

UNITED STATES, BY INDUSTRIES: 1910—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.									
Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.			
Male.	Fe-male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.	
			Maximum month.	Minimum month.		Male.	Fe-male.	Male.	Fe-male.
7,669	4,608	138,331	Do 119,424	Ja 93,512	150,384	141,447	12,887	1,751	319
5,082	2,946	105,957	De 4,984	Ja 3,241	119,342	107,594	10,143	1,374	231
1,122	116	3,892	De 14,444	Ap 11,477	5,073	3,834	1,023	149	67
1,335	950	12,827	De 17,997	Ja 13,910	14,429	13,668	683	74	6
1,130	686	15,655	Do 5,670	Ja 4,012	17,540	16,353	1,018	154	4
137	73	5,075	Ja 1,833	Oc 1,557	5,365	4,483	813	34	30
88	49	1,665	Do 2,905	Jy 2,478	1,585	1,504	82	-----	7
1,005	593	9,795	De 5,106	Ja 3,758	11,148	8,565	2,351	138	94
98	185	2,609	De 2,581	My 2,178	2,887	1,100	1,587	57	77
585	256	4,320	De 612	Ja 403	5,073	4,504	467	45	7
290	143	2,351	Do 44,280	Mh 41,549	2,572	2,289	248	25	10
32	27	609	Ja 4,238	My 3,450	616	546	59	11	12
11,088	5,881	42,908	Ja 1,493	My 1,155	44,280	44,058	200	22	13
719	380	5,589	De 4,976	Ja 3,14	5,838	5,466	357	14	1
267	208	3,819	De 6,907	Ja 5,109	3,888	3,557	317	13	1
348	133	1,333	Ja 11,069	My 7,605	1,450	1,426	23	1	16
104	39	437	De 11,023	Mh 9,984	500	483	17	-----	17
2,042	1,596	77,520	No 85,416	Jy 65,055	93,320	81,214	10,410	1,415	281
383	348	6,480	De 4,078	Ja 3,14	7,445	5,502	1,790	80	55
7	16	409	De 6,907	Ja 5,109	481	179	294	-----	8
376	332	6,071	Ja 11,069	My 7,605	6,904	5,323	1,505	80	47
173	194	8,986	De 11,023	Mh 9,984	10,133	1,210	8,555	76	283
601	288	10,685	Se 6,076	Ap 3,925	11,459	4,753	6,226	201	270
328	137	7,795	Oc 3,380	Jy 2,052	9,737	8,795	933	7	1
219	77	5,009	De 1,035	Je 890	5,611	4,903	708	-----	24
109	60	2,786	De 1,035	Je 890	4,126	3,893	225	7	1
271	137	4,264	No 3,212	Jy 2,606	4,490	3,992	491	7	-----
209	103	3,050	Fe 1,289	Jy 1,116	3,266	2,898	361	7	-----
62	34	1,208	De 1,035	Je 890	1,224	1,094	130	-----	28
17	36	950	De 1,035	Je 890	1,042	480	542	13	7
122	65	644	De 690	Mh 615	700	655	45	-----	31
66	41	497	Se 575	Mh 454	641	610	31	-----	32
484	101	6,647	-----	-----	6,684	6,438	213	33	-----
136	61	2,971	Ja 3,120	No 2,872	2,968	2,828	135	5	-----
202	104	2,863	Au ¹ 2,988	My 2,772	2,913	2,817	68	28	-----
56	26	813	Ap 859	No 762	803	793	10	-----	35
11	7	674	Ap 775	De 556	563	559	4	-----	37
23	17	425	Oc 478	Ap 373	460	236	222	1	-----
94	96	1,084	No 1,144	Ja 987	1,135	288	832	3	12
1	2	64	Jy 82	No 53	61	22	30	4	5
256	220	1,719	De ¹ 1,776	Ja 1,667	1,776	1,426	290	50	10
2,019	2,385	42,505	-----	-----	47,585	38,360	8,283	646	296
172	254	4,716	De 4,856	Ja 4,625	4,994	3,814	1,031	84	65
834	851	15,507	De 17,798	Ap 14,131	17,837	14,530	3,026	219	62
13	21	508	De 558	Fe 431	572	456	68	38	10
236	108	6,997	Au 7,631	Ja 5,794	7,689	6,673	996	15	5
764	1,061	14,777	De 10,424	Ja 13,902	16,493	12,887	3,162	290	154
141	113	3,675	No 3,835	Ap 3,599	3,857	3,238	588	22	9
106	76	3,009	De 3,013	Ap 2,100	3,602	2,238	1,316	16	32
534	289	7,539	De 8,618	Jy 6,789	8,721	5,608	3,058	24	31

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

		PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.						
		Number of establishments.	Proprietors and officials.					
INDUSTRY.	Total.		Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.	
			Male.	Female.				
1	Hats, fur-felt.....	176	20,318	634	46	148	210	322
2	Hats, straw.....	148	8,527	450	53	121	153	224
3	Hats, wool-felt.....	40	1,048	99	6	43	18	44
4	Hones and whetstones.....	11	262	21	.....	6	7	8
5	Horseshoes, not made in steel works or rolling mills.	20	919	62	1	11	27	25
6	House-furnishing goods, not elsewhere specified.	467	10,010	912	76	417	236	335
7	Comforts and quilts.....	74	1,892	154	9	62	43	58
8	Feather pillows and beds.....	44	870	98	6	39	29	30
9	Cotton batting, not made in cotton mills	9	268	26	1	8	8	11
10	Mops and dusters.....	75	749	107	8	55	27	33
11	All other.....	265	6,231	527	52	253	129	197
12	Ice, manufactured.....	2,897	38,605	5,260	179	1,566	1,736	2,137
13	Ink, printing.....	90	3,061	285	14	50	117	132
14	Ink, writing.....	61	1,216	129	9	55	36	47
15	Instruments, professional and scientific.....	351	19,787	1,121	55	248	328	600
16	Medical and surgical.....	127	4,857	351	25	91	114	171
17	Optical.....	13	732	35	.....	12	8	15
18	All other.....	211	14,198	735	30	145	206	414
19	Iron and steel, blast furnaces.....	195	46,956	1,368	14	41	222	1,119
20	Iron and steel, steel works and rolling mills.....	500	421,861	9,673	33	35	1,150	8,521
21	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	144	20,006	697	11	39	259	410
22	Iron and steel, cast-iron pipe.....	59	13,777	423	4	4	108	315
23	Iron and steel, doors and shutters.....	57	2,660	214	4	22	90	97
24	Iron and steel, forgings, not made in steel works or rolling mills.	241	32,617	1,337	11	59	428	861
25	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	65	3,941	181	7	32	75	81
26	Cut nails and spikes.....	6	684	25	.....	3	10	12
27	Wire nails and spikes.....	23	963	77	3	13	38	29
28	Forged nails and spikes.....	6	426	15	.....	3	6	6
29	All other, including tacks.....	25	1,868	64	4	13	21	34
30	Iron and steel, tempering and welding.....	520	2,867	769	12	563	122	96
31	Treated iron and steel.....	35	695	92	.....	25	39	28
32	Welding.....	485	2,172	677	12	538	83	68
33	Iron and steel, wrought pipe.....	50	11,783	331	3	13	92	229
34	Ivory, shell, and bone work, not including combs and hairpins.	44	991	73	11	45	18	21
35	Japanning.....	36	367	59	1	41	12	7
36	Jewelry.....	2,054	39,630	4,113	148	2,339	942	980
37	Jewelry and instrument cases.....	142	3,166	265	14	146	67	66
38	Jute goods.....	26	7,587	148	1	13	29	107
39	Knit goods.....	2,050	186,673	6,224	474	1,488	1,933	3,277
40	Labels and tags.....	119	6,648	417	24	73	143	225
41	Lamps and reflectors.....	171	9,734	570	21	116	177	298
42	Automobile lamps.....	35	3,586	185	2	16	46	125
43	All other lamps.....	122	5,760	356	17	92	118	163
44	Reflectors.....	14	388	20	2	8	13	10
45	Lapidary work.....	124	1,469	217	7	147	40	37
46	Lard, not made in slaughtering and meat-packing establishments.	6	30	7	.....	7	.....	.....
47	Lasts.....	64	3,344	221	7	43	65	120
48	Lead, bar, pipe, and sheet.....	32	1,124	69	3	4	21	47
49	Leather goods, not elsewhere specified.....	503	11,141	997	54	488	281	282

1 Same number reported for one or more other months.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.												
Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.						
Male.	Female.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.				
			Maximum month.	Minimum month.		Male.	Female.	Male.	Female.			
714	414	18,510	De 20,947	Ap 16,353	21,132	14,985	5,758	204	185	1	2	1
519	203	7,302	Fe 3,494	Jy 5,808	8,689	3,328	5,289	29	40	2	3	2
76	19	1,448	Au 1,223	Ja 910	1,635	1,093	516	12	14	3	4	3
71	12	712	Au 225	Fe 197	223	197	26	25	.....	4	5	4
17	41	244	Ja 915	Jy 602	833	803	10	25	.....	5	6	5
719	450	7,863	.....	.....	8,998	3,523	5,247	78	150	6	7	6
74	53	1,602	Se 1,852	Fe 1,308	1,828	776	1,007	17	28	7	8	7
135	42	589	No ¹ 643	Ap 536	645	435	207	2	1	8	9	8
15	8	218	No 272	Mh 166	266	152	114	.....	.....	9	10	9
57	40	528	Oc 697	Fe 456	600	267	304	14	15	10	11	10
438	298	4,016	De 5,002	Ja 4,072	5,659	1,893	3,615	45	106	11	12	11
1,874	1,045	30,247	Jy 41,078	Ja 20,706	31,101	30,654	258	187	2	12	13	12
503	271	1,988	Do 2,188	Mh 1,886	2,180	2,104	345	12	.....	13	14	13
222	154	702	Au ¹ 753	Fe 638	753	376	345	11	21	14	15	14
1,502	1,178	15,931	.....	.....	16,324	12,482	3,610	162	70	15	16	15
389	321	3,771	My 3,842	Se 3,596	3,843	2,007	798	92	46	16	17	16
30	28	639	De 688	Ja 592	606	539	143	12	2	17	18	17
1,083	820	11,521	Ja 11,948	Ap 11,111	11,785	9,036	2,669	58	22	18	19	18
3,081	883	41,600	Ja 51,467	Oc 33,628	46,460	46,402	54	.....	.....	19	20	19
28,304	8,763	375,088	Ja 441,560	Oc 292,469	400,620	396,741	3,695	171	13	20	21	20
715	616	17,967	Ja 19,585	Oc 16,624	18,384	15,534	2,688	185	27	21	22	21
549	176	12,625	De 15,585	Mh 9,753	15,651	15,542	72	37	.....	22	23	22
246	119	2,077	No 2,337	Ap 1,792	2,347	2,311	34	2	.....	23	24	23
1,856	1,022	28,391	Ja 30,564	Je 20,650	30,645	29,509	1,010	119	7	24	25	24
259	139	3,355	.....	.....	3,650	2,649	946	23	32	25	26	25
117	31	511	Ja 581	No 466	486	276	179	10	21	26	27	26
32	37	814	Ja 906	Je 734	880	672	197	3	8	27	28	27
47	5	359	No 384	Jy 335	382	267	125	.....	.....	28	29	28
63	66	1,671	De 1,887	Au 1,224	1,902	1,444	445	10	3	29	30	29
143	108	1,835	.....	.....	2,075	2,047	23	5	.....	30	31	30
52	23	528	De 674	Mh 427	665	654	10	1	.....	31	32	31
91	85	1,307	No 1,414	Ja 1,188	1,410	1,393	13	4	.....	32	33	32
681	342	10,426	Se 11,805	My 9,352	11,895	11,806	88	.....	1	33	34	33
27	38	842	De 894	My ¹ 779	891	671	193	18	9	34	35	34
7	5	295	No 367	Ja 235	357	334	18	5	.....	35	36	35
1,965	2,533	30,871	De 32,817	Ja 27,152	34,656	23,372	10,270	573	441	36	37	36
78	75	2,734	De 3,057	Ja 2,389	3,114	1,175	1,695	81	163	37	38	37
189	111	7,138	Au 7,513	Ap 6,702	7,486	3,351	3,881	110	144	38	39	38
3,718	3,685	172,572	De 186,423	Mh 160,435	187,746	52,134	125,440	2,998	7,234	39	40	39
406	574	5,227	De 5,927	Fe 4,769	5,932	3,351	2,443	51	87	40	41	40
407	376	8,360	.....	.....	9,512	7,113	2,314	47	38	41	42	41
100	105	3,194	Se 3,040	Fe 2,733	3,302	2,686	614	2	.....	42	43	42
282	254	4,851	De 5,846	Mh 4,239	5,865	4,100	1,689	39	37	43	44	43
25	17	315	Ja ¹ 350	Au 277	345	327	11	6	1	44	45	44
49	41	1,155	Oc ¹ 1,212	Ja 1,081	1,224	988	216	20	.....	45	46	45
7	3	133	(²) 13	(²) 13	13	11	2	.....	.....	46	47	46
123	83	2,910	De 3,258	Ja 2,301	3,306	3,019	66	200	21	47	48	47
145	55	852	Au 931	Mh 739	909	896	4	8	1	48	49	48
718	427	8,945	No 10,153	Ja 8,019	10,076	6,130	3,679	123	144	49	50	49

¹ Same number reported throughout the year.

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
			Total.	Proprietors and officials.				
				Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
				Male.	Female.			
1	Leather, tanned, curried, and finished.....	680	79,292	3,187	69	398	816	2,042
2	Lime.....	476	12,855	922	34	349	252	355
3	Linen goods.....	10	2,070	42	2	.....	11	33
4	Liquors, distilled.....	34	1,741	144	1	2	52	91
5	Alcohol, grain, including pure, neutral, or cologne spirits.	28	1,588	125	1	1	44	81
6	Rum, whisky, and other distilled liquors.	6	153	19	.....	1	8	10
7	Liquors, malt.....	729	42,679	3,123	78	193	1,431	1,577
8	Liquors, vinous.....	342	1,661	471	19	364	45	81
9	Lithographing.....	331	19,305	1,235	49	150	537	597
10	Locomotives, not made by railroad companies.	17	28,742	325	1	1	56	209
11	Looking-glass and picture frames.....	429	5,929	663	30	398	140	155
12	Lubricating greases.....	53	1,038	118	7	19	52	54
13	Lumber and timber products.....	26,119	538,788	44,154	560	31,348	4,406	8,900
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	5,309	106,481	10,933	292	4,430	3,152	3,643
15	Machine tools.....	403	61,762	2,425	40	132	637	1,666
16	Malt.....	55	1,713	180	9	8	100	81
17	Marble and stone work.....	4,240	42,214	6,825	170	4,774	1,072	1,149
18	Monuments and tombstones.....	3,256	19,637	4,747	127	3,919	446	509
19	Other marble and stone work, except slate.	861	18,574	1,780	35	758	523	534
20	Roofing slate.....	71	2,814	201	4	59	70	76
21	Other slate products.....	52	1,189	97	4	38	33	30
22	Matches.....	21	5,126	217	2	3	34	182
23	Mats and matting, from cocoa fiber, grass, and coir.	12	1,173	46	1	7	13	27
24	Mattresses and spring beds, not elsewhere specified.	1,041	16,244	1,928	91	983	510	526
25	Millinery and lace goods, not elsewhere specified.	3,005	61,999	5,023	928	3,412	1,105	1,434
26	Embroideries.....	1,294	17,517	1,858	338	1,548	272	376
27	Trimmed hats and hat frames.....	829	27,350	1,706	354	877	512	671
28	Dress and cloak trimmings, braids, and fringes.	156	2,540	268	33	185	53	63
29	Women's neckwear.....	150	4,305	273	82	140	89	126
30	All other.....	576	10,287	918	121	662	179	198
31	Millstones.....	12	57	18	.....	16	.....	2
32	Mineral and soda waters.....	5,194	28,351	7,725	291	5,613	1,079	1,324
33	Mineral and carbonated waters.....	5,025	26,397	7,417	282	5,467	1,005	1,237
34	Fruit beverages.....	84	1,344	170	3	54	51	68
35	All other.....	85	610	138	6	102	23	19
36	Minerals and earths, ground or otherwise treated.	419	16,110	940	30	176	333	470
37	Mirrors, framed and unframed, not elsewhere specified.	186	3,302	363	22	154	119	112
38	Models and patterns, not including paper patterns.	928	8,860	1,477	25	1,078	217	207
39	Motorcycles, bicycles, and parts.....	51	12,200	385	7	16	85	291
40	Mucilage, paste, and other adhesives, not elsewhere specified.	127	1,374	236	20	96	104	56
41	Mucilage and paste.....	48	501	84	4	39	29	20
42	All other.....	79	873	152	10	57	75	36
43	Musical instruments and materials, not elsewhere specified.	240	4,957	410	8	223	67	128
44	Musical instruments, organs.....	68	2,285	170	7	56	60	61
45	Musical instruments, pianos.....	191	25,760	805	31	33	352	421

¹ Same number reported for one or more other months.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.											
Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.					
Male.	Fe-male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.			
			Maximum month.	Minimum month.		Male.	Fe-male.	Male.	Fe-male.		
2,267	1,293	72,476	De 79,010	Fe 65,515	79,205	72,257	6,507	330	111	2	1
325	189	11,405	Se 12,143	Fe 10,370	12,052	11,996	26	30	.....	2	8
73	63	1,890	De 2,079	Je 1,798	2,053	875	1,002	67	109	3	3
129	87	1,380	.....	.....	2,001	1,956	13	1	1	4	5
121	78	1,263	De 1,705	Je 946	1,868	1,863	3	1	1	5	6
8	9	117	Fe 158	Aug 57	133	123	10	.....	.....	6	7
4,472	747	34,250	Jy 38,955	De 29,187	31,220	30,867	331	22	.....	7	8
108	52	1,011	Oct 1,951	Jy 671	1,552	1,473	75	4	.....	8	9
1,470	933	15,018	De 16,850	Je 14,743	16,810	13,223	3,422	110	55	9	10
1,449	252	26,716	Ja 35,659	De 19,837	19,877	19,784	102	41	.....	10	11
201	237	4,708	No 5,132	Ja 4,060	5,042	4,236	724	74	8	11	12
283	153	472	Se 504	Ap 440	475	452	21	2	.....	12	13
9,860	3,269	480,045	De 548,655	Ja 427,802	626,472	620,267	5,280	364	61	13	14
5,611	2,689	86,950	No 97,035	Fe 74,362	97,740	95,098	2,163	459	20	14	15
3,098	2,483	53,111	De 58,640	My 49,515	58,776	56,618	2,035	121	2	15	16
139	33	1,352	Aug 1,677	Ja 1,045	1,968	1,368	7	3	.....	16	17
1,736	715	32,768	.....	.....	30,580	36,424	90	59	7	17	18
1,034	422	13,307	Oct 14,165	Ja 11,287	14,093	14,025	38	23	7	18	19
647	257	15,855	Se 18,558	Ja 11,004	18,592	18,542	34	16	.....	19	20
31	20	2,558	Jy 2,848	Ja 2,047	2,792	2,787	.....	5	.....	20	21
24	16	1,048	De 1,120	Fe 955	1,103	1,070	18	15	.....	21	22
1,018	163	3,726	De 4,776	Je 2,804	4,806	3,073	1,548	92	93	22	23
37	16	1,073	De 1,292	Jy 893	1,291	890	384	3	14	23	24
1,064	524	12,637	Oct 13,957	Ja 10,767	13,925	10,881	2,808	192	44	24	25
2,874	2,324	50,850	.....	.....	55,786	13,733	41,146	197	710	25	26
534	504	14,283	De 15,335	Ja 13,183	15,607	3,592	11,773	55	187	26	27
1,470	1,158	22,662	Fe 25,774	Oct 19,625	25,353	7,274	17,736	88	255	27	28
147	95	1,997	De 2,305	Ap 1,634	2,325	767	1,528	6	24	28	29
323	232	3,395	Mh 3,558	Ja 3,141	3,373	360	2,954	7	52	29	30
400	335	8,513	No 8,940	Mh 7,950	9,128	1,740	7,155	41	192	30	31
1	.....	38	Jy 49	Ja ¹ 30	52	52	.....	.....	.....	31	32
1,960	935	17,440	.....	.....	17,481	16,411	685	380	5	32	33
1,723	776	16,199	Jy 20,257	Ja 12,784	16,184	15,295	505	379	5	33	34
167	130	868	Oct 1,445	Ja 599	904	746	158	.....	.....	34	35
70	23	373	Jy 480	Ja 267	393	370	22	1	.....	35	36
428	277	14,426	Aug 15,285	Fe 13,599	15,162	15,005	140	14	3	36	37
181	137	2,599	De 2,922	Ja 2,271	2,921	2,624	263	33	1	37	38
204	205	6,949	De 8,036	Ja 6,148	8,043	7,803	189	50	1	38	39
460	462	10,886	De 11,653	Fe 10,166	11,616	10,357	1,121	86	52	39	40
163	152	803	.....	.....	837	636	184	13	4	40	41
57	55	301	Aug 328	Ja 271	306	251	52	3	.....	41	42
106	97	502	De 522	Mh 475	531	385	132	10	4	42	43
166	260	4,113	De 4,377	Ja 3,853	4,361	3,513	774	50	24	43	44
84	83	1,941	De 2,111	Ja 1,770	2,132	1,850	235	41	6	44	45
1,168	799	22,957	Se 24,719	Oct 20,902	24,665	22,131	2,162	287	85	45	46

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
			Total.	Proprietors and officials.				
				Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
				Male.	Female.			
1	Musical instruments, piano and organ materials.	113	11,886	372	27	38	153	208
2	Piano materials.	97	11,588	339	21	25	144	191
3	Organ materials.	16	298	33	6	13	9	17
4	Needles, pins, and hooks and eyes.	92	10,389	422	10	39	119	274
5	Nets and seines.	19	943	46	3	5	16	28
6	Oakum.	6	154	19		8	7	4
7	Oil and cake, cottonseed.	711	32,193	2,825	29	145	689	2,020
8	Oil, essential.	78	493	122	1	74	15	34
9	Oil, linseed.	26	2,751	116	1	4	43	65
10	Oil, not elsewhere specified ¹ .	280	8,611	827	25	89	341	422
11	Vegetable.	68	3,338	252	6	22	84	152
12	Animal.	46	1,100	95	4	10	51	38
13	Mineral.	39	479	99	2	22	43	39
14	Composite.	127	3,694	381	13	35	163	196
15	Oilcloth and linoleum, floor.	21	6,254	200		3	51	146
16	Oilcloth, enameled.	11	1,319	90	1	1	15	42
17	Oleomargarine and other butter substitutes.	42	3,898	184	5	1	59	120
18	Optical goods.	506	18,807	1,336	36	494	304	574
19	Ordinance and accessories.	26	13,600	440	3	8	90	350
20	Paints.	601	26,645	2,007	70	226	741	1,200
21	Paper and wood pulp.	729	124,935	3,601	116	171	1,312	2,534
22	Paper exclusively.	497	56,796	2,261	67	143	835	1,350
23	Pulp exclusively.	61	6,300	209	1	21	56	133
24	Paper and pulp.	171	61,830	1,431	48	7	421	1,081
25	Paper goods, not elsewhere specified.	308	17,177	960	46	124	307	485
26	Playing cards.	8	2,041	54		2	25	27
27	All other.	300	15,136	906	46	122	372	458
28	Paper patterns.	19	502	30	11	11	12	18
29	Patent medicines and compounds.	2,467	31,070	4,197	476	1,048	1,465	1,560
30	Patent and proprietary medicines.	1,724	24,830	2,991	375	1,144	1,025	1,197
31	Patent and proprietary compounds, not elsewhere specified.	743	7,140	1,206	101	504	440	303
32	Paving materials.	889	18,642	1,657	31	647	418	623
33	Peanuts, grading, roasting, cleaning, and shelling.	78	2,805	182	10	57	47	88
34	Pencils, lead.	12	6,713	75	6		42	39
35	Pens, fountain and stylographic.	56	3,937	187	5	40	57	95
36	Pens, gold.	15	456	30		13	11	6
37	Pens, steel.	4	894	13	1	1	8	5
38	Perfumery and cosmetics.	569	9,446	949	184	373	394	366
39	Petroleum, refining.	320	73,473	2,778	29	59	510	2,238
40	Phonographs and graphophones.	166	33,826	881	21	43	234	625
41	Photo-engraving.	422	9,198	953	42	264	454	277
42	Photographic apparatus.	68	3,087	178	9	31	53	103
43	Cameras.	12	1,010	36	2	6	7	19
44	Motion-picture machines.	18	1,048	62	2	6	19	39
45	All other apparatus and parts.	38	1,029	86	5	19	27	45
46	Photographic materials.	169	19,745	935	26	76	178	707
47	Motion-picture films, not exposed.	15	11,460	472	15	6	5	476
48	Motion-picture projection films.	50	6,439	239	6	14	67	164
49	All other.	104	1,846	224	5	56	106	67
50	Pickles, preserves, and sauces.	723	21,381	1,661	113	549	449	776
51	Preserves.	195	8,546	510	55	112	181	272
52	Pickles and sauces.	528	12,835	1,151	58	437	268	504
53	Pipes, tobacco.	56	2,902	132	16	54	24	70

