
CHAPTER X.—GENERAL STATISTICS IN DETAIL

TABLE 1.—GENERAL STATISTICS

INDUSTRY	Number of establishments	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES														
		All classes			Proprietors and firm members			Salaried officers and employees						Wage earners (average for the year)		
		Total	Male	Female	Total	Male	Female	Principal salaried officers of corporations			Other salaried officers and employees			Total	Male	Female
								Total	Male	Female	Total	Male	Female			
All industries.....	210,959	10,330,728	8,093,815	2,236,913	133,210	127,810	5,400	155,015	146,730	3,235	1,203,700	840,772	302,988	8,838,743	6,978,503	1,860,240
1 Agricultural implements.....	293	47,623	45,652	1,971	107	103	4	371	361	10	5,482	4,262	1,220	41,603	40,926	737
2 Aircraft and parts.....	132	18,635	17,701	934	15	12	3	254	246	8	3,656	3,161	495	14,710	14,342	368
3 Alcohol, ethyl, and distilled liquors.....	30	1,853	1,700	153	1	1	---	28	28	---	340	260	74	1,484	1,465	19
4 Aluminum manufactures.....	150	23,788	20,614	3,174	61	58	3	179	174	5	2,338	1,043	695	21,210	18,739	2,471
5 Ammunition and related products.....	21	7,965	4,875	3,090	3	3	---	27	26	2	712	501	211	7,223	4,340	2,877
6 Artificial and preserved flowers and plants.....	191	3,779	1,562	2,217	128	112	16	136	122	14	200	128	171	3,216	1,200	2,016
7 Artificial leather.....	17	3,160	2,930	230	---	---	---	28	26	2	542	380	153	2,500	2,515	75
8 Artists' materials.....	68	1,510	1,049	461	36	32	4	55	51	4	252	125	127	1,167	841	326
9 Asbestos products, other than steam packing or pipe and boiler covering.....	67	9,237	7,772	1,465	9	8	1	97	94	3	1,039	689	350	8,092	6,981	1,111
10 Asphalted-felt-base floor covering.....	14	2,754	2,539	215	1	1	---	15	15	---	393	260	124	2,345	2,254	91
11 Awnings, tents, sails, and canvas covers.....	1,002	9,989	6,552	3,437	813	753	60	505	523	42	1,449	851	598	7,102	4,425	2,737
12 Bags, other than paper, not made in textile mills.....	202	13,578	6,018	7,560	103	100	3	138	178	10	1,459	938	521	11,828	4,802	7,026
13 Bags, paper, exclusive of those made in paper mills.....	95	7,861	4,011	3,850	18	18	---	113	111	2	760	501	259	6,970	3,381	3,589
14 Baking powders, yeast, and other leavening compounds.....	48	3,667	2,755	912	8	8	---	52	40	3	601	375	226	3,006	2,323	683
15 Baskets and rattan and willow ware, not including furniture.....	273	10,155	7,637	2,518	172	168	4	184	176	8	446	316	130	9,353	6,077	2,376
16 Belting other than leather and rubber, not made in textile mills.....	0	383	279	104	6	6	---	14	14	---	108	61	47	255	198	57
17 Belting, leather.....	207	3,511	3,088	423	94	92	2	203	189	14	612	410	202	2,602	2,397	205
18 Beverages.....	5,154	40,808	38,330	2,276	4,534	4,367	167	2,299	2,152	147	5,492	4,146	1,346	28,281	27,065	616
19 Billiard and pool tables, bowling alleys, and accessories.....	40	1,625	1,369	256	26	25	1	33	29	4	176	110	66	1,390	1,205	185
20 Blacking, stains, and dressings.....	170	2,466	1,659	807	83	81	2	179	172	7	587	317	270	1,617	1,089	528
21 Bluing.....	20	151	107	44	13	13	---	11	11	---	22	15	7	105	68	37
22 Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.....	117	18,226	15,399	2,827	17	14	3	235	226	9	1,799	1,227	572	10,175	13,032	2,243
23 Bone black, carbon black, and lamp black.....	77	2,140	2,113	27	3	3	---	26	20	---	196	173	23	1,915	1,911	4
24 Bookbinding and blank-book making.....	1,108	29,495	17,315	12,180	676	649	27	892	824	68	3,173	1,646	1,527	24,754	14,196	10,558
25 Boot and shoe cut stock, not made in boot and shoe factories.....	210	10,039	7,471	3,168	160	153	7	151	139	12	829	564	265	9,499	6,615	2,884
26 Boot and shoe findings, not made in boot and shoe factories.....	382	12,037	7,920	4,117	220	215	11	318	293	25	1,117	533	584	10,376	6,879	3,497
27 Boots and shoes, other than rubber.....	1,341	225,701	132,730	92,971	466	447	19	2,050	1,968	82	17,545	9,312	8,233	205,640	121,003	84,637
28 Boots and shoes, rubber.....	22	29,278	15,078	13,300	---	---	---	46	40	---	3,573	1,871	1,702	25,659	14,061	11,598
29 Boxes, cigar, wooden.....	118	4,740	2,842	2,898	98	92	6	83	77	6	185	124	61	4,374	2,049	2,325
30 Boxes, paper, not elsewhere classified.....	1,249	63,894	33,872	30,022	440	410	30	1,538	1,499	39	6,212	3,800	2,412	55,054	28,163	27,491
31 Boxes, wooden, except cigar boxes.....	792	33,581	30,986	2,595	438	380	58	650	623	22	1,039	1,486	453	30,554	23,492	2,062
32 Bread and other bakery products.....	20,735	244,070	200,121	43,949	21,588	20,019	1,569	3,214	2,948	266	18,427	11,614	6,813	200,841	165,540	35,301
33 Brooms.....	407	5,405	4,723	682	389	379	10	129	122	7	345	242	103	4,542	3,980	562
34 Brushes, other than rubber.....	303	8,947	6,288	2,659	188	170	9	281	253	28	1,217	667	550	7,261	5,189	2,072
35 Butter.....	3,527	27,934	22,613	5,321	1,307	1,235	72	1,780	1,742	47	5,741	3,341	2,400	19,097	16,295	2,802
36 Buttons.....	242	10,055	6,692	3,363	127	127	---	172	169	3	722	431	241	9,084	5,915	3,119
37 Candles.....	20	941	635	306	4	3	1	35	34	1	121	44	77	781	454	327
38 Canning and preserving: Fish, crabs, shrimps, oysters, and clams.....	343	14,898	8,295	6,603	128	125	3	269	259	10	839	645	244	13,612	7,266	6,346
39 Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	2,997	110,551	60,141	50,410	1,755	1,701	54	1,734	1,635	99	8,106	5,683	2,513	98,866	51,122	47,744
40 Car and general construction and repairs, electric-railroad repair shops.....	440	31,982	31,562	420	---	---	---	49	49	---	2,458	2,244	214	29,475	29,269	206
41 Car and general construction and repairs, steam-railroad repair shops.....	1,851	308,655	305,909	2,746	---	---	---	125	125	---	29,849	27,947	1,902	368,681	367,837	844
42 Carbon paper and inked ribbons.....	57	1,781	1,187	594	21	20	1	90	82	8	419	194	225	1,251	891	360
43 Cardboard, not made in paper mills.....	13	820	589	231	1	1	---	28	27	1	182	104	78	609	457	152
44 Card cutting and designing.....	70	2,853	1,686	1,167	45	43	2	80	73	7	390	209	181	2,338	1,361	977
45 Carpets and rugs, rag.....	94	1,868	1,131	735	83	78	5	38	32	6	216	92	124	1,526	920	606
46 Carpets and rugs, wool, other than rag.....	87	35,051	23,054	11,997	10	10	---	135	129	6	2,283	1,611	672	32,623	21,304	11,319
47 Carriage, wagon, sleigh, and sled materials.....	45	832	798	34	30	26	4	34	30	4	87	65	22	681	677	4
48 Carriages and sleds, children's.....	79	7,909	6,656	1,253	15	14	1	134	123	11	658	351	277	7,102	6,138	964
49 Carriages, wagons, sleighs, and sleds.....	88	3,465	3,360	106	22	21	1	102	100	2	468	375	93	2,873	2,864	9

¹ Computed by use of ratios between numbers of male and of female wage earners reported for Dec. 14. See GENERAL EXPLANATIONS—Persons Engaged.

