Fruits and vegetables, canning and preserving	9	214	11	9	210
69	Furnishing goods, men's	2	10			
70	Furniture, cabinetmaking, repairing and upholstering	7	114	5	5	104
71	Furniture, chairs	7	718	16	9	718
72	Furniture, factory product	33	1,751	34	33	1,688
73	Galvanizing	1	50	2	2	50
74	Gas, illuminating and heating	11	610	39	26	610
75	Glass	2	2,030	20	22	2,030
76	Glass, cutting, staining, and ornamenting	6	114	5	5	106
77	Glue	1	750	9	3	750
78	Grease and tallow	6	151	7	9	151
79	Hand stamps	1	2			
80	Hardware	2	95	2	2	95
81	Hats and caps, not including wool hats	1	1			
82	High explosives	1	18	1	1	18
83	Hosiery and knit goods	3	10			5
84	House furnishing goods, not elsewhere specified	1	1			
85	Ice, artificial	2	200	4	2	200
86	Ink, printing	2	65	2	2	65
87	Instruments, professional and scientific	5	31			
88	Iron and steel	6	4,223	53	26	4,223
89	Iron and steel, bolts, nuts, washers, and rivets	5	585	7	10	585
90	Iron and steel, doors and shutters	1	20	1	1	20
91	Iron and steel, forgings	2	1,275	19	10	1,275
92	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	1,800	16	15	1,800
93	Ironwork, architectural and ornamental	22	606	19	19	565
94	Ivory and bone work	1	4	1	1	4
95	Jewelry	6	28	3	2	20
96	Kaolin and other earth grinding	3	172	3	5	172
97	Labels and tags	2	7	2	2	7
98	Lamps and reflectors	2	55	1	1	45
99	Lard, refined	1	450	9	7	450
100	Lead, bar, pipe, and sheet	1	30	1	1	30
101	Leather goods	1	25	1	1	25
102	Leather, morocco	1	4	1	1	4
103	Leather, tanned and curried	10	360	13	10	355
104	Lightning rods	1	12	1	1	12
105	Lime and cement	9	335	11	10	335
106	Liquors, distilled	7	203	17	13	203
107	Liquors, malt	24	14,552	134	358	14,552
108	Liquors, vinous	4	112	5	5	112
109	Lithographing and engraving	6	99	2	2	65
110	Lock and gun smithing	3	7	2	2	6
111	Looking-glass and picture frames	9	146	5	5	137
112	Lumber and other mill products from logs or bolts	693	19,440	766	719	19,044
113	Lumber, planing mill products, including sash, doors, and blinds	74	4,630	85	73	4,430
114	Malt	11	217	12	11	217
115	Marble and stone work	17	579	21	20	579
116	Masonry, brick and stone	16	393	30	28	393
117	Matches	1	150	2	3	150
118	Mattresses and spring beds	9	487	12	11	487
119	Mineral and soda waters	28	158	27	28	157
120	Models and patterns	5	20	1	1	6
121	Monuments and tombstones	1	40	1	1	40
122	Mucilage and paste	3	32	1	1	15
123	Musical instruments and materials, not specified	2	5	1	1	1
124	Oil, castor	3	60	1	1	25
125	Oil, linseed	5	968	12	7	943
126	Oil, lubricating	3	66	2	2	56

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSOURI—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											47
						13		10			48
											49
											50
											51
						16					52
						4		1			53
											54
											55
							7	5			56
						4					57
						2		8			58
								3			59
						1					60
							2				61
											62
											63
						2					64
266	4,225	169	2,816	97	1,409					36	65
						5		15			66
						13	5	24		1	67
								4			68
						3	7				69
						3	7				70
											71
								63			72
											73
											74
											75
								3			76
											77
											78
							2				79
											80
						1					81
											82
						5					83
						1					84
											85
											86
						6		25			87
											88
											89
											90
											91
											92
							7	34			93
											94
						4	4				95
											96
											97
							10				98
											99
											100
											101
											102
								5			103
											104
											105
											106
											107
											108
						6	25			3	109
						1					110
						9					111
19	357	11	274	8	83			29			112
						20		180			113
											114
											115
											116
											117
											118
								1			119
						2		12			120
											121
								17			122
							4				123
								35			124
								25			125
								10			126