¹ Includes "oil, castor" and "oil, lard," to avoid disclosing individual operations.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.									
Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.			
Male.	Fe-male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.	
			Maximum month.	Minimum month.		Male.	Fe-male.	Male.	Fe-male.
230	248	11,009			11,953	8,677	3,048	137	91
224	235	10,769	Au 11,717	Ja 8,802	11,693	8,501	2,070	134	88
0	13	240	No 261	Jy 205	260	176	78	3	3
299	304	9,204	De 10,052	My 8,823	9,839	4,670	4,746	119	304
16	19	859	Fe 918	Oc 749	857	199	612	4	42
8	3	124	Fe 151	Oc 89	132	130		2	6
2,112	461	26,766	No 36,567	Jy 16,333	37,142	36,185	778	179	7
28	21	321	Au 396	My 274	460	441	25	3	8
205	166	2,173	Jy 2,465	Mh 1,825	2,318	2,203	55		9
1,199	630	5,930			7,011	6,332	678	1	10
191	87	2,802	De 3,333	Fe 2,548	3,268	2,682	586		11
64	46	891	Oc 1,421	Ap 403	1,367	1,359	8		12
104	34	240	Au 303	Mh 174	293	292			13
840	463	1,997	Se 2,079	Mh 1,854	2,083	1,990	83	1	14
415	225	5,414	De 6,539	Mh 4,030	6,463	5,113	325	23	2
93	35	1,130	De 1,323	Ja 872	1,325	1,195	115	6	10
533	295	2,851	De 3,405	Je 2,343	3,521	2,500	923		16
1,209	1,503	14,723	Fe 15,230	Jy 14,139	15,222	10,149	4,570	327	17
1,249	568	11,328	Ja 19,435	Au 7,974	12,930	12,120	808	2	18
4,735	2,258	17,485	De 18,796	Fe 16,070	18,716	16,931	1,724	41	19
4,500	2,650	113,759			122,139	111,121	10,852	88	20
1,978	1,447	51,043	De 54,882	Ap 47,431	55,650	47,117	8,393	69	71
212	80	5,807	No 6,199	Mh 5,303	6,385	6,369	10		21
2,310	1,132	59,909	No 59,703	Ap 54,776	60,104	57,635	2,443	19	22
1,076	980	14,135			15,358	9,492	5,594	70	23
77	78	1,832	Mh 1,945	Se 1,747	1,906	796	1,088	9	24
999	882	12,903	De 13,517	Ap 11,418	13,452	8,726	4,500	61	25
10	48	403	Ap 423	Ja 381	391	136	252		26
5,915	3,938	17,444			18,796	9,002	9,418	137	27
4,540	3,136	13,788	No 14,733	Jy 13,000	14,692	6,349	7,996	124	28
1,375	802	3,656	Ja 4,042	Oc 3,246	4,104	2,653	1,422	13	29
695	187	16,072	Au 19,912	Fe 10,119	18,920	18,899	6	15	30
94	59	2,490	De 2,931	Oc 1,807	3,007	1,955	1,933	2	31
371	291	5,970	De 6,196	Ja 5,629	6,198	2,818	3,128	60	32
346	192	3,207	De 3,529	Fe 2,973	3,587	2,207	1,320	43	33
0	4	410	Au 468	Fe 369	458	416	40	2	34
41	32	807	Mh 876	Au 748	760	138	596	5	35
1,104	1,714	5,405	No 6,162	Ja 4,721	6,076	1,840	4,102	46	36
9,031	2,740	58,889	De 62,599	Ja 54,342	62,660	61,492	1,126	42	37
2,269	1,934	28,721	De 35,180	Ja 23,997	35,184	27,512	7,603	58	38
978	456	6,769	De 7,337	Ja 6,164	7,387	6,895	378	107	39
186	159	2,555			3,022	2,471	515	19	40
71	65	842	No 939	Ja 683	916	638	277		41
89	37	858	De 1,080	Ja 695	1,080	1,067	13		42
26	57	855	De 1,019	Ja 763	1,026	766	225	19	43
2,237	1,991	14,556			15,935	11,170	4,693	60	44
602	650	9,652	De 10,577	Ja 8,240	10,575	7,222	3,338	7	45
1,403	1,145	3,616	Oc 4,104	Ja 3,143	4,090	3,153	925	12	46
172	187	1,258	Ap 1,311	Se 1,194	1,270	795	430	41	47
1,990	906	16,621			19,284	9,300	9,514	159	48
635	307	7,039	Se 8,722	Ap 5,511	8,145	3,476	4,598	21	49
1,355	689	9,582	Se 14,310	Mh 7,554	11,139	5,824	4,616	138	50
125	90	2,539	De 2,786	Se 2,201	2,785	2,208	556	7	51

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		Number of establishments.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
			Total.	Proprietors and officials.				
				Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
				Male.	Female.			
1	Plated ware.....	68	11,459	393	11	24	97	283
2	Knives, forks, spoons, and other flatware.....	18	7,783	227	3	1	35	194
3	Hollow ware.....	30	2,081	103	6	12	37	63
4	All other.....	20	995	60	2	11	25	26
5	Plumbers' supplies, not elsewhere specified.	214	16,162	849	18	79	276	512
6	Pocketbooks.....	139	3,497	282	9	168	63	60
7	Pottery.....	340	30,692	1,340	49	183	400	806
8	China ware.....	161	25,840	975	25	27	308	667
9	Earthen and stone ware.....	147	3,256	283	15	136	70	92
10	All other.....	32	1,596	82	9	20	24	47
11	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	106	2,337	346	10	176	51	129
12	Printing and publishing, book and job.....	13,089	171,199	21,645	1,111	12,185	4,990	5,581
13	Job printing.....	11,951	148,632	19,385	917	11,423	4,214	4,065
14	Book publishing and printing.....	142	7,913	425	27	90	139	223
15	Book publishing without printing.....	687	11,102	1,313	144	368	531	558
16	Linotype work and typesetting.....	309	3,552	522	23	304	106	135
17	Printing and publishing, music.....	160	2,622	290	15	107	106	92
18	Printing and publishing.....	27	992	58	2	13	26	21
19	Publishing without printing.....	133	1,630	232	13	94	80	71
20	Printing and publishing, newspapers and periodicals.....	17,362	228,630	28,685	2,175	14,570	5,109	11,091
21	Printing and publishing.....	1,346	90,244	5,037	332	689	1,089	3,591
22	Printing, publishing, and job printing.....	12,420	111,317	18,644	1,198	12,307	2,028	4,907
23	Publishing without printing.....	3,596	27,069	5,004	645	1,574	1,482	2,593
24	Printing materials.....	82	1,035	143	7	41	67	42
25	Pulp, from fiber other than wood.....	5	80	12	.....	6	3	3
26	Pulp goods.....	40	3,984	184	7	11	60	120
27	Wall board.....	10	1,088	63	2	1	16	48
28	All other.....	30	2,896	121	5	10	44	72
29	Pumps, not including power pumps.....	127	7,020	555	8	78	140	345
30	Pumps, steam and other power.....	112	13,286	621	12	36	186	411
31	Steam.....	62	10,246	431	9	21	106	313
32	Other power.....	50	3,040	190	3	15	80	98
33	Refrigerators.....	122	6,994	425	9	72	147	215
34	Regalia, and society badges and emblems.....	115	2,019	212	24	90	61	85
35	Rice, cleaning and polishing.....	86	3,249	641	2	40	84	519
36	Roofing materials.....	178	11,805	652	11	79	182	402
37	Metal shingles and ceiling.....	29	904	62	2	16	27	21
38	All others.....	149	11,201	590	9	63	155	381
39	Rubber tires, tubes, and rubber goods, not elsewhere specified.	437	160,824	4,043	60	97	809	3,206
40	Rules, ivory and wood.....	13	209	20	.....	9	7	4
41	Saddlery and harness.....	1,823	14,863	2,621	75	1,946	331	419
42	Safes and vaults.....	38	3,582	158	4	16	60	86
43	Safes.....	21	2,374	98	3	9	37	55
44	Vaults.....	17	1,208	60	1	7	23	31
45	Salt.....	86	7,682	341	16	40	109	208
46	Sand and emery paper and cloth.....	12	1,102	74	.....	3	27	44
47	Sand-lime brick.....	32	600	63	1	3	25	36

1 Same number reported for one or more other months.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.									
Clerks.		Wage earners.			Wage earners employed Dec. 15, or nearest representative day.				
Male.	Fe- male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.	
			Maximum month.	Minimum month.		Male.	Fe- male.	Male.	Fe- male.
783	780	9,492	Do	Ja	10,861	8,633	2,103	73	52
566	621	6,366	Do	Ja	7,480	5,729	1,670	38	43
159	113	2,297	No	Ja	2,514	2,209	271	20	5
58	46	829	No	Ja	867	695	162	6	4
1,038	665	13,502	Do	Ap	16,708	15,512	1,037	147	12
180	121	2,905	No	Ja	3,190	1,602	1,497	33	58
748	621	27,934	Do	Fe	30,702	22,747	7,579	247	129
504	513	23,733	Do	Fe	26,181	18,960	6,885	223	113
85	70	2,803	Fe	Se	2,628	2,640	276	11	1
69	38	1,393	De	Ja	1,503	1,147	418	13	15
186	155	2,140	Do	Mh	3,012	2,682	1,211	9	10
12,916	12,522	123,005	Do	Ja	134,379	97,732	33,433	2,401	813
7,591	6,838	113,901	De	Ja	124,794	61,264	30,543	2,248	739
911	897	5,653	De	Ja	5,868	3,524	2,209	77	58
4,310	4,622	713	Oc	De	722	356	345	9	12
104	165	2,738	De	Ja	2,995	2,588	336	67	4
843	575	899	Do	Ja	952	744	200	7	1
52	65	815	De	Ja	860	705	148	6	1
701	510	84	De	Se	92	39	52	1	19
45,102	32,287	120,381	Do	Ja	126,210	100,559	21,129	4,244	287
23,291	11,931	49,653	De	Ja	51,977	45,091	5,357	1,455	74
13,154	9,932	68,389	De	Ja	71,863	53,846	15,077	2,743	197
8,667	10,424	2,339	De	Ja	2,879	1,622	695	46	16
89	73	723	No	Ja	728	683	43	2	24
417	335	3,041	Je	De	70	54	16	11	20
247	189	587	De	Ja	3,676	3,079	566	11	26
170	146	2,454	De	Ja	722	662	60	11	20
1,193	480	5,384	De	Ja	2,954	2,417	506	43	20
1,179	786	10,688	Do	Ja	6,065	5,668	183	171	4
833	502	8,471	Ja	Oc	10,991	10,683	260	44	31
346	284	2,217	De	Ap	8,453	8,210	215	26	2
506	268	5,786	De	Au	2,538	2,473	45	18	32
234	226	2,223	No	Ja	6,438	6,142	200	34	2
438	65	2,113	De	Jy	2,368	887	1,440	12	23
1,512	759	8,871	Do	Ja	3,432	3,390	39	3	35
55	30	455	Se	Fe	10,137	9,709	413	9	6
1,457	729	8,416	Oc	Fe	458	436	19	3	37
25,712	11,152	119,848	Oc	Ja	9,679	9,273	394	6	6
11	10	163	No	My	138,081	121,006	16,330	454	291
1,330	426	10,411	De	Ja	191	133	44	13	1
309	162	2,049	De	Fe	11,099	10,078	960	52	9
223	111	1,939	De	Fe	3,379	3,311	53	15	42
86	51	1,010	De	Ap	2,242	2,206	32	4	43
595	235	6,495	Oc	My	1,137	1,105	21	11	44
178	79	771	Oc	Mh	7,023	6,514	481	17	11
20	12	504	No	Ja	896	781	95	20	46
					691	689	2		47

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
		Total.	Proprietors and officials.				
			Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
			Male.	Female.			
1 Sausage, not made in slaughtering and meat-packing establishments.	633	4,994	919	31	704	128	118
2 Sausage.	547	3,903	781	27	608	110	90
3 Sausage casings.	86	1,091	138	4	90	18	28
4 Saws.	112	6,704	295	9	83	96	125
5 Scales and balances.	79	6,821	296	15	38	89	184
6 Screws, machine.	143	11,621	616	12	71	199	358
7 Screws, wood.	11	5,439	135	2	.....	35	102
8 Sewing-machine cases.	5	4,582	233	1	2	6	220
9 Sewing machines and attachments.	40	17,049	455	6	16	62	383
10 Sewing machines.	29	16,420	413	2	7	54	354
11 Attachments.	11	629	42	4	9	8	29
12 Shipbuilding, steel.	162	365,875	5,903	13	21	442	5,453
13 New vessels.	105	342,164	5,443	8	6	348	5,097
14 Concrete vessels.	5	2,491	43	1	.....	4	40
15 Repair work only.	45	20,966	388	3	11	79	301
16 Small boats.	7	254	29	1	4	11	15
17 Shipbuilding, wooden, including boat building.	913	47,361	2,255	24	795	433	1,051
18 New vessels.	315	36,672	1,265	9	210	291	773
19 Repair work only.	277	8,554	540	7	245	88	214
20 Small boats.	204	1,961	409	6	813	48	54
21 Masts, spars, oars, and rigging.	27	184	41	2	27	6	10
22 Shirts.	896	45,274	2,138	278	2	949	1,066
23 Show cases.	119	2,293	266	2	112	81	75
24 Signs and advertising novelties.	779	14,832	1,441	54	624	382	489
25 Electric signs.	65	1,541	161	10	41	53	77
26 Other signs.	544	4,465	783	13	489	162	145
27 Advertising novelties.	170	8,626	497	31	94	107	287
28 Silk goods, including throwsters.	1,369	136,775	4,442	220	1,011	1,163	2,488
29 Finished products.	1,040	105,060	3,437	162	807	865	1,927
30 Throwsters and winders.	329	31,115	1,005	58	204	298	561
31 Silversmithing and silverware.	99	7,599	309	15	58	121	145
32 Slaughtering and meat packing.	1,304	197,392	6,665	74	1,071	1,048	4,620
33 Slaughtering.	604	8,789	1,144	15	630	261	268
34 Meat packing.	142	7,676	437	19	127	89	240
35 Slaughtering and meat packing.	558	180,927	5,084	40	314	698	4,112
36 Smelting and refining, copper.	34	10,654	510	7	.....	58	450
37 Smelting.	21	9,029	242	4	.....	34	212
38 Smelting and refining ¹ .	13	10,625	268	3	.....	24	247
39 Smelting and refining, lead.	25	7,354	234	1	1	29	205
40 Smelting.	18	5,487	147	.....	1	11	135
41 Smelting and refining ² .	7	1,897	87	1	.....	18	70
42 Smelting and refining, metals, not elsewhere specified. ³	13	2,360	170	.....	1	27	142
43 Smelting and refining, not from the ore.	81	2,793	274	4	53	84	141
44 Smelting and refining, zinc.	39	14,903	291	1	.....	52	240
45 Pigs, bars, plates, and sheets.	33	13,914	240	1	.....	45	196
46 All other.	6	989	51	.....	.....	7	44
47 Soap.	348	28,919	1,426	100	183	365	978
48 Soda-water apparatus.	66	3,448	236	4	43	69	128
49 Sporting and athletic goods.	188	7,490	416	31	143	113	191

¹ Includes 4 establishments engaged exclusively in refining.² Includes 2 establishments engaged exclusively in refining.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.										
Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.				
Male.	Fe- male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.		
			Maximum month.	Minimum month.		Male.	Fe- male.	Male.	Fe- male.	
381	192	3,471	.....		3,798	3,303	478	11	1	1
300	142	2,653	De 2,905	Ap 2,496	2,902	2,607	225	9	1	2
81	50	818	Do 880	Ap 764	801	636	253	2	.....	3
548	342	5,510	De 5,854	My 5,355	5,871	5,398	364	89	20	4
652	426	5,432	De 5,946	Ja 4,837	6,105	5,777	283	42	.....	5
350	381	10,262	De 11,303	Fe 9,327	11,508	9,787	1,637	78	6	6
159	254	4,889	De 5,242	My 4,617	5,240	3,781	1,369	63	27	7
103	74	4,171	De 4,790	Ap 2,715	4,790	4,293	490	7	.....	8
923	006	15,059	.....		16,398	13,790	2,193	340	45	9
917	589	14,499	De 15,761	Ja 13,525	15,763	13,414	2,059	283	7	10
6	17	660	No 618	My 514	605	376	134	57	38	11
11,610	4,335	344,014	.....		309,273	308,078	972	223	.....	12
10,708	4,128	321,787	My 358,646	De 249,724	284,710	283,600	900	210	.....	13
118	52	2,277	Au 3,322	Fe 1,635	1,839	1,839	.....	.....	.....	14
088	151	19,736	Ja 23,421	Oc 17,654	22,572	22,495	64	13	.....	15
6	4	214	Ja 541	Se 68	152	144	8	.....	.....	16
1,146	504	43,432	.....		45,903	45,803	88	12	.....	17
904	372	34,122	Ja 56,437	De 19,601	35,953	35,884	62	7	.....	18
197	80	7,730	Ap 8,681	No 6,291	8,196	8,187	8	1	.....	19
39	47	1,450	Je 1,724	Ja 1,260	1,619	1,509	16	4	.....	20
6	5	130	Ja 145	Je 123	135	133	2	.....	.....	21
1,995	1,260	39,603	De 45,070	Ap 36,960	46,698	7,711	37,797	223	967	22
106	62	1,857	De 2,031	Ja 1,569	2,048	1,089	55	4	.....	23
1,790	1,115	10,432	.....		11,868	7,146	4,448	122	152	24
240	99	1,031	De 1,227	Ja 791	1,221	1,136	84	1	.....	25
261	196	3,212	Oc 3,497	Fe 2,778	3,504	2,913	535	35	21	26
1,289	820	6,189	Do 7,139	Fe 5,154	7,143	3,097	3,829	86	131	27
3,027	2,304	126,782	.....		137,716	52,404	78,160	2,368	4,784	28
2,744	1,975	97,342	De 104,154	Fe 90,650	104,516	43,224	56,862	1,469	2,961	29
283	329	29,440	De 33,085	Mh 27,601	33,200	9,180	21,298	899	1,823	30
470	352	6,453	De 6,749	Fe 6,025	6,693	5,543	995	102	53	31
23,390	6,267	160,996	.....		163,582	147,127	16,244	184	27	32
854	220	6,556	De 7,154	Ap 6,153	7,207	7,112	87	8	.....	33
663	191	6,366	Ja 8,101	My 5,631	6,042	4,433	1,604	3	2	34
21,873	5,856	148,074	Ja 172,703	Ap 138,985	150,333	135,582	14,553	173	25	35
1,518	274	17,345	.....		16,997	16,937	60	.....	.....	36
761	103	7,919	Ja 10,982	Au 6,743	7,998	7,979	19	.....	.....	37
757	171	9,426	Ja 12,645	De 8,244	8,999	8,958	41	.....	.....	38
569	112	6,438	.....		6,331	6,322	9	.....	.....	39
419	82	4,839	Ja 6,101	Se 4,167	4,936	4,931	5	.....	.....	40
150	30	1,599	Ja 1,953	Do 1,354	1,895	1,391	4	.....	.....	41
119	30	2,041	Ja 2,662	Ap 1,783	2,187	2,024	163	.....	.....	42
224	124	2,167	Ja 2,284	Je 2,046	2,256	2,237	18	1	.....	43
595	220	13,796	.....		14,147	14,131	14	2	.....	44
538	207	12,928	Ja 15,103	Je 11,406	13,119	13,103	14	2	.....	45
57	13	868	Ja 1,056	Oc 398	1,028	1,028	.....	.....	.....	46
3,911	3,046	20,436	Se 22,653	Ap 17,963	20,290	14,125	5,926	120	119	47
362	247	2,599	My 2,847	Ja 1,977	2,739	2,640	82	11	.....	48
304	327	6,412	Do 7,508	Ja 5,633	7,658	4,857	2,567	126	108	49

* Includes "smelting and refining, antimony" and "smelting and refining, tin," to avoid disclosing individual operations.

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

			PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.						
			Number of establishments.	Total.	Proprietors and officials.				
INDUSTRY.					Male.	Female.	Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
1	Springs, steel, car and carriage, not made in steel works or rolling mills.	112	10,401	493	10	55	175	282	
2	Carriage and wagon.....	13	670	36	0	9	17	16	
3	Railway.....	6	675	29	-----	1	9	19	
4	Automobile.....	65	6,036	254	7	27	97	137	
5	Machinery and other.....	28	3,020	174	0	18	52	110	
6	Stamped and enameled ware, not elsewhere specified.	323	39,453	1,386	38	101	481	842	
7	Stamped ware.....	279	27,967	1,075	33	101	374	633	
8	Enameled ware.....	35	10,177	264	2	-----	83	183	
9	Bathtubs.....	5	761	21	2	-----	12	11	
10	Lavatories and sinks.....	4	548	26	1	-----	12	15	
11	Stationery goods, not elsewhere specified....	223	14,535	772	59	130	255	446	
12	Penholders.....	5	119	10	3	3	5	5	
13	All other.....	218	14,416	702	56	127	250	441	
14	Statuary and art goods.....	195	1,906	326	21	233	61	53	
15	Steam fittings and steam and hot-water heating apparatus.	261	43,864	1,367	31	73	412	913	
16	Radiators and cast-iron heating boilers..	75	12,156	304	9	21	94	198	
17	All other.....	186	31,708	1,063	22	52	318	715	
18	Steam packing.....	169	7,761	498	20	72	187	259	
19	Steel barrels, drums, and tanks.....	33	3,967	182	7	11	66	112	
20	Stencils and brands.....	84	637	135	9	84	36	24	
21	Stereotyping and electrotyping.....	171	4,623	434	13	85	190	172	
22	Stoves and hot-air furnaces.....	412	39,153	1,887	44	139	736	1,056	
23	Stoves and ranges.....	280	31,724	1,374	26	69	552	779	
24	Hot-air furnaces.....	126	7,042	487	18	70	175	260	
25	Fireless cookers.....	6	387	26	-----	-----	9	17	
26	Stoves, gas and oil.....	176	12,778	564	7	99	187	285	
27	Structural ironwork, not made in steel works or rolling mills.	1,146	56,205	3,571	57	721	1,221	1,686	
28	Sugar, beet.....	85	14,190	670	2	1	113	558	
29	Sugar, cane.....	202	7,045	621	19	165	159	316	
30	Sugar, refining, not including beet sugar....	20	20,921	367	4	0	47	318	
31	Sulphuric, nitric, and mixed acids.....	39	5,860	285	9	-----	40	254	
32	Surgical appliances.....	268	8,053	552	61	219	140	255	
33	Suspenders, garters, and elastic woven goods	196	12,466	561	60	179	130	312	
34	Textile machinery and parts.....	432	36,126	1,525	59	354	390	840	
35	Theatrical scenery.....	17	230	42	1	6	23	14	
36	Tin and other foils, not elsewhere specified..	15	2,169	94	5	3	33	63	
37	Tin foil.....	12	2,161	91	5	-----	33	63	
38	Aluminum and other.....	3	8	3	-----	3	-----	-----	
39	Tin plate and terneplate.....	24	3,686	181	175	9	9	338	
40	Tinware, not elsewhere specified.....	301	38,958	1,119	39	177	252	729	
41	Tobacco, chewing and smoking, and snuff..	365	22,468	929	28	325	195	437	
42	Plug or chewing.....	85	10,153	386	6	48	106	238	
43	Smoking.....	199	10,432	405	11	193	67	166	
44	Snuff.....	34	1,711	73	7	26	19	35	
45	All other.....	47	172	65	4	58	3	8	
46	Tobacco, cigars and cigarettes.....	9,926	161,097	14,182	938	10,464	825	3,831	
47	Cigars.....	9,778	132,561	13,577	856	10,352	744	3,337	
48	Cigarettes.....	135	26,379	533	59	102	73	417	
49	Cigars and cigarettes.....	13	2,157	72	23	10	8	77	
50	Tools, not elsewhere specified.....	1,125	44,142	4,520	82	856	2,495	1,251	
51	Shovels, spades, scoops, and hoes.....	42	2,861	140	6	27	48	71	
52	Carpenters' tools, not elsewhere specified.	34	2,672	101	4	24	32	49	
53	Machinists' tools.....	502	21,235	1,383	24	355	482	570	
54	All other.....	574	17,374	2,896	48	450	1,933	561	

1 Same number reported for one or more other months.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.

Clerks.		Wage earners.			Wage earners employed Dec. 15, or nearest representative day.					
Male.	Fe-male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.		
			Maximum month.	Minimum month.		Male.	Fe-male.	Male.	Fe-male.	
537	371	8,981	.....	.....	9,552	8,783	718	28	23	1
31	19	578	Da 601	Ja 559	602	594	7	1	.....	2
75	5	566	Ja 654	Oc 495	571	567	4	.....	.....	3
273	223	5,279	Se 5,486	Ja 4,887	5,384	5,019	297	16	22	4
158	124	2,558	De 3,092	Ap 2,122	2,095	2,673	410	11	1	5
2,253	1,528	34,248	.....	.....	37,977	29,460	7,709	364	354	6
1,828	1,136	23,895	De 26,202	Ap 22,476	26,230	19,940	5,798	274	268	7
368	347	9,196	No 10,251	Ja 7,660	10,141	7,978	1,989	88	86	8
41	33	664	De 945	Mh 438	945	936	7	2	.....	9
16	12	403	De 609	Ja 370	611	606	5	.....	.....	10
1,404	1,039	11,261	.....	.....	12,612	6,070	6,271	97	174	11
2	3	101	Jy 119	Ja 75	113	60	50	3	.....	12
1,402	1,036	11,100	De 12,416	Ap 10,540	12,499	6,010	6,221	94	174	13
54	39	1,466	De 1,638	Ja 1,245	1,648	1,514	125	8	1	14
3,421	2,359	36,686	.....	.....	44,371	41,885	2,410	68	8	15
618	381	10,844	De 14,086	My 8,379	14,701	14,580	107	14	.....	16
2,803	1,978	25,842	De 29,681	Jy 21,926	29,670	27,305	2,303	54	8	17
640	456	6,147	De 6,782	My 5,656	6,838	5,655	1,084	59	40	18
300	156	3,322	De 4,046	Mh 2,727	4,045	3,958	80	.....	.....	19
38	38	417	De 476	Ja 392	478	378	81	18	1	20
337	175	3,664	De 3,911	Ja 3,365	3,892	3,768	87	37	.....	21
2,075	1,379	32,868	.....	.....	36,546	35,801	411	332	2	22
2,179	950	27,186	No 30,227	Ja 22,542	30,028	29,383	345	319	1	23
759	373	5,405	No 6,245	Mh 4,823	6,214	6,170	31	13	.....	24
37	47	277	Jy 327	Ja 219	304	268	35	.....	1	25
1,112	530	10,565	De 12,650	Ja 9,319	12,704	11,620	987	90	7	26
6,099	1,916	43,952	No 47,680	My 40,614	47,142	46,860	258	24	.....	27
1,266	471	11,781	No 27,064	Mh 4,661	26,489	25,275	1,213	1	.....	28
281	23	6,101	De 19,570	Ap 1,514	20,586	17,910	2,504	100	12	29
1,814	534	18,202	Jy 20,501	Ja 14,533	18,383	17,063	1,313	7	.....	30
407	198	4,061	De 5,764	Jy 4,331	5,890	5,862	26	2	.....	31
1,083	866	6,300	Ja 7,681	My 5,694	6,437	3,203	3,100	26	99	32
549	439	6,857	No 12,010	Fe 9,770	12,175	3,886	7,699	141	499	33
1,714	1,005	31,823	De 35,426	Ap 28,898	35,598	33,097	2,029	409	63	34
20	18	149	Au 173	Ja 108	150	154	4	1	.....	35
72	90	1,908	.....	.....	2,697	1,774	911	7	5	36
72	90	1,908	Mh 2,134	Jy 1,041	2,692	1,773	907	7	5	37
.....	.....	5	(P) 5	(P) 5	5	1	4	.....	.....	38
173	35	3,122	Fe 2,367	Je 2,367	3,567	3,077	485	5	.....	39
2,204	1,210	34,386	Au 38,385	Ap 31,855	35,221	24,846	10,163	158	54	40
2,510	677	18,324	.....	.....	19,109	9,615	9,339	58	97	41
1,147	235	8,379	No 8,896	Mh 7,765	9,126	4,415	4,585	48	78	42
1,103	393	8,520	Oc 9,263	Ja 7,928	8,471	4,289	4,166	6	10	43
254	49	1,328	De 1,380	Au 1,265	1,397	812	572	4	9	44
6	.....	97	Oc 106	Mh 89	115	99	16	.....	.....	45
5,284	1,920	138,773	.....	.....	160,463	65,099	93,341	472	1,551	46
2,768	1,061	114,299	De 131,081	Au 92,761	133,066	53,153	78,253	344	1,316	47
2,426	719	22,642	No 26,374	My 19,657	23,204	11,144	13,707	128	225	48
90	140	1,832	No 2,266	My 1,826	2,193	802	1,381	.....	10	49
1,949	2,006	35,585	.....	.....	39,697	36,155	3,176	267	99	50
96	81	2,538	Ja 2,794	Je 2,252	2,574	2,488	67	17	2	51
162	134	2,271	De 2,420	Jy 2,175	2,437	2,113	283	28	13	52
874	1,074	17,860	De 19,845	Ap 16,687	19,914	18,455	1,286	120	53	53
817	717	12,896	De 14,349	Ap 12,211	14,772	13,099	1,540	102	31	54

* Same number reported throughout the year.