GENERAL STATISTICS IN DETAIL

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IN DETAIL, BY INDUSTRIES: 1929

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
42,931,061	20,155,307	22,775,664	\$964,048,570	\$2,631,015,491	\$11,620,973,254	\$38,549,579,732	\$30,083,414,013	\$1,866,165,719	\$70,434,863,443	\$31,885,283,711	1
128,499	54,118	74,381	2,355,119	11,044,065	53,941,939	113,969,484	109,335,308	4,634,176	277,854,462	163,884,978	2
16,505	312	16,193	1,683,630	7,840,828	21,923,844	27,308,103	26,761,105	606,998	71,152,924	43,784,821	3
13,577	7,484	6,093	290,463	808,658	2,131,188	35,046,063	33,442,201	1,603,772	54,284,665	19,238,602	4
107,846	13,905	93,851	1,180,024	4,569,100	29,692,727	94,036,463	90,020,982	3,115,481	153,457,248	59,420,785	5
17,061	9,800	7,201	270,220	1,515,303	8,272,618	19,841,605	19,185,624	650,041	43,808,520	23,066,855	6
625	46	579	672,617	534,893	3,217,642	5,527,451	5,449,142	78,309	14,425,420	8,897,969	7
14,650	2,172	12,478	258,448	1,384,023	3,955,702	22,267,938	21,764,446	503,492	32,061,252	10,693,314	8
3,397	812	2,585	347,752	573,404	1,428,728	4,155,317	4,015,581	138,736	9,460,565	5,304,248	9
40,458	11,945	28,513	603,087	2,516,596	10,770,712	25,408,002	23,745,592	1,662,410	56,164,036	30,756,034	10
11,092	1,309	9,783	125,975	998,082	3,501,238	14,278,805	13,767,763	511,042	31,888,962	17,610,157	11
4,995	455	4,540	2,256,676	2,463,158	8,559,321	25,328,140	25,032,728	295,412	49,237,576	23,909,430	12
19,159	6,647	12,512	1,247,706	3,486,765	9,644,876	144,275,477	143,859,270	416,207	170,175,893	25,900,410	13
13,416	1,045	12,368	803,182	1,544,561	6,661,235	43,238,392	42,887,266	351,127	64,021,192	21,382,800	14
42,788	27,740	15,039	610,494	1,790,341	4,840,730	22,598,378	21,362,531	1,235,847	52,336,812	29,738,434	15
20,180	12,835	7,345	696,079	752,137	6,671,089	8,820,166	8,633,106	187,060	22,851,043	14,030,877	16
1,648	824	824	176,346	319,000	298,910	1,328,090	1,287,303	40,697	2,788,627	1,460,537	17
6,826	2,780	4,046	1,091,488	1,267,106	3,540,721	20,679,778	20,468,748	211,030	35,631,082	14,951,904	18
149,166	67,990	81,206	8,040,072	10,941,594	38,314,414	103,026,180	97,649,115	5,377,065	270,323,803	167,297,623	19
6,402	4,365	2,037	161,809	266,680	1,862,917	3,238,990	3,114,697	123,699	8,821,363	5,582,967	20
3,317	712	2,605	936,219	1,089,619	1,959,443	8,345,234	8,216,553	128,681	24,681,836	16,336,602	21
169	8	161	51,943	48,193	106,917	408,897	461,426	7,441	1,364,510	895,643	22
66,343	17,228	49,115	2,357,688	4,591,666	22,116,532	44,211,785	41,914,443	2,297,342	102,392,099	58,180,314	23
11,268	6,732	4,536	197,559	498,885	2,588,253	9,096,098	7,376,423	1,719,675	20,169,722	11,073,624	24
21,741	1,499	20,242	5,078,270	5,776,395	31,779,037	30,754,777	29,839,474	915,303	102,783,405	72,028,628	25
15,823	8,242	7,586	781,329	1,511,995	10,319,996	107,545,777	107,151,688	394,039	133,447,914	25,992,137	26
20,259	3,801	16,458	1,690,005	2,176,436	11,053,252	31,964,401	31,316,809	647,592	58,625,445	26,661,044	27
140,329	45,667	94,662	13,855,472	30,420,410	222,407,732	515,055,240	510,342,438	4,712,808	965,922,694	450,867,448	28
62,603	14,440	48,163	610,872	7,134,272	20,045,205	34,396,466	32,902,573	1,493,893	102,537,625	68,141,159	29
5,518	1,897	3,621	403,465	410,763	3,507,711	5,238,209	5,102,054	136,155	12,459,425	7,221,216	30
80,064	12,208	67,856	9,475,652	12,889,222	57,109,700	159,839,577	156,945,925	2,893,652	294,263,296	134,413,719	31
137,261	70,085	67,176	3,295,925	3,965,153	29,193,575	74,081,937	72,863,664	1,218,273	135,025,675	60,943,738	32
355,523	38,522	317,001	14,704,188	35,180,577	274,561,581	737,099,500	706,588,098	30,511,402	1,526,110,811	789,011,311	33
4,672	1,225	3,447	508,541	588,499	4,169,037	9,647,688	9,489,474	158,214	19,166,353	9,518,665	34
11,916	3,364	8,551	1,698,936	2,571,351	7,962,538	21,688,253	21,294,515	393,738	45,549,270	23,861,017	35
164,413	43,324	121,089	3,154,689	9,334,391	24,197,840	635,873,583	628,085,048	7,788,535	746,417,620	110,544,034	36
14,616	4,284	10,331	1,001,541	1,440,793	8,313,927	11,501,401	10,990,597	510,804	28,977,919	17,476,518	37
1,971	1,503	468	261,393	240,424	923,039	3,250,627	3,173,982	76,645	6,686,194	3,435,567	38
21,692	7,221	14,471	1,231,805	1,574,899	8,796,058	53,239,911	52,432,332	807,579	80,848,513	27,608,602	39
224,007	95,584	128,513	7,494,038	14,639,941	74,078,590	462,062,128	456,059,796	6,002,332	750,342,041	288,279,913	40
70,424	65	70,359	153,729	5,269,945	47,108,710	32,781,113	31,331,150	1,449,963	85,481,577	52,700,464	41
1,076,723	442,047	634,676	458,928	76,712,091	590,202,724	515,562,452	485,828,684	29,733,768	1,184,435,262	668,872,810	42
3,642	856	2,786	689,887	840,536	1,702,358	7,990,753	7,874,490	116,257	17,295,140	9,304,357	43
1,549	1,030	519	330,325	522,383	819,178	2,065,258	2,018,550	46,699	5,629,495	2,964,240	44
3,909	1,087	2,822	616,025	767,171	2,725,047	9,285,931	9,180,771	105,160	19,648,179	10,362,248	45
2,416	182	2,234	141,493	338,586	1,562,372	1,668,937	1,567,616	101,321	5,510,768	3,851,831	46
65,205	41,003	24,202	1,609,963	5,749,730	40,014,207	36,650,892	34,420,991	2,229,901	176,915,364	90,264,472	47
4,760	2,404	2,356	97,384	141,584	564,035	1,481,988	1,431,784	50,204	2,792,222	1,310,240	48
10,895	3,295	7,600	798,092	1,162,482	8,313,356	13,514,787	13,146,973	367,814	28,817,860	15,303,073	49
14,899	7,332	7,567	467,458	960,229	3,417,963	8,458,294	8,196,081	262,213	16,449,879	7,991,585	50

