

CHAPTER IV.—SIZE OF ESTABLISHMENTS

INTRODUCTION

The distribution of factory wage earners according to the size of the establishments in which they were employed in 1929 differed somewhat, but not radically, from the corresponding distribution for 1919. Comparative figures for the two census years are:

PER CENT DISTRIBUTION OF WAGE EARNERS AMONG ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS: 1929 AND 1919

SIZE CLASS	PER CENT OF TOTAL WAGE EARNERS	
	1929	1919 ¹
	Total.....	100.0
1 to 5.....	3.2	2.7
6 to 20.....	6.7	6.8
21 to 50.....	9.2	9.1
51 to 100.....	10.1	9.8
101 to 250.....	17.0	17.6
251 to 500.....	15.1	13.0
501 to 1,000.....	13.3	13.4
1,001 to 2,500.....	13.0	26.7
2,501 or more.....	11.5	

¹ To make the figures for 1919 comparable with those for 1929 the number of wage earners employed in plants with products valued at less than \$5,000 (41,252) was deducted from the total and from the number in the "1 to 5" size class, as originally published for 1919.

It will be noted that the plants which employed from 21 to 500 wage earners utilized slightly larger proportions of the total industrial wage force in 1929 than in 1919, whereas the trend shown by the largest plants was in the opposite direction. The decrease from 26.7 to 24.5 per cent for wage earners in plants employing more than 1,000 is worthy of mention.

A percentage distribution of the number of establishments similar to the one above for wage earners and likewise adjusted by the deduction of data for plants with products valued at less than \$5,000 shows no marked differences between the corresponding figures for the two census years. The proportion of establishments with 20 or fewer wage earners, including those which reported no wage earners, was approximately 74 per cent in 1929 and slightly under 75 per cent in 1919. The importance of the large plants with more than 250 wage earners each is brought out by the fact that, although accounting for only 3 per cent of the total number of establishments, they employed 53 per cent of the total number of wage earners in 1929 and 54 per cent 10 years earlier.

Another measure of size is afforded by the gross value of products manufactured, which is used as the basis of distribution in the following table:

PER CENT DISTRIBUTION OF WAGE EARNERS AND VALUE OF PRODUCTS AMONG ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS: 1929 AND 1919

SIZE CLASS	WAGE EARNERS—PER CENT OF TOTAL		VALUE OF PRODUCTS—PER CENT OF TOTAL	
	1929	1919	1929	1919
Total.....	100.0	100.0	100.0	100.0
\$5,000 to \$19,999.....	2.3	2.5	1.1	1.4
\$20,000 to \$99,999.....	7.8	8.6	5.1	5.6
\$100,000 to \$499,999.....	18.9	19.0	14.2	14.4
\$500,000 to \$999,999.....	12.7	12.4	10.4	10.4
\$1,000,000 and over.....	58.2	57.5	69.2	68.2

These figures show rather striking differences between the percentages for wage earners and for value of products in the respective classes. The percentages of the total wage earners in plants below the million-dollar class were considerably in excess of those for value of products both in 1929 and in 1919, whereas in the plants in which the value of products amounted to a million dollars or more (less than 6 per cent of the total number of plants) the reverse relationship existed.

It seems reasonable to conclude that the heightened industrial activity of the decade 1919 to 1929 was not accompanied by any material alteration in the size of manufacturing establishments in general. The changes which occurred for the most part took other directions. Integration, for example, was accomplished not so much by the concentration of more wage earners in individual plants as by binding together single establishments by a common superstructure of ownership and control. This tendency is noted in the following chapter, Type of Organization.

Closely related also to the size of establishments is the physical volume of their output. With a slight general decrease of wage-earner personnel, plants were in effect increased in size by the installation of better production and conveyor equipment, which permitted a more economical utilization of time and space.

CENSUS OF MANUFACTURES: 1929

TABLE 1.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS: 1929 AND 1919

SIZE CLASS	1929		1919 ¹		SIZE CLASS	1929		1919 ¹	
	Number of establishments	Wage earners (average for year)	Number of establishments	Wage earners (average for year)		Number of establishments	Wage earners (average for year)	Number of establishments	Wage earners (average for year)
Total.....	210,959	8,838,743	274,598	9,041,311	51 to 100.....	12,467	891,671	12,370	885,098
No wage earners.....	7,426		36,575		101 to 250.....	10,195	1,589,040	10,054	1,579,681
1 to 5.....	95,767	279,734	129,740	285,857	251 to 500.....	3,840	1,331,145	3,596	1,249,970
6 to 20.....	53,524	595,708	54,317	613,220	501 to 1,000.....	1,722	1,176,991	1,749	1,205,627
21 to 50.....	25,022	814,465	25,176	823,302	1,001 to 2,500.....	790	1,144,735	1,021	2,397,596
					2,501 or more.....	206	1,015,254		

¹ The figures for 1919 as given in this table do not include data for establishments classified in the "Automobile repairing" industry, and therefore differ from those originally published. The figures for 1919 are not, however, strictly comparable with those for 1929 because they include data for all establishments, in all industries, which reported products valued at \$500 or more, whereas the corresponding limit for 1929 was \$5,000. This change in the minimum value-of-products limit had no material effect on the comparableness of the figures for the 2 years, except those for the total number of establishments, the number reporting no wage earners, and the number reporting 1 to 5 wage earners.

TABLE 3.—WAGE EARNERS IN ESTABLISHMENTS CLASS BY INDUSTRY

GROUP	TOTAL		ESTABLISHMENTS EMPLOYING—				
			No wage earners	1 to 5 wage earners		6 to 20 wage earners	
	Establishments	Wage earners (average for the year)	Establishments	Establishments	Wage earners	Establishments	Wage earners
1 All industries.....	210,959	8,838,743	7,420	95,767	279,734	53,524	595,708
GROUPS OF INDUSTRIES							
2 Food and kindred products.....	56,320	753,247	2,296	35,859	84,010	11,999	124,061
3 Textiles and their products.....	27,404	1,707,798	531	7,069	30,745	8,636	100,449
4 Forest products.....	26,012	876,383	76	12,603	50,271	6,750	80,406
5 Paper and allied products.....	3,126	233,393	11	324	1,025	810	10,123
6 Printing, publishing, and allied industries.....	27,522	357,988	3,524	14,707	39,669	6,103	64,404
7 Chemicals and allied products.....	8,278	280,868	251	3,629	9,361	2,224	24,629
8 Products of petroleum and coal.....	1,497	147,216	2	342	1,057	487	5,553
9 Rubber products.....	625	149,148	4	102	1,270	109	1,268
10 Leather and its manufactures.....	4,277	318,415	20	1,072	3,107	1,114	12,906
11 Stone, clay, and glass products.....	8,514	328,417	64	3,445	10,362	2,338	26,292
12 Iron and steel and their products, not including machinery.....	6,640	880,882	40	1,600	4,044	1,691	19,712
13 Nonferrous metals and their products.....	7,522	314,741	85	3,126	6,035	2,344	25,576
14 Machinery, not including transportation equipment.....	12,955	1,091,269	88	3,652	11,953	3,735	43,329
15 Transportation equipment, air, land, and water.....	2,550	583,355	9	615	1,849	666	7,626
16 Railroad repair shops.....	2,297	398,156	1	237	1,818	470	5,794
17 Miscellaneous industries.....	14,620	417,467	415	7,355	20,358	3,998	43,574

SIZE OF ESTABLISHMENTS

TABLE 2.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS: 1929 AND 1919

[The differences between the figures for 1919 as originally published and as they appear in this table are due to the fact that the figures here presented have been adjusted for comparison with 1929 by deducting the data for establishments reporting products valued at less than \$5,000, in all industries, and for all establishments classified in the "Automobile repairing" industry]

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (Average for the year)		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
	1929	1919	1929	1919	1929	1919	1929	1919
All establishments.....	210, 059	214, 383	8, 838, 748	9, 000, 059	\$70, 434, 863, 443	\$62, 041, 795, 316	\$31, 885, 283, 711	\$24, 809, 092, 926
\$5,000 to \$19,999.....	69, 423	79, 699	202, 958	227, 977	771, 417, 436	866, 036, 290	479, 142, 928	485, 331, 079
\$20,000 to \$99,999.....	75, 225	75, 627	693, 155	773, 701	3, 687, 697, 276	3, 487, 756, 280	2, 084, 004, 630	1, 699, 153, 934
\$20,000 to \$49,999.....	48, 618	(1)	315, 912	(1)	1, 497, 191, 175	(1)	884, 480, 351	(1)
\$50,000 to \$99,999.....	28, 607	(1)	377, 243	(1)	2, 090, 500, 101	(1)	1, 199, 544, 279	(1)
\$100,000 to \$499,999.....	44, 153	39, 447	1, 672, 983	1, 712, 854	10, 023, 771, 653	8, 929, 364, 110	5, 174, 716, 380	4, 133, 745, 276
\$100,000 to \$249,999.....	28, 704	(1)	778, 886	(1)	4, 568, 093, 828	(1)	2, 415, 698, 858	(1)
\$250,000 to \$499,999.....	15, 449	(1)	894, 097	(1)	5, 455, 677, 825	(1)	2, 759, 019, 522	(1)
\$500,000 to \$999,999.....	10, 395	9, 197	1, 121, 547	1, 112, 815	7, 294, 800, 945	6, 457, 485, 019	3, 541, 214, 231	2, 878, 148, 709
\$1,000,000 and over.....	11, 763	10, 413	5, 148, 100	5, 172, 712	48, 757, 116, 133	42, 301, 103, 617	20, 608, 205, 542	15, 612, 713, 928
\$1,000,000 to \$2,499,999.....	7, 430	(1)	1, 606, 221	(1)	11, 684, 840, 599	(1)	5, 300, 380, 315	(1)
\$2,500,000 to \$4,999,999.....	2, 479	(1)	1, 099, 563	(1)	8, 378, 377, 542	(1)	4, 038, 706, 414	(1)
\$5,000,000 and over.....	1, 864	(1)	2, 442, 326	(1)	28, 763, 897, 992	(1)	11, 179, 118, 813	(1)