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

	INDUSTRY	Number of establishments.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
			Total.	Proprietors and officials.				
				Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
				Male.	Female.			
1	Toys and games.....	541	16,483	1,159	70	469	326	443
2	Trunks and valises.....	597	14,216	1,283	59	601	360	381
3	Turpentine and rosin.....	1,191	31,093	2,770	28	1,460	149	1,198
4	Type founding.....	23	870	27	1	11	6	11
5	Typewriters and supplies.....	88	18,074	431	14	37	103	305
6	Typewriters and parts.....	37	16,659	318	9	6	54	267
7	Carbon paper.....	24	901	55	2	10	30	17
8	Ribbon.....	21	455	51	1	18	14	20
9	All other.....	6	59	7	2	3	5	1
10	Umbrellas and canes.....	198	4,173	377	18	232	85	78
11	Upholstering materials, not elsewhere specified.....	163	5,620	396	7	123	112	168
12	Imitation leather and leatheroid.....	17	2,351	99	.....	1	27	71
13	Excelsior.....	95	1,491	191	4	81	57	57
14	Curled hair.....	15	839	35	1	10	9	17
15	All other.....	36	939	71	2	31	19	23
16	Varnishes.....	229	7,385	774	30	72	360	372
17	Vault lights and ventilators.....	41	457	78	4	26	34	22
18	Vinegar and cider.....	720	3,333	1,000	24	724	158	142
19	Vinegar.....	199	1,966	353	12	153	115	97
20	Cider.....	521	1,367	647	12	571	43	45
21	Wall paper, not made in paper mills.....	48	5,098	223	6	3	120	106
22	Wall plaster and composition flooring.....	161	6,439	411	8	28	169	222
23	Washing machines and clothes wringers.....	105	7,555	413	9	40	148	239
24	Waste.....	92	3,177	253	8	57	113	91
25	Cotton.....	61	2,300	177	3	38	75	67
26	All other.....	31	877	76	5	19	38	24
27	Watch and clock materials, except watchcases.....	27	678	46	1	24	12	11
28	Watch materials.....	21	565	39	.....	22	8	9
29	Clock materials.....	6	113	7	1	2	4	2
30	Watchcases.....	33	4,587	143	10	15	52	86
31	Watches.....	18	16,852	292	10	3	24	275
32	Watches.....	7	9,437	181	2	3	13	167
33	Watch movements.....	11	7,415	111	8	.....	11	108
34	Wheelbarrows.....	11	372	32	2	7	14	13
35	Whips.....	26	912	48	3	26	12	13
36	Windmills.....	31	2,383	140	1	10	44	87
37	Window and door screens and weather strips.....	214	2,782	358	7	197	93	75
38	Window and door screens.....	176	2,556	303	4	175	72	90
39	Weather strips.....	38	226	55	3	22	21	15
40	Window shades and fixtures.....	287	5,494	501	19	258	93	169
41	Wire.....	66	22,236	605	7	13	122	477
42	Wirework, not elsewhere specified.....	558	18,340	1,354	43	457	409	531
43	Wire rope and cable.....	15	2,973	133	1	3	23	108
44	Woven-wire fencing.....	53	1,922	151	2	25	54	74
45	All other.....	490	13,445	1,070	40	429	332	349
46	Wood distillation.....	115	5,634	392	7	28	128	243
47	Wood preserving.....	73	4,615	240	7	1	79	167
48	Wood, turned and carved.....	722	12,623	1,471	35	708	295	503
49	Wooden goods, not elsewhere specified.....	245	7,287	471	13	177	136	171
50	Wool pulling.....	24	839	78	.....	23	22	33
51	Wool scouring.....	33	2,407	98	10	9	38	61
52	Wool shoddy.....	78	2,956	220	7	64	70	93
53	Woolen and worsted goods.....	852	176,392	4,667	168	387	1,236	3,212
54	Woolen goods.....	560	67,020	2,385	102	258	729	1,500
55	Worsted goods.....	292	109,372	2,282	66	129	507	1,712
56	All other industries ¹	5	109	7	.....	5	.....	2

¹ Same number reported for one or more other months.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.

Clerks.		Wage earners.				Wage earners employed Dec. 15, or nearest representative day.					
Male.	Fe-male.	Average number.	Number employed 15th day of—		Total.	16 years of age and over.		Under 16 years of age.			
			Maximum month.	Minimum month.		Male.	Fe-male.	Male.	Fe-male.		
427	617	14,201	No 16,761	Ja 10,141	15,744	8,647	6,356	465	276	1	
937	407	11,470	Oc 12,467	Ja 10,101	12,649	10,453	1,977	151	68	2	
214	5	28,067	Je 28,802	Ja 25,918	29,601	29,103	103	393	2	3	
18	14	810	Jy 917	Au 620	811	629	148	11	23	4	
732	1,228	15,669			17,736	13,510	4,026	121	79	5	
460	994	14,878	De 17,240	Au 13,760	16,864	12,957	3,739	105	63	6	
218	185	441	No 477	Je 421	495	327	142	10	16	7	
54	46	303	De 327	Ja 280	330	201	124	5		8	
-----	3	47	My 50	Ja 43	47	25	21	1		9	
260	144	3,368	De 3,788	Ja 3,016	3,837	1,774	1,897	82	84	10	
202	145	4,810			5,444	4,460	879	50	32	11	
154	87	2,011	De 2,328	Fe 1,730	2,331	2,281	50			12	
31	23	1,242	De 1,331	Ja 1,196	1,391	1,230	99	42	20	13	
22	13	768	Au 861	Ja 590	843	561	281	1		14	
55	22	789	Se 832	Ja 714	879	418	442	7	12	15	
1,741	818	4,022	De 4,390	Ja 3,617	4,445	4,028	404	11	2	16	
20	30	316	Oc 369	Fe 269	361					17	
203	125	1,981			2,835	2,551	270	14		18	
149	87	1,365	No 2,100	Mh 1,043	1,620	1,434	184	2		19	
54	38	616	Oc 1,399	My 814	1,215	1,117	86	12		20	
390	217	4,262	De 4,795	Au 3,567	5,100	4,071	953	57	14	21	
632	265	6,123	No 6,103	Ja 3,688	6,017	5,941	74	2		22	
759	413	5,956	De 7,085	Ja 4,731	7,866	7,126	212	18		23	
113	117	2,686			2,857	1,020	925	5	7	24	
86	83	1,951	Au 2,163	Fe 1,713	2,099	1,445	642	5	7	25	
27	34	735	No 787	Ap 656	758	475	283			26	
15	34	582			604	185	404	11	4	27	
13	28	485			497	124	364	6	3	28	
2	6	97	Jy No ¹ 564 107	Mh Fe 418 87	107	61	40	5	1	29	
221	313	3,900	De 4,233	Ja 3,625	4,300	3,004	1,079	69	58	30	
218	444	15,888			16,685	8,358	8,069	165	93	31	
152	293	8,809	No ¹ 9,343	Jy 3,337	9,329	4,591	4,482	163	93	32	
66	151	7,079	No 7,370	Ja 6,757	7,856	3,767	3,587	2		33	
32	15	291	Oc 348	Mh 242	337	330	6	1		34	
103	41	717	De 743	Ap 688	747	509	204	21	13	35	
211	99	1,932	De 2,077	Je 1,588	2,076	2,061	10	5		36	
134	104	2,179			2,587	2,220	354	9	4	37	
108	80	2,061	De 2,335	Mh 1,852	2,445	2,082	351	8	4	38	
26	24	118	De 140	Mh 103	142	138	3	1		39	
308	255	4,411	De 5,137	Fe 3,789	5,207	3,731	1,415	44	17	40	
1,295	588	10,741	Se 21,282	Oc 17,335	21,600	20,486	1,037	54	23	41	
1,061	658	15,224			16,397	13,287	2,747	277	80	42	
280	98	2,461	De 2,678	Au 2,177	2,692	2,554	138			43	
152	116	1,501	Ap 1,619	Ja 1,319	1,591	1,583	8			44	
629	444	11,282	De 11,850	Ap 10,804	12,114	9,160	2,601	277	86	45	
204	85	4,946	Ja 5,838	Je 4,246	5,463	5,437	26			46	
291	99	3,978	Oc 4,282	Mh 3,439	4,304	4,284	18	2		47	
222	246	10,649	De 11,260	Ja 10,168	14,849	13,713	985	144	7	48	
229	131	6,443	De 6,949	Jy 6,266	7,109	5,814	1,203	85	7	49	
42	14	705	De 831	Je 613	831	329	4			50	
70	52	2,477	Au 2,831	Mh 1,658	2,554	2,667	185			51	
107	56	2,566	De 2,609	Fe 2,405	2,709	2,229	438	5	37	52	
2,942	1,828	166,787			194,649	105,657	81,185	3,385	4,422	53	
894	682	62,957	De 70,374	Fe 47,872	72,062	47,786	23,274	560	492	54	
2,048	1,146	103,830	De 122,495	Fe 67,439	122,587	57,921	57,911	2,825	3,930	55	
3	-----	99			102	87	15			56	

¹Comprises the following industries with number of establishments as indicated: "Straw goods, not elsewhere specified," 1; "whalebone cutting," 1; and "wood carpet," 3.

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	POWER AND FUEL USED.							
	Primary power.							
	Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
			Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1 All industries.....	237, 864	29, 504, 792	122, 628	17, 037, 973	33, 407	1, 259, 400	14, 008	1, 765, 263
2 Aeroplanes, seaplanes, and airships, and parts.....	26	12, 512	3	325				
3 Agricultural implements.....	497	128, 249	334	69, 942	166	4, 092	74	6, 373
4 Aluminum manufactures.....	82	30, 280	31	12, 372	9	1, 103	1	80
5 Ingots, plates, and sheets.....	7	2, 617						
6 Ware.....	39	20, 823	16	8, 490	9	1, 103		
7 All other.....	36	6, 840	15	3, 882			1	80
8 Ammunition.....	39	39, 128	80	19, 160	11	2, 241	3	141
9 Artificial flowers.....	82	468	1	50	1	5		
10 Artificial limbs.....	130	857	1	25	8	71	4	143
11 Artificial stone products.....	1, 854	22, 221	181	4, 048	1, 165	5, 810	24	351
12 Artists' materials.....	43	3, 206	12	1, 354	9	225	2	240
13 Crayons.....	13	1, 132	9	554	1	4		
14 All other.....	30	2, 074	3	800	8	221	2	240
15 Asbestos products, not including steam packing.....	44	9, 657	31	4, 105	2	47	1	60
16 Building materials.....	12	2, 591	14	1, 295	1	2		
17 Textile-mill products.....	15	5, 577	10	1, 595	1	45	1	60
18 All other.....	17	1, 489	7	1, 245				
19 Automobile bodies and parts.....	2, 271	256, 919	302	41, 680	179	12, 066	15	566
20 Automobile repairing.....	14, 825	82, 691	120	1, 763	2, 933	17, 571	28	132
21 Automobiles.....	308	287, 323	194	104, 532	21	861		
22 Awnings, tents, and sails.....	778	4, 589	7	349	9	89		
23 Babbitt metal and solder.....	76	6, 022	15	2, 937	6	160		
24 Babbitt metal.....	31	4, 065	14	2, 857	1	35		
25 White metal.....	17	887			2	20		
26 Type metal.....	3	21						
27 Solder.....	25	1, 049	1	80	3	105		
28 Bags, other than paper, not including bags made in textile mills.....	203	9, 082	33	4, 216	6	150		
29 Bags, paper, exclusive of those made in paper mills.....	64	4, 429	16	1, 480	5	87	1	75
30 Baking powders and yeast.....	69	20, 071	99	14, 272	6	88		
31 Baking powders.....	53	2, 431	9	1, 256	6	88		
32 Yeast.....	16	17, 040	90	13, 022				
33 Baskets, and rattan and willow ware.....	161	6, 319	96	4, 157	18	183	10	370
34 Bells.....	10	783	2	132	2	135	6	402
35 Belting and hose, rubber.....	15	20, 299	48	10, 860	2	406	6	618
36 Belting.....	8	11, 691	27	4, 990	1	6	4	518
37 Hose.....	7	14, 608	21	5, 870	1	400	2	100
38 Belting and hose, woven, other than rubber.....	40	5, 338	15	1, 088	3	25	3	160
39 Woven belting.....	23	3, 066	6	560				
40 All other, including woven hose.....	17	2, 272	9	1, 128	3	25	3	160
41 Belting, leather.....	130	7, 039	20	4, 417	10	87	1	55
42 Billiard tables, bowling alleys, and accessories.....	40	5, 322	3	305	2	12		
43 Blacking, stains, and dressings.....	135	2, 490	27	1, 599	6	62		
44 Bluing.....	34	423			2	30		

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Con.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.					Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).	
Electric.		Other.			Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).				
Motors.	Horse-power.		Horse-power.	Num-ber.							Horse-power.
996,000	9,347,556	94,600	487,021	6,969,721	14,334,402	203,463,622	42,595,019	92,029,692	341,921,022	1
682	12,187	.....	106	600	217	22,514	13	2,405	10,028	2
4,594	47,842	.....	3,399	52,421	13,497	549,557	115,368	372,201	435,393	3
945	10,725	.....	625	10,609	2,457	122,142	4,415	118,040	109,095	4
92	2,617	.....	.....	.....	.....	3,636	685	8,047	16,270	5
561	11,230	.....	538	6,884	1,927	97,481	2,174	16,833	56,616	6
292	2,878	.....	87	3,725	530	21,025	1,550	98,169	36,209	7
1,764	17,586	.....	1,877	15,973	23,112	154,863	3,146	139,853	70,424	8
253	413	.....	.....	.....	4,112	2,807	44	13	6,460	9
221	618	.....	.....	.....	201	884	7	406	2,771	10
1,632	11,969	43	15	98	3,354	34,921	643	8,160	24,969	11
164	1,387	.....	49	567	2,363	61,114	15	1,109	5,957	12
88	574	.....	34	377	89	59,884	.....	1	479	13
120	813	.....	15	190	2,274	1,730	15	1,108	5,478	14
337	5,445	.....	124	1,966	5,443	31,817	2,325	6,623	17,633	15
67	1,204	.....	35	440	3,400	12,896	2,325	3,384	.....	16
225	3,907	.....	37	453	1,680	12,078	.....	3,233	17,611	17
45	244	.....	52	1,073	363	7,343	.....	6	22	18
21,773	202,458	149	1,047	17,746	32,036	628,095	19,681	430,122	713,721	19
10,537	63,057	168	147	518	34,451	127,453	2,170	30,042	449,832	20
14,283	176,930	5,000	11,419	93,426	17,133	1,120,585	81,867	1,015,284	2,114,482	21
2,621	4,133	18	14	63	2,206	8,074	82	326	11,111	22
340	2,923	2	219	2,752	4,216	46,288	4,019	64,239	44,084	23
164	1,173	.....	219	2,752	1,943	23,253	2,936	53,970	20,312	24
83	865	2	.....	.....	1,111	4,199	942	8,202	2,338	25
4	21	.....	.....	.....	161	719	.....	.....	.....	26
89	864	.....	.....	.....	1,001	12,117	141	2,067	21,434	27
1,012	4,710	6	648	3,454	3,312	23,103	344	617	4,421	28
907	2,787	.....	265	624	1,034	13,708	78	275	423	29
453	5,711	.....	594	5,947	2,690	219,015	598	30,046	2,608	30
197	1,093	.....	109	660	2,627	6,661	.....	1	2,593	31
256	4,618	.....	485	5,287	463	212,354	598	30,045	15	32
228	1,609	.....	5	60	909	10,767	103	691	2,420	33
14	114	.....	1	20	594	762	40	454	204	34
520	14,415	.....	346	8,308	32,550	34,728	274	33,651	6,639	35
298	6,177	.....	47	1,055	8,300	35,521	.....	23,652	1,240	36
222	8,238	.....	299	7,253	24,250	40,207	274	10,599	5,459	37
362	3,428	37	51	376	3,201	12,931	70	1,412	894	38
295	2,504	2	2	13	603	9,145	.....	152	240	39
67	924	35	49	303	2,598	3,786	70	1,260	654	40
433	2,463	27	111	320	15,214	15,731	22	1,642	5,880	41
553	4,944	61	3	25	731	18,938	.....	9	600	42
227	785	44	66	550	5,754	6,738	69	311	11,091	43
76	393	.....	5	12	259	200	3	.....	1,461	44

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Num-ber.	Horse-power.	Num-ber.	Horse-power.	Num-ber.	Horse-power.
1	Done, carbon, and lampblack	25	1,857	0	455	42	911	.....	.....
2	Done black and lampblack	6	1,145	5	375	5	279	.....	.....
3	Carbon black	19	712	4	80	37	932	.....	.....
4	Bookbinding and blank-book mak- ing	922	11,123	10	555	12	133	.....	.....
5	Boot and shoe cut stock	233	9,003	25	1,765	5	43	1	2
6	Boot and shoe findings	323	10,682	18	3,622	4	40	8	400
7	Boots and shoes, not including rub- ber boots and shoes	1,391	120,032	371	57,267	36	908	14	2,021
8	Regular factory products	1,286	119,594	307	57,188	34	853	14	2,021
9	Contract work	10	192	.....	.....	.....	.....	.....	.....
10	Stitching	18	109	.....	.....	.....	.....	.....	.....
11	Crimping	2	6	.....	.....	.....	.....	.....	.....
12	Buttonholes	3	7	.....	.....	.....	.....	.....	.....
13	Overgaiters, moccasins, and leggings	66	724	4	79	2	55	.....	.....
14	Boots and shoes, rubber	23	49,400	52	21,220	.....	.....	11	2,492
15	Boxes, cigar	167	5,059	36	2,448	17	297	.....	.....
16	Boxes, paper and other, not else- where specified	1,144	54,955	184	22,471	65	1,124	21	1,904
17	Shipping containers, corru- gated and fiber	155	19,732	71	9,428	6	211	14	1,507
18	Set-up paper boxes	820	20,088	70	5,007	47	559	5	395
19	Cartons	123	11,239	28	6,176	10	315	2	62
20	Paper cans and tubes	19	2,125	9	1,200	1	4	.....	.....
21	All other	21	1,771	6	600	1	35	.....	.....
22	Boxes, wooden packing, except cigar boxes	1,051	144,048	774	100,020	115	1,903	40	2,495
23	Brass, bronze, and copper products ..	1,011	265,688	233	116,517	104	3,540	21	2,320
24	Brass and bronze	937	201,494	171	87,589	92	3,186	10	1,060
25	Copper	42	53,157	51	26,603	7	85	6	1,000
26	All other	32	11,037	11	2,325	5	209	5	260
27	Bread and other bakery products ..	17,151	165,950	420	34,250	869	5,274	44	522
28	Biscuit and crackers	161	29,273	140	18,057	2	75	16	135
29	Bakery products, other than biscuit and crackers	16,990	136,677	280	16,193	867	5,199	28	387
30	Brick and tile, terra-cotta, and fire- clay products	2,216	405,746	2,769	281,815	400	17,456	1	40
31	Building brick	1,295	222,688	1,583	152,184	239	10,976	1	40
32	Fire brick	188	49,363	201	35,034	27	1,146	.....	.....
33	Stove lining	17	1,021	14	610	6	74	.....	.....
34	Sewer pipe and drain tile	468	58,191	562	50,152	84	1,582	.....	.....
35	Terra-cotta products	194	50,098	254	33,019	47	2,911	.....	.....
36	Silicate, magnesite, and baux- ite bricks and shapes	38	19,338	47	7,335	5	765	.....	.....
37	All other	16	5,047	18	2,881	1	2	.....	.....
38	Brooms	766	6,002	29	1,467	170	987	6	36
39	From broom corn	744	5,907	28	1,432	164	941	6	36
40	All other	22	155	1	35	6	46	.....	.....
41	Brushes	330	7,384	34	2,694	29	445	10	221
42	Toilet	41	1,395	8	433	1	20	1	75
43	Paint and varnish	39	1,582	13	980	2	16	.....	.....
44	All other	250	4,407	13	1,281	26	409	9	146
45	Butter	3,661	95,190	2,412	47,505	459	5,522	39	748
46	Butter, reworking	4	343	3	114	1	12	.....	.....
47	Buttons	413	16,201	65	6,275	71	1,047	6	267

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.												
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.							
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).					
Electric.	Other.											
Motors.	Horse-power.	Horse-power.	Num-ber.	Horse-power.	Anthracite (tons of 2,240 lbs.).	Bitumi-nous (tons of 2,000 lbs.).						
34	491	-----			25	6,661	-----	1,200	40,495,995	1		
34	491	-----			25	6,661	-----	1,200	8,628	2		
		-----					-----		49,487,369	3		
6,536	10,349	86	-----	-----	3,302	12,527	52	1,586	33,390	4		
843	6,038	555	71	521	3,297	20,663	405	548	575,974	5		
1,257	5,848	712	75	1,053	3,092	25,858	120	332	10,397	6		
11,698	55,090	4,740	4,581	28,102	46,006	394,926	2,602	26,993	170,430	7		
11,414	54,885	4,647	4,581	28,102	45,588	393,977	2,595	26,982	169,051	8		
27	129	63	-----	-----	109	125	-----	-----	213	9		
25	73	36	-----	-----	66	-----	-----	-----	80	10		
2	6	-----	-----	-----	-----	-----	-----	-----	81	11		
3	7	-----	-----	-----	-----	-----	-----	-----	800	12		
227	590	-----	-----	-----	803	824	7	11	755	13		
1,757	25,718	-----	415	2,602	19,853	136,967	1,391	104,199	2,425	14		
561	2,264	50	38	312	3,086	6,702	5	117	4,307	15		
8,338	29,116	280	1,897	9,119	24,681	218,046	2,486	12,812	401,999	16		
1,897	8,571	15	570	2,899	10,626	122,988	57	2,994	17,342	17		
4,809	13,834	233	680	1,831	9,818	50,424	2,061	2,046	378,880	18		
1,180	4,654	32	476	3,697	3,383	31,357	261	1,424	8,392	19		
248	921	-----	117	675	569	7,298	107	48	1,910	20		
204	1,136	-----	54	107	280	5,979	-----	6,300	475	21		
3,727	39,165	405	1,203	12,515	4,258	56,899	114	4,287	22,152	22		
8,759	142,996	315	2,468	40,598	200,719	655,947	131,113	914,591	812,573	23		
7,540	109,345	314	1,621	29,034	175,411	492,396	114,006	799,649	732,480	24		
827	25,469	-----	825	10,372	18,611	148,143	14,653	108,519	58,326	25		
392	8,182	1	22	592	6,697	15,408	2,454	6,423	21,767	26		
37,602	125,665	239	3,709	20,723	596,980	554,982	309,706	349,121	5,470,396	27		
2,135	10,929	77	1,993	11,479	86,772	90,768	14,468	88,796	277,613	28		
35,467	114,736	162	1,716	9,244	510,217	464,214	295,238	260,355	5,198,778	29		
3,408	105,846	589	1,430	27,508	128,252	6,894,745	34,510	1,309,932	10,009,521	30		
1,688	59,384	104	523	10,452	111,026	2,979,074	23,762	738,602	7,684,785	31		
408	12,578	5	184	4,726	5,623	1,348,521	6,754	107,279	804,074	32		
14	337	-----	2	10	810	11,531	60	167	600	33		
251	6,457	-----	203	4,282	869	1,182,581	458	279,159	312,685	34		
609	14,138	30	395	5,254	9,782	852,903	2,759	183,525	1,158,611	35		
348	10,788	450	53	1,600	-----	432,213	353	1,200	48,854	36		
90	2,164	-----	70	1,184	152	87,922	364	-----	12	37		
930	3,547	25	53	332	1,064	13,737	590	1,306	14,438	38		
974	3,498	-----	53	332	1,022	13,666	578	1,288	14,343	39		
16	49	25	-----	-----	42	71	2	18	95	40		
895	3,917	77	348	1,530	5,539	20,636	16	535	10,693	41		
179	863	4	12	100	802	3,680	-----	58	512	42		
161	581	5	253	627	3,391	7,227	5	4	2,146	43		
555	2,503	68	83	803	1,346	9,629	11	473	8,935	44		
5,628	41,187	228	700	5,347	20,467	409,020	2,378	159,841	133,603	45		
9	217	-----	-----	-----	13	860	-----	220	-----	46		
962	8,117	495	37	598	7,094	47,867	188	1,420	29,576	47		

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Num-ber.	Horse-power.	Num-ber.	Horse-power.	Num-ber.	Horse-power.
1	Candles.....	14	597	11	545	.....	.....	.....	.....
2	Canning and preserving, fish.....	322	24,865	309	14,119	207	2,484	1	4
3	Canning and preserving, fruits and vegetables.....	2,675	132,422	2,840	86,584	702	6,162	5	81
4	Canned vegetables.....	1,831	95,352	2,388	71,869	359	3,583	2	26
5	Canned fruits.....	415	23,214	386	12,382	69	783	2	42
6	Dried fruits.....	414	9,447	60	1,738	265	1,414	1	13
7	Dried vegetables.....	15	1,409	6	95	9	379	.....	.....
8	Canning and preserving, oysters.....	47	1,025	46	858	10	125	1	5
9	Card cutting and designing.....	66	743	1	60	8	53	.....	.....
10	Cardboard, not made in paper mills	16	3,276	13	2,410	2	45	4	100
11	Carpets and rugs, other than rag...	68	38,170	87	28,777	2	85	11	2,207
12	Carpets, rug.....	257	2,674	15	389	34	269	.....	.....
13	Carriage and wagon materials.....	239	23,700	183	17,698	34	468	11	535
14	Carriages and sleds, children's.....	75	6,071	21	2,421	7	119	9	405
15	Carriages and wagons, including repairs.....	1,888	40,966	175	20,088	537	4,294	27	896
16	Carriages and wagons.....	971	34,666	158	19,740	309	2,794	20	669
17	Repair work only.....	917	6,300	17	348	228	1,500	7	227
18	Cars and general shop construction and repairs by electric-railroad companies.....	500	63,830	45	5,875	11	564	.....	.....
19	Cars and general shop construction and repairs by steam-railroad companies.....	1,470	594,515	2,490	375,006	158	6,993	11	841
20	Cars, electric-railroad, not including operations of railroad companies.....	6	9,390	7	1,900	.....	.....	.....	.....
21	Cars, steam-railroad, not including operations of railroad companies.....	92	157,865	297	92,015	17	2,848	1	100
22	Cash registers and calculating machines.....	61	14,650	23	11,265	1	15	2	250
23	Adding machines.....	20	7,057	12	4,765	.....	.....	2	250
24	Cash registers and parts.....	17	6,849	8	6,300	.....	.....	.....	.....
25	All other.....	24	744	3	200	1	15	.....	.....
26	Cement.....	117	488,808	477	278,009	63	24,763	8	3,550
27	Charcoal, not including production in the lumber and wood-distillation industries.....	7	132	3	.....	3	34	.....	.....
28	Cheese.....	2,508	24,500	1,956	19,509	747	3,000	11	112
29	Chemicals.....	486	376,940	1,355	241,749	122	5,004	31	3,692
30	Chewing gum.....	57	6,178	16	2,589	1	10	.....	.....
31	China decorating, not including that done in potteries.....	13	43	.....	.....	.....	.....	.....	.....
32	Decalcomania work on china.....	2	7	.....	.....	.....	.....	.....	.....
33	All other.....	11	36	.....	.....	.....	.....	.....	.....
34	Chocolate and cocoa products.....	46	33,440	52	15,273	8	1,783	14	300
35	Cleansing and polishing preparations.....	243	4,520	22	1,176	23	197	.....	.....
36	Cleansing preparations.....	159	2,918	14	813	18	131	.....	.....
37	Metal polish.....	38	487	4	153	2	30	.....	.....
38	All other polishing preparations.....	46	1,115	4	210	3	36	.....	.....
39	Clocks.....	39	6,952	19	3,910	3	62	6	255
40	Cloth, sponging and refinishing.....	59	952	8	412	2	20	.....	.....
41	Clothing, horse.....	25	1,577	9	1,192	1	25	.....	.....