CENSUS OF MANUFACTURES: 1929

TABLE 1.—GENERAL STATISTICS IN

INDUSTRY	Number of establishments	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES														
		All classes			Proprietors and firm members			Salaried officers and employees						Wage earners (average for the year)		
		Total	Male	Female	Total	Male	Female	Principal salaried officers of corporations			Other salaried officers and employees			Total	Male ¹	Female ¹
								Total	Male	Female	Total	Male	Female			
1 Cars, electric and steam railroad, not built in railroad repair shops.	147	46,116	45,061	1,055	3	3	101	159	5	5,937	5,203	734	40,015	39,609	316	
2 Cash registers and adding, calculating, and card-tabulating machines.	40	20,188	16,254	3,934	9	9	66	60	0	3,273	2,241	1,032	16,840	13,944	2,896	
3 Caskets, coffins, burial cases, and other morticians' goods.	414	15,300	12,237	3,123	154	140	14	495	460	35	1,078	1,111	507	13,033	10,526	2,507
4 Cast-iron pipe.	72	21,036	20,765	271	9	7	2	105	103	2	1,181	981	200	19,741	19,674	67
5 Cement.	174	38,760	38,042	714	4	4	2	206	203	3	5,178	4,604	484	33,368	33,141	227
6 Cereal preparations.	121	8,204	6,182	2,022	40	45	1	124	120	4	1,545	1,083	463	6,488	4,934	1,554
7 Cheese.	2,758	5,736	5,458	298	1,524	1,469	55	420	414	6	441	326	115	3,401	3,279	122
8 Chemicals, not elsewhere classified.	551	75,558	69,713	5,845	41	39	2	658	628	30	12,060	9,855	2,805	62,199	59,191	3,008
9 Chewing gum.	37	2,850	1,474	1,385	7	7	48	45	1	541	333	208	2,265	1,089	1,176	
10 China firing and decorating, not done in potteries.	27	407	219	188	22	21	1	14	12	2	54	27	27	817	159	658
11 Chocolate and cocoa products, not including confectionery.	59	7,072	5,278	1,794	4	4	111	108	3	708	443	265	6,240	4,723	1,517	
12 Cigars and cigarettes.	1,036	115,957	43,754	72,203	1,518	1,479	39	456	431	25	8,075	7,333	1,342	105,308	34,511	70,797
13 Clay products (other than pottery) and nonclay refractories.	1,749	102,055	98,098	3,957	530	618	12	1,592	1,533	59	6,507	5,457	1,140	93,336	90,585	2,751
14 Cleaning and polishing preparations.	429	4,505	3,009	1,496	168	153	15	390	358	32	1,234	578	656	2,713	1,920	793
15 Clocks, clock movements, time-recording devices, and time stamps.	56	11,043	7,847	4,008	4	4	116	107	9	1,422	968	464	10,401	6,778	3,623	
16 Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.	3,601	160,143	80,919	88,224	3,952	3,898	54	2,288	2,202	86	13,035	7,151	5,884	149,368	67,608	82,200
17 Clothing, men's, buttonholes.	32	842	150	192	30	30	4	4	4	10	8	2	292	102	190	
18 Clothing, women's, not elsewhere classified.	8,082	222,404	79,075	143,329	7,689	7,308	381	6,096	5,606	490	21,119	10,386	10,733	187,500	55,775	131,725
19 Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.	511	41,196	8,011	33,185	323	314	9	488	467	21	2,184	1,133	1,051	38,201	0,097	32,104
20 Cloth sponging and refinishing.	46	1,083	1,027	56	20	20	64	62	2	97	50	47	902	806	7	
21 Coffee and spice, roasting and grinding.	928	13,792	8,922	4,870	436	411	25	834	707	37	3,469	2,052	1,417	9,053	5,062	3,391
22 Coke, not including gas-house coke.	163	23,508	23,263	245	5	5	73	72	1	2,878	2,634	244	20,552	20,552	0	
23 Collapsible tubes.	17	1,968	751	1,217	7	7	31	28	3	116	66	50	1,821	657	1,164	
24 Collars, men's.	15	3,192	718	2,474	7	7	13	13	0	220	64	156	2,952	634	2,318	
25 Combs and hairpins, not made from metal or rubber.	24	793	505	288	16	15	1	42	40	2	79	40	39	656	410	246
26 Compressed and liquefied gases.	354	6,440	5,947	502	3	3	90	88	2	2,960	2,475	491	3,300	3,381	9	
27 Concrete products.	2,438	21,697	21,153	544	1,784	1,694	40	1,028	990	38	2,430	1,979	451	16,505	16,490	15
28 Condensed and evaporated milk.	535	8,536	7,814	722	38	38	129	124	5	1,304	987	317	7,065	6,665	400	
29 Confectionery.	2,021	73,940	30,330	43,610	1,222	1,111	111	1,546	1,438	108	7,071	3,973	3,098	63,501	23,808	39,693
30 Cooperage.	586	11,064	11,528	436	303	298	5	239	214	25	731	600	131	10,691	10,416	275
31 Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.	2,161	37,003	34,514	2,549	1,510	1,488	28	1,648	1,564	84	5,308	3,719	1,587	28,593	27,743	850
32 Cordage and twine.	123	15,915	10,414	5,501	17	17	202	190	12	1,207	871	336	14,489	9,336	5,153	
33 Cork products.	35	4,265	2,008	1,367	12	11	1	45	42	3	366	261	105	3,842	2,594	1,248
34 Corn sirup, corn sugar, corn oil, and starch.	35	8,227	7,070	577	9	9	83	74	9	1,405	1,189	216	6,730	6,398	332	
35 Corsets and allied garments.	213	15,958	3,023	12,935	99	88	10	270	236	34	1,925	621	1,304	13,664	2,088	11,576
36 Cotton goods.	1,281	439,101	266,090	173,011	91	84	7	2,116	2,063	53	11,978	9,314	2,664	424,916	254,629	170,287
37 Cotton small wares.	202	16,680	7,237	9,443	60	62	7	233	222	16	1,092	656	436	15,281	6,297	8,984
38 Crucibles.	11	413	393	20	22	21	1	22	21	1	70	51	19	321	321	0
39 Cutlery (not including silver and plated cutlery) and edge tools.	239	17,005	12,685	4,320	111	109	2	317	290	21	1,586	1,025	561	14,991	11,255	3,736
40 Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.	172	7,210	6,307	813	90	92	4	158	147	11	1,506	933	573	5,450	5,225	225
41 Dental goods and equipment.	87	5,555	3,247	2,308	38	35	3	93	89	4	865	502	363	4,559	2,621	1,938
42 Doors, shutters, and window sash and frames, metal.	148	11,949	11,458	491	33	30	3	264	256	8	2,095	1,621	474	9,567	9,551	16
43 Druggists' preparations.	429	14,753	7,958	6,795	135	125	10	506	450	47	3,424	1,759	1,665	10,688	5,615	5,073
44 Drug grinding.	26	844	741	103	5	5	34	34	0	128	85	43	677	617	60	
45 Dyeing and finishing textiles.	732	89,047	69,034	20,013	217	207	10	1,210	1,123	87	8,893	6,330	2,563	79,327	61,374	17,953
46 Electrical machinery, apparatus, and supplies.	1,802	405,053	287,952	117,101	464	452	12	2,671	2,555	116	73,196	49,000	23,296	328,722	235,039	93,683
47 Electroplating.	534	7,313	6,767	546	470	451	19	304	292	12	611	358	253	5,928	5,600	282
48 Embroideries.	813	8,161	2,853	5,308	819	785	34	275	252	23	445	245	200	6,622	1,621	5,001
49 Emery wheels and other abrasive and polishing appliances.	67	4,980	4,198	782	16	15	1	103	103	0	984	673	411	3,873	3,507	366
50 Engines, turbines, tractors, and water wheels.	199	72,207	69,242	2,965	27	27	380	371	9	10,652	8,168	2,484	61,148	60,676	472	
51 Engravers' materials.	19	383	365	18	3	3	23	23	0	44	26	18	313	313	0	
52 Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.	189	2,833	2,393	440	182	180	2	85	85	0	326	210	107	2,240	1,909	331
53 Engraving, steel and copper-plate, and plate printing.	456	12,498	7,141	5,357	317	306	11	376	354	22	1,675	874	801	10,130	5,607	4,523

¹ Computed by use of ratios between numbers of male and of female wage earners reported for Dec. 14. See GENERAL EXPLANATIONS—Persons Engaged.

GENERAL STATISTICS IN DETAIL

DETAIL, BY INDUSTRIES: 1929—Continued

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
238,455	97,900	140,555	\$1,424,410	\$11,941,318	\$63,387,382	\$223,889,397	\$219,166,065	\$4,723,332	\$328,220,204	\$104,330,807	1
28,267	22,984	5,273	1,167,692	8,122,761	29,745,865	10,766,013	10,285,427	480,586	110,000,986	99,234,073	2
39,000	12,811	26,798	2,663,332	3,812,424	16,411,027	39,350,294	38,500,429	849,865	88,281,872	48,031,578	3
69,757	8,205	61,552	759,102	2,991,775	22,551,778	34,289,365	30,330,002	3,958,763	80,280,550	45,971,185	4
1,183,989	608,935	575,054	1,914,368	12,070,744	48,849,096	95,242,497	42,561,528	52,680,969	267,509,260	172,266,763	5
60,291	14,847	51,444	872,140	2,482,923	8,875,622	101,471,621	99,347,500	2,124,021	175,223,120	73,751,605	6
24,739	15,701	9,038	270,890	588,523	4,588,067	92,727,217	91,284,620	1,442,597	110,044,732	17,917,515	7
854,358	475,498	378,860	5,510,897	30,413,889	94,680,013	363,576,811	313,319,328	50,257,483	738,048,386	374,471,575	8
10,350	3,874	6,476	459,963	1,002,188	2,732,946	23,231,172	22,998,080	233,092	60,160,126	36,928,054	9
53		53	61,711	83,962	420,303	640,361	603,648	36,713	1,554,003	913,042	10
63,236	32,135	31,101	808,559	1,689,704	7,778,061	79,549,371	77,945,948	1,603,423	119,540,693	39,991,322	11
49,517	25,192	24,325	3,112,310	16,653,229	85,623,298	359,778,023	355,142,046	1,635,977	1,066,908,888	710,139,865	12
533,887	192,940	340,947	7,728,770	13,601,536	106,918,327	81,698,742	36,627,090	45,071,652	294,934,513	218,235,771	13
10,609	1,115	9,494	2,090,370	2,258,901	3,356,161	19,399,041	19,044,274	354,767	50,779,632	31,380,591	14
12,451	6,081	6,370	1,025,472	2,801,987	12,481,894	10,675,118	10,317,489	357,624	42,165,875	31,490,792	15
40,325	9,595	30,730	15,361,793	20,543,084	179,768,808	440,504,979	437,065,236	3,439,743	901,104,205	460,599,226	16
104	6	98	9,182	17,888	314,192	60,792	57,743	3,049	573,999	513,117	17
35,291	366	34,925	37,659,991	46,356,689	243,851,143	934,413,683	929,786,424	4,627,259	1,709,580,505	775,160,822	18
11,492	565	10,927	2,425,075	3,793,998	26,647,078	83,551,715	82,899,737	651,978	138,450,078	54,898,363	19
800		800	332,907	226,556	1,457,104	88,340	23,505	64,835	3,361,221	3,272,881	20
45,465	4,451	41,014	5,174,109	6,834,714	10,606,360	332,150,200	330,215,437	1,934,763	424,344,837	92,194,637	21
393,211	281,686	111,525	524,805	6,926,633	33,389,425	281,592,430	14,266,223	267,326,207	416,348,458	134,750,028	22
2,272	540	1,732	350,607	296,389	1,782,024	5,385,900	5,286,217	99,689	8,012,977	3,527,071	23
1,281	255	1,026	57,134	284,219	2,263,335	3,630,168	3,573,496	56,672	6,740,396	5,110,228	24
1,015	633	382	144,186	123,797	640,867	1,006,824	974,106	32,718	2,482,419	1,475,505	25
85,293	9,288	70,005	569,428	5,093,304	5,378,211	14,528,603	10,971,158	3,557,445	52,189,779	37,691,176	26
67,651	6,719	60,932	3,658,420	4,690,984	22,088,062	34,035,184	32,497,625	1,537,559	92,900,749	58,895,565	27
85,268	45,098	40,160	512,316	2,373,026	8,795,629	163,780,818	159,933,280	3,853,529	200,109,700	45,322,882	28
112,644	30,375	82,269	9,027,295	14,558,180	50,442,674	215,192,474	210,501,318	4,691,156	893,266,840	178,077,375	29
33,885	21,722	12,163	1,029,892	11,705,704	11,705,704	41,515,500	41,008,260	509,210	64,841,788	23,326,288	30
53,749	4,597	49,152	7,946,855	10,467,179	43,254,611	112,648,112	111,097,444	1,550,668	222,484,625	109,830,513	31
73,021	28,069	44,952	1,240,636	2,755,332	12,833,561	54,573,259	53,105,382	1,467,877	91,455,117	36,881,858	32
14,829	5,795	9,034	167,034	735,766	4,208,674	12,602,522	12,013,865	588,654	23,023,229	10,420,807	33
84,686	83,488	1,198	706,737	3,429,521	9,872,909	104,294,827	100,488,155	3,801,672	166,983,739	91,098,912	34
0,048	2,755	3,203	2,458,744	3,774,482	12,446,334	36,035,079	35,737,839	297,240	76,802,199	40,767,120	35
2,269,346	1,039,865	1,229,981	13,762,612	27,288,110	324,289,044	898,028,977	850,658,328	47,370,649	1,524,177,087	926,148,110	36
27,308	11,003	16,305	1,707,276	2,308,131	15,449,435	33,636,208	32,609,673	1,026,535	65,169,753	31,533,645	37
1,680	485	1,195	155,185	430,141	1,035,414	1,035,414	960,123	85,291	2,944,724	1,900,310	38
49,886	24,834	25,552	2,142,703	3,272,257	17,651,292	14,789,335	13,521,862	1,267,473	78,660,872	63,871,537	39
18,672	2,830	10,833	955,353	2,861,084	6,025,320	16,371,116	15,903,335	467,781	42,246,768	25,875,642	40
6,216	2,608	3,613	765,039	1,951,553	5,359,432	17,326,748	17,047,529	279,219	35,180,165	17,853,417	41
26,027	1,797	23,230	1,813,250	5,386,006	17,065,522	30,178,161	29,553,694	624,467	72,100,388	41,982,227	42
19,448	6,328	13,120	3,918,377	7,499,243	12,452,098	43,775,986	42,986,664	789,322	124,778,487	81,002,501	43
5,277	2,685	2,592	232,760	306,062	840,635	5,675,079	5,501,018	174,061	9,669,220	3,994,141	44
304,057	195,088	108,969	8,782,839	22,492,157	94,244,685	235,712,166	219,122,377	16,589,779	465,820,629	230,108,478	45
893,519	284,835	608,684	24,579,345	146,267,981	456,377,629	971,017,623	947,523,307	23,489,316	2,300,915,572	1,323,897,949	46
24,015	277	23,738	1,331,095	1,226,397	9,536,800	4,798,667	3,918,792	879,875	23,727,916	18,929,240	47
2,279		2,279	1,027,532	811,543	7,867,908	6,608,840	6,374,921	233,919	25,286,796	18,677,956	48
18,113	3,419	14,694	930,721	2,059,439	5,820,143	12,416,663	11,599,732	816,931	32,154,311	19,737,648	49
287,079	95,698	191,381	3,573,748	24,682,631	98,705,080	202,900,430	195,435,364	7,465,066	457,217,609	254,317,239	50
1,493		1,493	166,989	113,818	448,385	1,794,804	1,745,900	48,904	3,129,483	1,394,079	51
2,965		2,965	572,977	755,098	3,211,743	2,583,039	2,463,883	119,176	10,933,741	8,350,702	52
8,506	273	8,233	2,475,283	3,461,304	14,489,730	11,864,764	11,524,281	340,483	47,161,641	35,296,877	53