1 No data.

CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS, GROUPS: 1929

ESTABLISHMENTS EMPLOYING—continued														
21 to 50 wage earners		51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more		
Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	
25, 022	614, 465	12, 467	891, 671	10, 195	1, 589, 040	3, 840	1, 331, 145	1, 722	1, 176, 991	790	1, 144, 735	206	1, 015, 254	1
3, 640	114, 674	1, 353	96, 017	843	128, 105	190	65, 543	83	55, 150	39	53, 849	9	30, 638	2
4, 824	158, 046	2, 602	187, 510	2, 255	353, 526	893	307, 409	372	263, 301	172	238, 021	20	78, 131	3
3, 809	125, 422	1, 739	124, 505	1, 330	206, 903	439	149, 056	132	86, 313	31	43, 251	3	10, 256	4
808	27, 272	517	37, 207	479	75, 402	138	47, 959	30	20, 580	9	13, 759	3	8, 405	5
1, 966	62, 453	661	46, 069	392	59, 367	110	40, 050	39	25, 234	8	12, 337	3	24, 652	6
1, 168	31, 396	533	37, 238	299	45, 963	105	35, 753	38	27, 195	25	38, 681	6	21, 063	7
239	7, 568	158	10, 720	151	23, 927	59	21, 326	33	22, 177	20	33, 226	6	63, 078	8
77	2, 592	65	4, 882	66	9, 988	44	15, 916	25	17, 011	24	33, 543	9	9, 477	9
770	25, 615	505	36, 631	482	75, 125	197	68, 624	85	50, 303	21	30, 327	2	11	10
1, 203	39, 476	686	49, 190	540	83, 010	162	54, 532	60	41, 285	10	23, 072	1	189, 452	11
1, 030	34, 313	733	54, 193	817	130, 987	375	132, 135	194	137, 625	120	177, 541	40	22, 796	12
956	30, 862	450	31, 362	305	47, 044	148	52, 002	68	45, 942	33	49, 462	7	231, 858	13
2, 209	72, 580	1, 288	91, 477	1, 097	169, 418	463	159, 671	239	163, 263	100	147, 714	44	254, 679	14
461	15, 175	212	15, 201	222	35, 604	120	46, 337	105	76, 991	39	130, 433	42	33, 116	15
432	14, 831	305	22, 615	421	67, 284	235	82, 813	133	90, 557	55	80, 328	8	36, 453	16
1, 421	45, 234	660	46, 854	496	76, 687	154	51, 000	80	58, 666	28	38, 591	7		17

CENSUS OF MANUFACTURES: 1929

TABLE 4.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING

[In cases where the item for a certain group can not be given separately without disclosing data for individual establishments, it has been combined with that for another in the totals for all industries the data for each establishment are included in the item for the group in which the

INDUSTRY	TOTAL		ESTABLISHMENTS EMPLOYING—				
	Establishments	Wage earners (average for the year)	No wage earners	1 to 5 wage earners		6 to 20 wage earners	
				Establishments	Wage earners	Establishments	Wage earners
1 All Industries, total.....	210,959	8,838,743	7,428	95,767	279,734	53,524	595,708
2 Agricultural implements.....	293	41,063		100	322	68	784
3 Aircraft and parts.....	132	14,710		27	81	33	358
4 Alcohol, ethyl, and distilled liquors.....	30	1,484		2	(x)	0	91
5 Aluminum manufactures.....	160	21,210		35	105	48	561
6 Ammunition and related products.....	21	7,223		1	(x)	2	18
7 Artificial and preserved flowers and plants.....	101	3,216	3	74	247	71	820
8 Artificial leather.....	17	2,590				1	(x)
9 Artists' materials.....	68	1,167	1	37	101	18	197
10 Asbestos products, other than steam packing and pipe and boiler covering.....	67	8,092		16	50	13	141
11 Asphalted-felt-base floor covering.....	14	2,345					
12 Awnings, tents, sails, and canvas covers.....	1,002	7,162	12	664	1,951	268	2,661
13 Bags, other than paper, not made in textile mills.....	202	11,828	2	45	135	53	654
14 Bags, paper, exclusive of those made in paper mills.....	95	6,970		3	10	24	285
15 Baking powders, yeast, and other leavening compounds.....	48	3,006		16	30	9	118
16 Baskets and rattan and willow ware, not including furniture.....	273	9,353	3	36	352	108	1,092
17 Belting other than leather and rubber, not made in textile mills.....	9	255			(x)	1	38
18 Belting, leather.....	207	2,602	6	121	322	53	474
19 Beverages.....	5,154	28,281	187	3,901	9,120	873	8,284
20 Billiard and pool tables, bowling alleys, and accessories.....	40	1,390		19	61	14	138
21 Blacking, stains, and dressings.....	170	1,617	9	119	277	28	246
22 Bluing.....	20	105	1	14	36	4	69
23 Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.....	117	16,175	1	14	51	23	310
24 Bone black, carbon black, and lampblack.....	77	1,915		4	10	33	404
25 Bookbinding and blank-book making.....	1,108	24,754	13	475	1,447	384	4,215
26 Boot and shoe cut stock, not made in boot and shoe factories.....	210	9,499		63	179	83	1,005
27 Boot and shoe findings, not made in boot and shoe factories.....	382	10,376	1	112	358	124	1,489
28 Boots and shoes, other than rubber.....	1,341	205,640	1	135	447	200	2,471
29 Boots and shoes, rubber.....	22	25,659			(x)	1	(x)
30 Boxes, cigar, wooden.....	118	4,374	2	21	109	40	397
31 Boxes, paper, not elsewhere classified.....	1,240	55,654	1	96	304	443	5,037
32 Boxes, wooden, except cigar boxes.....	792	30,554	4	208	763	224	2,680
33 Bread and other bakery products.....	20,785	200,841	662	14,206	35,333	4,315	41,924
34 Brooms.....	407	4,542	6	223	687	132	1,417
35 Brushes, other than rubber.....	303	7,261	7	137	409	95	1,064
36 Buttor.....	3,527	19,097	184	2,543	5,984	629	6,441
37 Buttons.....	242	9,034	1	67	261	72	881
38 Candles.....	20	781		5	27	5	62
39 Canning and preserving: Fish, crabs, shrimps, oysters, and clams.....	348	13,012	4	86	295	105	1,269
40 Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	2,997	98,806	18	932	3,297	1,032	12,139
41 Car and general construction and repairs, electric-railroad repair shops.....	440	29,475		82	300	156	1,933
42 Car and general construction and repairs, steam-railroad repair shops.....	1,851	308,681	1	155	518	314	3,861
43 Carbon paper and inked ribbons.....	57	1,251	2	23	65	10	209
44 Cardboard, not made in paper mills.....	13	609		2	(x)	5	57
45 Card cutting and designing.....	70	2,338	2	14	45	20	328
46 Carpets and rugs, rag.....	94	1,529		54	157	29	200
47 Carpets and rugs, wool, other than rag.....	67	32,023		2	(x)	6	94
48 Carriage, wagon, sleigh, and sled materials.....	45	681		18	49	15	181
49 Carriages and sleds, children's.....	79	7,102		11	32	14	157
50 Carriages, wagons, sleighs, and sleds.....	88	2,873	1	17	53	23	354
51 Cars, electric and steam railroad, not built in railroad repair shops.....	147	40,015		6	23	22	292
52 Cash registers and adding, calculating, and card-tabulating machines.....	46	16,840		14	34	10	110
53 Caskets, coffins, burial cases, and other morticians' goods.....	414	13,033	3	97	281	146	1,648
54 Cast-iron pipe.....	72	19,741				1	(x)
55 Cement.....	174	33,368		3	11	4	34
56 Cereal preparations.....	121	6,488		55	126	33	330
57 Cheese.....	2,758	3,401	545	2,153	2,499	50	446
58 Chemicals, not elsewhere classified.....	551	62,199	7	106	303	138	1,717
59 Chewing gum.....	37	2,265		10	41	13	156
60 China firing and decorating, not done in potteries.....	27	317		15	48	9	129
61 Chocolate and cocoa products, not including confectionery.....	59	6,249				22	282
62 Cigars and cigarettes.....	1,630	105,308	41	830	2,241	334	3,592
63 Clay products (other than pottery) and nonclay refractories.....	1,740	93,336		222	795	479	5,740
64 Cleaning and polishing preparations.....	429	2,713	40	302	644	65	655
65 Clocks, clock movements, time-recording devices, and time stamps.....	56	10,401		14	54	15	170
66 Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.....	3,691	140,898	140	1,515	7,799	830	9,223
67 Clothing, men's, buttonholes.....	32	202		18	61	12	291
68 Clothing, women's, not elsewhere classified.....	8,082	187,500	155	1,731	9,291	3,763	45,605
69 Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.....	511	38,201	6	32	245	126	1,309
70 Cloth sponging and refinishing.....	46	902		7	22	20	393
71 Coffee and spice, roasting and grinding.....	928	9,053	30	527	1,225	270	2,812
72 Coke, not including gas-house coke.....	153	20,552		9	28	33	343
73 Collapsible tubes.....	17	1,821				1	(x)
74 Collars, men's.....	15	2,952		3	15	4	40
75 Combs and hairpins, not made from metal or rubber.....	24	656		4	11	11	125
76 Compressed and liquefied gases.....	354	3,300	1	142	468	171	1,714
77 Concrete products.....	2,438	16,505	29	1,036	4,301	570	5,686
78 Condensed and evaporated milk.....	535	7,056	14	241	593	152	1,746
79 Confectionery.....	2,021	63,501	24	966	2,659	495	5,521
80 Cooperage.....	586	10,091	4	327	888	140	1,527
81 Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.....	2,161	28,593	14	1,112	3,286	738	7,956
82 Cordage and twine.....	123	14,489		9	29	25	354
83 Cork products.....	35	3,842		11	34	5	64
84 Corn sirup, corn sugar, corn oil, and starch.....	35	6,730		19	91	2	(x)

SIZE OF ESTABLISHMENTS

TO NUMBER OF WAGE EARNERS, BY INDUSTRIES: 1929

group. In such cases an (x) is shown in the column in which the item has been omitted, and the item for the group with which it has been consolidated is printed in *italics*. establishment properly belongs, and therefore the totals differ from the sums of the items in the respective columns]