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).			
Electric.	Other.									
Motors.	Horse- power.	Horse- power.	Num- ber.	Horse- power.	Anthra- cite (tons of 2,240 lbs.).	Bitumi- nous (tons of 2,000 lbs.).				
10	62	-----	32	174	757	4,082	-----	1	1,776	1
1,156	8,198	60	174	1,472	5,387	36,528	4	124,318	59,340	2
5,017	39,420	175	1,242	6,663	20,238	298,336	5,901	569,348	151,031	3
2,470	19,099	175	1,088	5,938	5,190	230,011	2,293	54,977	43,771	4
1,029	12,604	-----	148	694	2,705	60,167	1,464	304,627	103,961	5
1,123	6,282	-----	6	31	12,334	5,079	2,136	182,171	2,899	6
80	935	-----	-----	-----	-----	3,079	8	27,558	400	7
9	37	-----	-----	-----	45	12,122	10	174	112	8
270	630	-----	-----	-----	655	115	35	61	2,245	9
101	696	25	209	1,172	19,533	5,189	-----	607	856	10
688	6,524	577	2,357	18,012	36,328	240,038	300	125	4,822	11
471	2,001	15	12	62	906	5,209	98	324	6,397	12
661	4,961	28	165	2,884	2,325	42,160	3,340	18,101	19,404	13
420	3,126	-----	29	174	1,102	17,920	83	2,377	22,777	14
3,762	15,038	650	737	9,868	6,353	138,098	5,286	25,784	126,343	15
2,306	10,828	635	727	9,839	4,522	129,677	4,979	24,801	93,541	16
1,456	4,210	15	10	20	1,831	8,421	307	983	32,802	17
3,521	47,366	25	190	2,650	15,420	80,933	1,564	34,491	30,339	18
11,036	207,630	3,445	18,549	292,511	609,078	6,964,403	260,960	3,124,953	2,530,494	19
568	7,490	-----	124	1,530	199	46,628	2,083	16,365	4,444	20
3,462	62,827	75	6,695	107,658	53,644	819,988	73,638	560,469	1,108,259	21
456	3,115	5	1,297	14,408	2,408	50,399	2,409	4,246	86,423	22
205	2,042	-----	87	6,622	1,878	15,886	122	172	65,530	23
87	549	-----	1,180	7,685	308	40,645	2,287	3,599	17,883	24
104	524	5	30	101	222	2,868	-----	475	3,010	25
4,138	182,486	-----	4,362	163,049	272,266	6,031,428	50,840	1,801,342	4,370,699	26
8	98	-----	-----	-----	-----	784	-----	501	-----	27
332	1,790	89	32	142	26,169	149,167	844	27,480	10,431	28
10,492	126,419	76	6,960	109,554	389,356	3,814,667	457,259	807,774	1,836,998	29
635	3,573	6	297	1,552	1,428	18,176	-----	327	6,317	30
26	43	-----	-----	-----	158	729	2	807	14,374	31
5	7	-----	-----	-----	44	388	-----	40	501	32
21	36	-----	-----	-----	114	341	2	767	13,813	33
1,171	10,058	26	1,059	8,494	38,562	100,744	1,966	34,381	40,021	34
456	3,137	10	45	228	2,441	8,025	2,391	1,088	14,661	35
252	1,074	-----	5	125	1,849	2,690	2,230	907	6,865	36
65	204	10	40	103	375	1,650	19	26	1,293	37
139	869	-----	-----	-----	217	3,685	142	155	6,503	38
344	2,725	-----	876	2,187	4,473	25,416	181	292	18,440	39
248	495	25	12	25	1,344	1,938	2	-----	9,161	40
90	360	-----	114	875	149	6,613	15	217	643	41

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

	INDUSTRY.	POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Clothing, men's.....	4,640	40,577	118	8,462	126	1,068	15	258
2	Regular factory products.....	2,470	33,873	110	8,411	38	533	15	258
3	Men's and youths'.....	1,425	20,014	76	6,250	11	118	5	230
4	Boys'.....	325	1,857			3	21		
5	All other.....	720	12,002	34	2,161	24	394	10	28
6	Contract work.....	2,170	6,704	8	51	88	535		
7	Men's and youths'.....	1,827	5,148	4	27	62	356		
8	Boys'.....	248	1,085	4	24	21	143		
9	All other.....	95	471			5	36		
10	Clothing, men's, buttonholes.....	101	189	2	12				
11	Clothing, women's.....	7,414	32,622	28	2,283	43	529	3	75
12	Regular factory products.....	5,247	26,834	25	2,255	28	423	3	75
13	Suits, skirts, and cloaks.....	1,733	7,558	5	582	2	2		
14	Shirt waists and dresses, except house dresses.....	1,807	8,303	5	443	2	20	1	25
15	Undergarments and petticoats.....	606	4,899	10	780	11	247	2	50
16	Wrappers and house dresses.....	226	1,082	1	125	2	29		
17	All other.....	875	4,092	4	325	11	125		
18	Contract work.....	2,167	5,788	3	28	15	106		
19	Suits, skirts, and cloaks.....	964	2,090			3	21		
20	Shirt waists and dresses, except house dresses.....	878	2,521			3	23		
21	Undergarments and petticoats.....	75	302	1	15				
22	Wrappers and house dresses.....	45	151			3	14		
23	All other.....	205	724	2	13	6	45		
24	Coal-tar products.....	169	68,342	373	40,698	14	265		
25	Coffee and spice, roasting and grinding.....	776	29,750	53	4,595	37	961	4	100
26	Coffee.....	751	26,855	42	3,728	33	583		
27	Spice.....	25	2,895	11	867	4	378	4	100
28	Coffins, burial cases, and undertakers' goods.....	304	22,345	104	10,912	28	660	10	739
29	Coke, not including gas-house coke.....	155	224,879	941	148,478	6	1,850		
30	Beehive ovens.....	102	39,761	204	26,559				
31	By-product ovens.....	53	185,118	737	121,909	6	1,850		
32	Collars and cuffs, men's.....	35	5,286	22	3,916	1	25	1	75
33	Combs and hairpins, not made from metal or rubber.....	41	1,600	15	807	1	60	4	102
34	Condensed milk.....	368	40,181	726	37,209	28	772	13	695
35	Confectionery and ice cream.....	5,487	179,891	745	52,703	543	11,800	18	50
36	Confectionery.....	2,062	77,197	372	31,955	55	880	6	19
37	Ice cream.....	3,395	102,694	373	20,808	488	10,920	12	31
38	Cooperage.....	407	30,698	244	23,092	47	617	21	416
39	Hogsheds and barrels.....	344	26,866	191	20,153	42	589	15	221
40	All other.....	63	3,832	53	2,939	5	31	6	195
41	Copper, tin, and sheet-iron work.....	1,538	24,144	36	2,006	255	2,946	4	30
42	Cordage and twine.....	117	66,643	121	40,845	10	645	36	4,219
43	Cordials and flavoring sirups.....	92	3,177	16	2,069	1	2	2	2
44	Cork, cutting.....	58	8,683	26	2,099			1	25
45	Corsets.....	176	7,156	30	4,176	15	107	1	10
46	Corsets.....	132	6,667	29	4,076	13	41	1	10
47	Corset waists and brassieres.....	44	489	1	100	2	66		

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.											
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.						
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).				
Electric.	Other.										
Motors.	Horse- power.	Horse- power.	Num- ber.	Horse- power.	Anthra- cite (tons of 2,410 lbs.).	Bitumi- nous (tons of 2,000 lbs.).					
13,160	30,410	379	758	2,710	23,611	90,613	1,575	6,584	848,067	1	
9,442	24,349	322	742	2,670	17,033	87,371	1,443	5,807	233,608	2	
5,837	13,167	249	608	1,843	13,002	57,751	648	2,977	170,502	3	
957	1,836				819	2,195		36	34,249	4	
2,648	9,346	73	174	827	3,212	27,425	705	2,884	28,857	5	
3,718	6,061	57	16	40	6,578	3,242	132	687	614,450	6	
3,101	4,722	43	16	40	5,892	2,387	131	522	521,869	7	
423	916	2			471	143	1	98	89,414	8	
194	423	12			215	712		67	3,176	9	
238	164	13	1	2	94	66		17	1,064	10	
23,710	29,534	201	51	403	12,700	26,934	8,652	3,186	375,545	11	
18,502	23,914	107	51	403	9,986	25,916	8,646	3,050	319,961	12	
7,257	6,933	41	2	3	1,590	13,827	24	10	77,329	13	
6,419	7,780	35	20	146	2,328	2,431		2,800	138,603	14	
1,805	3,752	70	17	215	2,785	4,133		3	21,283	15	
554	1,826	2			805	1,910	18	3	3,477	16	
2,467	3,623	10	12	39	2,478	3,609	8,604	225	79,264	17	
5,208	5,620	34			2,714	1,018	6	127	55,584	18	
2,657	2,069				579	210	4	16	41,252	19	
1,942	2,461	34			806	491			6,080	20	
123	287				491	244			310	21	
60	137				164	11	2	38	506	22	
417	666				614	62		73	7,436	23	
2,162	27,376	3	3,345	26,317	62,582	721,982	16,855	143,676	148,004	24	
4,401	24,050	44	744	4,029	18,034	33,107	3,571	4,051	378,473	25	
4,195	22,500	44	579	2,832	16,091	29,344	3,571	4,051	361,994	26	
206	1,550		165	1,187	1,343	3,853			10,569	27	
1,639	9,879	155	455	3,993	6,173	59,504	1,100	1,276	36,685	28	
1,950	74,551		3,969	134,612	5,808	64,245,620	560,505	107,893	658,690	29	
402	13,192		693	19,254	2,231	30,639,938	187,219	80,349	6,175	30	
1,548	61,359		3,276	115,358	3,577	33,605,691	373,256	18,514	652,515	31	
223	1,260	10	511	2,580	9,585	23,464	100	1	14,058	32	
138	619	12			929	5,822	23	10	2,295	33	
1,460	10,502	3	2,495	11,594	27,176	821,083	3,185	157,354	89,519	34	
19,787	115,069	209	3,642	23,275	126,566	458,614	9,998	91,553	1,853,503	35	
10,213	44,182	161	3,008	19,437	92,141	243,049	8,627	22,733	1,222,781	36	
9,574	70,887	48	574	3,838	34,425	215,565	1,371	68,820	630,722	37	
692	6,563	10	141	3,750	3,315	50,021	4,757	7,563	56,845	38	
610	5,906		132	3,611	3,170	44,071	4,705	7,497	52,142	39	
82	657	10	9	109	145	5,960	52	66	4,703	40	
3,596	19,148	14	314	2,261	9,388	40,329	5,232	8,144	212,995	41	
1,062	20,847	87	373	10,206	43,522	118,441	17,403	19,743	55,496	42	
270	1,104		139	497	2,009	13,284	513	33	6,107	43	
670	6,432	127	210	1,113	8,549	55,134	3,427	2,078	564,870	44	
967	2,603	200	542	2,469	2,208	18,426	321	38	3,941	45	
815	2,340	200	542	2,469	1,330	18,389	321	6	3,735	46	
152	323				878	37		32	186	47	

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	POWER AND FUEL USED.							
	Primary power.							
	Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
			Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1 Cotton goods.....	1,278	1,840,201	1,622	1,013,146	30	2,639	1,200	305,204
2 Cotton lace.....	44	9,078	66	6,708	4	77	4	175
3 Cotton small wares.....	100	14,268	37	5,907	7	126	23	1,783
4 Crucibles.....	22	2,714	14	852				
5 Graphite crucibles.....	6	608	7	420				
6 Clay crucibles.....	10	1,001	7	432				
7 Glass-house pots.....	6	1,105						
8 Cutlery and edge tools.....	296	38,958	85	14,106	45	1,905	70	6,286
9 Table cutlery.....	24	5,175	10	1,500	4	400	18	1,172
10 Razors, plain and safety.....	31	4,009	7	775	5	138	2	27
11 Axes and hatchets.....	24	12,414	20	6,708	5	102	18	2,861
12 Scissors, shears, and clippers.....	51	4,931	16	1,793	6	99	2	42
13 Pocketknives.....	40	5,494	10	1,628	10	520	12	959
14 Angers, bits, chisels, and planes.....	25	3,256	10	800	9	505	13	890
15 All other.....	101	3,019	12	842	6	81	5	335
16 Dairymen's, poultrymen's, and apiarists' supplies.....	206	11,756	50	6,039	40	487	5	52
17 Incubators and brooders.....	41	1,314	7	522	8	189		
18 All other poultrymen's supplies.....	40	866	8	425	17	126		
19 Cream separators.....	17	5,479	18	3,859				
20 All other dairymen's supplies.....	80	2,493	11	637	6	93	2	28
21 Apiarists' supplies.....	22	1,604	0	596	9	109	3	24
22 Dental goods.....	282	2,716	9	823	8	286		
23 Teeth.....	47	1,325	8	793	1	6		
24 All other.....	235	1,391	1	30	7	280		
25 Drug grinding.....	31	6,725	52	5,445	3	50	1	12
26 Druggists' preparations.....	311	12,698	56	8,231	27	173	2	2
27 Dyeing and finishing textiles, exclusive of that done in textile mills.....	580	160,430	2,042	118,197	28	2,124	80	13,543
28 Dyestuffs and extracts—natural.....	117	34,320	256	31,289	9	201	3	113
29 Electrical machinery, apparatus, and supplies.....	1,345	438,839	325	193,231	103	7,446	17	1,800
30 Electroplating.....	484	7,078	0	152	35	601	1	15
31 Emery and other abrasive wheels.....	58	12,963	21	3,131	3	12		
32 Bnsmeling.....	65	1,183	6	877				
33 Engines, steam, gas, and water.....	364	100,021	247	70,852	216	15,773	6	335
34 Engravers' materials.....	20	759	1	150	4	109		
35 Engraving and disking.....	241	1,760	4	195	5	43		
36 Engraving, steel and copperplate, including plate printing.....	268	5,420	13	799	5	40	1	5
37 Engraving, wood.....	19	67						
38 Envelopes.....	102	7,187	25	2,611	4	265	1	125
39 Explosives.....	115	51,635	324	33,976	5	40	44	1,433
40 Fancy articles, not elsewhere specified.....	425	8,982	24	1,834	18	282	14	427
41 Beadwork.....	16	25						
42 Celluloid novelties.....	53	2,053	10	612			1	12
43 Metal novelties.....	85	2,980	4	432	6	84	3	119
44 Paper novelties.....	30	500	1	80	1	4		
45 Wood novelties.....	28	510	3	135	4	36	6	176
46 All other.....	213	2,014	6	575	7	158	4	120
47 Feathers and plumes.....	96	594	2	260	2	13		
48 Felt goods.....	47	16,411	60	9,830	2	4	21	2,841
49 Ferroalloys.....	28	37,087	96	32,420	3	88		
50 Fertilizers.....	564	125,939	555	40,482	219	4,862	24	709
51 Filos.....	48	11,905	31	7,232	6	256	1	25
52 Firearms.....	25	26,167	12	14,106			2	158

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).			
Electric.	Other.									
Motors.	Horse- power.	Horse- power.	Num- ber.	Horse- power.	Anthra- cite (tons of 2,240 lbs.).	Bitumi- nous (tons of 2,000 lbs.).				
38,162	515,309	3,903	23,303	346,300	322,668	3,610,372	32,164	460,407	59,135	1
640	2,118	.....	616	2,616	36,021	28,640	.....	7,981	22	2
1,161	6,299	178	309	1,512	9,906	24,200	302	39,471	75,424	3
129	1,862	.....	14	195	2,760	14,709	.....	3,479	44,493	4
16	183	.....	6	62	1,430	3,410	.....	.....	10,336	5
38	569	.....	8	143	1,315	3,285	.....	.....	25,157	6
75	1,105	.....	.....	.....	15	8,014	.....	3,479	.....	7
2,115	16,258	403	403	7,827	18,238	61,182	2,104	95,745	599,031	8
113	2,043	.....	10	175	1,020	6,908	10	3,926	8,601	9
960	2,620	200	99	331	8,403	6,513	180	764	13,273	10
171	2,610	133	63	2,990	4,864	19,531	823	18,107	518,580	11
366	2,089	8	2	50	1,512	11,016	616	8,852	23,994	12
433	2,387	.....	190	3,841	3,606	7,266	9	2,505	22,687	13
101	1,001	.....	36	413	2,189	4,876	106	60,152	4,982	14
271	2,299	62	3	27	1,044	5,012	349	1,439	6,911	15
801	5,178	.....	909	5,437	3,495	36,562	1,232	5,641	49,237	16
139	603	.....	15	77	59	4,242	21	40	2,080	17
57	315	.....	26	150	42	1,234	.....	161	5,806	18
156	1,620	.....	837	4,985	3,118	24,652	1,139	5,178	30,502	19
310	1,705	.....	5	61	273	4,283	72	227	9,532	20
109	875	.....	26	164	3	2,151	.....	35	1,311	21
1,824	1,599	8	99	471	1,366	3,063	230	14,440	29,532	22
308	526	.....	88	385	969	2,400	30	14,031	10,083	23
1,426	1,073	8	13	86	397	663	200	409	19,449	24
64	1,216	2	109	326	53,151	11,151	50	45	688	25
1,229	4,264	28	1,495	4,168	15,486	78,076	29	585	46,840	26
3,566	25,993	573	5,558	59,806	442,855	1,071,156	13,624	400,258	516,218	27
204	2,692	25	245	5,640	13,585	330,092	2,325	3,796	148,848	28
42,023	235,605	757	38,472	243,761	175,800	1,091,704	61,617	505,600	2,786,382	29
1,066	6,020	290	9	25	1,063	3,624	166	493	46,493	30
694	9,820	.....	108	1,092	24,339	90,189	408	2,785	5,040	31
165	801	5	47	355	2,985	8,428	44	6,527	89,060	32
10,008	103,315	16	7,488	110,412	6,399	658,919	94,940	329,761	807,664	33
50	474	26	.....	.....	654	682	.....	6	4,779	34
462	1,512	10	.....	.....	1,011	1,899	25	25	67,819	35
1,884	4,509	67	164	636	3,200	6,324	39	136	10,568	36
39	67	.....	.....	.....	5	98	.....	.....	72	37
2,018	4,123	63	920	1,638	2,323	16,616	52	509	5,757	38
1,058	16,486	.....	1,621	22,819	40,489	449,931	4,190	181,426	65,357	39
1,370	6,114	325	52	229	8,238	14,390	1,224	3,414	28,222	40
31	24	1	.....	.....	20	.....	.....	.....	113	41
285	2,287	42	12	37	2,531	8,805	5	10	3,532	42
339	2,081	264	.....	.....	2,990	2,387	.....	2,982	9,502	43
138	413	3	.....	.....	363	394	.....	2	2,617	44
44	152	11	.....	.....	161	.....	.....	31	600	45
533	1,157	4	40	192	2,254	2,714	1,219	389	11,858	46
168	229	92	12	165	238	353	33	244	9,868	47
411	4,236	.....	500	3,690	18,447	65,588	.....	17,703	5,668	48
422	4,579	.....	106	19,456	2,005	83,651	815,322	1,410	4,499	49
3,758	79,886	.....	777	13,225	12,749	349,612	1,306	71,375	54,397	50
210	4,384	8	41	608	10,356	41,966	730	49,621	81,475	51
846	11,813	.....	548	9,030	2,174	74,415	.....	12,761	29,389	52

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Fire extinguishers, chemical.....	22	855	.....	.....	3	11	.....	.....
2	Fireworks.....	24	1,005	12	535	3	30	2	40
3	Flags and banners.....	64	778	3	225	2	42	1	50
4	Flavoring extracts.....	183	3,376	11	455	10	103	1	1
5	Flax and hemp, dressed.....	18	1,920	14	1,455	1	80	.....	.....
6	Flour-mill and gristmill products..	10,673	876,405	2,982	329,589	3,427	96,291	4,690	186,087
7	Food preparations, not elsewhere specified.	1,675	150,230	476	51,893	281	5,337	14	790
8	Breadstuff preparations, such as cereals and breakfast foods.	93	47,372	29	14,917	5	104	3	77
9	Lard compounds and other substitutes.	25	10,005	80	7,423	1	150	.....	.....
10	Macaroni, vermicelli, and noodles.	533	16,709	32	3,500	169	2,506	0	270
11	Meat products, not elsewhere specified.	60	3,741	22	758	3	14	.....	.....
12	Peanut butter.....	53	1,172	2	56	2	23	.....	.....
13	Sweetening sirups, other than cane.	141	8,656	117	6,181	30	287	1	6
14	All other preparations for human consumption.	490	16,049	80	6,697	26	609	4	443
15	Prepared feed for animals and fowls.	275	46,526	105	12,361	45	1,584	.....	.....
16	Foundry and machine-shop products.	10,597	1,054,840	2,570	313,066	2,158	53,717	238	13,445
17	Boiler shops.....	480	73,813	338	35,090	135	5,818	4	410
18	Foundries.....	1,322	226,533	421	53,341	145	5,494	32	1,081
19	Machine shops.....	7,841	558,364	1,213	160,052	1,659	33,127	150	9,731
20	Machine shop and foundry combined.	954	196,130	568	64,580	219	9,278	43	2,223
21	Foundry supplies.....	62	6,328	21	2,640	11	465	5	315
22	Fuel, manufactured.....	11	5,180	14	1,845	.....	.....	.....	.....
23	Fur goods.....	1,616	5,327	6	970	2	14	1	3
24	Furnishing goods, men's.....	408	5,665	30	2,644	11	140	3	75
25	Neckwear.....	257	1,272	2	400	.....	.....	.....	.....
26	All other.....	151	4,303	28	2,244	11	140	3	75
27	Furniture.....	2,756	262,703	1,237	165,197	210	4,279	80	4,713
28	Wood, other than rattan and willow.	1,993	208,183	1,066	138,605	136	2,713	75	4,018
29	Rattan and willow.....	64	3,815	7	1,624	7	119	.....	.....
30	Metal.....	148	19,581	43	9,358	19	433	2	130
31	Store and office fixtures.....	551	31,124	121	15,610	48	1,014	8	505
32	Furs, dressed.....	124	5,621	25	1,892	5	52	.....	.....
33	Galvanizing.....	40	1,631	7	148	6	457	.....	.....
34	Gas and electric fixtures.....	301	9,910	34	4,172	27	588	5	162
35	Gas fixtures.....	49	1,769	9	911	7	110	1	2
36	Electric fixtures.....	168	4,520	13	1,296	10	248	.....	.....
37	Combination gas and electric fixtures.	62	2,995	12	1,065	9	180	4	160
38	All other.....	22	626	.....	.....	1	50	.....	.....
39	Gas, illuminating and heating.....	767	238,467	3,518	197,321	151	7,574	13	196
40	Gas machines and gas and water meters.....	97	8,601	7	575	33	1,714	.....	.....
41	Gas and water meters.....	33	4,370	5	535	17	1,068	.....	.....
42	Gas machines.....	44	3,496	2	40	15	638	.....	.....
43	All other.....	20	735	.....	.....	1	8	.....	.....
44	Glass.....	359	207,430	435	99,140	371	52,377	228	2,457