GENERAL STATISTICS IN DETAIL

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DETAIL, BY INDUSTRIES: 1929—Continued

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
54		54	\$47,351	\$29,509	\$323,211	\$82,250	\$79,178	\$3,072	\$738,951	\$656,701	1
13,077	3,494	9,583	1,761,473	8,093,023	11,526,849	29,927,683	29,492,924	434,759	61,286,692	31,859,309	2
10,667	6,311	4,356	107,009	164,600	1,210,144	2,439,530	2,322,039	117,491	5,008,769	2,569,230	3
51,612	23,498	28,114	208,734	2,017,656	8,487,890	81,764,307	29,966,690	1,797,617	72,539,724	40,775,417	4
11,071	724	10,347	3,761,239	4,220,970	10,040,511	35,139,854	34,501,366	688,488	85,388,961	50,249,107	5
100	36	64	68,103	69,041	309,693	386,356	379,629	6,727	1,141,418	755,092	6
170,482	16,402	154,080	3,100,735	6,418,331	12,821,886	327,919,748	324,975,404	2,944,249	402,752,534	74,832,701	7
25,655	11,196	14,459	854,829	1,651,360	7,531,298	26,223,967	25,384,953	839,014	45,465,823	19,241,850	8
166,984	26,024	140,960	2,595,952	6,801,755	17,883,925	159,801,195	157,020,058	2,781,137	232,510,930	72,700,741	9
12,091	4,590	7,501	176,391	806,277	5,239,808	3,052,675	2,611,605	441,070	14,114,378	11,061,703	10
15,427	5,217	10,210	373,314	1,006,657	9,200,651	9,200,651	3,521,102	595,997	21,970,367	17,853,268	11
1,464		1,464	302,777	604,598	958,570	4,117,099	4,117,099	88,550	8,589,039	4,378,565	12
1,746	272	1,474	227,294	225,921	1,930,595	2,464,612	2,300,315	104,302	5,583,502	4,118,885	13
577	150	427	199,776	239,712	794,328	1,771,320	1,741,604	29,656	3,835,824	2,064,604	14
33,838	18,603	15,235	3,569,017	4,179,437	7,070,860	55,617,926	53,911,826	1,606,100	129,086,237	73,563,311	15
429	295	134	11,902	6,466	35,406	93,477	90,580	2,897	197,035	103,658	16
641,456	303,022	333,434	6,458,866	14,136,089	35,072,366	863,872,560	858,624,167	10,248,412	1,060,269,418	101,398,849	17
36,716	12,900	23,766	3,275,999	5,516,803	11,657,720	96,387,639	94,749,100	1,644,449	171,800,987	75,473,348	18
147,491	24,986	122,505	3,098,254	5,617,502	34,505,349	71,606,064	63,646,930	7,960,034	156,248,947	84,641,983	19
1,804,886	277,785	1,527,101	74,056,227	173,800,847	697,508,589	1,038,066,062	977,510,548	60,555,544	2,791,461,964	1,753,305,872	20
9,399	2,700	6,699	546,921	439,569	1,255,801	5,534,548	5,324,565	209,983	10,458,589	4,924,041	21
14,893	990	13,903	110,081	155,171	584,029	5,918,799	3,352,609	2,566,130	9,497,657	3,878,858	22
5,511	12	5,499	6,582,836	6,174,775	33,329,965	176,100,910	175,471,497	635,413	277,692,752	101,485,842	23
7,036	1,609	5,427	3,140,010	4,319,120	23,009,391	83,631,818	83,062,195	569,623	150,963,003	67,331,785	24
503,970	189,194	314,776	27,420,036	43,427,693	242,832,090	420,454,169	415,649,305	10,804,864	948,110,368	521,002,180	25
10,769	2,440	8,329	1,794,999	1,286,604	8,596,377	18,648,954	18,213,467	435,487	40,237,192	21,558,238	26
2,266	50	2,216	392,437	280,943	1,563,716	3,939,417	3,876,061	263,356	7,600,541	3,727,124	27
40,209	4,224	35,985	5,491,689	8,219,111	33,268,596	57,918,407	56,211,179	1,707,228	144,965,706	87,047,299	28
11,029	900	10,129	1,178,356	2,676,262	8,931,625	15,187,488	14,757,480	430,008	40,623,344	25,435,856	29
544,024	365,412	178,612	2,991,612	37,782,690	60,160,026	188,416,133	85,987,494	102,428,689	512,652,595	324,236,412	30
341,979	115,137	226,842	3,238,658	12,347,873	87,795,111	103,293,943	73,114,566	30,179,377	803,818,560	200,524,617	31
5,757	241	5,516	1,091,811	1,634,571	7,814,551	16,318,638	15,930,620	370,013	58,273,093	16,964,370	32
3,702	275	3,427	496,821	516,700	5,914,275	19,289,234	19,111,483	177,751	20,882,958	10,593,724	33
3,498	1,347	2,151	891,181	1,381,142	9,203,911	20,205,740	20,013,728	192,012	39,122,729	18,916,989	34
23,584	17,137	6,447	732,270	926,149	4,236,092	18,978,027	17,448,905	1,529,122	32,458,019	18,479,902	35
833	7	826	129,308	185,438	1,134,044	1,932,667	1,903,004	28,763	3,978,024	2,045,357	36
4,280	584	3,696	381,834	921,763	1,633,838	61,570,093	61,364,738	215,355	67,969,140	6,389,047	37
8,156	720	2,436	89,558	96,061	627,235	1,457,860	1,366,478	91,382	3,759,669	2,302,109	38
41,686	15,281	26,405	910,053	1,705,202	7,862,149	40,142,447	38,103,439	2,038,967	61,607,990	21,405,543	39
1,113	455	658	59,900	66,938	526,069	2,550,563	2,503,154	47,409	8,855,388	1,304,825	40
44	18	26	115,467	68,923	432,340	538,479	529,823	8,656	1,693,588	1,156,109	41
2,409	1,085	1,324	528,871	643,420	4,635,901	16,342,735	16,226,104	116,631	29,563,777	13,211,042	42
3,596	45	3,551	1,074,788	1,272,037	4,080,780	3,811,158	3,663,389	187,769	15,036,023	11,224,866	43
112,705	32,302	80,403	5,561,165	14,207,398	67,702,255	76,480,210	72,611,196	3,869,014	229,477,507	152,997,297	44
5,164	3,228	1,936	544,241	414,174	2,875,718	17,305,115	17,088,802	216,313	25,080,943	7,725,823	45
1,796	3	1,793	1,282,357	1,081,791	7,694,078	16,907,661	16,734,508	173,153	35,900,664	18,963,093	46
19,894	12,307	7,587	1,940,166	3,737,394	22,502,542	55,298,045	54,303,393	994,652	102,004,165	46,706,120	47
1,830	935	901	633,559	734,792	3,687,570	8,704,621	8,595,166	109,455	13,788,904	10,084,373	48
2,811	1,820	991	121,210	274,620	2,314,680	4,678,189	4,524,992	183,197	9,056,590	4,377,401	49
850	725	125	15,550	182,155	182,155	340,669	314,433	26,236	868,811	528,142	50
1,375	1,237	138	94,833	92,570	497,871	1,470,670	1,437,375	33,295	2,895,158	1,424,488	51
16,866	4,201	12,665	3,842,807	3,737,473	16,150,499	76,624,989	76,000,235	624,754	127,602,002	59,977,013	52
230,882	22,580	208,302	6,565,743	10,579,071	33,803,044	155,964,886	148,148,867	7,816,510	328,413,911	172,449,525	53
1,077,295	334,141	743,154	6,398,467	10,421,908	42,399,295	39,808,164	19,250,435	29,557,729	210,952,264	171,144,100	54
20,300	4,520	15,780	1,894,141	2,417,663	3,957,185	19,204,715	18,543,595	661,120	42,740,002	23,645,277	55
847	4,550	297	214,266	421,470	479,995	1,992,573	1,968,837	33,736	4,694,974	2,602,401	56
22,816	2,290	20,526	2,562,130	8,482,676	22,682,052	28,411,430	27,493,060	918,370	89,746,369	61,334,939	57
7,532,530	5,082,616	2,449,914	221,746 9,936,747	6,624,623 93,696,976	41,958,569 689,015,541	610,293,891 1,904,083,157	416,621,821 1,695,894,135	193,671,370 208,279,022	771,425,464 3,365,783,805	161,131,773 1,461,705,048	58 59
2,210	8	2,202	306,414	263,304	878,459	1,088,672	734,637	354,035	3,365,430	2,776,808	60