ESTABLISHMENTS EMPLOYING—continued													
21 to 50 wage earners		51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more	
Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners
25, 022	814, 465	12, 467	801, 671	10, 195	1, 589, 040	3, 840	1, 331, 145	1, 722	1, 176, 991	790	1, 144, 735	206	1, 015, 254
48	1, 476	22	1, 554	21	3, 325	14	4, 795	10	7, 128	7	10, 069	3	12, 240
22	779	16	1, 134	19	3, 012	10	3, 599	3	2, 169	3	3, 578		
11	404	9	989	2	(x)								
21	717	13	936	11	1, 701	11	3, 684	4	2, 794	6	10, 712	1	(x)
7	258	1	(x)	2	(x)		1, 118	2	(x)	3	5, 854		
32	977	7	521	3	642	1	(x)						
2	100	8	572	3	375	2	(x)	1	1, 543				
7	231	2	(x)	3	653								
7	216	11	747	11	1, 914	5	1, 902	3	3, 122	1	(x)		
	(x)	3	316	6	774	2	1, 255	1	(x)				
45	1, 361	7	469	6	820								
32	1, 025	28	1, 990	30	5, 809	5	2, 215	1	(x)				
26	959	21	1, 548	17	2, 706	4	1, 405						
6	191	6	397	9	2, 270	2	(x)						
68	2, 166	37	2, 508	19	3, 432	2	(x)						
2	(x)	2	222										
15	478	7	542	5	786								
127	3, 883	42	2, 836	21	3, 098	3	1, 060			1	1, 101		
6	(x)												
8	245	3	209	2	640	1	(x)						
1	(x)												
21	715	21	1, 601	22	3, 576	7	2, 345	5	3, 407	3	4, 080		
29	530	6	383	5	588								
130	4, 274	64	4, 497	29	4, 070	9	3, 254	4	2, 391	2	4, 343		
80	653	20	1, 355	9	1, 624	1	(x)	2	(x)				
89	2, 927	39	2, 724	15	2, 878	2							
239	8, 097	244	17, 563	287	45, 828	145	50, 610	73	48, 978	15	31, 397	2	(x)
		3	224	1	(x)			5	3, 711	0	21, 654	2	(x)
27	879	19	1, 331	7	1, 661	2	(x)						
393	13, 160	197	13, 618	97	14, 536	20	8, 099	2	(x)				
167	5, 597	109	7, 715	69	10, 109	11	3, 690						
933	29, 580	364	28, 364	246	36, 918	44	15, 328	12	7, 434	2	(x)	1	3, 455
32	955	11	817	2	666	1	(x)						
35	1, 223	14	998	0	1, 582	6	1, 985						
138	4, 103	25	1, 697	8	872								
49	1, 055	27	1, 820	21	3, 033	5	1, 394						
4	120	5	672	1	(x)								
69	2, 309	48	3, 493	31	4, 232	4	2, 014	1	(x)				
558	17, 905	248	17, 632	165	25, 748	36	12, 517	4	2, 295	3	7, 433	1	(x)
110	3, 670	38	2, 755	37	5, 105	13	4, 452	7	4, 399	2	6, 801	1	(x)
322	11, 161	267	19, 860	384	62, 119	222	78, 361	126	86, 168	53	76, 570	7	30, 004
4	137	6	478	3	362								
2	(x)	2	552	2	(x)								
14	489	9	604	5	872								
7	216	2	(x)	1	866			1	(x)				
10	326	12	926	12	1, 931	11	4, 062	8	5, 605	2	(x)	4	19, 919
8	192	4	259										
27	955	10	666	11	1, 786	4	3, 606	1	(x)	1	(x)		
27	919	10	706	5	841								
31	1, 087	20	1, 469	23	3, 543	25	9, 220	9	6, 715	10	17, 666	1	(x)
1	(x)	5	563	4	631	7	2, 628	3	(x)			2	13, 084
98	3, 211	46	3, 205	19	2, 864	4	1, 824	1	(x)				
8	599	11	819	25	4, 107	17	5, 977	7	4, 859	3	3, 040		
11	420	39	2, 994	79	13, 338	31	10, 065	5	6, 506	2	(x)		
13	387	12	848	3	457			3	4, 840	2	(x)		
9	466	1	(x)	1	(x)								
115	3, 624	64	4, 022	59	9, 004	32	11, 168	18	13, 399	12	17, 702		
6	178	3	665	2	(x)	2	1, 325	1	(x)				
2	140	1	(x)										
16	466	9	610	6	806	3	1, 068	2	2, 667	1	(x)		
141	4, 763	82	5, 808	90	16, 257	49	16, 479	33	22, 867	10	33, 311	2	(x)
473	16, 045	342	24, 281	194	28, 218	28	9, 410	10	8, 847	1	(x)		
14	478	4	253	3	683	1	(x)						
8	281	5	380	5	691	4	3, 091	2	(x)	2	5, 734	1	(x)
621	20, 304	286	20, 459	108	30, 028	62	21, 366	23	14, 419	15	26, 270	1	(x)
1	(x)	1	(x)										
1, 660	63, 462	537	37, 353	204	30, 769	28	9, 701	4	2, 319				
140	4, 816	103	7, 648	71	11, 239	28	9, 401	4	3, 466	1	(x)		
8	487	1	(x)	1	(x)								
71	2, 312	19	1, 287	11	1, 417								
23	651	27	1, 876	39	6, 376	15	5, 344	5	5, 936	2	(x)		
4	164	6	466	5	1, 201	1	(x)						
3	243	2	(x)			1	(x)	1	2, 654	1	(x)		
6	196	1	(x)	2	524								
37	1, 035	3	178										
119	3, 540	23	1, 757	8	1, 221								
108	3, 327	18	1, 999	2	(x)								
251	8, 026	188	10, 161	108	16, 924	24	8, 250	11	7, 007	4	4, 993		
61	1, 862	31	2, 242	19	2, 245	3	1, 567	1	(x)				
199	6, 102	67	4, 688	24	3, 207	4	1, 330	3	2, 024				
22	814	23	1, 682	29	4, 370	11	3, 621	2	3, 819	2	(x)		
4	116	6	466	4	900	4	2, 562	1	(x)	1	(x)		
		1	(x)	3	591	4	1, 338	5	4, 710	1	(x)		

CENSUS OF MANUFACTURES: 1929

TABLE 4.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING

[See note at

INDUSTRY	TOTAL		ESTABLISHMENTS EMPLOYING—				
	Establishments	Wage earners (average for the year)	No wage earners	1 to 5 wage earners		6 to 20 wage earners	
				Establishments	Wage earners	Establishments	Wage earners
1 Corsets and allied garments.....	213	13,664	.....	42	111	56	601
2 Cotton goods.....	1,281	424,016	2	39	138	80	936
3 Cotton small wares.....	202	15,281	1	30	104	61	787
4 Crucibles.....	11	321	.....	1	(x)	4	64
5 Cutlery (not including silver and plated cutlery) and edge tools.....	239	14,991	1	62	206	64	748
6 Dairyman's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.....	172	5,450	1	71	244	46	563
7 Dental goods and equipment.....	87	4,559	1	37	89	26	276
8 Doors, shutters, and window sash and frames, metal.....	148	9,557	.....	37	131	40	447
9 Druggists' preparations.....	429	10,688	22	205	568	123	1,266
10 Drug grinding.....	26	677	.....	9	31	11	139
11 Dyeing and finishing textiles.....	732	79,327	.....	111	358	200	2,411
12 Electrical machinery, apparatus, and supplies.....	1,802	328,732	5	418	1,496	486	5,710
13 Electroplating.....	534	5,928	9	262	780	186	1,942
14 Embroideries.....	513	5,922	11	583	2,628	168	2,103
15 Emery wheels and other abrasive and polishing appliances.....	67	3,873	.....	19	58	19	239
16 Engines, turbines, tractors, and water wheels.....	199	61,148	.....	19	65	42	468
17 Engravers' materials.....	19	313	.....	9	32	6	79
18 Engraving (other than steel, copperplate, or wood), chasing, etching, and deslaking.....	189	2,240	7	131	319	36	355
19 Engraving, steel and copperplate, and plate printing.....	456	10,130	5	190	635	172	1,902
20 Engraving, wood.....	27	142	3	17	39	6	79
21 Envelopes.....	171	10,367	.....	20	71	45	553
22 Excelsior.....	96	1,241	.....	13	38	37	408
23 Explosives.....	95	5,614	.....	38	89	7	65
24 Fancy and miscellaneous articles, not elsewhere classified.....	814	18,722	5	314	1,087	281	3,240
25 Feathers, plumes, and manufactures thereof.....	30	257	.....	21	66	17	191
26 Feeds, prepared, for animals and fowls.....	750	10,223	11	392	893	222	2,484
27 Felt goods, wool, hair, or jute.....	54	5,540	.....	3	9	10	130
28 Fertilizers.....	638	20,926	.....	165	618	213	2,367
29 Files.....	33	3,974	1	5	18	10	105
30 Firearms.....	21	6,838	.....	1	(x)	3	39
31 Fire extinguishers, chemical.....	28	740	1	12	32	5	57
32 Fireworks.....	50	1,811	1	15	30	16	121
33 Flags and banners.....	54	938	.....	27	75	17	199
34 Flavoring extracts and flavoring sirups.....	642	5,041	41	429	906	120	1,276
35 Flax and hemp, dressed.....	6	47	.....	3	11	3	36
36 Flour and other grain-mill products.....	4,022	27,028	266	3,010	4,713	475	5,054
37 Food preparations, not elsewhere classified.....	862	10,616	14	532	1,276	213	2,214
38 Forgings, iron and steel, not made in plants operated in connection with rolling mills.....	218	20,882	1	26	87	53	690
39 Foundry and machine-shop products, not elsewhere classified.....	8,605	454,441	71	2,634	8,540	2,572	20,190
40 Foundry supplies.....	59	863	.....	28	83	19	243
41 Fuel: Briquettes and boulets.....	23	426	.....	5	15	10	92
42 Fur goods.....	2,855	15,752	132	1,046	4,903	662	6,680
43 Furnishings goods, men's, not elsewhere classified.....	598	20,588	16	152	532	157	1,977
44 Furniture, including store and office fixtures.....	3,778	193,390	13	1,037	2,665	1,010	12,428
45 Furs, dressed.....	248	5,167	61	50	153	72	825
46 Galvanizing and other coating, not done in plants operated in connection with rolling mills.....	65	1,125	.....	14	50	28	354
47 Gas and electric fixtures; lamps, lanterns, and reflectors.....	614	23,580	6	205	606	189	2,096
48 Gas machines, gas meters, and water and other liquid meters.....	72	6,101	.....	12	40	22	231
49 Gas, manufactured, illuminating and heating.....	754	43,065	.....	190	631	308	3,368
50 Glass.....	263	67,527	.....	7	20	15	222
51 Glass products (except mirrors) made from purchased glass.....	431	6,029	5	228	691	135	1,323
52 Gloves and mittens, cloth or leather combined, made from purchased fabrics.....	125	9,279	.....	13	42	36	472
53 Gloves and mittens, leather.....	257	9,203	3	63	211	79	891
54 Glue and gelatin.....	74	2,993	.....	33	71	13	137
55 Gold leaf and foil.....	75	1,177	1	42	125	22	237
56 Gold, silver, and platinum, reducing and refining, not from the ore.....	69	931	3	46	106	13	202
57 Graphite, ground and refined.....	11	494	.....	4	17	5	477
58 Grease and tallow, not including lubricating greases.....	297	5,475	3	134	402	99	1,133
59 Haircloth.....	13	450	.....	1	(x)	5	80
60 Hair work.....	59	359	2	39	119	13	131
61 Handkerchiefs.....	105	6,014	10	19	61	16	211
62 Hand stamps and stencils and brands.....	332	2,971	12	205	558	84	828
63 Hardware not elsewhere classified.....	485	52,306	1	118	254	131	1,511
64 Hat and cap materials, men's.....	112	2,564	3	49	133	31	384
65 Hats and caps, except felt and straw, men's.....	576	5,826	36	244	671	232	2,489
66 Hats, fur-felt.....	139	16,539	2	32	101	31	365
67 Hats, straw, men's.....	50	3,380	4	19	19	13	156
68 Hats, wool-felt.....	14	2,028	.....	.....	.....	2	(x)
69 Hones, whetstones, and similar products.....	6	174	.....	3	11	1	(x)
70 Horse blankets, fly nets, and related products.....	14	582	.....	4	15	5	75
71 House-furnishing goods, not elsewhere classified.....	964	15,794	38	394	1,078	321	3,440
72 Ice cream.....	3,150	22,390	180	2,112	4,620	634	6,494
73 Ice, manufactured.....	4,110	32,184	4	2,484	8,072	1,328	13,571
74 Ink, printing.....	147	2,448	8	58	161	54	569
75 Ink, writing.....	29	416	2	18	37	6	66
76 Instruments, professional and scientific.....	276	16,876	1	99	301	86	898
77 Iron and steel: Blast furnaces.....	105	24,960	.....	.....	.....	1	(x)
78 Iron and steel, processed.....	46	511	1	21	61	16	163
79 Iron and steel: Steel works and rolling mills.....	486	304,574	4	4	13	18	252
80 Ivory, shell, and bone work, not including buttons, combs, or hairpins.....	21	391	.....	6	22	11	134
81 Jewelry.....	1,536	27,922	39	756	2,017	448	4,778
82 Jewelry and instrument cases.....	113	2,269	1	45	130	36	422
83 Jute goods.....	20	4,931	.....	2	(x)	2	27
84 Knit goods.....	1,888	208,488	24	225	1,204	427	4,582
85 Labels and tags.....	153	4,474	.....	45	146	53	602
86 Lace goods.....	42	6,854	.....	2	(x)	7	81
87 Lapidary work.....	100	506	4	76	170	16	155
88 Lasts and related products.....	58	1,760	.....	10	33	13	218
89 Leather goods, not elsewhere classified.....	392	6,035	5	169	441	146	1,613
90 Leather: Tanned, curried, and finished.....	471	49,932	.....	32	96	89	1,082
91 Lime.....	237	8,554	.....	33	164	85	1,002
92 Linen goods.....	16	2,195	.....	.....	.....	1	(x)