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).			
Electric.	Other.	Anthra- cite (tons of 2,240 lbs.).						Bitumi- nous (tons of 2,000 lbs.).		
Motors.	Horse- power.	Horse- power.	Num- ber.	Horse- power.						
87	844				110	867	108	8	6,604	1
65	400		26	40	687	6,253	230	876	625	2
180	461		9	15	240	780		120	2,427	3
715	2,817		40	80	1,409	7,809	30	122	21,008	4
23	385		1	10	55	16,781	21		842	5
9,667	203,497	941	1,826	46,113	57,034	1,682,494	5,134	730,189	1,157,455	6
8,798	91,043	561	2,110	21,155	65,048	456,951	10,422	113,137	976,218	7
2,082	31,894	380	1,057	11,554	9,165	121,938	1,957	5,445	33,142	8
212	2,432		210	2,618	20,283	119,317	2,157	61,107	8,170	9
2,203	10,357	16	327	2,043	13,563	25,530	648	2,406	110,183	10
725	2,879	90			1,702	15,333	107	1,416	46,572	11
230	1,093				287	1,257	150	378	308,612	12
262	2,167	15	120	1,068	3,285	42,664	260	27,460	40,617	13
1,594	8,300		315	1,939	5,485	67,009	3,623	5,807	371,498	14
1,481	32,521	60	75	1,333	2,278	63,903	1,520	9,118	57,424	15
63,061	660,037	14,575	25,197	293,758	302,869	3,702,807	1,377,563	2,280,310	21,833,693	16
2,388	31,529	996	2,294	32,247	17,754	289,597	38,970	61,343	180,980	17
12,793	166,229	385	2,441	37,839	45,296	1,207,086	804,283	1,007,574	6,323,554	18
37,269	342,548	12,906	13,647	150,233	164,537	1,585,414	242,772	845,049	13,073,050	19
10,611	119,731	318	6,815	73,439	75,282	620,710	291,478	360,344	2,247,109	20
201	2,907	1	31	588	1,735	17,753	6,153	761	85,755	21
154	3,335		8	220	7,047	4,445	675			22
5,785	4,340				4,800	3,523	14	22	14,361	23
1,737	2,800	6	339	1,242	3,892	7,651	10	4,704	8,451	24
1,185	872		20	177	575	768	10		1,702	25
552	1,928	6	319	1,065	3,317	6,883		4,704	6,749	26
12,962	86,527	1,987	6,584	50,194	36,346	832,562	13,000	24,015	321,982	27
9,449	61,319	1,528	4,593	32,529	26,434	635,953	3,340	5,388	163,763	28
829	2,072		105	400	481	13,444	35	25	3,569	29
1,088	9,571	29	1,051	11,307	5,054	98,870	9,312	17,691	165,027	30
2,066	13,565	430	835	5,958	4,377	84,295	313	911	49,623	31
544	3,477	200	50	332	4,405	14,603	142	60	3,359	32
133	966	60	106	1,048	5,033	3,616	4,298	1,179	111,332	33
908	4,734	254	385	2,082	7,039	30,617	1,044	1,948	116,873	34
133	686	60	177	505	652	12,622	58	396	76,584	35
588	2,796	180	34	237	2,096	7,593	271	598	26,001	36
108	681	9	174	1,850	4,151	9,946	715	608	12,610	37
79	571	5			140	486		436	1,678	38
1,413	33,363	13	1,822	22,040	1,388,467	7,383,687	1,497,435	19,195,800	641,288	39
700	6,297	15	155	1,174	5,716	8,586	1,533	2,659	69,811	40
401	2,752	15	105	862	5,524	4,941	1,330	2,251	59,796	41
232	2,818		50	312	146	2,993	141	408	6,226	42
67	727				46	652	62		3,789	43
3,397	52,864	62	6,323	90,261	15,288	2,653,654	131,998	910,119	38,500,857	44

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	POWER AND FUEL USED.							
	Primary power.							
	Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
			Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1 Glass, cutting, staining, and ornamenting.	475	5,110	13	628	32	352	2	39
2 Decalcomania work on glass.	14	173			1	25		
3 All other.	461	4,937	13	628	31	327	2	39
4 Gloves and mittens, cloth, not including gloves made in textile mills.	169	3,364	10	387	14	124		
5 Gloves and mittens, leather.	300	3,288	14	918	17	73	11	302
6 Glucose and starch.	52	52,846	120	47,576	13	345	8	530
7 Glucose.	7	34,640	45	32,206				
8 Starch.	45	18,206	75	15,370	13	345	8	530
9 Glue, not elsewhere specified.	48	16,979	84	16,184	5	102		
10 Glue.	41	14,254	75	13,564	4	98		
11 All other products.	7	2,725	9	2,620	1	4		
12 Gold and silver, leaf and foil.	51	408	2	65	8	26		
13 Gold and silver, reducing and refining, not from the ore.	72	3,279	10	1,077	10	94		
14 Graphite, ground and refined.	24	7,445	17	2,468	4	233	6	475
15 Grease and tallow, not including lubricating greases.	353	25,584	385	18,243	38	339		
16 Soap stock.	155	10,517	165	7,357	24	198		
17 Tallow.	152	10,880	168	8,469	10	103		
18 All other.	46	4,207	52	2,417	4	38		
19 Grindstones.	23	3,631	86	2,476	24	446		
20 Haircloth.	15	1,153	6	620			2	296
21 Hair work.	43	119	2	70				
22 Hammocks.	6	92			1	50		
23 Hand stamps.	211	1,474	7	517	2	12	1	4
24 Hardware.	519	67,589	206	29,906	63	1,766	32	1,556
25 Locks.	71	4,390	13	2,555	8	208		
26 Builders' hardware.	131	30,181	80	14,561	15	412	6	485
27 Piano and organ hardware.	16	667	6	325	3	100	2	35
28 Vehicle hardware.	51	9,963	25	2,050	8	247	2	32
29 All other.	250	22,388	82	10,415	29	769	22	1,004
30 Hardware, saddlery.	36	7,161	21	5,306	12	209	2	80
31 Hat and cap materials.	107	4,927	24	3,607	6	65	5	205
32 Hats and caps, other than felt, straw, and wool.	654	1,687	6	158	2	7		
33 Hats, fur-felt.	159	20,380	99	15,251	2	10	1	120
34 Hats, straw.	137	3,392	28	1,776	3	131	2	240
35 Hats, wool-felt.	33	2,696	15	1,874			3	365
36 Hones and whetstones.	11	1,164	5	705	4	69	6	285
37 Horseshoes, not made in steel works or rolling mills.	16	3,874	10	2,463	5	116	2	175
38 House-furnishing goods, not elsewhere specified.	402	12,240	36	5,427	13	163	5	562
39 Comforts and quilts.	71	3,967	13	2,230	3	40	3	487
40 Feather pillows and beds.	37	2,693	10	1,447	2	3		
41 Cotton batting, not made in cotton mills.	9	905	3	175	1	10		
42 Mops and dusters.	51	403	1	20	1	5		
43 All other.	234	4,281	9	1,555	6	105	2	75
44 Ice, manufactured.	2,778	572,970	4,434	400,942	435	28,003	58	2,542
45 Ink, printing.	89	10,353	28	5,335	16	681	3	29
46 Ink, writing.	23	610	4	381	4	38		

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.					Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).	
Electric.		Other.			Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).				
Motors.	Horse-power.	Horse-power.	Num-ber.	Horse-power.						
919	4,023	68	4	70	4,710	8,428	651	2,150	92,195	1
22	148	.....	.....	.....	66	711	.....	2	12,498	2
897	3,875	68	4	70	4,644	7,717	651	2,148	70,697	3
733	2,853	.....	40	192	1,056	10,557	42	59	3,666	4
749	1,995	.....	18	60	2,652	10,507	128	100	8,730	5
142	3,585	810	2,866	44,150	113,141	859,133	14,822	17,546	23,335	6
60	2,434	.....	1,501	22,879	112,804	561,610	10,381	17,518	23,335	7
82	1,151	810	1,355	21,271	337	297,514	4,441	28	.....	8
62	693	.....	818	11,201	11,420	324,287	1,092	1,490	4,699	9
58	592	.....	628	9,326	5,212	258,741	592	1,288	4,670	10
4	101	.....	190	1,875	6,208	65,546	500	202	29	11
87	317	.....	1	5	1,177	177	141	11	754	12
388	1,970	138	18	162	430	4,280	4,168	14,678	16,751	13
114	4,269	.....	6	122	5,206	7,688	.....	233	115	14
408	6,962	40	339	5,796	21,133	337,311	344	82,235	266,411	15
196	2,962	.....	116	1,501	13,303	150,278	152	47,629	218,405	16
153	2,268	20	189	3,592	7,418	129,381	192	31,320	48,000	17
59	1,732	20	37	703	412	57,652	.....	3,286	6	18
21	709	.....	5	170	.....	13,610	.....	65	20,089	19
10	146	181	.....	.....	963	2,335	.....	57	.....	20
45	49	.....	.....	.....	17	832	16	2	7,608	21
7	42	.....	.....	.....	17	608	.....	120	.....	22
549	941	.....	105	278	1,488	4,147	19	18	20,080	23
3,295	33,866	495	846	11,200	37,933	248,791	29,368	82,688	1,222,146	24
185	1,589	38	95	1,094	4,566	7,024	797	1,097	7,292	25
893	14,628	65	304	5,134	15,637	110,747	17,631	45,431	23,416	26
25	197	10	1	5	215	1,956	2	12	3,259	27
897	7,543	91	36	746	3,046	58,666	1,040	27,589	1,125,465	28
1,355	9,909	291	350	3,621	13,869	70,398	9,889	8,559	62,714	29
82	1,551	15	113	2,865	3,563	37,662	7,108	3,515	8,932	30
352	1,050	.....	132	629	8,993	9,385	542	8	2,114	31
1,705	1,622	.....	16	15	988	942	28	30	34,991	32
705	4,996	12	1,084	4,635	57,297	75,038	1,130	4,050	26,649	33
493	1,235	10	155	962	4,573	20,814	62	463	8,688	34
111	456	2	53	490	788	10,297	30	17	4,507	35
7	105	.....	20	261	7	2,378	.....	57	225	36
68	1,120	.....	14	195	4,147	19,337	50	5,033	612	37
1,335	5,705	392	198	926	6,156	21,748	113	2,120	48,966	38
194	1,210	.....	21	41	1,676	5,840	3	110	465	39
160	1,243	.....	75	426	2,480	6,136	74	1,625	894	40
50	718	2	.....	.....	60	2,138	.....	12	.....	41
121	373	5	5	45	76	499	.....	2	1,727	42
810	2,161	385	97	414	1,894	7,135	36	371	45,880	43
5,658	132,438	3,045	2,511	26,114	205,875	3,309,636	32,327	1,633,549	6,170,964	44
284	4,184	124	199	2,725	7,059	25,177	310	6,351	19,412	45
109	191	.....	60	265	1,032	1,071	3	3	870	46

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	POWER AND FUEL USED.							
	Primary power.							
	Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
			Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1 Instruments, professional and scientific.	320	13,020	25	3,204	29	395	1	25
2 Medical and surgical.	113	2,628	7	1,010	12	213	1	25
3 Optical.	12	1,312			1	4		
4 All other.	195	9,080	18	2,194	16	178		
5 Iron and steel, blast furnaces.	193	1,581,432	2,300	1,249,817	137	283,015	10	371
6 Iron and steel, steel works and rolling mills.	499	3,820,917	5,418	2,856,550	141	257,473	33	9,041
7 Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	141	49,950	84	15,051	22	1,661	10	690
8 Iron and steel, cast-iron pipe.	58	28,741	90	11,297	1	4	1	200
9 Iron and steel, doors and shutters.	51	4,013	8	1,105	6	225	3	350
10 Iron and steel, forgings, not made in steel works or rolling mills.	239	101,951	216	24,808	35	1,602	7	848
11 Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.	61	8,974	21	3,495	8	297	16	696
12 Cut nails and spikes.	6	1,502	1	1,000	3	144	3	205
13 Wire nails and spikes.	25	2,918	6	530	2	68	2	75
14 Forged nails and spikes.	5	1,177	1	175	2	35	6	200
15 All other, including tacks.	25	3,377	13	1,790	1	50	5	216
16 Iron and steel, tempering and welding.	432	8,804	14	877	45	603		
17 Treated iron and steel.	32	5,529	5	595	3	90		
18 Welding.	400	3,275	9	282	42	513		
19 Iron and steel, wrought pipe.	47	23,925	61	13,306	3	150		
20 Ivory, shell, and bone work, not including combs and hairpins.	42	954	8	407	4	53	1	25
21 Japanning.	29	311	1	25				
22 Jewelry.	1,809	10,389	28	1,647	31	545	3	114
23 Jewelry and instrument cases.	107	1,091	2	200	8	102		
24 Jute goods.	26	32,135	30	14,520	1	12	9	13,046
25 Knit goods.	1,962	151,601	589	76,003	53	814	236	12,941
26 Labels and tags.	103	4,061	8	1,317	11	405	1	2
27 Lamps and reflectors.	152	12,708	14	1,867	14	581	2	65
28 Automobile lamps.	33	7,516	2	700				
29 All other lamps.	108	4,751	12	1,197	12	531	2	65
30 Reflectors.	11	441			2	50		
31 Lapidary work.	115	680			2	6		
32 Lard, not made in slaughtering and meat-packing establishments.	4	40	2	25				
33 Laths.	63	5,842	24	3,385	9	106	1	20
34 Lead, bar, pipe, and sheet.	29	5,537	23	3,090	1	65		
35 Leather goods, not elsewhere specified.	438	3,902	17	696	17	217	5	26
36 Leather, tanned, curried, and finished.	656	218,238	1,239	150,800	69	6,438	26	2,029
37 Lime.	301	51,735	329	19,946	139	2,944	4	250
38 Linen goods.	10	6,069	11	2,966	8	121	16	1,580
39 Liquors, distilled.	29	16,494	87	7,599	3	32	1	600
40 Alcohol, grain, including pure, neutral, or cognac spirits.	24	10,296	79	6,649	2	28	1	600
41 Rum, whisky, and other distilled liquors.	5	6,198	8	950	1	4		
42 Liquors, malt.	718	324,481	3,049	276,441	34	3,651	29	194
43 Liquors, vinous.	214	5,189	45	879	124	596	1	12
44 Lithographing.	202	18,624	50	6,442	11	575		

UNITED STATES, BY INDUSTRIES: 1910—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil including gasoline (barrels).	Gas (1,000 cubic feet).			
Electric.	Other.	Anthra- citic (tons of 2,240 lbs.).						Bitumi- nous (tons of 2,000 lbs.).		
Motors.	Horse- power.		Horse- power.	Num- ber.					Horse- power.	
1,884	9,357	39	805	2,699	25,192	20,183	58	1,374	103,237	1
390	1,309	11	101	574	3,397	4,683	1	62	13,991	2
100	1,308				6	64			5,113	3
1,394	6,680	28	704	2,125	21,789	15,436	57	1,312	84,133	4
1,004	48,204	25	6,440	104,350	42,779	2,261,315	32,424,625	51,324	1,184,953	5
22,053	695,097	2,750	63,427	1,055,499	598,944	25,911,098	886,062	8,490,982	90,678,288	6
2,286	32,557		524	13,830	10,066	152,630	6,551	210,746	656,280	7
948	17,240		1,158	18,253	27,374	96,387	256,781	1,077	5,388	8
334	2,333		29	667	1,491	7,803	69	300	7,707	9
4,948	73,738	955	1,130	16,955	26,972	717,801	65,021	1,214,040	1,043,895	10
270	4,483	3	32	837	6,100	18,003	240	5,690	10,005	11
8	153		3	85	273	3,769		1,617	3,272	12
134	2,242	3			1,061	4,689	5	315	1,999	13
38	767				13	2,252	135	1,093	3,090	14
90	1,321		29	752	4,753	7,293	100	2,671	1,734	15
853	7,315	9	13	122	892	11,036	1,093	8,844	129,949	16
199	4,844		10	70	112	8,710	450	5,396	41,883	17
654	2,471	9	3	52	780	2,325	643	3,448	88,066	18
955	10,460		1,447	18,718	45,879	270,488	13,771	27,696	189,173	19
100	394	75	1	25	865	1,967	3	5	5,095	20
90	281	5			436	620	83	55	19,587	21
5,985	12,790	1,293	280	2,960	5,711	12,306	254	7,065	195,539	22
284	773	16	19	59	397	1,156	15	1,863	7,198	23
151	4,557		309	13,076	9,994	20,765		79	3,000	24
10,028	59,680	2,163	4,581	31,457	102,024	584,787	1,654	7,526	73,068	25
847	2,809	28	606	2,519	1,438	8,159	3	913	17,058	26
1,204	10,109	86	70	865	1,619	22,918	480	4,081	58,270	27
574	6,809	7	36	440	44	10,809		1,614	12,222	28
590	2,909	79	43	425	1,156	11,721	475	1,166	41,708	29
40	391				419	388	5	1,301	4,280	30
616	674				54	23		24	2,121	31
3	15					53			136	32
261	2,028	303	183	2,059	1,650	11,864	15	193	1,054	33
82	2,382		134	1,984	10,636	10,449	220	898	12,466	34
1,145	2,901	62	46	180	2,308	5,964	115	801	8,351	35
4,329	58,494	477	6,272	85,441	80,722	1,448,166	3,740	89,232	211,404	36*
1,161	28,595		172	3,560	57,112	872,910	102,788	26,820	53,835	37
204	1,402		33	1,095	3,512	13,519		200		38
177	8,263		170	2,318	1,052	134,336	3,430	288,195		39
152	3,010		166	2,293	1,038	131,231	3,430	275,193		40
25	5,244		13	25	14	3,105		13,002		41
4,678	41,814	2,301	9,861	68,911	346,914	1,692,067	14,527	329,849	392,964	42
498	3,702		18	20	8,202	1,828	14	27,407	398	43
3,475	11,538	74	1,886	7,424	12,399	80,770	1,421	3,407	35,408	44

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.	POWER AND FUEL USED.							
	Primary power.							
	Number of establishments reporting.	Total primary horsepower.	Owned by establishments reporting.					
			Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
			Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1 Locomotives, not made by railroad companies.	17	97,187	86	34,065	5	3,355	.....	.....
2 Looking-glass and picture frames.	219	4,680	17	1,431	3	19	.....	.....
3 Lubricating greases.	41	2,178	11	1,162	8	293	.....	.....
4 Lumber and timber products.	25,185	2,358,037	33,603	2,180,798	1,722	28,228	1,384	62,447
5 Lumber, planing-mill products, not including planing mills connected with sawmills.	5,232	419,671	2,720	234,959	741	15,283	126	4,633
6 Machine tools.	397	100,433	140	26,075	55	2,240	16	1,033
7 Malt.	54	27,483	90	18,272	.....	.....	3	450
8 Marble and stone work.	3,338	170,132	1,011	60,083	766	10,175	29	4,891
9 Monuments and tombstones.	2,537	51,328	121	7,171	639	6,790	18	513
10 Other marble and stone work, except slate.	684	101,220	700	43,013	122	3,331	7	4,170
11 Roofing slate.	70	10,678	138	6,219	2	23	.....	.....
12 Other slate products.	47	6,906	52	2,780	3	31	4	208
13 Matches.	21	12,947	32	9,563	1	4	.....	.....
14 Mats and matting, from cocon fiber, grass, and coir.	12	1,670	7	1,265	1	70	.....	.....
15 Mattresses and spring beds, not elsewhere specified.	907	23,469	41	3,847	60	1,001	10	381
16 Millinery and lace goods, not elsewhere specified.	2,244	12,482	45	3,248	21	254	8	170
17 Embroideries.	800	3,328	4	145	7	95	1	40
18 Trimmed hats and hat frames.	706	4,843	22	1,679	2	8	1	35
19 Dress and cloak trimmings, braids, and fringes.	102	839	4	355	6	73	2	25
20 Women's neckwear.	137	523	.....	.....	.....	.....	.....	.....
21 All other.	499	2,940	15	1,069	6	78	4	70
22 Millstones.	3	132	1	60	1	12	.....	.....
23 Mineral and soda waters.	4,806	41,764	411	12,645	729	3,277	52	97
24 Mineral and carbonated waters.	4,608	34,960	346	7,645	705	3,155	52	97
25 Fruit beverages.	70	4,071	45	2,406	15	92	.....	.....
26 All other.	68	2,724	20	2,504	9	30	.....	.....
27 Minerals and earths, ground or otherwise treated.	403	127,074	807	61,367	149	4,456	52	5,712
28 Mirrors, framed and unframed, not elsewhere specified.	155	4,328	30	2,015	11	173	1	1
29 Models and patterns, not including paper patterns.	853	13,869	10	4,903	62	773	2	20
30 Motorcycles, bicycles, and parts.	48	14,806	20	3,970	4	77	2	90
31 Mucilage, paste, and other adhesives, not elsewhere specified.	90	3,242	33	1,373	5	108	2	158
32 Mucilage and paste.	33	1,028	13	413	1	10	.....	.....
33 All other.	57	2,214	20	960	4	98	2	158
34 Musical instruments and materials, not elsewhere specified.	162	3,286	5	142	13	88	5	100
35 Musical instruments, organs.	62	3,251	14	1,360	8	188	.....	.....
36 Musical instruments, pianos.	173	28,732	147	19,822	6	623	1	100
37 Musical instruments, piano and organ materials.	106	15,821	57	9,730	11	469	13	336
38 Piano materials.	91	15,519	57	9,730	10	463	12	321
39 Organ materials.	15	302	.....	.....	1	6	1	15
40 Needles, pins, and hooks and eyes.	91	8,467	23	4,125	1	4	14	822
41 Nets and seines.	16	950	4	730	1	25	.....	.....
42 Oakum.	6	533	7	410	.....	.....	2	50
43 Oil and cake, cottonseed.	708	290,636	1,098	195,356	126	10,857	12	1,512

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.					Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).	
Electric.		Other.								
Motors.	Horse- power.		Horse- power.	Num- ber.	Horse- power.	Anthra- cite (tons of 2,240 lbs.).				
2,927	50,084	683	2,836	50,789	33,863	339,071	28,202	154,842	78,202	1
740	3,206	30	10	27	2,490	12,408	10	86	21,339	2
94	723		40	981	109	7,302	27	581	678,284	3
4,013	83,872	3,592	8,388	195,606	15,386	1,620,058	0,221	857,627	20,347	4
10,044	162,195	2,601	3,522	37,499	35,730	586,979	23,294	63,241	363,963	5
7,751	70,037	139	3,657	28,780	17,513	196,071	28,871	65,143	335,130	6
410	8,761		589	12,618	38,863	134,992	12,456	12,600	107	7
0,065	04,028	955	603	12,005	30,457	281,523	928	20,773	119,624	8
3,222	36,154	700	127	1,517	8,622	58,025	436	8,493	103,726	9
2,485	40,551	255	522	10,398	11,865	188,304	490	9,666	14,935	10
221	4,436		14	90	5,966	26,410		2,639	176	11
137	3,887				4,004	8,694			787	12
472	3,380		1,484	6,531	1,640	49,550	106	6,351	331	13
135	345		35	355	28	6,087			38	14
3,541	18,158	82	162	1,156	5,275	30,485	850	8,323	43,564	15
7,382	8,738	72	362	1,369	14,400	31,073	159	1,226	67,091	16
3,013	3,046	2	27	59	7,687	4,202	27	107	8,398	17
2,044	3,076	45	196	794	2,397	21,241	123	324	34,154	18
244	386		25	125	1,217	263			3,173	19
669	523				140	80		407	4,439	20
1,412	1,707	25	114	391	2,959	5,287	9	388	16,927	21
2	60				3	780		60		22
8,657	25,148	507	517	2,031	16,759	109,525	990	71,149	164,282	23
8,228	23,475	507	225	678	16,327	92,740	935	32,057	163,085	24
327	1,483		183	600	112	14,513		2,890	562	25
102	190		109	753	320	2,272	55	36,202	635	26
1,473	55,520	10	196	5,928	20,821	514,900	5,165	120,085	1,006,579	27
334	2,044	95	68	382	2,536	13,427	62	962	23,621	28
1,030	8,054	119	8	54	2,251	4,959	2,116	330	42,621	29
963	10,283	386	54	1,350	5,365	38,280	3,008	24,393	117,642	30
185	1,563	40	25	324	1,553	10,423	140	77	12,158	31
83	565	40	20	269	989	4,800			401	32
102	998		5	55	564	5,623	140	77	11,757	33
1,030	2,889	67	21	27	1,312	8,816	56	267	35,031	34
455	1,697	6	131	409	1,047	7,796	52	485	15,557	35
1,607	8,162	35	1,049	9,118	17,571	144,707	1,074	942	6,123	36
757	5,181	105	647	4,209	8,837	32,053	4,728	1,144	60,448	37
662	4,900	105	647	4,209	8,721	31,285	4,728	1,134	33,894	38
95	281				116	768		10	26,554	39
715	3,472	44	216	2,431	4,420	21,393	16	2,345	26,790	40
94	204		65	312	419	3,089		24		41
6	73				35	883	1,018	39		42
1,964	82,256	655	438	11,144	34,763	1,172,175	10,262	394,219	1,527,974	43

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Oil, essential.....	33	1,833	37	1,512	13	120	2	50
2	Oil, linseed.....	26	17,621	33	9,175	.....	.....	1	250
3	Oil, not elsewhere specified ¹	224	30,075	280	21,740	38	674	1	4
4	Vegetable.....	63	15,250	104	9,968	12	447	1	4
5	Animal.....	36	9,595	92	9,088	10	61	.....	.....
6	Mineral.....	25	1,573	16	609	9	100	.....	.....
7	Composite.....	100	3,657	74	1,966	7	66	.....	.....
8	Oilcloth and linoleum, floor.....	20	23,500	112	14,321	1	2	.....	.....
9	Oilcloth, enameled.....	11	4,501	8	950	.....	.....	.....	.....
10	Oleomargarine and other butter substitutes.....	41	9,435	42	5,151	1	12	1	25
11	Optical goods.....	492	15,710	10	4,756	6	56	2	54
12	Ordinance and accessories.....	25	40,652	31	8,300	5	187	1	200
13	Paints.....	551	73,702	293	33,224	57	2,492	20	959
14	Paper and wood pulp.....	722	1,851,014	3,157	608,983	37	3,191	2,558	910,863
15	Paper exclusively.....	402	561,698	1,701	377,010	23	2,715	756	112,916
16	Pulp exclusively.....	90	143,371	148	24,473	5	87	278	108,449
17	Paper and pulp.....	170	1,145,945	1,218	297,500	9	389	1,524	689,498
18	Paper goods, not elsewhere specified.....	284	35,538	80	17,688	17	255	12	2,260
19	Playing cards.....	8	2,377	9	2,045	.....	.....	.....	.....
20	All other.....	276	33,161	71	15,043	17	255	12	2,260
21	Paper patterns.....	6	68	.....	.....	.....	.....	.....	.....
22	Patent medicines and compounds.....	980	25,677	136	10,187	65	744	9	53
23	Patent and proprietary medicines.....	664	16,797	76	6,787	36	388	6	22
24	Patent and proprietary compounds, not elsewhere specified.....	316	8,880	60	3,400	29	356	3	31
25	Paving materials.....	852	191,543	1,458	105,581	205	4,104	9	607
26	Peanuts, grading, roasting, cleaning, and shelling.....	77	7,351	38	4,015	6	313	.....	.....
27	Pencils, lead.....	12	8,099	16	4,615	2	48	.....	.....
28	Pens, fountain and stylographic.....	52	1,517	3	635	8	86	2	100
29	Pens, gold.....	15	160	.....	.....	.....	.....	.....	.....
30	Pens, steel.....	4	305	.....	.....	1	5	.....	.....
31	Perfumery and cosmetics.....	252	2,196	10	295	4	34	.....	.....
32	Petroleum, refining.....	237	238,906	2,460	144,743	647	42,647	20	131
33	Photographs and graphophones.....	147	40,168	54	21,973	8	396	2	175
34	Photo-engraving.....	399	3,800	1	25	3	58	1	1
35	Photographic apparatus.....	61	2,321	2	375	2	28	.....	.....
36	Cameras.....	10	652	1	125	1	3	.....	.....
37	Motion-picture machines.....	17	1,105	.....	.....	1	25	.....	.....
38	All other apparatus and parts.....	34	564	1	250	.....	.....	.....	.....
39	Photographic materials.....	124	26,458	53	13,526	5	68	.....	.....
40	Motion-picture films, not exposed.....	14	20,261	21	10,090	.....	.....	.....	.....
41	Motion-picture projection films.....	40	4,109	11	1,565	2	37	.....	.....
42	All other.....	70	2,028	21	1,271	3	31	.....	.....
43	Pickles, preserves, and sauces.....	591	22,500	211	12,579	131	1,190	1	50
44	Preserves.....	161	7,715	85	4,698	14	92	.....	.....
45	Pickles and sauces.....	430	14,785	126	7,881	117	1,098	1	50
46	Pipes, tobacco.....	48	2,001	9	700	4	49	.....	.....