CENSUS OF MANUFACTURES: 1929

TABLE 1.—GENERAL STATISTICS IN

		PERSONS ENGAGED IN MANUFACTURING INDUSTRIES														
INDUSTRY	Number of establishments	All classes			Proprietors and firm members			Salaried officers and employees						Wage earners (average for the year)		
		Total	Male	Female	Total	Male	Female	Principal salaried officers of corporations			Other salaried officers and employees			Total	Male ¹	Female ¹
								Total	Male	Female	Total	Male	Female			
1 Peanuts, walnuts, and other nuts, processed or shelled.	169	8,546	8,562	4,994	49	48	3	98	87	6	471	368	113	7,933	3,061	4,872
2 Pencils, lead (including mechanical).	38	6,872	3,936	2,936	6	6	---	82	80	2	1,081	609	472	5,703	3,241	2,462
3 Pens, fountain and stylographic; pen points, gold, steel, and brass.	76	5,402	2,890	2,512	37	35	2	102	94	8	603	310	353	4,600	2,451	2,149
4 Perfumes, cosmetics, and other toilet preparations.	815	19,495	8,402	11,093	266	232	34	862	760	102	5,258	2,128	3,130	13,109	5,282	7,827
5 Petroleum refining.	390	94,405	92,464	1,941	12	11	1	325	319	6	13,472	11,865	1,607	80,598	80,269	327
6 Phonographs.	59	16,898	11,154	5,744	4	4	---	187	179	8	2,091	930	1,161	14,416	10,041	4,375
7 Photo-engraving, not done in printing establishments.	654	16,851	15,672	1,179	232	225	7	1,007	952	55	3,259	2,371	888	12,353	12,124	229
8 Photographic apparatus and materials.	115	16,300	12,324	4,036	58	57	1	109	102	7	3,226	2,201	1,025	12,967	9,984	3,003
9 Pipes (tobacco).	24	1,948	1,472	476	11	10	1	34	34	---	223	110	113	1,680	1,318	362
10 Planing-mill products (including general millwork), not made in planing mills connected with sawmills.	4,849	109,864	105,905	3,959	2,763	2,724	39	3,833	3,639	144	13,134	10,376	2,758	90,134	89,116	1,018
11 Plated ware.	96	12,633	9,642	3,041	30	29	1	155	149	6	1,770	1,005	765	10,728	8,459	2,269
12 Plumbers' supplies, not including pipe or vitreous-china sanitary ware.	255	31,353	29,049	2,304	50	48	2	410	396	14	2,933	2,110	823	27,960	26,495	1,465
13 Pocketbooks, purses, and card cases.	290	12,052	9,821	2,231	181	176	5	342	325	17	1,099	584	515	10,430	8,736	1,694
14 Pottery, including porcelain ware.	313	38,588	28,812	9,776	95	90	5	405	387	18	2,079	1,708	881	35,409	26,537	8,872
15 Poultry killing, dressing, and packing, wholesale.	485	9,361	6,004	3,357	207	201	6	212	206	7	1,173	852	321	7,769	4,746	3,023
16 Printing and publishing, book and job.	12,712	204,901	153,132	46,719	7,859	7,594	265	9,136	8,493	643	37,257	20,314	16,943	150,649	121,781	28,868
17 Printing and publishing, music.	124	2,211	1,532	679	31	27	4	148	137	11	1,222	696	526	810	672	138
18 Printing and publishing, newspaper and periodical.	11,624	277,072	217,631	60,041	5,274	4,921	353	7,098	6,453	645	135,640	88,716	46,924	120,660	117,541	12,119
19 Printing materials, not including type or ink.	84	1,317	1,216	101	18	16	2	59	54	5	236	150	80	1,004	990	14
20 Pulp goods.	45	3,882	3,293	589	7	6	1	40	35	5	277	183	94	3,558	3,069	439
21 Pulp (wood and other fiber).	198	26,625	26,372	253	11	8	3	81	81	---	1,804	1,613	191	24,729	24,070	659
22 Pumps (hand and power) and pumping equipment.	322	30,128	27,788	2,340	101	99	2	496	470	20	6,425	4,596	1,829	23,106	22,617	489
23 Rayon and allied products.	29	41,384	25,204	16,180	---	---	---	51	48	3	2,227	1,585	642	30,106	23,571	15,535
24 Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.	188	11,535	10,880	655	78	74	4	247	235	12	1,426	989	437	9,784	9,582	202
25 Refrigerators, mechanical.	34	19,380	17,198	2,182	4	4	---	57	57	---	2,436	1,764	672	16,883	15,373	1,510
26 Regalia, badges, and emblems.	77	2,161	974	1,187	43	39	4	67	64	3	294	151	143	1,757	720	1,037
27 Rides cleaning and polishing.	60	2,141	2,079	62	25	23	2	71	69	2	456	406	50	1,589	1,581	8
28 Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.	102	7,426	6,947	479	16	16	---	100	93	7	1,234	925	359	6,027	5,914	113
29 Rubber goods other than tires, inner tubes, and boots and shoes.	412	46,565	34,438	12,127	105	105	---	617	587	30	5,617	3,688	1,929	40,226	30,058	10,168
30 Rubber tires and inner tubes.	91	96,249	78,812	17,437	5	5	---	286	282	4	12,695	8,771	3,924	83,263	69,754	13,509
31 Saddlery and harness.	260	4,243	3,027	616	216	211	5	148	143	5	540	375	165	3,339	2,898	441
32 Safes and vaults.	27	3,780	3,559	200	7	7	---	49	48	1	700	503	197	3,033	3,031	2
33 Salt.	58	6,216	5,500	716	2	2	---	73	70	3	653	502	181	5,458	4,926	532
34 Sand-lime brick.	40	707	686	21	4	4	---	47	45	2	90	71	19	566	566	---
35 Sandpaper, emery paper, and other abrasive paper and cloth.	11	1,817	1,534	283	1	1	---	21	21	---	567	374	193	1,228	1,138	90
36 Sausage, meat puddings, head-cheese, etc., and sausage casings, not made in meat-packing establishments.	681	7,794	6,726	1,068	678	656	22	342	329	13	877	599	278	5,897	5,142	755
37 Saws.	81	5,117	4,571	546	40	40	---	89	83	6	851	553	298	4,137	3,895	242
38 Scales and balances.	59	5,214	4,705	509	31	29	2	88	85	3	977	606	371	4,118	3,985	133
39 Screw-machine products and wood screws.	273	22,454	18,961	3,493	106	105	1	379	362	17	2,088	1,349	739	19,881	17,145	2,736
40 Sewing machines and attachments.	39	12,189	10,488	1,701	19	19	---	50	49	1	1,653	1,185	468	10,467	9,235	1,232
41 Ship and boat building, steel and wooden, including repair work.	624	61,360	60,444	926	345	338	7	559	543	16	5,376	4,521	855	55,089	55,042	47
42 Shirts.	863	63,854	11,527	52,327	530	508	22	490	457	33	3,004	1,472	1,532	59,830	9,090	50,740
43 Shortenings (not including lard) and vegetable cooking oils.	40	3,487	3,086	401	---	---	---	29	28	1	746	600	146	2,712	2,458	254
44 Signs and advertising novelties.	1,239	25,718	19,128	6,588	597	582	15	915	878	37	4,204	2,537	1,667	20,000	15,131	4,869
45 Silk and rayon manufactures.	1,491	139,030	92,093	70,946	721	704	17	1,244	1,177	67	6,607	4,393	2,214	180,467	55,819	74,648
46 Silversmithing and silverware.	83	6,091	5,142	949	47	44	3	99	93	6	938	507	371	5,007	4,438	569
47 Smelting and refining, copper.	26	10,537	16,320	217	---	---	---	14	14	---	1,979	1,774	205	14,544	14,532	12
48 Smelting and refining, lead.	19	5,690	5,620	70	---	---	---	5	5	---	896	799	67	4,819	4,816	3
49 Smelting and refining, metals other than gold, silver, or platinum, not from the ore.	106	4,991	4,763	228	36	36	---	156	150	5	666	509	167	4,134	4,068	66
50 Smelting and refining, zinc.	30	12,701	12,588	113	---	---	---	33	32	1	1,050	940	110	11,618	11,616	2
51 Soap.	282	19,137	14,593	4,544	86	82	4	397	325	31	4,331	2,720	1,611	14,363	11,465	2,898
52 Soda-water apparatus.	54	3,624	3,362	262	21	21	---	62	79	3	737	529	228	2,764	2,733	31
53 Sporting and athletic goods, not including firearms or ammunition.	242	12,739	8,437	4,262	111	102	9	258	241	17	1,677	849	728	10,793	7,295	3,498

¹ Computed by the use of ratios between the numbers of male and of female wage earners reported Dec. 14. See GENERAL EXPLANATIONS—Persons Engaged.