SIZE OF ESTABLISHMENTS

TO NUMBER OF WAGE EARNERS, BY INDUSTRIES: 1929—Continued

head of table]

ESTABLISHMENTS EMPLOYING—continued													
21 to 50 wage earners		51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more	
Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners
46	1,501	25	1,790	32	5,072	9	2,857	3	1,732				
101	3,649	176	13,401	366	61,830	264	94,216	165	113,088	82	116,267	6	20,497
42	1,390	29	2,000	24	3,986	11	3,972	3	3,002	1	(x)		
5	297	1	(x)										
44	1,441	28	1,948	28	4,020	8	2,005	3	1,025	1	(x)		
25	805	17	1,099	9	1,487	2	1,252	1	(x)				
8	256	4	332	7	1,197	1	(x)	3	2,409				
32	1,075	13	934	17	2,658	6	2,056	3	2,256				
41	1,335	21	1,519	12	2,261	1	(x)	3	3,749	1	(x)		
4	607	1	(x)										
135	4,575	86	6,150	120	19,205	41	14,351	24	16,135	8	16,002	1	(x)
267	8,904	184	13,260	224	34,789	109	33,834	53	36,923	37	54,945	19	133,757
60	1,920	15	1,830	2	(x)								
40	1,058	10	1,853	1	(x)								
13	442	10	698	4	2,456	1	(x)			1	(x)		
37	1,172	30	2,057	22	3,394	17	6,599	16	10,456	10	17,266	6	19,676
3	209			1	(x)								
8	341	1	(x)	4	1,225	2	(x)						
50	1,803	18	1,408	7	1,154	4	3,228			1	(x)		
1	(x)												
48	1,578	28	2,155	25	3,748	4	2,262	1	(x)				
10	321	5	474	1	(x)								
18	619	10	1,131	13	2,129	1	(x)	2	1,581				
131	4,093	44	3,109	32	4,491	7	2,716						
1	(x)												
79	2,522	32	2,213	14	2,111								
9	273	15	1,081	10	1,474	6	2,573	1	(x)				
129	4,470	95	6,558	31	4,649	3	2,264	2	(x)				
4	140	3	202	4	654	5	2,856			1	(x)		
3	99	2	(x)	4	315	3	1,022	2	(x)	3	4,869		
7	192	2	459			1	(x)						
11	375	3	220	1	(x)	3	1,015						
5	174	3	490	2	(x)								
34	1,076	11	826	7	957								
178	5,588	56	3,966	32	4,690	4	3,077	2	(x)				
61	2,023	27	1,782	9	1,782	6	1,939						
49	1,044	25	1,849	44	6,933	14	4,812	6	4,807				
1,460	47,804	847	59,882	651	100,000	236	81,716	101	67,778	26	35,345	7	24,171
9	263	2	264	1	(x)								
5	154	3	165										
102	3,018	10	347	3	504								
129	4,107	69	4,965	62	9,327	10	3,482	3	2,148				
745	24,752	471	34,172	382	50,211	88	29,636	24	16,180	7	14,355	1	(x)
36	1,086	22	1,602	5	1,501	1	(x)	1	(x)				
10	283	6	438										
112	3,543	54	3,605	28	4,292	14	5,185	0	4,253				
11	424	12	872	8	1,242	5	3,292	2	(x)	7			
122	3,820	55	3,653	53	7,982	14	4,905	0	4,051	9	14,595	1	(x)
26	955	43	3,294	84	14,038	61	17,613	28	19,295				
43	1,317	14	934	4	1,764			2	(x)				
30	1,027	23	1,684	14	2,216	7	3,858	2	(x)				
60	2,028	31	2,396	17	2,467	4	1,210						
10	336	8	588	8	1,361	2	(x)						
5	157	3	658	1	(x)	1	(x)						
2	(x)	2	(x)	3	628								
35	1,128	20	1,305	4	1,447	1	(x)	1	(x)				
5	370	1	(x)	4	(x)								
5	109												
26	923	17	1,191	12	1,942	5	1,680						
21	593	6	479	4	513								
85	2,728	50	4,001	64	10,810	18	6,312	9	6,879	7	19,811	2	(x)
14	439	9	649	6	959								
46	1,369	17	1,297	1	(x)								
35	1,259	17	1,906	23	3,517	5	1,568	3	7,823	1	(x)	1	(x)
11	325	20	1,923	6	1,957	1	(x)	1	(x)				
1	69	13	191	7	1,768			1	(x)				
1	113	3		1	(x)								
3	492												
162	4,794	52	3,773	16	2,739	1	(x)						
163	4,371	41	2,720	16	2,293	4	1,301						
237	7,476	32	2,262	5	803								
17	568	5	358	5	792								
41	1,998	23	1,613	11	1,669	9	2,912	3	1,756	2	6,529	1	(x)
5	211	24	1,883	43	7,022	21	7,608	9	8,236	2	(x)		
7	287	1	(x)										
24	870	65	5,132	87	14,612	94	33,850	85	60,606	74	113,483	35	165,756
2	(x)	2	235										
167	5,442	77	5,375	38	5,501	6	2,132	5	2,677				
20	620	9	1,097	1	(x)	1	(x)						
4	127	3	198	2	513	4	1,741	2	2,338	1	(x)		
374	13,393	305	21,970	315	48,300	133	47,062	52	28,830	30	32,906	3	10,151
34	1,057	11	754	7	940	3	975						
7	241	5	407	12	1,043	6	2,251	3	2,231				
3	181	1	(x)										
17	607	12	902	1	(x)								
51	1,654	9	549	12	1,778								
120	4,108	88	6,454	92	14,247	37	13,098	9	5,499	4	5,348		
70	2,251	28	2,071	19	3,066	2	(x)						
2	99	5	343	6	1,758	1	(x)	1	(x)				