¹ Includes "oil, castor" and "oil, lard," to avoid disclosing individual operations.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.											
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.						
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).				
Electric.	Other.										
Motors.	Horse-power.	Horse-power.	Number.	Horse-power.	Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).					
18	142	.....	47	350	8,943	5,384	.....	4,185	7,296	1
189	8,196	.....	123	2,679	31,893	73,871	85	.....	757	2
600	7,640	8	186	3,252	40,578	143,153	2,633	41,496	52,139	3	
170	4,801	.....	103	2,347	24,278	71,524	2,272	30,607	20,760	4
76	442	6	49	637	687	30,727	.....	4,721	.....	5
61	774	.....	6	85	193	4,330	.....	1,836	10,533	6
203	1,623	2	28	183	15,420	36,572	361	4,332	11,846	7	
773	9,186	.....	897	8,533	36,141	181,629	2,721	7,580	.....	8
438	3,301	250	60	200	3,342	16,558	52	8,675	.....	9
392	4,247	.....	199	2,103	5,821	41,172	11,086	6,240	1,771	10
3,728	10,783	61	.....	.....	2,082	19,024	31	5,805	374,421	11
1,838	31,965	.....	565	6,585	36,747	66,684	3,837	59,336	2,978,491	12
2,270	36,685	372	1,282	19,168	66,766	413,309	17,047	62,050	207,610	13	
6,001	236,662	1,315	11,755	346,024	869,948	7,863,150	63,384	2,120,114	286,660	14	
2,409	68,682	375	4,516	108,672	279,022	3,765,545	8,472	859,874	286,660	15	
182	10,112	250	577	21,881	16,752	502,075	.....	10,759	.....	16
3,410	157,893	690	6,662	216,371	574,174	3,595,580	54,912	1,249,481	.....	17
2,669	15,166	169	1,748	10,498	30,626	108,075	228	2,417	29,117	18	
73	332	.....	782	2,524	.....	10,725	.....	28	1,919	19
2,596	14,834	169	996	7,974	30,626	97,350	228	2,389	27,198	20	
37	68	.....	.....	.....	53	.....	.....	446	.....	21
2,784	14,425	268	851	4,621	43,033	106,045	775	11,844	102,410	22	
2,044	9,491	109	800	4,172	38,096	60,259	637	2,898	72,051	23	
740	4,934	159	51	449	4,937	45,786	138	8,946	30,359	24	
1,708	81,179	72	160	5,551	21,939	404,013	273	90,341	4,855	25	
262	3,023	.....	44	555	913	12,530	18	796	15,257	26
407	3,436	.....	200	2,681	15,500	9,142	511	1,736	5,014	27
351	671	25	61	545	620	2,770	.....	182	4,241	28
52	140	15	.....	.....	33	.....	.....	1	717	29
4	8	.....	18	87	4	2,141	2	.....	3,654	30
776	1,867	.....	7	19	1,732	5,354	13	5,139	18,237	31
3,576	51,385	.....	3,089	57,240	1,105,503	3,619,534	319,563	23,716,521	26,919,052	22
2,302	17,649	5	1,249	14,544	42,195	127,659	16	4,124	51,448	33	
2,899	3,716	.....	14	13	530	1,175	8	12	329,622	34
386	1,918	.....	74	274	928	3,158	16	84	950	35
154	524	.....	.....	.....	43	1,889	10	.....	189	36
138	1,080	.....	5	20	539	372	.....	80	12	37
94	314	.....	60	254	346	897	6	4	749	38
2,285	12,864	.....	2,777	10,372	5,856	127,928	68	1,176	20,378	39
1,118	9,571	.....	2,383	8,916	3,586	108,342	.....	817	5,093	40
833	2,567	.....	236	1,031	1,274	7,870	.....	24	8,482	41
334	726	.....	158	425	996	11,716	68	335	6,803	42
2,202	8,565	116	1,510	8,319	7,761	191,882	202	46,087	77,055	43	
747	2,845	80	324	1,367	4,126	71,021	174	22,777	36,320	44	
1,545	5,720	36	1,186	6,952	3,635	120,861	118	23,310	49,735	45	
188	1,252	.....	116	372	1,650	2,416	19	3	1,488	46

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Plated ware.....	64	14,252	38	8,018	7	200	10	512
2	Knives, forks, spoons, and other flatware.....	18	10,000	18	5,488	1	32	8	355
3	Hollow ware.....	27	3,085	15	1,805	3	100	2	157
4	All other.....	19	1,107	5	725	3	68		
5	Plumbers' supplies, not elsewhere specified.....	199	29,762	99	16,089	22	670	5	373
6	Pocketbooks.....	113	431						
7	Pottery.....	296	29,090	242	18,509	49	1,113	2	106
8	China ware.....	167	20,972	163	12,242	15	851	2	106
9	Earthen and stone ware.....	112	6,069	65	5,302	32	252		
10	All other.....	27	1,449	14	905	2	10		
11	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.....	87	4,016	36	1,951	4	107		
12	Printing and publishing, book and job.....	11,875	131,961	141	13,865	400	3,095	26	75
13	Job printing.....	11,351	123,788	121	11,817	304	2,942	24	74
14	Book publishing and printing.....	122	6,675	19	1,973	5	140		
15	Book publishing without printing.....	102	286	1	75				
16	Linotype work and typesetting.....	300	1,214			1	4	2	1
17	Printing and publishing, music.....	26	634			2	12		
18	Printing and publishing.....	20	573			1	10		
19	Publishing without printing.....	6	61			1	2		
20	Printing and publishing, newspapers and periodicals.....	12,735	194,361	229	25,066	3,927	13,277	160	784
21	Printing and publishing.....	1,163	85,008	86	15,614	117	1,259	4	14
22	Printing, publishing, and job printing.....	11,395	106,881	141	9,152	3,801	11,959	156	770
23	Publishing without printing.....	177	2,472	2	300	9	59		
24	Printing materials.....	74	1,357	11	213	4	83		
25	Pulp, from fiber other than wood.....	5	833	2	350			2	400
26	Pulp goods.....	38	12,273	53	6,752			17	2,015
27	Wall board.....	9	1,668	7	832			1	70
28	All other.....	29	10,606	46	5,920			16	1,945
29	Pumps, not including power pumps.....	110	10,346	26	2,025	21	809	5	209
30	Pumps, steam and other power.....	106	22,155	53	10,053	17	670	2	90
31	Steam.....	60	17,699	47	8,535	12	601	2	90
32	Other power.....	46	4,456	6	1,518	5	69		
33	Refrigerators.....	111	13,232	47	8,009	14	465		
34	Regalia, and society badges and emblems.....	81	1,333	2	260	4	53		
35	Rice, cleaning and polishing.....	86	27,382	94	18,881	21	697		
36	Roofing materials.....	133	39,327	138	15,847	8	253	12	2,145
37	Metal shingles and ceiling.....	22	861	1	100	3	177		
38	All other.....	111	38,466	137	15,747	5	76	12	2,145
39	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	404	354,188	455	194,459	30	3,367	37	2,534
40	Rules, ivory and wood.....	10	299	1	150	3	56	1	5
41	Saddlery and harness.....	1,026	8,212	25	1,279	55	282	2	38

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.					Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).	
Electric.		Other.			Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).				
Motors.	Horse-power.	Horse-power.								Number.	Horse-power.
504	5,482	40	624	5,386	7,973	45,675	241	10,288	47,040	1
423	4,125	.....	502	4,587	5,531	30,158	111	10,026	21,790	2
128	1,023	.....	98	681	1,422	11,898	50	242	14,025	3
43	334	40	24	118	1,020	3,619	80	20	11,225	4
1,110	12,563	67	736	7,505	7,391	146,178	32,999	54,895	204,429	5
370	431	.....	.....	.....	569	559	.....	1	1,355	6
1,263	9,312	50	824	4,835	34,958	610,502	1,017	41,853	6,645,388	7
1,036	7,723	50	797	4,526	33,644	484,928	975	25,461	5,337,658	8
141	1,115	.....	10	127	1,155	93,362	42	14,207	928,728	9
86	474	.....	17	182	159	32,272	.....	2,185	379,002	10
185	1,958	.....	69	253	82	19,944	10	745	14,515	11
66,733	114,441	485	2,932	9,396	38,453	126,443	1,421	8,709	760,737	12
63,476	108,468	485	2,505	8,292	31,329	118,825	1,346	7,180	516,859	13
1,778	4,553	.....	334	1,103	6,073	6,848	72	1,518	6,534	14
97	211	.....	.....	.....	736	434	.....	.....	3,457	15
1,382	1,209	.....	3	1	315	336	3	11	239,887	16
272	622	.....	.....	.....	160	1,103	.....	50	796	17
255	563	.....	.....	.....	3	1,054	.....	50	796	18
17	59	.....	.....	.....	157	49	.....	.....	.....	19
48,987	154,947	287	4,600	17,743	121,799	193,231	4,115	88,066	1,720,403	20
14,379	68,113	8	2,088	10,340	48,750	66,613	2,186	61,417	906,620	21
34,083	84,723	277	2,512	7,387	72,330	121,637	1,929	26,530	755,401	22
525	2,111	2	9	7	719	4,981	.....	119	58,382	23
320	1,055	6	9	18	1,722	1,916	.....	2	11,653	24
6	83	.....	.....	.....	294	3,710	.....	.....	.....	25
263	3,506	.....	201	3,022	1,835	198,142	160	618	1,477	26
57	766	.....	34	326	.....	13,561	.....	376	.....	27
206	2,740	.....	167	2,696	1,835	184,531	160	242	1,477	28
978	7,303	.....	133	1,211	1,453	24,530	6,936	768	91,380	29
1,067	11,282	60	262	3,624	19,551	70,101	17,823	22,254	40,376	30
675	8,413	60	158	1,427	19,092	54,091	14,053	21,819	18,430	31
302	2,869	.....	104	2,197	459	16,010	3,770	435	21,946	32
581	4,555	203	418	2,415	628	37,247	67	2,210	9,395	33
364	1,008	12	54	194	268	4,113	544	107	4,694	34
188	5,762	2,042	67	875	703	10,855	.....	55,066	.....	35
1,133	21,002	80	536	8,353	25,400	365,026	15,384	159,785	136,830	36
63	579	5	.....	.....	101	1,063	122	166	2,209	37
1,070	20,423	75	536	8,353	25,299	363,963	15,262	159,619	134,621	38
7,083	153,214	614	6,533	151,153	84,915	1,928,116	3,651	229,785	283,760	39
12	88	.....	.....	.....	13	904	.....	.....	1,856	40
1,890	6,606	7	35	245	1,613	20,821	126	437	22,877	41

TABLE 90.—DETAILED STATEMENT FOR THE
[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
		Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.		
1	Safes and vaults.....	33	5,342	11	1,240	5	150		
2	Safes.....	17	2,770	11	1,240				
3	Vaults.....	16	2,572			5	150		
4	Salt.....	75	43,187	370	34,309	49	981	7	55
5	Sand and emery paper and cloth.....	11	3,977	21	3,080			1	40
6	Sand-lime brick.....	31	4,358	32	3,770	8	48		
7	Sausage, not made in slaughtering and meat-packing establishments.....	586	12,713	72	2,058	35	560		
8	Sausage.....	514	11,079	63	1,880	31	503		
9	Sausage casings.....	72	1,634	9	169	4	57		
10	Saws.....	106	15,098	17	3,655	12	335	2	45
11	Scales and balances.....	74	7,451	6	620	13	301	2	40
12	Screws, machine.....	142	23,540	16	3,379	15	519		
13	Screws, wood.....	11	7,764	10	3,090				
14	Sewing-machine cases.....	5	10,656	17	9,550	3	1,050		
15	Sewing machines and attachments.....	38	21,379	28	18,115	4	172	6	382
16	Sewing machines.....	28	20,929	27	17,915	4	172	6	382
17	Attachments.....	10	450	1	200				
18	Shipbuilding, steel.....	157	475,567	343	95,634	58	2,671		
19	New vessels.....	102	441,056	259	88,924	40	2,488		
20	Concrete vessels.....	5	1,985	6	280	1	4		
21	Repair work only.....	45	32,183	76	5,780	4	79		
22	Small boats.....	5	343	2	50	4	100		
23	Shipbuilding, wooden, including boat building.....	777	73,144	446	26,166	403	4,348	5	71
24	New vessels.....	287	59,593	305	18,807	130	1,912	1	8
25	Repair work only.....	242	14,675	111	6,348	149	1,531	3	51
26	Small boats.....	227	3,370	28	941	121	880		
27	Masts, spars, oars, and rigging.....	21	506	2	70	3	25	1	12
28	Shirts.....	841	14,944	78	6,992	66	638	5	302
29	Show cases.....	109	4,423	10	800	7	112		
30	Signs and advertising novelties.....	306	7,730	23	2,843	23	290	3	46
31	Electric signs.....	35	531			4	89		
32	Other signs.....	159	3,016	7	1,240	10	91	2	11
33	Advertising novelties.....	112	4,183	16	1,603	9	119	1	35
34	Silk goods, including throwsters.....	1,332	176,825	504	85,221	51	1,966	60	8,327
35	Finished products.....	1,015	115,700	382	64,941	39	1,468	52	6,333
36	Throwsters and winders.....	317	61,125	122	23,280	12	498	17	1,994
37	Silversmithing and silverware.....	93	6,040	25	3,750	5	132	4	200
38	Slaughtering and meat packing.....	1,004	350,212	1,711	238,017	92	2,018	9	574
39	Slaughtering.....	343	28,586	223	12,645	38	299	3	21
40	Meat packing.....	121	11,061	58	4,205	7	262	1	8
41	Slaughtering and meat packing.....	540	319,595	1,430	221,167	47	1,457	5	545
42	Smelting and refining, copper.....	33	321,610	303	186,286	9	425	9	7,550
43	Smelting.....	20	173,996	145	106,590	8	375	2	1,400
44	Smelting and refining ¹	13	147,614	158	79,696	1	50	7	6,160
45	Smelting and refining, lead.....	25	52,565	65	24,905	3	84	1	350
46	Smelting.....	18	42,372	51	18,125	3	84	1	350
47	Smelting and refining ²	7	10,193	14	6,780				
48	Smelting and refining, metals, not elsewhere specified. ³	13	11,700	22	8,287				

¹ Includes 4 establishments engaged exclusively in refining.² Includes 2 establishments engaged exclusively in refining.

UNITED STATES, BY INDUSTRIES: 1919—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.											
Primary power—Contd.				Fuel used.							
Rented.			Electric motors run by current generated in the establishments reporting.		Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).		
Electric.		Anthracite (tons of 2,240 lbs.).			Bituminous (tons of 2,000 lbs.).						
Motors.	Horse-power.					Other.					Horse-power.
379	3,952	.....	139	515	1,459	10,924	545	6,760	10,928	1
101	1,530	.....	139	515	1,191	7,242	421	6,514	15,008	2
218	2,422	.....	.....	.....	268	3,681	124	246	1,920	3
381	6,706	1,136	745	8,065	81,251	957,447	6,920	143,627	45,085	4	
95	857	.....	43	370	9,385	9,792	.....	.....	.....	5
23	540	.....	3	20	1,200	21,673	28	1,270	.....	6
1,193	10,053	42	24	168	4,469	19,682	1,661	2,982	66,093	7	
1,022	8,645	42	24	168	4,005	16,612	1,636	2,018	49,388	8	
171	1,408	.....	.....	.....	464	3,070	25	61	10,795	9
988	11,011	52	57	640	816	39,531	1,253	30,423	69,293	10	
772	6,480	10	2	8	1,028	16,287	4,695	2,455	15,816	11	
2,498	19,619	23	118	2,172	1,610	36,492	136	14,459	110,153	12	
288	4,704	.....	22	679	9,909	10,127	113	3,550	3,550	13
12	56	.....	210	4,453	.....	28,057	2,074	.....	18,909	14
297	2,692	18	1,343	16,025	73,561	34,680	10,894	16,075	81,603	15	
256	2,412	18	1,326	15,905	73,561	32,357	10,894	16,725	79,203	16	
41	250	.....	17	120	.....	2,323	.....	250	2,400	17
18,206	377,862	.....	2,320	49,792	37,392	785,898	96,717	1,075,723	694,467	18
17,150	349,644	.....	2,290	49,337	39,683	737,606	89,327	1,061,034	693,911	19
157	1,701	.....	.....	.....	.....	1,379	10	1,493	.....	20
973	26,324	.....	26	447	6,511	46,535	10,377	13,189	556	21
16	193	.....	4	8	198	318	3	12	.....	22
2,628	47,119	440	146	1,362	12,842	82,815	973	58,123	6,994	23	
1,854	38,456	410	51	656	6,540	45,857	442	50,077	3,665	24	
457	6,730	15	90	530	5,308	31,782	516	7,459	1,865	25	
205	1,549	.....	5	176	966	5,146	15	589	1,994	26
52	384	15	.....	.....	22	30	.....	1	.....	27
2,539	6,958	54	572	2,533	18,343	33,049	443	2,879	56,404	28	
586	3,436	75	7	43	100	7,501	.....	184	7,701	29
1,628	4,526	10	483	1,214	2,495	34,032	395	4,629	35,453	30	
164	442	.....	.....	.....	231	2,048	8	59	7,137	31
459	1,603	11	71	321	722	10,950	114	4,332	15,342	32	
1,005	2,421	5	412	893	1,542	15,034	273	233	12,974	33	
22,579	75,234	3,077	12,731	32,748	306,165	269,717	1,002	46,506	44,724	34	
19,567	40,295	2,693	12,872	29,491	214,188	198,093	383	46,075	26,117	35	
3,012	34,939	414	359	3,257	91,977	71,024	619	431	19,607	36	
719	2,761	97	274	1,756	2,364	13,477	41	35,247	35,505	37	
8,954	117,913	990	7,537	95,635	222,891	3,802,849	32,170	1,912,519	1,291,318	38	
761	15,116	505	185	2,072	11,849	137,827	16	63,293	26,393	39	
942	6,586	.....	39	774	7,186	85,259	282	3,910	42,422	40
7,251	96,211	185	7,293	92,789	293,856	3,579,793	31,872	1,845,310	1,222,693	41	
2,932	127,349	.....	2,089	56,906	179,026	1,088,511	397,762	2,543,121	712,817	42
1,491	65,031	.....	1,058	28,322	1,632	469,546	306,058	1,894,812	.....	43
1,441	61,718	.....	1,631	28,534	177,394	627,965	91,704	648,309	712,817	44
856	24,329	2,897	244	8,206	7,276	292,806	321,442	202,088	20,040	45	
617	20,916	2,897	150	5,832	2,658	215,817	277,577	27,126	10,049	46	
239	3,413	.....	94	2,374	4,618	76,989	43,865	174,902	10,891	47
137	3,413	.....	311	5,217	8,201	72,074	38,429	149,939	1,092	48

* Includes "smelting and refining, antimony" and "smelting and refining, tin," to avoid disclosing individual operations.

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Smelting and refining, not from the ore.	61	7,921	23	2,590	11	435	.....	.....
2	Smelting and refining, zinc.....	39	73,604	202	56,832	46	3,264	.....	.....
3	Pigs, bars, plates, and sheets...	33	66,540	188	55,467	46	3,264	.....	.....
4	All other.....	6	7,064	14	1,365	.....	.....	.....	.....
5	Soap.....	263	33,710	240	24,787	12	291	1	40
6	Soda-water apparatus.....	58	4,146	6	781	5	335	.....	.....
7	Sporting and athletic goods.....	154	6,875	17	2,190	16	275	9	580
8	Spring, steel, car and carriage, not made in steel works or rolling mills.	111	16,585	32	3,417	16	1,079	6	215
9	Carriage and wagon.....	13	1,770	1	75	1	25	1	90
10	Railway.....	6	1,957	12	1,546	4	140	.....	.....
11	Automobile.....	65	8,628	6	1,016	7	444	5	125
12	Machinery and other.....	27	4,230	13	780	4	470	.....	.....
13	Stamped and enameled ware, not elsewhere specified.	315	51,441	129	20,602	48	2,498	3	64
14	Stamped ware.....	271	32,402	84	11,627	35	1,943	3	64
15	Enameled ware.....	35	14,934	38	7,975	13	1,455	.....	.....
16	Bathtubs.....	5	2,340	4	650	.....	.....	.....	.....
17	Lavatories and sinks.....	4	1,765	3	350	.....	.....	.....	.....
18	Stationery goods, not elsewhere specified.	180	8,342	18	1,349	9	179	4	285
19	Penholders.....	5	37	1	20	.....	.....	.....	.....
20	All other.....	175	8,305	17	1,329	9	179	4	285
21	Statuary and art goods.....	68	684	1	60	4	64	.....	.....
22	Steam fittings and steam and hot-water heating apparatus.	247	67,504	113	21,956	21	291	1	60
23	Radiators and cast-iron heating boilers	71	21,395	31	2,458	8	136	.....	.....
24	All other.....	176	46,109	82	18,498	13	155	1	60
25	Steam packing.....	159	26,763	100	20,637	20	372	.....	.....
26	Steel barrels, drums, and tanks..	30	10,554	17	1,865	6	440	.....	.....
27	Stencils and brands.....	64	374	1	18	2	5	.....	.....
28	Stereotyping and electrotyping....	166	9,613	1	35	3	31	8	400
29	Stoves and hot-air furnaces.....	373	49,479	162	20,490	39	1,901	4	102
30	Stoves and ranges.....	272	39,600	143	16,516	28	1,611	2	12
31	Hot-air furnaces.....	95	9,417	19	3,974	10	255	2	90
32	Fireless cookers.....	6	462	.....	.....	1	35	.....	.....
33	Stoves, gas and oil.....	147	11,295	26	4,310	23	391	1	2
34	Structural ironwork, not made in steel works or rolling mills.	1,073	165,347	232	39,798	236	10,768	3	210
35	Sugar, beet.....	85	127,394	659	117,469	19	259	1	35
36	Sugar, cane.....	186	101,861	1,103	98,823	172	3,028	1	8
37	Sugar, refining, not including beet sugar.	19	52,541	296	52,181	.....	.....	.....	.....
38	Sulphuric, nitric, and mixed acids..	37	30,637	127	12,672	15	1,755	1	25
39	Surgical appliances.....	182	12,387	27	7,710	8	151	4	435
40	Suspenders, garters, and elastic woven goods.	179	9,028	27	3,019	3	55	9	635
41	Textile machinery and parts.....	417	41,997	139	20,247	50	862	41	2,595
42	Theatrical scenery.....	12	104	.....	.....	.....	.....	.....	.....
43	Tin and other foils, not elsewhere specified.	15	6,991	8	1,835	3	80	.....	.....
44	Tin foil.....	12	6,990	8	1,835	3	80	.....	.....
45	Aluminum and other.....	3	1	.....	.....	.....	.....	.....	.....