GENERAL STATISTICS IN DETAIL

DETAIL, BY INDUSTRIES: 1929—Continued

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
16, 193	7, 954	8, 239	\$357, 045	\$780, 631	\$3, 079, 740	\$39, 520, 486	\$39, 317, 074	\$212, 412	\$49, 608, 894	\$10, 079, 408	1
9, 921	3, 500	6, 421	596, 188	2, 443, 172	6, 202, 276	10, 756, 296	10, 388, 750	367, 546	27, 772, 955	17, 016, 659	2
4, 235	947	3, 288	565, 673	1, 239, 243	5, 304, 142	11, 459, 411	11, 307, 629	151, 782	34, 211, 384	22, 751, 973	3
12, 150	1, 574	10, 576	6, 619, 916	9, 487, 382	13, 762, 961	58, 208, 870	57, 717, 692	581, 277	193, 440, 550	135, 141, 671	4
789, 849	489, 866	302, 983	2, 374, 999	31, 202, 875	131, 176, 993	2, 031, 341, 408	2, 000, 963, 517	30, 377, 891	2, 639, 065, 001	608, 323, 593	5
38, 483	27, 445	11, 038	1, 087, 792	2, 759, 266	17, 825, 855	37, 323, 137	36, 584, 696	738, 441	96, 849, 048	50, 525, 911	6
9, 340		9, 340	6, 948, 941	7, 627, 904	31, 831, 176	11, 008, 121	10, 113, 898	889, 223	77, 382, 259	66, 379, 198	7
31, 904	20, 115	11, 789	930, 302	6, 932, 874	20, 507, 490	30, 392, 531	29, 079, 325	1, 313, 200	102, 827, 388	72, 434, 855	8
2, 276	439	1, 840	231, 489	387, 289	1, 961, 020	1, 749, 222	1, 679, 838	69, 384	5, 557, 982	3, 808, 769	9
677, 998	262, 504	415, 494	18, 254, 745	27, 775, 750	116, 422, 664	296, 008, 499	289, 126, 597	6, 881, 902	553, 583, 498	257, 574, 999	10
23, 899	0, 101	19, 798	1, 101, 739	4, 032, 300	14, 941, 552	16, 750, 985	15, 957, 349	793, 636	55, 429, 959	38, 678, 974	11
100, 821	24, 298	76, 523	2, 823, 234	6, 477, 446	37, 066, 997	49, 032, 599	44, 711, 246	4, 321, 353	120, 673, 784	80, 641, 185	12
1, 823	169	1, 654	2, 343, 080	2, 308, 480	15, 229, 422	35, 351, 605	35, 189, 922	170, 683	68, 627, 515	33, 275, 910	13
61, 868	18, 328	43, 540	2, 681, 983	6, 245, 398	43, 655, 980	27, 007, 364	19, 669, 030	7, 338, 334	110, 622, 453	83, 615, 089	14
13, 600	2, 464	11, 036	777, 946	1, 806, 633	7, 284, 558	106, 865, 506	108, 175, 011	690, 495	130, 161, 230	23, 295, 724	15
211, 448	9, 343	202, 105	50, 036, 729	75, 097, 784	251, 576, 692	266, 749, 365	257, 622, 978	9, 128, 392	1, 006, 656, 768	739, 907, 403	16
950		950	1, 180, 819	2, 658, 547	1, 314, 401	1, 542, 042	1, 503, 359	38, 680	15, 240, 298	13, 698, 226	17
332, 184	22, 467	309, 727	49, 041, 345	289, 160, 417	253, 399, 076	391, 737, 705	379, 608, 855	12, 123, 850	1, 738, 298, 892	1, 340, 561, 187	18
2, 709	172	2, 537	353, 827	619, 902	1, 649, 270	2, 184, 544	2, 062, 952	121, 592	8, 579, 006	6, 394, 462	19
14, 190	5, 853	8, 337	291, 003	818, 202	4, 591, 088	12, 067, 760	11, 432, 559	635, 201	27, 219, 892	15, 152, 132	20
(2)	(2)	(2)	810, 840	5, 033, 461	32, 679, 407	148, 752, 729	134, 422, 319	14, 330, 410	238, 628, 279	99, 175, 550	21
82, 403	20, 261	62, 142	3, 506, 345	13, 169, 405	34, 920, 261	66, 802, 372	64, 633, 270	2, 169, 102	164, 009, 397	97, 207, 022	22
195, 844	132, 965	62, 879	654, 995	5, 113, 660	44, 697, 129	33, 334, 753	29, 015, 713	4, 819, 040	149, 546, 107	116, 211, 854	23
28, 493	13, 893	14, 600	1, 596, 574	3, 065, 604	13, 181, 666	26, 451, 148	25, 621, 334	829, 814	60, 483, 314	34, 032, 166	24
44, 953	500	44, 453	590, 609	6, 433, 437	26, 196, 076	72, 413, 047	70, 930, 577	1, 482, 470	161, 565, 676	89, 152, 629	25
1, 105	359	746	342, 330	560, 183	1, 824, 590	3, 227, 236	3, 164, 457	62, 779	7, 927, 214	4, 699, 078	26
22, 901	14, 870	8, 031	338, 982	870, 412	1, 448, 594	38, 443, 529	38, 221, 284	222, 245	48, 793, 777	10, 350, 248	27
33, 791	6, 032	27, 759	705, 878	2, 795, 670	8, 951, 537	61, 391, 590	59, 372, 354	2, 019, 286	163, 506, 090	42, 114, 500	28
295, 452	60, 221	245, 231	4, 406, 413	12, 103, 422	50, 278, 617	114, 674, 244	106, 814, 675	7, 859, 569	244, 745, 737	130, 071, 493	29
463, 257	184, 288	278, 969	3, 357, 470	27, 740, 126	127, 081, 975	429, 606, 971	419, 283, 058	10, 323, 913	770, 176, 890	340, 569, 919	30
4, 698	817	3, 881	597, 539	936, 368	3, 713, 728	13, 554, 124	13, 695, 699	138, 465	23, 338, 555	9, 504, 431	31
10, 806	2, 065	8, 741	398, 717	1, 604, 324	4, 438, 698	6, 392, 461	6, 175, 047	217, 414	19, 362, 192	12, 969, 731	32
57, 711	39, 881	17, 830	1, 444, 374	6, 735, 434	14, 187, 797	14, 187, 797	11, 063, 836	3, 133, 961	37, 868, 697	23, 680, 900	33
7, 346	1, 717	5, 629	177, 620	192, 561	776, 202	944, 634	707, 649	236, 885	2, 970, 923	2, 026, 389	34
6, 927	1, 522	5, 405	324, 669	1, 288, 349	1, 739, 544	8, 375, 277	8, 152, 593	222, 684	17, 218, 590	8, 843, 313	35
25, 755	1, 490	24, 265	1, 747, 463	1, 889, 699	8, 850, 172	81, 371, 687	80, 231, 376	1, 146, 311	108, 249, 194	26, 874, 507	36
11, 894	2, 798	9, 096	559, 302	1, 718, 011	5, 727, 416	6, 884, 331	6, 288, 743	595, 538	22, 614, 958	15, 730, 627	37
9, 738	990	8, 748	703, 458	2, 145, 878	5, 995, 475	7, 433, 190	7, 090, 605	347, 285	30, 381, 424	22, 943, 234	38
64, 840	8, 738	56, 102	2, 868, 755	5, 206, 594	28, 956, 604	39, 462, 668	37, 437, 759	2, 024, 899	105, 974, 692	66, 512, 094	39
29, 659	10, 067	13, 592	335, 738	3, 275, 121	14, 976, 182	16, 458, 425	15, 855, 848	602, 577	45, 094, 600	28, 036, 175	40
337, 455	54, 427	283, 028	3, 463, 413	12, 264, 033	88, 274, 153	85, 848, 099	81, 744, 283	4, 104, 407	231, 300, 165	145, 461, 475	41
17, 040	5, 144	11, 896	2, 993, 311	5, 156, 533	43, 428, 224	116, 078, 496	115, 602, 275	1, 076, 221	228, 321, 616	111, 648, 120	42
36, 647	10, 747	25, 900	190, 249	1, 529, 747	3, 603, 946	139, 039, 964	137, 610, 194	1, 420, 770	154, 553, 197	15, 522, 233	43
19, 627	5, 254	14, 373	4, 805, 410	8, 321, 225	27, 900, 608	35, 701, 412	34, 489, 083	1, 212, 329	118, 044, 157	82, 342, 745	44
220, 225	67, 093	153, 132	7, 865, 040	15, 238, 897	137, 547, 146	412, 181, 260	403, 684, 701	8, 496, 559	731, 200, 231	319, 018, 971	45
7, 325	3, 292	4, 033	777, 152	1, 739, 159	7, 636, 413	10, 134, 708	9, 875, 654	259, 054	30, 452, 366	20, 317, 658	46
412, 244	245, 165	167, 079	102, 520	5, 465, 223	23, 951, 959	920, 351, 441	905, 614, 326	14, 737, 115	994, 783, 862	74, 432, 421	47
59, 936	13, 462	46, 474	37, 000	2, 169, 453	7, 577, 094	203, 913, 730	199, 230, 316	4, 683, 414	232, 115, 009	28, 291, 279	48
18, 174	695	17, 599	1, 353, 142	1, 870, 621	5, 574, 322	88, 444, 918	81, 692, 519	1, 752, 399	106, 882, 655	22, 437, 737	49
123, 901	58, 879	65, 022	273, 395	2, 770, 110	17, 710, 279	74, 760, 038	64, 159, 172	10, 600, 916	118, 901, 070	44, 140, 982	50
65, 856	28, 780	37, 076	2, 784, 015	8, 719, 647	18, 994, 656	189, 352, 984	176, 823, 766	3, 529, 218	310, 191, 530	129, 838, 546	51
5, 271	775	4, 496	592, 905	1, 593, 917	3, 921, 538	10, 439, 671	10, 305, 394	184, 477	24, 599, 783	14, 019, 912	52
18, 039	2, 808	15, 231	1, 060, 046	2, 379, 664	13, 135, 484	24, 482, 286	23, 899, 623	672, 618	58, 288, 728	33, 806, 492	53