CENSUS OF MANUFACTURES: 1929

TABLE 4.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING

[See note at

INDUSTRY	TOTAL		ESTABLISHMENTS EMPLOYING—				
	Establishments	Wage earners (average for the year)	No wage earners	1 to 5 wage earners		6 to 20 wage earners	
				Establishments	Wage earners	Establishments	Wage earners
1 Linoleum.....	7	5,544					
2 Liquors, vinous.....	24	486	1	17	50	4	136
3 Lithographing.....	376	18,079	5	59	173	112	1,417
4 Locomotives, not made in railroad repair shops.....	16	11,045		1	(x)	2	26
5 Lubricating oils and greases, not made in petroleum refineries.....	177	2,677	2	99	272	55	625
6 Lumber and timber products, not elsewhere classified.....	12,915	419,084	9	8,075	36,998	2,287	26,698
7 Macaroni, spaghetti, vermicelli, and noodles.....	353	5,072	18	189	426	83	925
8 Machine-tool accessories and small metal-working tools, not elsewhere classified.....	722	26,682	5	177	574	281	3,300
9 Machine tools.....	280	47,391		26	93	49	617
10 Malt.....	28	590		2	(x)	14	164
11 Marble, granite, slate, and other stone products.....	1,881	37,817	22	833	3,080	623	7,206
12 Matches.....	21	3,760		1	(x)		
13 Mats and matting, grass and coir.....	7	467		2	22	2	(x)
14 Mattresses and bed springs, not elsewhere classified.....	951	17,187	9	505	1,415	298	3,307
15 Meat packing, wholesale.....	1,277	122,505	36	403	1,100	341	3,914
16 Millinery.....	1,293	32,209	5	305	961	544	6,314
17 Minerals and earths, ground or otherwise treated.....	88	1,679		19	61	53	619
18 Mirror and picture frames.....	178	4,446	2	52	150	72	769
19 Mirrors, framed and unframed.....	304	4,782	4	113	343	117	1,416
20 Models and patterns, not including paper patterns.....	804	6,778	12	444	1,295	280	2,872
21 Motion pictures, not including projection in theaters.....	142	10,784	3	41	134	26	272
22 Motor-vehicle bodies and motor-vehicle parts.....	1,154	221,332	7	322	893	329	3,672
23 Motor vehicles, not including motorcycles.....	244	226,116	1	24	79	45	527
24 Motorcycles, bicycles, and parts.....	21	4,392		1	(x)	2	20
25 Mucilage, paste, and other adhesives, except glue and rubber cement.....	84	4,414	3	63	143	12	111
26 Musical instrument parts and materials: Piano and organ.....	67	3,090		17	64	20	202
27 Musical instruments and parts and materials, not elsewhere classified.....	106	3,176	2	39	110	34	354
28 Musical instruments: Organs.....	62	2,380		22	77	18	220
29 Musical instruments: Pianos.....	81	9,970		8	29	15	172
30 Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	55	2,027		14	47	13	159
31 Needles, pins, hooks and eyes, and snap fasteners.....	43	6,242		8	27	4	41
32 Net and seines.....	19	903		6	17	3	45
33 Nonferrous-metal alloys and products, not including aluminum products.....	1,225	79,183	9	440	1,259	400	4,600
34 Oil, cake, and meal, cottonseed.....	553	15,825		29	112	197	2,750
35 Oil, cake, and meal, linseed.....	20	2,715	1	1	15	2	(x)
36 Oils, essential.....	22	265	1	14	27	4	48
37 Oils, not elsewhere classified.....	75	1,234	2	38	92	18	186
38 Olecloth.....	9	1,412				1	(x)
39 Oleomargarine, not made in meat-packing establishments.....	41	1,534		9	27	15	190
40 Optical goods.....	117	9,701	1	37	86	33	362
41 Paints and varnishes.....	1,063	29,211	3	425	1,159	339	3,842
42 Paper.....	685	103,320		10	31	67	770
43 Paper goods, not elsewhere classified.....	430	20,227	8	120	336	125	1,497
44 Patent or proprietary medicines and compounds.....	1,522	16,434	94	951	2,155	330	3,393
45 Paving materials: Asphalt, tar, crushed slag, and mixtures.....	126	2,375	3	31	115	55	655
46 Peanuts, walnuts, and other nuts, processed or shelled.....	169	7,933	1	36	118	42	494
47 Pencils, lead (including mechanical).....	38	5,703		4	11	7	92
48 Pens, fountain and stylographic; pen points, gold, steel, and brass.....	76	4,600	1	16	45	25	280
49 Perfumes, cosmetics, and other toilet preparations.....	815	13,109	47	480	1,161	173	1,773
50 Petroleum refining.....	390	80,690		39	111	83	1,125
51 Phonographs.....	59	14,416		9	28	14	173
52 Photo-engraving, not done in printing establishments.....	654	12,353	5	172	568	297	3,535
53 Photographic apparatus and materials.....	115	12,967		43	121	34	355
54 Pipes (tobacco).....	24	1,680	1	4	11	8	103
55 Planing-mill products (including general millwork), not made in planing mills connected with sawmills.....	4,840	90,134	29	2,072	6,095	1,677	18,326
56 Plated ware.....	96	10,728		10	41	21	254
57 Plumbers' supplies, not including pipe or vitreous-china sanitary ware.....	255	27,960		42	131	66	807
58 Pocketbooks, purses, and cardcases.....	290	10,430	3	59	199	105	1,256
59 Pottery, including porcelain ware.....	313	35,409	1	44	139	61	697
60 Poultry killing, dressing, and packing, wholesale.....	485	7,769	2	129	378	225	2,677
61 Printing and publishing, book and job.....	12,712	150,649	814	7,381	18,720	3,131	32,683
62 Printing and publishing, music.....	124	810	86	20	51	11	202
63 Printing and publishing, newspaper and periodical.....	11,524	129,660	2,582	6,169	17,388	1,815	18,423
64 Printing materials, not including type or ink.....	84	1,004	2	42	132	29	289
65 Pulp goods.....	45	3,558		9	27	13	131
66 Pulp (wood and other fiber).....	198	24,729		5	17	23	295
67 Pumps (hand and power) and pumping equipment.....	322	23,106	1	101	301	70	793
68 Rayon and allied products.....	29	39,106					
69 Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.....	183	9,784		49	153	64	714
70 Refrigerators, mechanical.....	34	16,883	1	4	11	12	119
71 Regalia, badges, and emblems.....	77	1,757		32	77	30	354
72 Rice cleaning and polishing.....	60	1,580		11	39	16	216
73 Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.....	102	6,027	1	27	64	17	201
74 Rubber goods other than tires, inner tubes, and boots and shoes.....	412	40,226	4	95	250	96	1,131
75 Rubber tires and inner tubes.....	91	83,263		6	17	12	131
76 Saddlery and harness.....	260	3,339	4	133	348	84	934
77 Safes and vaults.....	27	3,033		4	9	5	52
78 Salt.....	58	5,468		3	8	8	91
79 Sand-lime brick.....	40	566		7	20	28	247
80 Sandpaper, emery paper, and other abrasive paper and cloth.....	11	1,228		2	(x)		
81 Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.....	681	5,897	54	363	773	204	2,203
82 Saws.....	81	4,137		35	93	22	244
83 Scales and balances.....	59	4,118		15	38	13	185
84 Screw-machine products and wood-screws.....	273	19,881	1	52	168	95	1,125
85 Sewing machines and attachments.....	39	10,467	3	13	35	7	68
86 Ship and boat building, steel and wooden, including repair work.....	624	55,089		183	631	176	2,038
87 Shirts.....	863	59,830	32	120	379	222	2,594
88 Shortenings (not including vegetable lard) and cooking oils.....	40	2,712		4	14	8	84

SIZE OF ESTABLISHMENTS

TO NUMBER OF WAGE EARNERS, BY INDUSTRIES: 1929—Continued

head of table]

ESTABLISHMENTS EMPLOYING—continued													
21 to 50 wage earners		51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more	
Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners
1	(x)	1	(x)			2	(x)	4	5,544	1	(x)		
103	3,390	51	3,588	31	4,537	14	5,868	1	(x)				
1	(x)	2	165	5	1,392	1	(x)	1	(x)	1	(x)	2	9,462
14	437	4	261	2	982			1	(x)				
1,093	36,138	507	37,023	548	87,585	276	94,838	97	63,841	21	55,068	2	(x)
36	1,109	17	1,197	10	1,415								
156	5,011	52	3,766	34	5,123	12	4,170	4	4,738	1	(x)		
64	2,136	42	3,064	50	7,731	23	3,212	21	14,232	4	11,300	1	(x)
10	426	2	(x)										
255	8,117	87	6,188	40	7,266	10	5,900	1	(x)	1	(x)		
5	191	4	311	7	1,222	2	(x)	2	2,086				
1	(x)			2	446								
85	2,740	33	2,417	16	3,217	2	(x)	2	4,091			1	(x)
206	6,918	102	7,517	84	14,031	47	15,845	30	20,449	22	30,728	7	22,003
289	9,287	101	9,989	41	6,017	8	2,638						
12	439		(x)	2	662	1	(x)						
25	726	14	964	13	1,847								
55	1,726	11	728	4	589								
57	1,505	8	587	3	459								
9	328	9	671	13	1,874	5	1,661	3	2,356	3	3,488		
194	6,212	75	5,641	53	13,579	49	17,526	39	28,406	39	55,790	17	89,547
33	1,081	20	1,308	25	4,069	17	6,120	31	28,297	28	43,871	20	145,709
5	182	4	287	4	1,417	2	(x)	2	2,477	1	(x)		
6	160												
12	348	4	257	18	2,219	1	(x)						
14	455	9	645	6	1,612	1	(x)	1	(x)				
6	189	10	648	5	1,255	1	(x)						
15	404	14	961	20	3,291	3	840	5	4,183	1	(x)		
15	533	10	753	2	385	1	(x)						
5	164	10	694	8	1,115	5	1,556	2	2,645	1	(x)		
6	297	1	(x)	2	544	1	(x)						
173	5,684	84	5,726	55	8,483	33	11,800	15	9,314	13	21,080	3	11,328
265	8,331	54	3,507	8	1,119								
6	221	13	952	3	429	3	1,098						
2	(x)	1	190										
10	329	5	627	2	(x)								
1	120	1	(x)	4	1,223	2	(x)						
10	315	3	193	3	809	1	(x)						
21	703	9	632	11	2,591	2	(x)	1	(x)	1	5,527	1	(x)
162	5,363	62	4,527	58	8,435	12	5,885	1	(x)	1	(x)		
142	4,992	152	11,308	219	35,692	76	26,853	24	16,780	5	6,075		
93	3,003	42	3,018	26	3,797	13	4,195	1	(x)	2	4,331		
81	2,655	41	2,771	19	2,792	5	2,668	1	(x)				
28	802	8	743	1	(x)								
58	1,848	22	1,582	7	1,022	1	(x)	1	2,806	1	(x)		
8	297	10	727	3	459			0	4,117				
18	582	6	406	6	963	1	(x)	3	2,324				
66	2,003	25	1,321	14	2,047	7	2,362	3	1,942				
75	2,506	99	4,766	57	9,232	30	11,016	21	14,431	11	19,826	5	17,683
13	427	9	735	7	877	5	12,176	1	(x)	1	(x)		
139	4,467	28	1,893	13	1,900								
18	638	7	453	6	604	3	1,061	2	(x)	1	9,675	1	(x)
4	131	3	217	2	(x)		1,218	1	(x)				
703	22,804	222	15,353	117	17,222	26	8,422	3	1,412				
25	884	12	788	18	2,765	7	2,823	1	(x)	2	3,193		
44	1,400	36	2,628	45	6,759	12	4,497	6	3,748	3	7,034	1	(x)
69	2,352	30	2,193	20	2,810	3	1,611	1	(x)				
53	1,897	53	3,981	62	10,413	28	9,146	10	9,136	1	(x)		
115	3,346	9	608	4	760	1	(x)						
907	28,639	204	13,189	155	23,146	44	13,823	13	7,933	1	(x)	2	7,460
2	(x)	3	657	2	(x)								
538	17,092	216	15,095	144	21,900	43	15,143	20	13,411	6	11,208	1	(x)
10	533					1	(x)						
11	427	1	(x)	7	1,247	3	1,726	1	(x)				
40	1,377	44	2,986	68	10,009	14	4,971	2	(x)	2	2,174		
66	2,254	32	2,369	32	4,772	6	2,206	12	10,411	2	(x)		
1	(x)	5	358	2	(x)	7	3,995	3	2,003	5	9,098	6	24,652
27	893	23	1,584	18	2,842	4	1,502	2	2,096	1	(x)		
4	161	3	190	4	1,024	1	(x)			3	15,378	2	(x)
9	291	3	237	2	(x)	1	798						
26	906	7	428										
12	417	22	1,615	22	3,730	1	(x)						
65	2,172	51	3,778	54	7,780	30	10,721	11	7,116	6	7,278		
12	420	11	819	11	1,983	14	5,195	9	6,429	9	13,270	7	55,013
24	753	10	634	5	670								
5	150	6	717	2	(x)	3	2,105	2	(x)				
14	484	15	1,097	14	2,288	4	1,490						
10	299												
2	52	3	207	1	(x)	3	369						
48	1,515	14	983	3	423								
11	374	8	907	2	(x)	1	(x)	1	2,519	1	(x)		
12	339	9	573	6	1,012	3	1,021	1	(x)				
49	1,000	28	2,007	31	4,846	9	2,833	5	3,283	3	3,903		
2	(x)	2	280	4	722	4	1,304	2	(x)	1	8,108		
113	3,745	51	3,694	47	7,192	22	7,216	19	13,014	6	17,659		
177	6,432	148	10,719	118	18,464	35	12,030	9	9,212	2	(x)	2	(x)
9	284	12	929	5	1,401	2	(x)						