UNITED STATES, BY INDUSTRIES: 1910—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.										
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.					
Rented.		Coal.			Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).			
Electric.	Other.									
Motors.	Horse-power.	Horse-power.	Number.	Horse-power.	Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).				
494	4,800	.....	11	1,951	26,839	55,353	10,203	48,832	36,532	1
630	13,508	.....	1,532	39,488	835,129	1,123,590	238,432	6,646	24,343,653	2
362	7,809	.....	1,519	39,098	795,904	1,020,013	236,587	6,536	22,788,806	3
277	5,690	.....	13	390	39,225	103,577	1,845	110	1,554,847	4
1,097	8,672	10	3,080	21,977	107,932	606,385	1,082	96,883	12,023	5
420	3,015	15	40	555	167	12,062	2,167	231	2,351	6
651	3,735	95	186	530	2,427	18,927	10	1,904	45,870	7
1,291	11,840	25	82	1,398	3,377	54,978	1,470	236,588	1,167,812	8
87	1,555	25	.....	.....	1,004	139	227	19,231	76,709	9
16	271	.....	32	448	.....	9,013	587	18,880	236,067	10
835	7,643	.....	.....	.....	1,491	23,511	225	142,725	783,456	11
358	2,980	.....	50	950	882	22,315	440	55,746	71,580	12
2,990	28,119	158	859	8,657	19,523	330,237	24,765	163,312	823,894	13
2,332	19,510	158	432	4,315	19,438	91,375	6,653	94,923	203,615	14
479	5,504	.....	403	3,942	85	224,714	9,477	54,351	398,175	15
96	1,690	.....	24	400	.....	3,555	5,092	13,636	146,164	16
53	1,415	.....	.....	.....	.....	10,593	3,543	402	75,940	17
2,263	6,529	.....	319	975	5,431	22,169	92	346	14,362	18
7	17	.....	.....	.....	18	302	.....	.....	.....	19
2,256	6,512	.....	319	975	5,413	21,867	92	346	14,362	20
129	558	2	31	253	1,223	1,880	100	43	41,248	21
4,154	45,187	10	799	13,045	34,490	208,393	147,474	126,134	299,975	22
1,451	17,801	.....	106	1,794	2,606	69,445	96,770	8,746	72,377	23
2,703	27,386	10	693	11,251	31,884	138,948	50,704	117,388	227,598	24
625	5,746	8	893	12,089	1,225	231,581	13,789	37,380	77,040	25
692	8,249	.....	155	401	444	20,960	3,333	5,318	26,340	26
140	351	.....	3	9	228	125	9	3	2,214	27
3,310	9,032	115	.....	.....	1,404	3,553	97	461	77,717	28
2,736	26,915	71	938	9,414	13,369	161,318	121,676	7,586	104,460	29
2,244	21,396	65	766	7,095	11,959	134,811	99,929	7,124	86,827	30
449	5,092	6	172	2,319	1,320	25,705	21,747	462	16,863	31
43	427	.....	.....	.....	90	802	.....	.....	770	32
941	6,587	5	335	2,354	1,058	60,685	7,138	51,567	116,614	33
9,600	114,411	168	4,618	52,049	20,990	331,698	41,174	168,580	626,774	34
457	9,631	.....	1,949	35,240	.....	1,047,643	125,202	564,268	57,862	35
3	360	2	108	2,283	1,233	29,823	112	1,039,966	154,277	36
.....	.....	.....	3,920	54,308	406,248	987,690	430	1,705,513	.....	37
795	16,185	.....	714	11,906	52,865	259,615	6,563	179,716	196,953	38
702	4,086	5	611	4,913	823	45,764	473	2,896	20,882	39
1,437	5,219	100	538	1,381	1,538	36,661	3	460	10,190	40
1,874	18,040	253	756	9,298	14,015	91,551	27,645	43,833	52,310	41
42	104	.....	.....	.....	20	172	.....	.....	659	42
266	5,076	.....	89	1,937	8,545	4,287	12	70	13,916	43
265	5,075	.....	89	1,937	8,542	4,284	12	70	13,916	44
1	1	.....	.....	.....	3	3	.....	.....	.....	45

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Tin plate and terneplate.....	23	18,697	30	17,429	1	8	—	—
2	Tinware, not elsewhere specified....	236	30,490	107	11,550	30	978	2	12
3	Tobacco, chewing and smoking, and snuff.....	247	18,893	154	15,026	8	43	12	282
4	Plug or chewing.....	63	6,700	52	5,637	2	9	—	—
5	Smoking.....	120	7,361	48	5,265	4	15	1	5
6	Snuff.....	28	4,068	43	3,714	2	19	10	197
7	All other.....	36	764	11	410	—	—	1	80
8	Tobacco, cigars and cigarettes.....	1,052	24,504	94	13,187	24	302	2	120
9	Cigars.....	958	10,851	57	4,201	24	302	2	120
10	Cigarettes.....	86	12,828	32	8,766	—	—	—	—
11	Cigars and cigarettes.....	8	825	5	230	—	—	—	—
12	Tools, not elsewhere specified.....	1,072	68,381	114	16,844	148	5,367	55	3,200
13	Shovels, spades, scoops, and hoes.....	39	8,685	25	2,655	13	1,117	8	620
14	Carpenters' tools, not elsewhere specified.....	33	4,851	21	2,867	8	143	7	342
15	Machinists' tools.....	493	27,411	29	6,872	37	1,424	11	823
16	All other.....	507	27,434	39	4,450	90	2,083	29	1,514
17	Toys and games.....	452	14,449	44	5,520	45	691	27	602
18	Trunks and valises.....	438	7,703	43	4,455	10	159	—	—
19	Turpentine and rosin.....	504	2,303	253	1,343	269	884	16	30
20	Type founding.....	20	850	4	648	2	20	—	—
21	Typewriters and supplies.....	83	13,066	40	9,388	3	41	—	—
22	Typewriters and parts.....	36	11,781	30	8,672	1	25	—	—
23	Carbon paper.....	20	533	4	140	1	10	—	—
24	Ribbon.....	21	673	6	576	1	6	—	—
25	All other.....	6	79	—	—	—	—	—	—
26	Umbrellas and canes.....	176	3,383	15	2,404	9	53	—	—
27	Upholstering materials, not elsewhere specified.....	160	19,826	105	9,400	12	100	25	1,728
28	Imitation leather and leatheroid.....	17	4,952	17	855	—	—	1	107
29	Excelsior.....	93	10,516	61	6,585	2	5	23	1,541
30	Curled hair.....	15	1,864	5	595	—	—	—	—
31	All other.....	35	2,494	22	1,365	10	95	1	20
32	Varnishes.....	191	11,497	69	4,743	10	111	6	60
33	Vault lights and ventilators.....	29	279	—	—	2	18	—	—
34	Vinegar and cider.....	673	17,943	276	7,863	295	2,809	86	2,337
35	Vinegar.....	179	7,759	105	4,471	63	576	7	100
36	Cider.....	404	10,184	171	3,392	232	2,230	79	2,237
37	Wall paper, not made in paper mills.....	48	8,158	47	5,127	2	32	—	—
38	Wall plaster and composition flooring.....	137	32,356	86	12,457	23	1,352	2	184
39	Washing machines and clothes wringers.....	90	8,836	16	2,929	15	248	4	82
40	Waste.....	88	11,391	25	3,431	15	439	6	435
41	Cotton.....	59	8,869	18	2,130	6	210	5	385
42	All other.....	29	2,522	7	1,301	9	229	1	50
43	Watch and clock materials, except watchcases.....	24	252	1	100	2	50	1	6
44	Watch materials.....	19	181	1	100	—	—	1	6
45	Clock materials.....	5	71	—	—	2	50	—	—
46	Watchcases.....	33	4,275	11	2,040	6	1,004	1	250
47	Watches.....	16	7,202	24	6,040	3	435	—	—
48	Watches.....	7	4,190	12	3,740	—	—	—	—
49	Watch movements.....	9	3,003	12	2,300	3	435	—	—

UNITED STATES, BY INDUSTRIES: 1910—Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED—continued.											
Primary power—Contd.			Electric motors run by current generated in the establishments reporting.		Fuel used.						
Rented.					Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).		
Electric.		Other.			Anthra- cite (tons of 2,240 lbs.).	Bitumi- nous (tons of 2,000 lbs.).					
Motors.	Horse- power.	Horse- power.	Num- ber.	Horse- power.							
145	1,260	.....	436	7,683	122	68,728	7	3,578	114,963	1
3,002	17,694	265	2,388	9,076	23,961	115,196	1,342	13,872	402,702	2	
449	3,542	.....	715	6,707	6,391	156,953	723	1,739	3,207	3
143	1,054	.....	404	3,209	872	72,861	287	1,678	566	4
235	2,076	.....	225	2,613	2,046	63,446	300	8	1,590	5
25	138	.....	85	875	2,410	19,147	136	53	821	6
46	274	.....	1	10	163	1,499	.....	.....	230	7
2,933	10,888	7	1,127	6,740	38,325	124,335	1,042	2,830	113,324	8	
2,338	6,221	7	178	834	33,532	44,520	1,000	430	101,696	9	
549	4,072	.....	948	5,739	2,070	78,749	42	2,400	11,628	10
46	595	.....	1	107	2,123	1,066	.....	.....	.....	11
4,584	42,220	651	580	8,274	10,242	147,690	6,324	149,157	486,551	12	
438	4,203	.....	23	121	3,397	21,204	1,011	24,207	154,955	13
114	1,499	.....	51	522	3,500	15,550	208	2,759	7,897	14
2,069	18,140	152	292	5,098	3,642	63,394	2,010	68,004	140,764	15	
1,903	18,288	499	214	2,533	5,703	47,542	3,095	54,187	182,935	16	
1,695	7,520	26	174	1,388	5,700	21,902	1,297	688	60,678	17	
804	8,082	7	337	2,041	2,145	25,447	109	168	15,671	18	
5	19	27	.....	.....	515	1,415	.....	4,392	.....	19
85	177	5	612	968	3,884	192	.....	146	3,185	20
546	3,625	12	606	6,879	17,343	32,203	1,286	15,426	63,632	21	
364	3,084	.....	526	6,089	14,699	31,250	784	15,366	62,195	22
87	373	10	.....	.....	93	953	602	2	420	23
60	89	2	80	290	2,458	.....	.....	58	1,017	24
35	79	.....	.....	.....	93	.....	.....	.....	.....	25
491	840	26	28	375	9,737	5,434	50	6,640	8,521	26	
667	8,394	204	28	404	5,923	53,532	130	3,204	9,351	27	
195	3,930	.....	14	187	5,529	28,355	130	1,953	.....	28
90	2,201	184	6	102	297	10,291	.....	311	9,101	29
117	1,269	.....	8	115	10	12,421	.....	940	.....	30
265	994	20	.....	.....	87	2,465	.....	.....	250	31
898	6,583	.....	240	1,805	17,359	33,828	19,272	3,984	53,081	32
54	251	10	.....	.....	61	234	22	8	2,203	33
656	4,937	.....	107	1,527	2,785	44,991	541	5,353	5,388	34
381	2,612	.....	30	1,453	1,173	37,206	432	3,154	3,613	35
275	2,325	.....	47	74	1,612	7,068	109	2,199	1,775	36
333	2,064	35	174	1,723	13,072	28,174	.....	10	2,600	37
800	18,363	.....	224	5,493	9,151	154,116	5,167	109,535	10,855	38
625	5,557	20	76	604	1,110	19,496	9,775	1,521	27,629	39	
410	6,999	87	21	905	3,278	13,542	162	2,748	15,906	40	
346	6,144	.....	.....	.....	2,905	5,695	.....	2,739	590	41
64	855	87	21	905	373	7,847	162	9	15,316	42	
37	96	.....	.....	.....	618	221	.....	880	1,793	43
31	75	.....	.....	.....	600	56	.....	3	1,006	44
6	21	.....	.....	.....	18	165	.....	877	787	45
169	981	.....	340	2,104	1,127	22,141	180	2,553	63,711	46
174	727	.....	811	3,465	5,535	34,834	.....	7,959	37,515	47
128	459	.....	354	2,810	50	26,122	.....	6,676	36,072	48
46	268	.....	457	1,155	5,485	8,712	.....	1,283	1,443	49

TABLE 90.—DETAILED STATEMENT FOR THE

[See note at head of this table, pp. 1172 and 1173.]

INDUSTRY.		POWER AND FUEL USED.							
		Primary power.							
		Number of establishments reporting.	Total primary horse-power.	Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
1	Wheelbarrows.....	11	765	10	490	2	45	2	35
2	Whips.....	22	853	2	175			8	1,100
3	Windmills.....	30	4,701	21	2,800	10	203		
4	Window and door screens and weather strips.....	187	7,530	23	4,452	30	337	4	315
5	Window and door screens.....	161	7,348	23	4,452	28	320	4	315
6	Weather strips.....	26	182			2	17		
7	Window shades and fixtures.....	197	8,048	22	6,015	6	114	4	300
8	Wire.....	66	110,451	129	61,660	8	1,966	10	639
9	Wirework, not elsewhere specified.....	433	20,074	63	10,570	77	1,266	5	495
10	Wire rope and cable.....	15	7,190	6	2,480	1	15		
11	Woven-wire fencing.....	50	8,633	3	725	11	249		
12	All other.....	368	18,242	54	7,365	65	1,002	5	495
13	Wood distillation.....	93	15,938	209	12,736	35	810	10	109
14	Wood preserving.....	68	16,260	214	15,279	8	43		
15	Wood, turned and carved.....	653	39,058	387	27,040	91	2,615	85	2,744
16	Wooden goods, not elsewhere specified.....	228	25,906	128	19,300	49	629	27	894
17	Wool pulling.....	23	2,162	19	1,320	1	150	2	120
18	Wool scouring.....	32	9,790	28	5,865			8	875
19	Wool shoddy.....	77	16,094	45	6,544	2	76	46	2,949
20	Woolen and worsted goods.....	335	468,480	937	311,906	45	1,793	610	76,181
21	Woolen goods.....	552	172,947	451	85,499	39	1,577	467	46,705
22	Worsted goods.....	283	295,533	506	226,407	6	216	149	29,476
23	All other industries ¹	2	154	1	150	1	4		

¹ Comprises the following industries with number of establishments as indicated: "Straw goods, not elsewhere specified," 1; "whalebone cutting," 1; and "wood carpet," 3

UNITED STATES, BY INDUSTRIES: 1910--Continued.

[See note at head of this table, pp. 1172 and 1173.]

POWER AND FUEL USED--continued.												
Primary power--Contd.				Fuel used.								
Rented.			Electric motors run by current generated in the establishments reporting.		Coal.		Coke (tons of 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet)			
Electric.		Other.			Anthracite (tons of 2,240 lbs.).	Bituminous (tons of 2,000 lbs.).						
Motors.	Horse-power.	Horse-power.										
26	275	-----	73	135	181	1,729	2	798	-----			
80	598	-----	1	1	69	1,373		11	900	2		
80	463	75	145	1,626	208	18,021	6,945	1,877	619	3		
430	2,411	15	166	1,640	180	7,660	-----	400	8,210	4		
368	2,246	15	166	1,640	141	7,448	-----	398	5,739	5		
62	165	-----			39	212	-----	2	2,471	6		
602	2,517	2	381	5,268	1,044	59,798	500	850	7,447	7		
2,148	55,030	150	1,181	31,616	12,573	720,040	18,547	176,282	419,310	8		
2,364	16,705	38	1,217	6,212	21,158	72,873	2,390	25,639	104,211	9		
243	4,704	-----	197	1,941	17,474	6,802	240	11,115	38,995	10		
334	2,654	5	31	638	198	8,548	266	2,150	26,381	11		
1,787	9,347	33	989	3,633	3,486	57,523	1,884	12,374	39,835	12		
147	1,533	750	144	3,278	40,677	308,747	-----	67,259	1,798,302	13		
58	782	165	131	2,438	27	139,410	88	73,965	343,230	14		
949	7,423	236	435	2,723	1,631	14,999	182	1,624	19,314	15		
568	4,955	32	370	3,399	1,019	16,082	208	971	3,272	16		
50	572	-----	11	160	664	17,268	1,352	3,372	4,217	17		
301	2,970	80	44	574	576	55,920	45	7,753	-----	18		
326	6,998	127	66	2,201	6,813	45,060	535	225	4,513	19		
7,332	76,279	2,201	10,001	154,841	214,399	1,541,539	3,551	851,348	52,094	20		
3,308	38,410	756	2,326	25,701	53,192	646,140	3,010	42,973	47,012	21		
4,024	37,869	1,505	8,275	129,050	161,207	895,399	541	808,375	5,082	22		
-----	-----	-----	-----	-----	2	900	-----	-----	550	23		

TABLE 91.—DETAILED STATEMENT, FOR THE UNITED STATES,

[This table is made up in three

1	DIVISION AND STATE.	FINANCIAL STATISTICS.				
		Number of estab- lish- ments.	Capital.	Expenses.		
				Salaries and wages.		
				Officers.	Clerks, etc.	Wage earners.
			Dollars.	Dollars.	Dollars.	Dollars.
1	United States.....	290,105	44,466,593,771	1,453,261,706	1,439,109,788	10,533,400,340
2	GEOGRAPHIC DIVISIONS:					
3	New England.....	25,528	5,650,409,500	188,152,501	148,142,507	1,430,436,587
4	Middle Atlantic.....	88,360	15,005,380,602	502,479,188	510,906,197	3,464,931,287
5	East North Central.....	61,332	12,153,594,576	411,869,358	458,150,536	2,992,930,744
6	West North Central.....	29,106	2,679,620,453	91,230,833	108,205,529	546,172,557
7	South Atlantic.....	29,976	3,332,332,432	99,234,888	70,307,854	778,026,847
8	East South Central.....	14,655	1,206,448,908	41,639,706	29,000,128	298,710,318
9	West South Central.....	13,900	1,463,837,800	41,004,456	34,670,013	293,021,663
10	Mountain.....	7,612	833,984,188	17,043,867	15,554,727	141,900,942
	Pacific.....	19,567	2,044,970,192	62,646,009	57,146,297	581,269,395
11	NEW ENGLAND:					
12	Maine.....	2,995	419,158,006	11,300,621	6,202,232	94,225,346
13	New Hampshire.....	1,499	329,166,870	7,863,707	5,348,695	79,320,341
14	Vermont.....	1,790	134,314,391	4,717,000	2,628,179	34,083,935
15	Massachusetts.....	11,906	2,947,108,527	100,235,820	83,199,685	766,623,397
16	Rhode Island.....	2,460	594,337,448	18,563,184	12,450,797	137,495,377
	Connecticut.....	4,872	1,232,324,318	43,472,169	38,813,019	324,682,251
17	MIDDLE ATLANTIC:					
18	New York.....	49,330	6,012,082,567	248,707,927	264,830,976	1,458,206,804
19	New Jersey.....	11,057	2,815,577,127	89,134,009	81,940,258	600,658,345
20	Pennsylvania.....	27,973	6,177,729,968	164,637,252	170,125,963	1,406,066,138
21	EAST NORTH CENTRAL:					
22	Ohio.....	16,125	3,748,743,996	114,249,012	159,468,347	944,651,734
23	Indiana.....	7,916	1,335,714,103	43,304,231	41,812,215	317,042,997
24	Illinois.....	18,593	3,366,452,969	130,029,640	144,588,709	801,087,359
25	Michigan.....	8,305	2,340,954,312	79,454,081	69,580,917	639,708,093
26	Wisconsin.....	10,398	1,361,729,196	44,835,394	42,702,848	290,440,561
27	WEST NORTH CENTRAL:					
28	Minnesota.....	6,225	679,388,486	20,985,065	24,374,861	127,106,505
29	Iowa.....	5,683	403,205,513	15,244,798	18,799,162	90,117,169
30	Missouri.....	8,502	938,760,773	36,636,703	42,407,947	196,515,353
31	North Dakota.....	894	24,549,838	858,097	575,940	5,401,330
32	South Dakota.....	1,414	30,933,030	970,233	1,105,966	7,905,426
33	Nebraska.....	2,884	245,256,684	6,462,288	9,270,649	46,066,755
34	Kansas.....	3,474	357,534,129	10,073,649	11,722,004	73,060,019
35	SOUTH ATLANTIC:					
36	Delaware.....	608	148,207,598	4,448,045	3,261,023	37,265,319
37	Maryland.....	4,937	619,606,983	20,943,430	21,060,577	147,866,545
38	District of Columbia.....	505	63,008,179	2,595,491	3,071,888	13,189,081
39	Virginia.....	5,603	463,644,498	15,286,404	10,621,680	120,006,452
40	West Virginia.....	2,785	339,189,678	11,070,734	6,615,339	101,840,420
41	North Carolina.....	5,999	669,144,096	15,198,496	8,575,837	126,680,099
42	South Carolina.....	2,004	374,537,636	7,340,777	3,172,252	62,565,413
43	Georgia.....	4,803	448,700,194	15,390,408	10,115,015	101,180,339
44	Florida.....	2,532	206,293,570	6,961,103	3,874,243	67,433,229
45	EAST SOUTH CENTRAL:					
46	Kentucky.....	3,957	276,535,395	10,787,260	8,890,382	67,033,546
47	Tennessee.....	4,589	410,203,443	14,381,128	10,886,831	81,355,256
48	Alabama.....	3,654	455,592,733	11,128,502	7,438,903	99,065,800
49	Mississippi.....	2,455	154,117,337	5,242,807	2,684,012	51,255,716
50	WEST SOUTH CENTRAL:					
51	Arkansas.....	3,123	138,817,974	6,288,697	3,040,346	47,186,189
52	Louisiana.....	2,617	492,209,057	12,808,549	10,137,708	94,405,732
53	Oklahoma.....	2,445	277,034,318	6,172,107	5,789,084	35,025,942
54	Texas.....	5,724	585,776,451	15,795,103	15,708,875	116,403,800
55	MOUNTAIN:					
56	Montana.....	1,290	137,476,277	2,316,014	2,425,441	24,742,562
57	Idaho.....	922	90,061,709	1,559,287	1,142,260	18,548,272
58	Wyoming.....	576	82,287,607	1,001,689	700,599	11,188,979
59	Colorado.....	2,631	243,826,617	6,536,451	6,509,524	42,974,879
60	New Mexico.....	387	15,226,253	670,609	356,732	6,658,462
61	Arizona.....	480	101,486,070	1,555,227	1,556,611	12,014,769
62	Utah.....	1,160	140,785,034	3,010,721	2,699,704	21,454,937
63	Nevada.....	166	10,834,561	393,869	193,796	4,318,022
64	PACIFIC:					
65	Washington.....	4,918	574,235,183	18,564,269	11,809,497	194,968,222
66	Oregon.....	2,707	237,264,736	7,815,628	6,183,543	81,093,784
67	California.....	11,942	1,233,480,273	36,267,012	39,153,257	305,207,389

BY GEOGRAPHIC DIVISIONS AND STATES: 1919.

sections, extending over pp. 1256 to 1261.]

FINANCIAL STATISTICS—continued.								
Expenses—Continued.								
For contract work.	Rent and taxes.		For materials.			Value of products.	Value added by manufacture.	
	Rent of factory.	Taxes, Federal, state, county, and local.	Total.	Principal materials.	Fuel and rent of power.			
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	
464,408,700	212,043,089	2,079,369,357	27,376,380,283	35,730,393,727	1,645,986,556	62,418,073,773	25,041,698,490	1
37,708,307	18,808,711	287,517,450	3,951,908,159	3,811,641,271	140,266,888	7,183,070,799	3,231,162,640	2
284,960,260	98,194,254	502,708,202	11,424,095,826	10,843,787,208	580,308,618	19,854,772,760	8,420,676,934	3
65,838,316	49,201,761	636,645,750	10,021,087,089	10,113,945,205	507,741,884	17,737,479,599	7,115,792,510	4
12,012,532	13,589,880	199,362,746	3,778,125,226	3,689,936,604	88,188,622	5,187,064,765	1,408,939,540	5
24,242,084	8,847,690	248,012,602	2,596,264,687	2,489,150,307	107,114,380	4,455,151,691	1,858,837,004	6
10,793,256	2,920,027	47,635,145	977,824,517	897,695,744	80,128,773	1,642,391,461	664,566,944	7
9,607,736	4,516,358	49,757,307	1,547,993,571	1,500,847,009	47,146,562	2,277,861,293	729,897,722	8
5,311,432	2,642,234	23,199,996	610,239,118	569,007,154	41,231,964	922,676,092	312,436,974	9
14,330,717	13,313,168	84,440,088	1,868,242,090	1,814,383,225	53,858,865	3,157,610,312	1,289,308,222	10
3,630,949	895,234	19,908,648	254,568,523	241,084,891	12,483,662	450,821,783	202,253,260	11
2,417,380	420,772	14,800,993	239,627,617	231,599,446	7,928,171	407,204,934	167,677,317	12
763,451	571,601	5,331,327	95,172,581	91,624,436	3,548,145	168,108,072	72,635,491	13
22,744,666	12,835,105	180,635,915	2,269,713,036	2,188,353,757	72,359,279	4,011,181,532	1,760,468,496	14
4,181,793	1,724,458	35,755,093	415,980,203	402,205,892	13,763,311	747,322,858	331,939,655	15
3,980,238	2,361,541	61,087,474	685,937,199	656,772,579	29,164,320	1,392,431,620	706,494,421	16
211,490,532	66,165,498	250,322,310	4,043,213,919	4,780,950,952	162,256,967	8,567,004,000	3,923,700,987	17
27,716,816	10,327,057	120,286,240	2,270,473,279	2,194,512,449	75,960,830	3,672,064,987	1,401,691,708	18
45,761,012	21,701,699	222,189,736	4,210,408,628	3,808,317,807	342,090,821	7,315,702,867	3,105,294,239	19
17,009,029	16,130,610	179,262,557	2,911,947,871	2,729,033,617	182,914,254	5,100,308,728	2,188,360,857	20
3,802,135	4,571,897	74,714,283	1,174,950,568	1,084,756,375	90,194,193	1,898,753,387	723,802,819	21
32,006,039	20,073,028	136,886,105	3,485,270,446	3,362,381,054	125,889,292	5,425,244,694	1,930,974,248	22
2,822,883	5,291,062	164,878,414	1,010,243,243	1,852,906,090	66,337,153	3,466,188,483	1,546,945,240	23
3,688,230	3,134,264	80,904,391	1,127,274,061	1,084,868,069	42,406,892	1,846,984,307	710,709,346	24
4,005,045	3,427,503	21,634,431	883,089,777	860,607,299	22,482,478	1,218,129,735	335,039,958	25
1,470,139	2,074,772	13,025,449	506,240,807	506,034,871	745,472,697	225,231,890	26	
4,338,793	5,676,015	56,876,231	1,056,457,104	1,029,812,810	26,644,354	1,594,208,338	537,751,174	27
118,159	170,291	477,948	44,489,490	43,477,254	1,012,245	57,273,622	12,884,123	28
175,574	387,828	803,193	42,985,870	41,821,013	1,164,857	62,170,782	19,184,912	29
1,398,981	949,961	7,684,131	480,774,122	473,636,425	7,137,697	696,042,498	115,268,370	30
506,473	966,515	8,962,363	750,087,987	734,546,932	15,541,055	913,667,094	163,579,107	31
324,714	144,375	7,591,222	55,432,933	81,453,158	3,979,775	165,073,009	79,640,076	32
8,160,474	2,753,829	21,248,188	849,347,379	527,095,308	21,651,771	783,944,774	324,597,395	33
2,770,506	399,949	2,481,001	301,940,100	27,402,366	3,477,734	68,820,570	37,880,470	34
2,848,581	1,746,148	34,609,686	371,540,833	352,059,572	19,481,261	643,511,621	271,970,788	35
2,121,422	616,158	15,692,215	270,949,506	250,192,627	20,747,969	471,970,877	201,030,281	36
3,069,322	757,201	122,172,794	525,906,181	512,989,300	13,916,881	943,307,949	416,901,768	37
685,107	401,565	17,809,258	227,986,384	220,416,614	7,569,770	881,452,984	153,466,009	38
3,333,902	1,270,369	19,665,114	440,490,057	428,431,511	12,058,546	693,237,096	252,747,039	39
938,056	758,090	6,653,165	92,680,224	88,448,851	4,231,373	213,326,811	120,646,587	40
2,317,700	881,349	16,030,040	235,715,626	224,485,689	11,229,937	355,060,417	159,944,791	41
3,614,386	1,181,272	17,575,062	344,706,730	330,552,028	14,214,702	696,253,162	211,486,432	42
2,177,015	645,237	9,643,790	300,664,290	248,975,401	51,688,889	492,730,895	192,066,605	43
2,684,155	221,169	9,477,213	96,677,871	93,682,626	2,995,245	197,746,987	101,069,116	44
2,695,617	574,174	3,890,118	102,812,977	99,881,410	2,931,567	200,312,858	97,499,881	45
3,428,125	1,007,451	27,280,752	431,403,867	421,147,141	10,255,728	676,189,770	244,785,903	46
475,181	663,719	4,945,225	312,605,292	301,539,816	11,066,013	401,362,866	88,757,040	47
3,067,813	2,271,014	13,641,212	701,170,898	678,278,642	22,892,250	999,995,796	298,824,898	48
555,842	410,640	1,802,125	122,151,524	117,594,952	4,556,972	166,664,518	44,512,504	49
1,342,456	201,343	1,833,127	43,948,505	42,345,546	1,602,959	86,567,244	36,567,244	50
620,174	125,243	5,257,141	42,250,628	40,510,297	1,740,231	81,445,394	39,194,866	51
1,903,281	1,153,923	9,411,473	174,870,275	160,204,060	14,666,215	275,622,335	100,762,060	52
385,810	90,599	192,440	7,727,483	6,974,121	1,753,362	17,856,002	10,129,119	53
153,153	181,155	1,605,291	92,645,437	84,273,872	8,371,565	120,769,112	28,123,675	54
357,022	424,987	2,833,205	110,154,349	103,106,399	7,407,950	156,933,071	46,778,722	55
14,697	54,343	215,134	10,490,617	14,997,907	1,492,710	228,874,311	6,383,694	56
5,376,513	2,807,238	21,044,415	443,177,531	431,896,276	11,281,255	809,622,984	366,445,453	57
1,936,402	1,285,911	12,417,927	206,206,041	201,354,721	4,851,320	806,782,627	160,576,586	58
7,017,802	9,219,959	50,977,726	1,218,858,518	1,181,132,228	37,726,290	1,931,204,701	762,346,183	59