* The horsepower items for "Pulp (wood and other fiber)" are included with those for "Paper."

TABLE 1.—GENERAL STATISTICS IN

		PERSONS ENGAGED IN MANUFACTURING INDUSTRIES														
INDUSTRY	Number of establishments	All classes			Proprietors and firm members			Salaried officers and employees						Wage earners (average for the year)		
		Total	Male	Female	Total	Male	Female	Principal officers of corporations			Other salaried officers and employees			Total	Male	Female
								Total	Male	Female	Total	Male	Female			
1 Springs, steel, except wire, not made in plants operated in connection with rolling mills.	86	6,675	6,248	427	12	11	1	138	129	9	683	513	170	5,842	5,595	247
2 Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.	582	46,052	34,280	11,772	164	159	5	884	847	37	5,004	3,206	1,798	40,000	30,068	9,932
3 Stationary goods, not elsewhere classified.	203	13,428	7,154	6,274	63	59	4	283	256	27	2,004	906	1,098	11,078	5,873	5,205
4 Statuary and art goods, factory product.	171	2,681	2,460	221	170	173	3	135	132	3	258	180	78	2,112	1,975	137
5 Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	171	8,713	7,268	1,445	55	55	---	186	179	7	1,206	778	428	7,266	6,266	1,010
6 Steam fittings and steam and hot-water heating apparatus.	240	45,945	42,021	3,924	25	25	---	376	360	16	5,923	4,589	1,334	39,621	37,947	1,674
7 Steel barrels, kegs, and drums.	53	4,674	4,488	186	8	8	---	88	87	1	468	347	121	4,110	4,040	64
8 Stereotyping and electrotyping, not done in printing establishments.	230	7,941	7,258	683	68	64	4	333	319	14	1,053	721	332	6,487	6,154	333
9 Stoves and ranges (other than electric) and warm-air furnaces.	609	54,813	50,922	3,891	166	159	7	1,055	1,023	32	6,076	4,679	2,297	46,616	45,061	1,555
10 Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.	1,482	69,337	66,835	2,502	732	726	6	1,972	1,904	68	11,086	9,475	2,211	54,947	54,730	217
11 Sugar, beet.	82	8,943	8,482	461	---	---	---	21	19	2	1,426	1,098	328	7,496	7,365	131
12 Sugar, cane, not including products of refineries.	70	2,745	2,692	53	22	22	---	36	34	2	368	346	22	2,319	2,290	29
13 Sugar refining, cane.	21	15,559	14,332	1,227	4	4	---	39	37	2	1,704	1,358	346	13,912	12,933	979
14 Surgical and orthopedic appliances, including artificial limbs.	363	10,372	5,543	4,829	214	203	11	271	240	31	1,977	884	1,093	7,910	4,218	3,694
15 Suspenders, garters, and other elastic woven goods, made from purchased webbing.	91	4,955	1,155	3,800	75	65	10	65	61	4	474	231	243	4,341	798	3,543
16 Tanning materials, natural dyestuffs, mordants and assistants, and sizes.	126	3,162	2,981	181	34	33	1	146	140	6	593	403	190	2,419	2,405	14
17 Textile machinery and parts.	376	31,494	20,502	1,092	231	207	24	430	407	23	3,814	2,078	836	27,019	25,010	1,109
18 Theatrical scenery and stage equipment.	55	757	644	113	30	27	3	55	49	6	125	81	44	547	487	60
19 Tin and other foils, not including gold foil.	7	1,998	1,720	278	---	---	---	28	28	---	260	152	108	1,710	1,540	170
20 Tin cans and other tinware, not elsewhere classified.	232	35,312	25,104	10,208	58	57	1	197	194	3	3,560	2,720	840	31,497	22,183	9,364
21 Tobacco: Chewing and smoking, and snuff.	152	11,981	6,090	5,891	117	111	6	113	108	5	940	702	238	10,811	5,169	5,642
22 Tools, not including edge tools, machine tools, files, or saws.	534	23,102	20,443	2,659	279	271	8	516	496	20	3,002	1,883	1,119	19,305	17,803	1,502
23 Toys (not including children's wheel goods or sleds), games, and playground equipment.	476	19,433	12,104	7,329	233	257	26	508	524	44	1,922	998	924	16,060	10,323	5,737
24 Trimmings (not made in textile mills) and stamped art goods for embroidering.	639	10,826	4,440	6,386	466	439	27	338	357	26	1,043	453	590	7,934	3,101	4,743
25 Trunks, suitcases, and bags.	467	13,333	10,593	2,740	314	311	3	456	437	19	1,254	753	501	11,350	9,032	2,327
26 Turpentine and rosin.	1,183	43,224	42,946	278	1,484	1,472	12	69	66	3	1,514	1,504	10	40,157	39,904	253
27 Type founding.	19	540	363	177	12	12	---	7	7	---	54	23	26	407	321	146
28 Typewriters and parts.	29	18,410	13,123	5,287	1	1	---	19	16	3	1,445	943	502	16,945	12,163	4,782
29 Umbrellas, parasols, and canes.	141	3,401	1,798	1,603	127	122	5	61	56	5	388	191	197	2,855	1,399	1,456
30 Upholstering materials, not elsewhere classified.	53	1,024	1,070	554	31	31	---	43	42	1	140	72	68	1,410	925	485
31 Vinegar and cider.	172	1,367	1,217	150	105	90	0	85	80	5	108	137	61	979	601	378
32 Wall paper.	56	5,421	4,418	1,003	1	1	---	183	133	50	577	365	212	4,705	3,920	785
33 Wall plaster, wall board, insulating board, and floor composition.	236	8,994	8,659	335	43	42	1	170	174	5	1,310	1,044	266	7,462	7,399	63
34 Washing machines, wringers, driers, and ironing machines, for household use.	65	9,911	8,978	933	9	9	---	134	131	3	1,579	937	642	8,189	7,001	288
35 Waste.	136	4,531	2,971	1,610	79	78	1	182	170	12	415	266	149	3,905	2,457	1,448
36 Watch and clock materials and parts, except watchcases.	17	391	109	252	11	10	1	5	4	1	34	14	20	311	81	230
37 Watchcases.	40	3,944	2,913	1,031	23	23	---	59	54	5	458	302	156	3,404	2,534	870
38 Watches and watch movements.	8	11,635	6,063	5,572	---	---	---	16	16	---	881	472	409	10,738	5,575	5,163
39 Whips.	8	70	51	19	6	6	---	2	2	---	5	2	3	57	41	16
40 Windmills and windmill towers.	15	1,845	1,798	47	3	3	---	35	35	---	253	206	47	1,554	1,554	---
41 Window and door screens and weather strip.	230	5,055	4,474	581	192	185	7	220	209	11	609	374	235	4,084	3,700	328
42 Window shades and fixtures.	482	5,981	4,133	1,848	295	274	21	185	176	9	793	396	397	4,703	3,287	1,421
43 Wire, drawn from purchased bars or rods.	81	25,024	22,164	2,860	3	3	---	148	144	4	2,406	1,867	539	22,467	20,150	2,317
44 Wirework, not elsewhere classified.	547	25,903	19,845	6,058	294	281	13	561	523	38	2,660	1,764	896	22,388	17,272	5,116
45 Wood distillation and charcoal manufacture.	91	5,223	5,109	114	9	9	---	91	81	10	475	436	39	4,648	4,583	65
46 Wood preserving.	199	14,497	14,266	231	7	7	---	123	125	3	1,285	1,102	183	13,077	13,062	15

¹ Computed by the use of ratios between the numbers of male and of female wage earners reported for Dec. 14. See GENERAL EXPLANATIONS—Persons Engaged.