CENSUS OF MANUFACTURES: 1929

TABLE 4.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING

[See note at

	INDUSTRY	TOTAL		ESTABLISHMENTS EMPLOYING—				
		Establishments	Wage earners (average for the year)	No wage earners	1 to 5 wage earners		6 to 20 wage earners	
					Establishments	Wage earners	Establishments	Wage earners
1	Signs and advertising novelties.....	1,239	20,000	21	074	1,867	357	3,902
2	Silk and rayon manufactures.....	1,491	130,467	18	169	524	363	4,473
3	Silversmithing and silverware.....	83	5,007	1	20	54	32	336
4	Smelting and refining, copper.....	26	14,544				1	(x)
5	Smelting and refining, lead.....	19	4,819					
6	Smelting and refining, metals other than gold, silver, or platinum, not from the ore.....	106	4,134	1	40	102	26	277
7	Smelting and refining, zinc.....	30	11,618					
8	Soap.....	282	14,363	4	153	397	71	709
9	Soda-water apparatus.....	54	2,784		20	37	18	214
10	Sporting and athletic goods, not including firearms or ammunition.....	242	10,793	3	74	209	70	796
11	Springs, steel, except wire, not made in plants operated in connection with rolling mills.....	86	5,842	1	10	62	29	305
12	Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.....	582	40,000	1	109	401	173	1,944
13	Stationery goods, not elsewhere classified.....	203	11,078	2	56	173	54	671
14	Statuary and art goods, factory product.....	171	2,112	3	78	242	65	742
15	Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.....	171	7,266	2	72	195	54	670
16	Steam fittings and steam and hot-water heating apparatus.....	240	39,621		47	153	50	571
17	Steel barrels, kegs, and drums.....	53	4,110		3	12	8	92
18	Stereotyping and electrotyping, not done in printing establishments.....	230	6,487	2	41	130	98	1,228
19	Stoves and ranges (other than electric) and warm-air furnaces.....	609	46,616	4	158	561	128	1,550
20	Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.....	1,482	54,947	4	454	1,360	521	6,009
21	Sugar, beet.....	82	7,496					
22	Sugar, cane, not including products of refineries.....	70	2,319		4	14	24	321
23	Sugar refining, cane.....	21	13,912					
24	Surgical and orthopedic appliances, including artificial limbs.....	393	7,910	10	213	569	82	858
25	Suspenders, garters, and other elastic woven goods, made from purchased webbing.....	91	4,341	1	32	70	21	225
26	Tanning materials, natural dyestuffs, mordants and assistants, and sizes.....	126	2,419	1	54	149	37	409
27	Textile machinery and parts.....	376	27,019	2	104	353	139	1,589
28	Theatrical scenery and stage equipment.....	55	547		25	73	25	277
29	Tin and other foils, not including gold foil.....	7	1,710					
30	Tin cans and other tinware, not elsewhere classified.....	232	31,497		31	90	40	520
31	Tobacco: Chewing and smoking, and snuff.....	152	10,811	6	80	193	25	287
32	Tools, not including edge tools, machine tools, files, or saws.....	534	19,305	9	281	712	139	1,508
33	Toys (not including children's wheel goods or sleds), games, and playground equipment.....	476	16,680	8	125	367	171	1,983
34	Trimnings (not made in textile mills) and stamped art goods for embroidering.....	639	7,934	10	297	1,393	250	2,007
35	Trunks, suitcases, and bags.....	407	11,359	6	185	506	151	1,691
36	Turpentine and rosin.....	1,183	40,157		30	86	478	7,890
37	Type founding.....	19	467		11	35	6	432
38	Typewriters and parts.....	26	16,945		1	(x)	1	(x)
39	Umbrellas, parasols, and canes.....	141	2,855		62	177	48	498
40	Upholstering materials, not elsewhere classified.....	53	1,410	1	6	20	32	398
41	Vinegar and cider.....	172	979	2	116	288	44	420
42	Wall paper.....	56	4,705		3	10	9	110
43	Wall plaster, wall board, insulating board, and floor composition.....	236	7,462		114	306	57	670
44	Washing machines, wringers, driers, and ironing machines, for household use.....	65	8,189		12	39	13	151
45	Waste.....	136	3,905		25	80	56	699
46	Watch and clock materials and parts, except watch cases.....	17	311		5	12	8	91
47	Watchcases.....	40	3,404		10	28	14	172
48	Watches and watch movements.....	8	10,738					
49	Whips.....	8	57		5	12	3	45
50	Windmills and windmill towers.....	15	1,554		2	(x)		
51	Window and door screens and weather strip.....	280	4,034	2	163	464	74	741
52	Window shades and fixtures.....	482	4,708	18	355	941	73	721
53	Wire, drawn from purchased bars or rods.....	81	22,467		2	(x)	7	100
54	Wirework, not elsewhere classified.....	547	22,388	8	205	663	171	1,910
55	Wood distillation and charcoal manufacture.....	91	4,048		15	47	26	356
56	Wood preserving.....	199	13,077		23	57	45	539
57	Wood turned and shaped and other wooden goods, not elsewhere classified.....	894	18,712	5	350	1,261	293	3,498
58	Woolen goods.....	400	58,474	4	39	107	48	588
59	Wool pulling.....	18	590		2	(x)	6	70
60	Wool scouring.....	21	1,302				8	93
61	Wool shoddy.....	50	1,762		7	16	17	168
62	Worsted goods.....	264	88,485	2	8	27	13	256
63	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.....	50	11,417		1	(x)	9	125

SIZE OF ESTABLISHMENTS

TO NUMBER OF WAGE EARNERS, BY INDUSTRIES: 1929—Continued

head of table]

ESTABLISHMENTS EMPLOYING—continued													
21 to 50 wage earners		51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more	
Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners
102	3,324	55	3,911	21	3,033	7	3,963	1	(x)	1	(x)		
329	11,048	268	19,564	235	36,799	81	26,497	18	15,878	9	15,684	1	(x)
14	437	7	535	4	706	3	2,639	1	(x)	1	(x)		
1	(x)	1	(x)	7	1,307	6	2,081	7	3,671	4	5,485		
15	485	14	1,043	8	1,495	8	3,324	1	(x)				
				7	1,151	3	1,076						
2	(x)	3	268	9	1,431	10	4,076	5	5,843	1	(x)		
17	565	9	655	11	1,772	12	4,079	2	(x)	3	6,186		
5	161	4	322	4	693	2	1,337	1	(x)				
43	1,350	24	1,661	22	3,401	4	3,256	2	(x)				
13	437	11	804	8	1,290	3	2,344	2	(x)				
126	4,200	65	4,533	67	10,689	29	10,217	11	8,007	1	(x)		
40	1,305	23	1,620	20	2,751	2	(x)	6	4,558				
18	593	0	556	1	(x)			4	2,626				
21	686	8	557	6	947	4	1,585	4	2,026				
29	1,055	28	2,121	48	7,623	25	8,494	6	4,577	6	15,027	1	(x)
17	585	12	893	10	1,572	3	956						
66	2,055	15	1,030	6	2,044	1	(x)	1	(x)				
87	2,983	95	6,916	94	15,011	35	12,185	6	7,401	2	(x)		
270	8,671	121	8,542	78	12,032	25	8,652	5	3,490	4	6,191		
21	761	31	2,293	30	4,442								
30	940	8	535	4	509								
29	873	12	855	3	655	4	1,773	11	7,004	3	3,580		
16	523	11	875	12	1,740	3	3,009	1	(x)	1	(x)		
				8	2,643	1	(x)						
15	488	15	940	4	424								
58	1,902	31	2,172	21	3,445	10	3,716	5	3,429	5	10,413	1	(x)
4	197	1	(x)	2	332	2	(x)	1	(x)				
1	(x)	2	332	2	(x)	1	1,478	9	9,528	2	(x)		
36	1,227	29	2,098	58	9,777	27	9,528	9	3,267	2	(x)		
10	321	10	678	7	1,185	9	3,044	3	5,103	2	(x)		
71	2,370	33	2,385	39	6,241	7	2,391	5	3,098				
90	3,042	37	2,563	38	6,148	6	2,567	1	(x)				
56	1,689	19	1,288	6	1,407			1	(x)				
73	2,285	27	1,981	20	3,171	5	1,725						
618	17,334	123	8,630	30	4,618	3	1,599	1	(x)				
5	168	4	316	3	634	1	(x)	5	4,661	3	11,266	2	(x)
16	481	10	714	5	985	2	(x)						
8	221	2	(x)	4	771								
10	271												
16	605	11	780	13	1,991	4	1,209						
30	1,008	13	891	16	2,140	5	2,447	1	(x)				
11	354	12	847	10	2,099	2	(x)	4	4,699	1	(x)		
36	1,460	14	1,094	5	572								
2	(x)	2	208	2	(x)	1	758	3	2,002				
7	208	3	236	2	(x)			1	(x)	2	10,483	2	(x)
		2	250	1	(x)								
7	267	1	(x)	3	1,287	2	(x)						
23	773	9	645	9	1,411								
18	554	9	649	5	687	4	1,156						
9	308	15	1,124	21	3,223	15	5,455	9	5,857	2	6,400	1	(x)
71	2,388	42	3,117	33	4,879	11	3,534	5	5,891	1	(x)		
25	823	15	1,073	6	1,076	4	1,273						
47	1,702	44	3,358	34	5,538	6	1,838						
154	4,762	56	3,307	26	3,691	5	1,693						
73	2,566	98	7,301	134	21,295	54	17,792	7	4,682	3	4,143		
7	251	2	275	1	(x)								
7	379	2	(x)	3	330	1	(x)						
16	559	6	449	4	570								
32	1,191	31	2,497	31	13,513	53	15,630	23	18,488	13	20,849	3	10,034
11	348	10	723	8	1,883	5	2,280	4	6,058	2	(x)		

CENSUS OF MANUFACTURES: 1929

TABLE 5.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS, BY GEOGRAPHIC DIVISIONS AND STATES: 1929

[The average number of wage earners employed during the year in each establishment is classified as a total according to the customary hours of labor in that establishment, even though a few employees may have worked a larger or a smaller number of hours. In cases where the item for a certain group can not be given separately without disclosing data for individual establishments, it has been combined with that for another group. In such cases an (X) is shown in the column in which the item has been omitted, and the item for the group with which it has been consolidated is printed in *italics*. The figures for the geographic divisions have been adjusted in harmony with those for the States; but in the totals for the United States the data for each establishment are included in the item for the proper group, and therefore these totals differ from the sums of the geographic-division items and of the State items in the respective columns]