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSOURI—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
127	Paints	20	1,965	38	27	1,965
128	Paper	1	100	2	2	100
129	Patent medicines and compounds	10	71	3	3	50
130	Paving and paving materials	4	360	8	10	360
131	Perfumery and cosmetics	1	1			
132	Photographic materials	2	95	5	6	95
133	Photolithographing and engraving	1	1			
134	Pickles, preserves, and sauces	6	141	7	7	138
135	Pipes, tobacco	4	67	3	3	65
136	Plastering and stuccowork	3	70	3	3	60
137	Plated and britannia ware	1	20	1	1	20
138	Plumbers' supplies	4	365	7	7	365
139	Plumbing and gas fitting	4	97	4	4	97
140	Printing and publishing, book and job	63	788	20	19	572
141	Printing and publishing, newspapers and periodicals	137	2,093	93	97	1,693
142	Printing materials	2	44			
143	Pulp from fiber, other than wood	1	350	4	1	350
144	Pumps, not including steam pumps	3	117	3	3	117
145	Refrigerators	3	445	3	3	445
146	Regalia and society banners and emblems	1	2			
147	Roofing and roofing materials	4	115	4	3	105
148	Saddlery and harness	20	318	5	7	53
149	Sausage	6	37	4	4	27
150	Saws	1	150	2	1	150
151	Scales and balances	1	15	1	1	15
152	Screws, machine	1	10			
153	Sewing machine repairing	1	5			
154	Shipbuilding	1	300	6	6	300
155	Shirts	5	33	1	1	14
156	Show cases	3	27			
157	Silk and silk goods	1	5	1	1	5
158	Slaughtering and meat packing, wholesale	39	1,437	54	52	1,427
159	Smelting and refining	2	17	3	2	17
160	Soap and candles	13	608	27	13	608
161	Springs, steel, car and carriage	1	35	2	1	35
162	Stamped ware	1	1,400	10	7	1,400
163	Steam fittings and heating apparatus	7	192	6	6	172
164	Stereotyping and electrotyping	2	44			
165	Sugar and molasses, refining	5	205	6	6	205
166	Tinfoil	1	75	2	1	75
167	Tinsmithing, coppersmithing, and sheet-iron working	15	273	10	11	206
168	Tobacco, chewing, smoking, and snuff	18	1,918	31	28	1,863
169	Tobacco, cigars and cigarettes	1	5	1	1	5
170	Tobacco, stemming and rehandling	1	10	1	1	10
171	Tools, not elsewhere specified	5	190	5	4	178
172	Trunks and valises	3	102	2	1	40
173	Type founding	2	100	5	3	100
174	Typewriters and supplies	1	30	1	1	30
175	Upholstery materials	4	167	4	4	167
176	Vinegar and cider	16	566	20	18	506
177	Washing machines and clothes wringers	1	8	1	1	8
178	Watch cases	1	7			
179	Watch, clock, and jewelry repairing	3	5			
180	Wire	2	1,075	10	9	1,075
181	Wirework, including wire rope and cable	5	312	3	3	275
182	Wood, turned and carved	13	376	10	10	366
183	Woodenware, not elsewhere specified	3	270	6	4	270
184	Woolen goods	35	835	28	27	743
185	Zinc	2	140	2	3	140

MONTANA.

1	All industries	94	2,848	83	72	2,105
2	Blacksmithing and wheelwrighting	1	10	1	1	10
3	Bottling	1	10	1	1	10
4	Brick and tile	7	265	8	7	265
5	Carriages and wagons, including custom work and repairing	1	7			
6	Cars and general shop construction and repairs by steam railroad companies	3	155	7	3	155
7	Cheese, butter, and condensed milk, factory product	1	4			
8	Confectionery	2	26	2	2	26
9	Flouring and grist mill products	7	311	2	2	65
10	Foundry and machine shop products	3	60	2	2	45
11	Gas, illuminating and heating	1	4	1	1	4
12	Liquors, malt	3	86	5	5	86
13	Lock and gun smithing	1	4	1	1	4
14	Lumber and other mill products from logs or bolts	30	1,489	33	27	1,136
15	Lumber, planing mill products, including sash, doors, and blinds	7	277	6	6	237
16	Printing and publishing, newspapers and periodicals	25	137	14	14	62
17	Tinsmithing, coppersmithing, and sheet-iron working	1	3			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSOURI—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											127
											128
						7	2	12			129
											130
						1					131
											133
						1					133
						3					134
										2	135
								10			136
											137
											138
											139
						93	34	64		5	140
16	66	7	24	9	42	70	116	51	3	4	141
								44			142
											143
											144
											145
						2					146
							10				147
						33	52	161		20	148
								14			149
											150
											151
								10			152
								5			153
											154
						5	4	10			155
						27					156
											157
							10				158
											159
											160
											161
											162
								20			163
								44			164
											165
											166
						10	32	25		65	167
											168
											169
											170
								12			171
								62			172
											173
											174
											175
											176
											177
											178
						7					179
						5					180
											181
						23		14			182
						3		7			183
											184
											185
8	92	1	10	7	82						

MONTANA.

23	666	15	537	8	129	43	17	17			1
											2
											3
											4
							7				5
											6
											7
				1	4						8
1	4										9
				1	36						10
5	246	4	210			15					11
											12
											13
											14
											15
				3	70						16
10	353	7	233								
2	40	2	40								
5	23	2	4	3	19	25	10	17			17
						3					