TABLE 91.—DETAILED STATEMENT FOR THE UNITED STATES,

DIVISION AND STATE.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					
	Total.	Proprietors and officials.				
		Total.		Proprietors and firm members.	Salaried officials of corporations.	Superintendents and managers.
		Male.	Female.			
1 United States.....	10,812,736	656,915	25,942	269,137	132,467	281,253
GEOGRAPHIC DIVISIONS:						
2 New England.....	1,535,055	67,305	3,036	21,470	13,870	35,001
3 Middle Atlantic.....	3,450,593	208,481	10,527	86,266	45,220	87,522
4 East North Central.....	2,884,836	150,410	5,450	49,580	34,767	77,507
5 West North Central.....	639,323	55,357	2,041	20,859	10,406	20,133
6 South Atlantic.....	931,595	62,769	1,485	29,883	11,136	23,235
7 East South Central.....	382,595	29,748	789	15,620	5,053	9,864
8 West South Central.....	339,950	27,826	774	13,437	4,505	10,058
9 Mountain.....	133,447	12,435	456	6,829	1,553	4,509
10 Pacific.....	615,342	36,584	1,384	19,187	5,957	12,824
NEW ENGLAND:						
11 Maine.....	99,312	5,802	173	2,745	1,029	2,201
12 New Hampshire.....	90,332	3,583	153	1,426	581	1,729
13 Vermont.....	38,845	3,133	132	1,804	574	887
14 Massachusetts.....	812,521	33,391	1,738	9,451	7,105	18,573
15 Rhode Island.....	150,012	6,312	286	2,124	1,389	3,068
16 Connecticut.....	338,033	15,084	554	3,920	3,195	8,523
MIDDLE ATLANTIC:						
17 New York.....	1,524,761	107,118	6,564	49,484	24,832	39,366
18 New Jersey.....	602,170	30,282	1,141	9,349	6,547	15,527
19 Pennsylvania.....	1,323,062	71,081	2,822	27,433	13,841	32,629
EAST NORTH CENTRAL:						
20 Ohio.....	882,918	41,893	1,225	12,823	9,825	20,440
21 Indiana.....	330,145	19,742	620	6,708	4,015	9,579
22 Illinois.....	804,805	47,499	2,061	15,282	11,024	23,254
23 Michigan.....	549,069	20,280	884	6,702	5,266	15,136
24 Wisconsin.....	317,899	21,026	660	7,951	4,637	9,098
WEST NORTH CENTRAL:						
25 Minnesota.....	147,678	11,617	414	5,128	2,416	4,487
26 Iowa.....	105,439	10,592	373	5,303	1,883	3,689
27 Missouri.....	244,939	18,471	736	7,676	4,282	7,249
28 North Dakota.....	6,148	1,117	37	774	112	208
29 South Dakota.....	9,034	1,774	48	1,410	134	278
30 Nebraska.....	40,076	4,940	107	2,916	741	1,480
31 Kansas.....	77,009	6,846	236	3,562	838	2,682
SOUTH ATLANTIC:						
32 Delaware.....	32,972	1,688	53	593	325	823
33 Maryland.....	165,875	10,478	406	5,129	1,875	3,880
34 District of Columbia.....	14,101	1,217	77	515	281	498
35 Virginia.....	139,178	11,831	208	5,900	1,766	4,373
36 West Virginia.....	93,688	6,004	148	2,524	997	2,631
37 North Carolina.....	175,423	11,669	137	6,078	2,153	3,577
38 South Carolina.....	86,360	4,297	69	1,754	1,034	1,608
39 Georgia.....	141,012	10,121	222	4,776	1,943	3,624
40 Florida.....	82,086	5,464	135	2,616	762	2,221
EAST SOUTH CENTRAL:						
41 Kentucky.....	83,954	7,500	281	4,003	1,486	2,292
42 Tennessee.....	113,300	9,463	203	4,892	1,798	3,036
43 Alabama.....	120,880	7,891	127	3,914	1,215	2,889
44 Mississippi.....	64,452	4,894	118	2,811	554	1,647
WEST SOUTH CENTRAL:						
45 Arkansas.....	58,202	5,860	135	3,682	602	1,621
46 Louisiana.....	112,523	6,385	227	2,042	1,480	3,090
47 Oklahoma.....	38,314	4,388	108	2,320	628	1,548
48 Texas.....	130,911	11,103	304	5,393	1,705	4,399
MOUNTAIN:						
49 Montana.....	20,692	1,962	61	1,200	184	639
50 Idaho.....	16,268	1,424	41	851	145	469
51 Wyoming.....	8,095	887	21	567	40	301
52 Colorado.....	44,729	4,270	202	2,234	692	1,546
53 New Mexico.....	6,646	617	18	336	59	240
54 Arizona.....	10,347	843	26	416	134	310
55 Utah.....	23,107	2,152	83	1,089	266	880
56 Nevada.....	3,563	280	4	136	33	115
PACIFIC:						
57 Washington.....	150,479	9,169	247	4,195	1,584	3,637
58 Oregon.....	58,005	4,810	141	2,540	917	1,494
59 California.....	296,858	22,605	996	12,452	3,456	7,693

BY GEOGRAPHIC DIVISIONS AND STATES: 1919—Continued.

PERSONS ENGAGED IN MANUFACTURING INDUSTRIES—continued.									
Clerks.		Average number of wage earners.				Wage earners employed 15th day of—			
Male.	Female.	Total.	16 years and over.		Under 16 years.	Maximum month.	Minimum month.		
			Male.	Female.					
659,775	373,732	9,096,372	7,202,529	1,772,924	120,919	Dec. 9,663,170	Apr. 8,666,549		1
59,610	53,715	1,351,389	936,026	376,922	37,541	Dec. 1,454,828	Feb. 1,270,847		2
227,504	131,368	2,872,663	2,103,658	676,679	32,310	Dec. 3,046,393	May 2,766,820		3
200,026	117,352	2,300,618	2,015,702	357,210	23,700	Dec. 2,579,231	Apr. 2,253,009		4
55,743	20,547	409,035	405,849	90,040	3,740	Dec. 531,205	Apr. 471,343		5
35,416	14,714	317,212	284,172	151,552	10,483	Oct. 375,048	May 772,392		6
16,327	6,505	320,226	284,659	41,948	2,619	Dec. 300,017	June 307,391		7
19,901	6,205	285,244	260,790	22,549	1,905	Dec. 318,871	Apr. 262,942		8
8,065	3,285	109,216	101,324	7,244	648	Nov. 118,532	Mar. 99,618		9
25,134	14,091	435,179	384,449	48,780	1,950	Aug. 490,936	Feb. 364,304		10
2,499	2,187	88,651	68,293	19,976	382	Sept. 98,407	Mar. 78,696		11
1,069	1,853	83,074	57,103	25,052	859	Dec. 89,224	Apr. 78,849		12
1,172	917	53,491	25,641	4,847	103	Dec. 36,590	Feb. 31,135		13
32,738	30,708	713,886	478,449	211,951	23,430	Dec. 765,746	Feb. 677,294		14
5,243	4,500	139,065	37,023	40,766	5,876	Dec. 152,036	Feb. 126,903		15
16,239	13,484	292,672	217,457	68,390	6,885	Dec. 316,858	Apr. 279,847		16
111,573	71,876	1,228,130	873,333	348,509	6,288	Dec. 1,311,087	Jan. 1,179,216		17
41,066	26,966	508,636	338,401	110,289	6,096	Dec. 537,639	Mar. 482,210		18
74,025	38,907	1,135,837	904,924	211,881	19,032	Dec. 1,197,667	May 1,083,521		19
71,636	37,461	730,733	622,697	104,636	3,400	Dec. 790,681	Mar. 687,683		20
20,747	11,450	277,580	233,578	40,340	3,662	Sept. 294,892	Mar. 261,725		21
64,397	37,734	653,114	522,687	121,962	5,465	Nov. 689,945	May 616,701		22
31,253	19,405	471,242	416,616	53,134	1,492	Nov. 522,876	Jan. 421,493		23
20,988	11,276	263,949	220,124	37,138	6,687	Dec. 284,119	May 256,122		24
13,288	6,736	115,623	96,387	18,874	362	Dec. 122,250	May 109,489		25
9,312	4,611	80,551	67,641	12,179	731	Nov. 85,825	Feb. 75,141		26
20,722	9,973	195,037	140,317	46,569	2,151	Oct. 209,704	Mar. 182,239		27
325	197	4,472	4,077	330	65	Oct. 4,850	Mar. 3,989		28
461	369	6,382	5,636	659	87	Dec. 6,902	Feb. 5,805		29
5,164	2,254	36,521	31,094	5,214	213	Dec. 38,189	Mar. 34,430		30
6,471	2,407	61,049	54,697	6,215	137	Nov. 66,069	Apr. 56,503		31
1,888	808	20,035	24,626	4,155	254	Sept. 38,438	Mar. 25,399		32
10,161	4,488	140,842	103,818	34,355	2,169	Oct. 100,567	Apr. 129,128		33
1,336	989	10,482	9,167	1,273	52	Dec. 10,723	Mar. 10,319		34
5,636	2,151	119,352	98,547	19,300	1,605	Oct. 131,910	Jan. 111,943		35
3,107	1,393	83,036	74,360	8,242	444	Sept. 89,041	May 79,617		36
4,334	1,624	157,659	113,352	38,063	6,244	Dec. 172,512	June 147,953		37
1,336	678	79,450	59,011	17,124	3,315	Dec. 86,825	June 74,165		38
5,398	1,830	123,441	98,059	23,808	2,074	Dec. 133,622	May 116,548		39
2,219	753	74,415	68,262	6,732	431	Dec. 78,140	Aug. 71,298		40
4,592	2,241	69,840	58,373	10,584	388	Dec. 75,688	June 65,941		41
5,961	2,446	95,167	75,515	18,434	1,218	Dec. 103,810	Feb. 88,865		42
4,395	1,317	107,159	96,517	10,104	538	Dec. 117,622	June 98,474		43
1,870	501	57,590	54,254	2,826	480	Oct. 64,736	Apr. 52,653		44
1,660	593	49,954	47,753	2,099	102	Sept. 53,553	Apr. 43,960		45
5,937	1,709	95,265	87,776	9,341	1,148	Nov. 117,665	Mar. 89,172		46
3,100	1,215	29,508	27,508	1,839	156	Dec. 32,259	Apr. 27,897		47
9,204	2,688	107,522	97,753	9,270	499	Dec. 114,416	Apr. 101,300		48
1,096	413	17,160	16,545	551	64	Nov. 18,228	Apr. 16,239		49
614	272	13,917	13,398	469	50	Nov. 16,342	Feb. 11,178		50
355	198	6,634	6,511	88	35	Nov. 7,560	Feb. 5,804		51
3,478	1,525	35,254	31,752	3,317	185	Aug. 37,553	Sept. 33,027		52
202	73	5,736	5,571	119	46	Aug. 6,253	Jan. 4,992		53
773	177	8,528	8,360	139	29	Oct. 8,945	Mar. 7,911		54
1,432	572	18,868	16,156	2,499	213	Oct. 22,592	Apr. 16,196		55
105	55	3,119	3,031	62	20	Jan. 3,485	Aug. 2,835		56
5,405	2,730	132,928	125,202	7,453	273	Sept. 146,872	Feb. 89,914		57
2,963	1,532	58,559	53,646	4,763	150	Aug. 62,488	Dec. 49,499		58
19,766	9,799	243,692	205,601	36,664	1,527	Aug. 282,312	Feb. 220,138		59

TABLE 91.—DETAILED STATEMENT FOR THE UNITED STATES,

1	DIVISION AND STATE.	Number of establishments reporting.	Total primary horse-power.	PRIMARY POWER.					
				Owned by establishments reporting.					
				Steam engines and turbines.		Internal-combustion engines.		Water wheels and water motors.	
				Num-ber.	Horse-power.	Num-ber.	Horse-power.	Num-ber.	Horse-power.
1	United States...	237,854	29,504,792	122,628	17,037,973	33,407	1,250,400	14,008	1,755,253
2	GEOGRAPHIC DIVISIONS:								
3	New England.....	21,575	3,796,846	9,876	1,867,434	1,676	34,459	4,586	747,617
4	Middle Atlantic....	69,485	8,637,660	30,392	5,250,772	8,101	410,312	3,641	396,168
5	East North Central.	49,604	7,735,137	24,477	4,361,731	7,883	428,493	1,894	252,829
6	West North Central.	23,956	1,594,112	7,767	801,743	5,012	102,124	569	92,753
7	South Atlantic.....	25,633	2,795,094	19,525	1,594,200	3,754	136,579	2,127	173,108
8	East South Central.	12,909	1,416,577	10,816	1,055,152	1,058	22,893	532	25,007
9	West South Central.	11,727	1,185,989	9,241	876,632	2,810	81,260	86	3,446
10	Mountain.....	6,227	680,570	2,423	339,946	868	9,971	188	15,606
11	Pacific.....	16,648	1,757,798	8,111	830,363	1,839	33,309	385	58,679
12	NEW ENGLAND:								
13	Maine.....	2,481	547,028	1,493	173,855	400	4,481	1,104	274,528
14	New Hampshire.....	1,350	349,138	815	147,240	106	1,676	641	115,375
15	Vermont.....	1,575	185,095	630	51,881	174	2,959	652	88,897
16	Massachusetts.....	10,080	1,729,878	4,268	964,932	407	11,227	1,252	189,302
17	Rhode Island.....	2,035	321,016	893	189,280	108	3,188	266	29,293
18	Connecticut.....	4,054	664,691	1,777	340,746	481	10,928	671	70,252
19	MIDDLE ATLANTIC:								
20	New York.....	38,082	2,936,530	9,265	1,299,548	3,076	113,415	1,986	343,023
21	New Jersey.....	9,209	1,146,744	5,503	781,434	1,303	40,830	304	12,528
22	Pennsylvania.....	22,194	4,454,386	15,534	3,169,700	3,722	256,067	1,851	40,617
23	EAST NORTH CENTRAL:								
24	Ohio.....	13,624	2,897,497	7,722	1,789,612	2,797	147,039	295	10,115
25	Indiana.....	6,540	1,095,912	3,609	521,446	1,093	189,271	158	10,162
26	Illinois.....	14,223	1,669,918	5,294	997,338	1,195	55,782	149	11,589
27	Michigan.....	6,923	1,202,128	3,411	592,911	1,776	19,695	395	40,346
28	Wisconsin.....	8,294	878,682	4,441	467,524	1,612	16,706	897	180,020
29	WEST NORTH CENTRAL:								
30	Minnesota.....	5,150	473,957	1,827	198,186	762	33,848	205	78,661
31	Iowa.....	4,740	242,946	1,239	119,442	809	7,030	94	3,862
32	Missouri.....	6,773	477,303	2,873	269,657	1,228	22,049	98	3,386
33	North Dakota.....	748	17,791	114	10,060	289	1,931	6	260
34	South Dakota.....	1,222	22,191	172	8,369	444	3,282	9	307
35	Nebraska.....	2,420	125,814	464	66,449	682	8,203	81	4,940
36	Kansas.....	2,903	234,110	1,078	129,589	798	25,731	76	6,337
37	SOUTH ATLANTIC:								
38	Delaware.....	587	85,150	609	59,743	91	1,607	108	4,448
39	Maryland.....	3,907	460,768	2,287	177,106	567	65,493	222	9,007
40	District of Columbia	427	33,079	113	10,340	54	2,103	5	666
41	Virginia.....	5,008	419,946	4,181	256,706	532	9,007	630	39,087
42	West Virginia.....	2,405	328,653	1,878	217,155	779	38,972	348	9,411
43	North Carolina.....	5,581	549,878	4,502	303,242	406	6,550	548	42,626
44	South Carolina.....	1,810	305,556	1,408	214,719	257	2,472	126	40,714
45	Georgia.....	4,101	436,608	3,031	243,642	607	5,603	125	26,906
46	Florida.....	1,807	139,456	1,516	111,487	461	4,706	15	243
47	EAST SOUTH CENTRAL:								
48	Kentucky.....	3,372	247,573	2,119	175,210	733	10,623	123	3,758
49	Tennessee.....	4,088	338,814	2,961	227,206	547	5,718	297	7,594
50	Alabama.....	3,264	628,376	3,349	468,746	376	3,595	100	13,554
51	Mississippi.....	2,275	200,814	2,357	183,990	302	2,957	12	181
52	WEST SOUTH CENTRAL:								
53	Arkansas.....	2,806	214,194	2,685	183,400	422	6,620	25	706
54	Louisiana.....	2,225	388,605	3,079	332,154	587	13,928	5	60
55	Oklahoma.....	2,022	139,983	1,080	79,707	744	24,133	22	275
56	Texas.....	4,674	443,207	2,397	281,371	1,063	36,579	34	2,405
57	MOUNTAIN:								
58	Montana.....	1,076	153,491	314	42,099	224	1,484	23	7,996
59	Idaho.....	809	73,876	409	53,304	60	578	34	1,751
60	Wyoming.....	468	17,869	148	8,255	129	1,718	15	391
61	Colorado.....	2,099	206,309	702	145,417	238	2,186	37	1,184
62	New Mexico.....	324	17,260	136	12,595	75	920	4	381
63	Arizona.....	400	103,958	195	77,138	68	1,773	2	200
64	Utah.....	910	93,942	368	46,996	50	968	69	3,553
65	Nevada.....	141	19,874	61	14,142	24	344	4	195
66	PACIFIC:								
67	Washington.....	4,224	687,436	3,629	453,306	536	6,123	87	7,723
68	Oregon.....	2,368	304,346	1,692	165,801	250	2,166	188	43,252
69	California.....	10,056	766,016	2,790	211,256	1,053	25,020	110	7,704

BY GEOGRAPHIC DIVISIONS AND STATES: 1919—Continued.

PRIMARY POWER—CON.				ELECTRIC MOTORS RUN BY CURRENT GENERATED IN THE ESTABLISH- MENTS REPORTING.		FUEL USED.				
Rented.			Coal.			Coke (tons of 2,000 lbs.).	Oil, in- cluding gasoline (barrels).	Gas (1,000 cubic feet).		
Electric.		Other.								
Motors.	Horse- power.	Horse- power.	Num- ber.						Horse- power.	Anthra- cite (tons of 2,240 lbs.).
996,000	9,347,556	94,600	487,021	6,969,721	14,334,402	203,463,622	42,595,010	92,029,692	341,921,022	1
118,896	1,180,308	17,028	68,337	796,265	1,565,254	10,932,267	782,919	7,857,807	2,639,620	2
314,503	2,455,300	25,048	192,204	2,012,659	11,639,452	70,806,237	16,961,032	23,172,383	124,317,830	3
270,394	2,059,498	32,586	150,948	2,224,002	532,197	69,093,039	16,591,794	12,520,927	54,257,941	4
72,761	606,189	1,303	22,903	324,007	84,805	11,365,499	838,079	6,515,603	16,396,769	5
74,766	887,201	4,006	25,254	500,852	347,542	13,785,729	1,526,627	2,834,029	50,754,152	6
22,783	311,138	1,387	7,952	149,005	23,036	13,034,746	4,289,624	473,780	3,985,152	7
22,337	218,558	6,093	6,066	132,395	95,812	2,092,830	308,467	16,508,637	76,312,121	8
18,002	250,619	1,387	4,408	91,595	35,975	5,519,721	982,669	4,170,820	5,051,786	9
72,558	820,885	5,762	8,259	138,941	10,329	832,645	273,818	17,967,306	8,205,642	10
7,048	92,749	1,415	3,306	72,047	43,234	1,257,623	21,972	575,477	45,503	11
6,379	84,601	246	2,918	67,117	286,885	539,405	30,964	606,054	20,910	12
4,478	61,090	768	769	12,298	46,627	236,517	13,549	28,997	106,306	13
65,880	551,521	12,806	30,690	424,274	693,759	5,634,701	501,293	3,753,560	1,222,444	14
12,231	97,957	1,328	7,653	65,956	96,628	982,991	51,853	1,413,515	916,995	15
23,405	242,390	375	14,005	154,573	398,121	2,281,130	103,288	1,480,204	627,462	16
170,262	1,170,977	9,567	54,609	512,861	3,805,763	11,533,633	3,019,517	6,996,974	4,712,372	17
41,180	305,762	6,190	36,582	418,391	3,581,497	6,701,052	603,502	6,623,381	1,969,277	18
103,061	978,621	9,201	101,943	1,681,407	4,252,192	58,571,552	13,247,923	9,552,028	117,636,190	19
82,899	945,841	12,490	46,210	819,383	108,606	25,499,869	8,640,711	2,025,606	45,014,790	20
36,302	373,689	1,344	16,581	279,065	31,099	13,577,580	2,693,061	2,790,821	2,308,669	21
79,293	690,241	5,071	43,506	584,326	238,451	16,502,727	3,903,043	4,000,756	3,557,698	22
53,626	540,757	8,419	23,052	277,514	50,516	8,241,877	812,041	1,891,458	2,105,985	23
27,214	209,470	4,362	21,990	263,714	103,625	5,271,886	542,938	831,286	1,270,893	24
18,119	167,965	297	4,715	87,154	41,074	2,453,593	440,452	327,706	1,438,853	25
14,605	112,486	126	3,895	53,799	15,400	2,154,407	134,841	600,399	181,957	26
23,502	181,556	655	9,579	106,016	14,652	4,117,582	194,758	1,871,290	1,658,684	27
1,230	5,490	-----	127	1,283	1,736	192,434	1,498	4,883	6,451	28
2,032	10,227	15	73	903	2,784	96,832	9,103	78,619	11,992	29
6,285	46,177	45	1,970	26,572	2,946	917,008	56,904	442,908	75,956	30
6,988	72,288	165	2,544	48,280	6,213	1,403,043	60,523	3,189,739	13,022,876	31
1,017	19,307	45	1,063	25,221	38,185	507,354	15,712	196,446	80,062	32
15,654	155,031	131	5,325	158,730	65,239	2,020,167	439,764	1,119,628	1,270,991	33
2,702	10,960	10	181	1,983	87,731	125,170	15,579	400,383	964,794	34
12,773	114,818	208	3,722	73,637	23,475	3,232,388	603,017	302,370	44,046	35
5,140	62,917	198	5,106	92,307	66,558	4,007,630	341,030	40,751	48,247,748	36
10,339	107,384	70	5,448	63,162	43,425	1,350,142	14,980	51,209	9,050	37
7,985	137,561	90	1,275	30,587	14,451	818,847	17,346	45,738	35,583	38
9,951	157,593	2,889	2,008	30,695	3,368	1,452,454	45,215	255,174	81,163	39
2,605	22,655	305	526	12,480	5,110	202,577	36,384	422,330	20,726	40
6,187	56,808	1,174	2,429	37,572	1,599	2,200,661	252,519	95,200	3,602,772	41
8,469	98,274	82	2,282	33,157	5,675	2,738,350	475,310	110,976	161,850	42
6,666	142,412	89	2,675	37,111	4,801	7,049,059	3,550,954	196,261	216,135	43
1,461	13,644	42	696	21,185	10,874	446,676	4,861	71,343	4,395	44
2,484	21,493	1,075	640	14,098	7,824	285,741	10,897	47,315	6,723,496	45
4,394	41,091	1,372	1,967	43,113	4,955	474,133	101,698	2,908,718	24,181,101	46
3,076	55,435	493	981	19,170	44,433	478,734	37,409	3,172,260	40,523,914	47
11,483	120,539	2,313	3,078	56,014	38,600	854,231	158,993	10,379,744	4,888,550	48
3,715	101,010	2	205	4,297	234	539,302	64,795	24,256	97,410	49
1,636	18,207	36	369	11,682	353	152,014	24,429	24,330	3,751	50
893	7,500	5	137	1,740	70	115,957	2,660	1,283,692	4,703,610	51
5,717	57,323	199	1,824	28,713	33,331	2,946,699	530,304	152,558	114,840	52
512	3,364	-----	98	1,814	589	572,627	831	37,507	1,056	53
1,354	24,847	-----	741	20,056	159	41,976	143,567	2,093,148	10,676	54
3,738	41,275	1,145	778	17,446	1,224	1,030,819	169,969	259,465	21,675	55
492	5,193	-----	256	8,847	15	117,427	26,104	245,698	5,899	56
13,944	215,921	4,363	3,052	62,234	4,502	642,865	68,205	1,769,987	215,511	57
7,544	92,576	551	1,251	25,611	1,825	72,695	10,970	1,370,332	402,457	58
51,070	521,188	848	3,956	51,096	4,002	117,085	11,643	14,827,887	7,587,674	59