DIVISION AND STATE	TOTAL NUMBER OF—		ESTABLISHMENTS EMPLOYING—						
	Establishments	Wage earners (average for the year)	No wage earners	1 to 5 wage earners		6 to 20 wage earners		21 to 50 wage earners	
				Establishments	Wage earners	Establishments	Wage earners	Establishments	Wage earners
UNITED STATES.....	210,959	8,838,743	7,426	95,767	279,734	53,524	595,708	25,022	814,465
GEOGRAPHIC DIVISIONS:									
New England.....	18,272	1,098,514	499	9,808	19,707	4,826	53,740	2,560	84,034
Middle Atlantic.....	64,730	2,662,340	2,633	26,803	70,155	18,233	205,652	8,800	269,092
East North Central.....	46,396	2,642,376	2,093	20,100	51,788	11,142	123,652	6,620	185,212
West North Central.....	17,792	474,115	611	9,696	25,224	4,211	45,884	1,659	53,090
South Atlantic.....	20,860	912,247	413	10,111	30,907	4,692	53,146	2,548	33,500
East South Central.....	9,860	377,870	117	5,325	19,717	2,053	23,110	997	33,128
West South Central.....	10,576	297,743	187	5,347	16,952	2,719	29,668	1,203	38,689
Mountain.....	4,319	102,492	172	2,429	6,241	983	10,571	366	11,471
Pacific.....	18,154	471,246	701	9,248	24,043	4,665	50,276	1,760	56,343
NEW ENGLAND:									
Maine.....	1,568	70,159	19	700	2,170	404	4,289	190	6,352
New Hampshire.....	1,075	65,511	20	412	1,251	261	3,034	155	4,994
Vermont.....	927	27,421	11	398	1,308	266	3,167	139	4,816
Massachusetts.....	9,872	557,494	360	3,592	9,092	2,692	30,154	1,398	46,136
Rhode Island.....	1,701	126,068	30	593	1,720	437	4,815	253	8,108
Connecticut.....	3,129	251,861	69	1,143	3,206	766	8,300	434	14,128
MIDDLE ATLANTIC:									
New York.....	39,395	1,105,966	1,845	17,016	48,708	11,932	134,720	4,802	153,922
New Jersey.....	8,388	442,328	204	3,278	9,370	2,197	24,674	1,186	38,901
Pennsylvania.....	16,947	1,014,046	584	6,517	18,077	4,104	46,258	2,312	76,269
EAST NORTH CENTRAL:									
Ohio.....	11,855	741,143	336	4,729	13,098	3,031	33,408	1,532	50,907
Indiana.....	5,091	814,698	118	2,064	5,997	1,293	14,302	660	22,147
Illinois.....	15,333	691,555	772	6,544	17,240	3,913	43,787	1,903	62,624
Michigan.....	6,686	530,035	213	2,829	7,520	1,621	18,015	819	26,731
Wisconsin.....	7,431	264,745	654	3,934	7,935	1,279	14,140	706	22,803
WEST NORTH CENTRAL:									
Minnesota.....	4,315	103,414	154	2,435	6,251	954	10,300	394	12,680
Iowa.....	3,317	81,678	110	1,820	4,750	791	8,706	293	9,562
Missouri.....	5,795	202,879	193	2,720	7,610	1,459	10,167	629	20,215
North Dakota.....	373	4,024	14	239	595	81	843	23	750
South Dakota.....	615	6,535	20	438	1,001	116	1,268	27	853
Nebraska.....	1,491	28,212	60	875	2,258	345	3,521	115	3,046
Kansas.....	1,016	47,373	49	1,069	2,788	465	6,079	173	5,390
SOUTH ATLANTIC:									
Delaware.....	460	23,552	7	199	501	122	1,312	48	1,574
Maryland.....	3,231	131,090	69	1,375	4,173	881	9,687	418	13,725
District of Columbia.....	547	6,752	95	222	650	131	1,434	61	1,841
Virginia.....	3,287	120,273	53	1,785	6,043	761	8,237	297	9,600
West Virginia.....	1,433	85,326	32	695	2,105	307	3,387	131	5,066
North Carolina.....	3,797	206,826	35	1,012	7,071	714	8,306	384	12,900
South Carolina.....	1,659	103,777	10	335	4,134	335	3,976	132	5,332
Georgia.....	4,179	158,774	62	1,978	9,876	920	10,760	641	20,792
Florida.....	2,212	64,868	25	1,102	5,261	521	6,847	336	11,210
EAST SOUTH CENTRAL:									
Kentucky.....	2,246	77,825	44	1,221	3,568	489	5,433	222	7,374
Tennessee.....	2,855	128,400	41	1,454	4,721	585	6,360	286	9,499
Alabama.....	2,843	110,559	23	1,544	6,844	574	6,310	300	9,955
Mississippi.....	1,911	52,086	9	1,106	4,584	405	4,507	189	6,300
WEST SOUTH CENTRAL:									
Arkansas.....	1,731	44,205	24	977	3,693	365	4,007	198	6,636
Louisiana.....	1,989	87,345	35	815	2,620	512	5,854	271	8,916
Oklahoma.....	1,658	31,695	33	880	2,538	477	4,960	158	4,892
Texas.....	5,198	134,498	95	2,675	8,101	1,365	14,847	576	18,145
MOUNTAIN:									
Montana.....	589	14,869	22	336	867	138	1,418	43	1,320
Idaho.....	562	15,648	20	351	835	105	1,087	50	1,553
Wyoming.....	248	6,258	10	162	378	44	458	13	417
Colorado.....	1,548	32,890	65	844	2,152	386	4,230	129	3,976
New Mexico.....	250	4,476	5	165	475	48	516	17	522
Arizona.....	348	10,550	11	172	458	102	1,111	33	1,039
Utah.....	651	15,001	32	338	902	134	1,472	71	2,345
Nevada.....	123	2,200	7	71	174	26	284	10	299
PACIFIC:									
Washington.....	3,672	114,830	109	1,772	4,795	947	10,264	403	13,097
Oregon.....	2,463	65,505	104	1,300	3,244	609	6,571	214	6,843
California.....	12,019	290,911	488	6,176	10,004	3,109	33,441	1,143	36,403

SIZE OF ESTABLISHMENTS

TABLE 5.—WAGE EARNERS IN ESTABLISHMENTS CLASSIFIED ACCORDING TO NUMBER OF WAGE EARNERS, BY GEOGRAPHIC DIVISIONS AND STATES: 1929—Continued

[See headnote on first page of this table]

DIVISION AND STATE	ESTABLISHMENTS EMPLOYING—											
	51 to 100 wage earners		101 to 250 wage earners		251 to 500 wage earners		501 to 1,000 wage earners		1,001 to 2,500 wage earners		2,501 wage earners or more	
	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners	Estab-lish-ments	Wage earners
UNITED STATES.....	12,467	891,671	10,105	1,689,040	3,840	1,331,145	1,722	1,176,991	790	1,144,735	206	1,015,254
GEOGRAPHIC DIVISIONS:												
New England.....	1,379	99,353	1,263	196,139	506	177,260	264	180,245	134	210,214	24	71,813
Middle Atlantic.....	4,038	286,024	2,952	455,568	1,050	362,406	441	302,037	221	322,494	59	282,012
East North Central.....	2,983	215,460	2,635	409,493	1,012	355,465	485	333,437	230	335,328	96	532,341
West North Central.....	800	50,190	578	90,564	202	70,554	84	57,410	48	75,187	3	(x)
South Atlantic.....	1,221	87,804	1,101	178,208	483	167,550	204	138,001	74	109,834	13	51,331
East South Central.....	572	41,250	497	78,601	184	64,547	76	51,773	35	55,997	4	10,041
West South Central.....	509	30,032	409	63,522	131	42,537	55	39,591	11	17,200	5	13,652
Mountain.....	106	11,561	130	20,733	43	16,602	24	21,197	5	4,110	1	(x)
Pacific.....	799	57,091	630	97,267	229	77,699	89	59,758	32	48,769	1	(x)
NEW ENGLAND:												
Maine.....	100	7,018	94	13,592	35	12,022	18	12,607	7	12,040	1	(x)
New Hampshire.....	74	5,301	104	10,309	31	10,517	11	7,785	5	16,320	2	(x)
Vermont.....	51	3,818	48	6,786	7	2,010	6	5,480	1	(x)		
Massachusetts.....	770	55,397	605	94,272	251	87,377	136	91,071	69	104,688	9	37,137
Rhode Island.....	152	10,304	138	22,030	77	26,717	31	20,049	18	31,825	2	(x)
Connecticut.....	232	16,516	274	43,150	105	38,017	62	42,347	34	51,432	10	34,070
MIDDLE ATLANTIC:												
New York.....	1,918	135,780	1,226	185,526	394	134,655	161	110,095	83	117,905	18	84,655
New Jersey.....	660	46,537	539	83,693	194	68,686	87	50,804	41	62,414	10	48,180
Pennsylvania.....	1,460	104,607	1,187	180,349	462	159,065	198	132,078	97	142,175	31	149,168
EAST NORTH CENTRAL:												
Ohio.....	868	62,422	798	122,917	312	109,021	161	110,423	67	98,241	23	140,108
Indiana.....	376	27,614	348	58,540	122	42,180	62	41,240	32	40,594	11	61,060
Illinois.....	949	68,293	776	119,846	271	96,102	129	89,551	52	77,895	24	116,127
Michigan.....	451	32,801	406	63,459	181	63,427	87	60,885	49	72,410	30	184,778
Wisconsin.....	339	24,330	309	40,725	126	44,036	40	31,320	30	40,170	8	30,268
WEST NORTH CENTRAL:												
Minnesota.....	175	12,403	134	20,702	41	13,488	16	10,548	12	17,042		
Iowa.....	153	11,331	88	13,410	25	8,330	18	12,789	8	12,800	1	(x)
Missouri.....	341	23,714	257	41,157	99	34,557	42	28,957	19	36,602	1	(x)
North Dakota.....	10	705	5	1,100	1	(x)						
South Dakota.....	6	455	5	813	2	2,145			1	(x)		
Nebraska.....	40	2,376	35	5,081	8	2,654	3	1,995	4	6,181		
Kansas.....	70	4,706	54	8,241	26	9,380	5	3,127	4	3,662	1	(x)
SOUTH ATLANTIC:												
Delaware.....	30	2,257	33	5,655	12	4,242	6	4,122	3	3,799		
Maryland.....	226	15,997	150	23,909	49	17,499	35	23,570	5	7,160	3	15,176
District of Columbia.....	17	1,153	16	2,303	4	2,293	1	(x)				
Virginia.....	154	11,025	129	20,899	00	19,857	21	13,688	6	7,772	6	23,352
West Virginia.....	88	6,573	103	17,924	45	15,175	22	14,531	8	19,066	1	(x)
North Carolina.....	249	18,546	322	52,602	117	40,990	40	25,890	21	25,658	3	17,803
South Carolina.....	32	5,726	85	14,576	79	28,607	39	28,928	12	10,593		
Georgia.....	209	13,943	181	23,537	84	27,809	31	21,732	15	20,363		
Florida.....	106	7,559	77	11,940	32	11,032	9	6,480	4	3,479		
EAST SOUTH CENTRAL:												
Kentucky.....	129	8,179	93	15,102	26	9,225	18	12,534	5	6,360	3	10,041
Tennessee.....	200	14,336	135	30,131	64	22,037	21	13,795	13	26,671	1	(x)
Alabama.....	104	12,190	142	22,018	60	20,105	26	17,980	15	22,757		
Mississippi.....	88	6,551	69	10,450	34	12,230	11	7,464				
WEST SOUTH CENTRAL:												
Arkansas.....	73	5,209	70	10,607	12	4,521	11	6,532	1	(x)		
Louisiana.....	139	9,952	139	22,073	52	15,615	23	15,337	2	6,828	1	(x)
Oklahoma.....	56	3,016	30	4,672	16	5,107	7	5,610	1	(x)		
Texas.....	241	16,955	170	26,170	51	17,294	14	9,062	7	10,272	4	13,652
MOUNTAIN:												
Montana.....	20	1,412	15	2,414	10	3,329	4	4,111	1	(x)		
Idaho.....	13	888	10	1,491	4	1,383	6	4,290	3	4,110		
Wyoming.....	12	853	13	2,071	3	2,037	1	(x)				
Colorado.....	58	3,985	50	7,589	11	4,156	3	6,302	1	(x)	1	(x)
New Mexico.....	5	364	5	678	4	1,397	1	(x)				
Arizona.....	12	875	8	1,510	6	2,274	4	3,283				
Utah.....	41	2,828	27	3,893	4	1,453	4	2,708				
Nevada.....	5	356	2	1,037	1	(x)	1	(x)				
PACIFIC:												
Washington.....	172	12,447	170	26,929	72	23,424	22	15,259	5	8,615		
Oregon.....	100	7,296	74	11,798	44	15,451	14	9,841	4	4,451		
California.....	527	37,348	386	58,540	113	38,814	53	34,658	23	55,703	1	(x)