GENERAL STATISTICS IN DETAIL

DETAIL, BY INDUSTRIES: 1929—Continued

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
24,318	3,251	21,067	\$1,009,902	\$1,644,692	\$9,313,927	\$25,372,478	\$23,901,943	\$1,470,535	\$46,672,319	\$21,299,841	1
98,184	14,740	83,444	6,644,789	10,981,131	50,091,700	87,639,495	83,073,493	4,566,002	204,306,134	116,666,639	2
11,523	2,036	8,887	2,235,090	3,994,428	12,429,726	32,177,887	31,660,744	517,143	74,062,047	41,884,160	3
1,539	189	1,350	637,934	558,279	4,235,907	2,044,955	1,955,659	89,290	10,045,159	8,000,204	4
30,881	14,349	16,532	1,551,016	2,581,531	9,660,414	21,596,489	20,134,583	1,461,906	45,433,135	23,836,646	5
137,330	23,498	113,841	2,906,026	13,531,308	58,974,874	72,708,268	67,247,385	5,460,883	228,310,254	155,601,986	6
15,289	1,800	13,489	770,079	1,117,153	5,769,097	21,946,559	21,506,424	440,135	37,825,027	15,878,468	7
21,347	402	20,945	2,489,781	2,303,051	13,770,676	6,546,881	5,678,371	868,510	35,017,207	29,070,416	8
113,100	21,159	91,941	7,373,667	14,572,456	65,146,509	100,747,049	95,728,181	5,018,868	271,747,009	170,999,960	9
266,176	36,358	229,817	12,124,400	26,957,119	87,785,008	244,696,254	239,934,645	4,761,609	477,036,827	232,340,573	10
146,393	136,013	9,480	106,517	2,601,500	10,020,743	70,960,008	66,387,033	4,573,825	108,552,581	37,591,673	11
66,779	66,513	266	110,947	348,569	1,642,463	12,222,558	11,437,579	784,979	18,325,792	6,103,234	12
98,037	84,665	14,072	599,549	3,959,970	17,850,493	438,399,151	431,620,225	6,778,926	507,389,262	63,990,111	13
13,407	3,450	9,957	1,639,289	4,082,778	8,921,668	36,004,844	35,480,096	524,748	71,607,119	35,602,276	14
1,180	21	1,159	486,112	953,184	3,971,030	17,905,748	17,820,000	85,748	30,473,169	12,567,421	15
22,575	15,107	7,468	1,117,461	1,688,318	3,113,617	25,335,629	24,543,459	792,170	39,836,035	14,500,468	16
66,539	10,491	47,048	3,701,149	8,959,596	37,836,406	36,556,299	34,825,999	1,730,307	122,438,514	85,832,215	17
618		618	357,716	369,904	992,133	2,098,499	2,069,709	28,789	5,507,827	3,409,328	18
18,042		18,642	337,685	819,929	1,850,371	13,548,399	13,271,058	277,341	20,954,849	7,406,450	19
77,332	14,620	62,712	1,474,605	6,813,410	38,173,246	194,936,803	192,511,654	2,425,149	266,901,426	161,914,623	20
15,467	10,255	5,212	802,356	2,479,332	8,955,451	72,494,329	71,995,931	498,398	179,332,951	103,838,022	21
65,965	14,541	51,424	3,221,645	6,522,714	25,808,289	32,110,507	29,578,831	2,531,676	99,462,032	67,351,525	22
25,642	8,352	17,290	3,104,519	3,671,264	17,690,673	20,931,527	20,140,140	841,387	74,823,931	44,847,454	23
3,068	218	2,850	1,923,682	1,857,570	9,761,881	20,783,226	20,425,476	357,750	45,179,933	24,396,707	24
10,220	3,285	6,935	2,102,525	2,823,113	13,756,761	31,693,935	31,309,997	383,938	63,968,920	32,274,994	25
1,995	1,973	22	143,170	1,793,034	15,036,175	10,293,954	10,012,461	281,493	36,281,632	25,987,678	26
1,218	986	232	29,515	131,047	556,051	648,114	598,969	49,145	2,603,619	1,955,505	27
23,383	5,788	17,595	235,397	3,101,166	22,319,327	7,248,601	6,717,461	531,140	61,857,615	54,609,014	28
3,069	1,696	1,373	517,809	673,892	2,768,410	10,907,373	10,772,436	134,937	17,994,376	7,087,003	29
3,913	1,890	2,023	306,000	306,789	1,317,371	7,046,334	6,909,814	136,520	11,234,192	4,187,858	30
8,674	2,346	6,328	285,140	344,802	1,021,581	6,016,029	5,810,749	205,280	10,450,332	4,434,303	31
12,740	6,660	6,080	1,054,973	1,495,912	5,731,932	13,480,205	12,990,800	489,406	30,007,649	16,527,444	32
142,354	21,206	121,148	937,415	2,702,846	10,180,391	28,312,623	23,787,272	4,525,356	70,662,740	42,350,118	33
26,732	2,435	24,297	1,208,956	3,513,873	12,071,916	40,707,373	40,011,095	696,278	82,329,924	41,622,551	34
18,592	4,392	14,200	1,173,698	911,034	3,316,344	25,633,015	25,163,125	464,890	36,013,705	10,380,690	35
197		197	25,631	60,645	287,079	256,984	244,217	12,767	930,837	673,853	36
5,581	3,410	2,171	446,557	870,248	4,626,111	4,631,225	4,430,823	200,397	13,491,045	8,859,820	37
10,146	8,500	1,646	224,014	1,527,533	12,981,115	10,455,921	10,238,523	217,396	34,370,399	23,914,478	38
82		82	2,000	5,520	47,714	80,303	77,471	2,832	224,219	143,918	39
4,491	2,896	1,595	286,645	547,704	2,144,532	3,571,539	3,459,104	112,435	8,640,265	5,068,726	40
14,034	4,528	9,506	1,177,808	1,238,510	4,957,661	10,512,746	10,288,590	224,156	24,451,700	13,938,954	41
8,389	4,062	4,327	921,232	1,483,512	5,623,588	19,785,350	19,496,782	288,568	36,964,694	17,179,344	42
150,620	31,670	118,950	1,527,886	5,451,192	35,110,355	126,182,429	120,696,188	5,486,241	213,997,410	87,814,951	43
48,864	5,559	43,305	3,731,258	5,867,425	27,912,231	68,144,047	66,278,423	1,865,624	146,805,049	78,661,002	44
25,609	15,500	9,949	373,619	1,106,307	5,293,240	14,791,111	12,988,550	1,802,561	29,593,672	14,802,561	45
57,913	36,438	21,475	965,157	2,666,407	14,939,973	147,702,724	145,470,451	2,226,273	190,944,645	43,241,921	46

CENSUS OF MANUFACTURES: 1929

TABLE 1.—GENERAL STATISTICS IN

		PERSONS ENGAGED IN MANUFACTURING INDUSTRIES															
INDUSTRY	Number of establishments	All classes			Proprietors and firm members			Salaried officers and employees						Wage earners (average for the year)			
		Total	Male	Female	Total	Male	Female	Principal salaried officers of corporations			Other salaried officers and employees			Total	Male ¹	Female ¹	
								Total	Male	Female	Total	Male	Female				
1	Wood turned and shaped and other wooden goods, not elsewhere classified.	894	21,499	18,813	2,686	537	567	20	638	601	37	1,562	1,077	485	18,712	16,568	2,144
2	Woolen goods.....	460	62,645	42,834	19,811	115	109	6	666	635	31	3,300	2,708	637	58,474	39,387	19,087
3	Wool pulling.....	18	675	665	10	7	7	23	22	1	49	40	9	596	596	-----	
4	Wool scouring.....	21	1,496	1,375	121	2	2	31	29	2	161	122	39	1,302	1,222	80	
5	Wool shoddy.....	50	2,057	1,785	272	17	16	1	75	68	7	263	166	37	1,762	1,535	227
6	Worsted goods.....	264	93,763	50,117	43,646	53	52	1	399	392	7	4,826	3,664	1,162	88,455	46,009	42,476
7	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.	50	12,830	12,576	253	3	3	73	72	1	1,346	1,123	223	11,417	11,378	39	

¹ Computed by the use of ratios between numbers of male and of female wage earners reported for Dec. 14. See GENERAL EXPLANATIONS—Persons Engaged.

GENERAL STATISTICS IN DETAIL

DETAIL, BY INDUSTRIES: 1929—Continued

HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			SALARIES AND WAGES			COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture	
Total	Prime movers	Electric motors driven by purchased energy	Principal salaried officers of corporations	Other salaried officers and employees	Wage earners	Total	Materials and containers	Fuel and purchased energy			
88,398	53,142	35,256	\$2,700,127	\$2,866,537	\$18,616,688	\$28,428,563	\$27,540,836	\$888,227	\$69,619,990	\$41,191,427	1
195,247	119,734	75,513	5,006,784	8,808,670	66,013,599	165,882,063	159,773,706	6,108,357	290,638,949	125,056,886	2
1,847	380	1,467	146,120	105,745	907,278	10,916,994	10,831,040	85,954	13,648,064	2,731,070	3
8,241	4,685	3,559	248,016	370,381	1,770,974	3,021,731	2,726,543	295,188	6,241,264	3,219,533	4
15,940	6,073	4,867	523,092	494,062	2,109,374	10,126,717	9,707,517	419,200	15,344,978	5,218,261	5
372,536	275,772	96,764	4,264,545	12,057,752	98,137,732	336,649,459	328,673,235	8,076,224	536,067,399	199,417,940	6
68,630	14,710	53,920	811,787	3,683,216	18,762,303	70,120,941	67,539,463	2,581,478	124,658,966	54,588,025	7

TABLE 2.—GENERAL STATISTICS IN DETAIL, BY GEOGRAPHIC DIVISIONS AND STATES: 1929—Continued

Table with columns: DIVISION AND STATE, HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT (Total, Prime movers, Electric motors), SALARIES AND WAGES (Principal salaried officers, Other salaried officers, Wage earners), COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY (Total, Materials, Fuel), Value of products, Value added by manufacture. Rows include United States, Geographic Divisions (New England, Middle Atlantic, etc.), and States (Maine, New Hampshire, etc.).