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED

[In cases where the item for a certain group can not be given separately without disclosing data for individual establishments, it has been combined with that for another *italics*. In the totals for all industries the data for each establishment are included in the item for the group in which

	NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—						
	Total	\$5,000 to \$10,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999
ALL INDUSTRIES							
1 All industries, total.....	210,050	69,423	46,618	28,607	28,704	15,449	10,395
2 Agricultural implements.....	293	76	47	40	46	20	13
3 Aircraft and parts.....	132	21	20	24	22	7	16
4 Alcohol, ethyl, and distilled liquors.....	30	23	25	3	3	3	2
5 Aluminum manufactures.....	150	23	25	24	24	14	13
6 Ammunition and related products.....	21	1	1	2	4	3	1
7 Artificial and preserved flowers and plants.....	191	60	59	37	21	11	2
8 Artificial leather.....	17	1	1	1	1	1	4
9 Artists' materials.....	68	22	21	10	6	3	3
10 Asbestos products, other than steam packing and pipe and boiler covering.....	67	6	13	7	8	9	7
11 Asphalted-felt-base floor covering.....	14	1	1	1	1	1	4
12 Awnings, tents, sails, and canvas covers.....	1,002	476	287	184	79	16	9
13 Bags, other than paper, not made in textile mills.....	202	22	34	21	36	16	19
14 Bags, paper, exclusive of those made in paper mills.....	95	5	7	8	11	24	19
15 Baking powders, yeast, and other leavening compounds.....	49	11	3	1	6	7	9
16 Baskets and rattan and willow ware, not including furniture.....	273	70	74	65	42	19	3
17 Belting other than leather and rubber, not made in textile mills.....	9	2	2	1	1	1	4
18 Belting, leather.....	207	47	67	34	30	12	3
19 Beverages.....	5,154	2,727	1,420	599	254	93	36
20 Blacking, stains, and dressings.....	170	59	49	25	24	5	5
21 Bluing.....	20	9	5	3	1	2	2
22 Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.....	117	9	9	7	20	22	22
23 Bone black, carbon black, and lampblack.....	77	2	12	14	24	13	7
24 Bookbinding and blank-book making.....	1,108	468	302	144	109	47	22
25 Boot and shoe cut stock, not made in boot and shoe factories.....	210	39	36	32	32	24	28
26 Boot and shoe findings, not made in boot and shoe factories.....	382	72	82	67	99	45	7
27 Boots and shoes, other than rubber.....	1,341	110	141	132	245	238	215
28 Boxes, cigar, wooden.....	118	39	25	19	20	12	2
29 Boxes, paper, not elsewhere classified.....	1,249	105	255	298	336	144	87
30 Boxes, wooden, except cigar boxes.....	792	162	141	146	177	109	43
31 Bread and other bakery products.....	20,785	10,458	6,142	2,023	1,149	469	317
32 Brooms.....	407	188	126	52	30	8	2
33 Brushes, other than rubber.....	303	113	74	36	40	19	5
34 Butter.....	3,527	271	598	936	1,093	324	210
35 Buttons.....	242	73	59	46	30	20	11
36 Candles.....	20	2	3	1	7	3	3
37 Canning and preserving: Fish, crabs, shrimps, oysters, and clams.....	348	54	66	62	89	38	22
38 Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	2,997	747	604	505	575	252	173
39 Car and general construction and repairs, electric-railroad repair shops.....	446	126	110	81	65	32	18
40 Car and general construction and repairs, steam-railroad repair shops.....	1,851	205	212	216	341	320	237
41 Carbon paper and inked ribbons.....	57	9	15	8	9	4	5
42 Cardboard, not made in paper mills.....	13	2	2	3	3	1	3
43 Card cutting and designing.....	70	12	12	14	14	7	5
44 Carpets and rugs, rag.....	94	59	23	5	5	1	1
45 Carpets and rugs, wool, other than rag.....	67	1	3	5	8	10	11
46 Carriage, wagon, sleigh, and sled materials.....	45	16	13	9	6	1	1
47 Carriages and sleds, children's.....	79	10	7	14	21	12	8
48 Carriages, wagons, sleighs, and sleds.....	88	14	19	16	19	13	5
49 Cars, electric and steam railroad, not built in railroad repair shops.....	147	0	10	18	23	22	14
50 Cash registers and adding, calculating, and card-tabulating machines.....	46	12	6	4	3	7	2
51 Caskets, coffins, burial cases, and other morticians' goods.....	414	64	76	73	113	47	24
52 Cast-iron pipe.....	72	1	1	1	12	22	13
53 Cement.....	174	3	2	3	4	13	40
54 Cereal preparations.....	121	26	18	14	16	11	12
55 Cheese.....	2,758	781	1,514	355	81	18	5
56 Chemicals, not elsewhere classified.....	551	39	51	49	97	88	81
57 Chewing gum.....	37	6	5	6	9	2	1
58 China firing and decorating, not done in potteries.....	27	11	7	4	4	1	1
59 Chocolate and cocoa products, not including confectionery.....	59	2	2	6	16	16	16
60 Cigars and cigarettes.....	1,636	939	241	127	116	77	39
61 Clay products (other than pottery) and nonclay refractories.....	1,749	371	326	288	419	238	72
62 Cleaning and polishing preparations.....	429	189	104	47	60	20	9
63 Clocks, clock movements, time-recording devices, and time stamps.....	56	10	10	6	10	4	6
64 Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.....	3,691	869	783	555	729	378	226
65 Clothing, men's, buttonholes.....	32	23	7	2	2	2	2
66 Clothing, women's, not elsewhere classified.....	8,082	1,083	2,222	1,485	1,481	962	581
67 Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.....	511	61	73	89	134	77	49
68 Cloth sponging and refinishing.....	46	6	12	19	7	2	2
69 Coffee and spice, roasting and grinding.....	928	111	153	160	189	133	79
70 Coke, not including gas-house coke.....	153	6	14	16	17	15	9
71 Collapsible tubes.....	17	1	1	3	3	6	2
72 Combs and hairpins, not made from metal or rubber.....	24	3	9	2	8	1	1
73 Compressed and liquefied gases.....	354	29	48	85	131	52	8
74 Concrete products.....	2,438	1,423	576	250	151	22	14
75 Condensed and evaporated milk.....	535	56	73	84	100	75	93
76 Confectionery.....	2,021	728	467	242	267	143	99

SIZE OF ESTABLISHMENTS

ACCORDING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929

group. In such cases an (x) is shown in the column in which the item has been omitted, and the item for the group with which it has been consolidated is printed in the establishment properly belongs, and therefore the totals differ from the sums of the items in the respective columns]

NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—continued			WAGE EARNERS (AVERAGE FOR THE YEAR) IN ESTABLISHMENTS WITH PRODUCTS VALUED AT—										
\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	
7,430	2,479	1,854	8,838,743	202,968	315,912	377,243	778,886	894,097	1,121,547	1,600,221	1,000,653	2,442,326	1
13	12	17	41,693	252	341	564	1,233	1,072	1,592	3,111	5,900	26,693	2
12	9	1	14,710	61	172	558	909	462	2,240	2,747	7,501	(x)	3
13	4	2	1,484	(x)	(x)	34	41	110	(x)	597	702	(x)	4
12	6	9	21,210	71	143	353	507	320	1,404	2,933	(x)	14,013	5
3	3	3	7,223	(x)	42	(x)	100	221	(x)	703	1,074	4,483	6
1			3,216	227	557	715	943	553	(x)	516	(x)	(x)	7
7	3	1	2,590				(x)	(x)	89	262	1,636	(x)	8
3			1,167	53	138	102	157	113	692	615	(x)	(x)	9
11	4	2	8,092	12	66	73	172	545	745	2,738	3,741	(x)	10
3	3	2	2,345				(x)	(x)	459	410	1,476	(x)	11
1			7,162	1,215	1,440	1,323	1,419	781	978	(x)	(x)	(x)	12
1			11,828	60	250	276	807	551	1,218	3,089	4,014	967	13
30	21	3	6,970	24	53	134	289	911	1,000	2,740	1,129	(x)	14
17	4		3,006	16	10	(x)	99	132	470	585	1,685	(x)	15
4	5	2	9,353	330	1,169	1,913	2,024	2,605	712				16
			255	(x)	14		(x)		241				17
8	1		2,602	78	209	180	370	276	410	1,079	(x)	(x)	18
16	6	1	28,281	4,344	5,653	4,671	4,311	2,902	2,412	2,427	1,601	(x)	19
1	2		1,617	87	124	104	265	110	287	(x)	640	(x)	20
			105	18	26	14	(x)	47					21
18	6	4	10,175	29	56	87	455	1,136	2,191	3,951	3,275	4,905	22
5			1,915	(x)	55	110	384	354	501	511			23
12	4		24,754	1,510	2,890	2,778	4,383	4,069	3,108	3,844	2,174		24
9	5	5	9,499	111	291	385	743	802	1,090	727	1,789	3,500	25
			10,376	225	594	1,066	3,162	2,792	663	1,874			26
182	56	22	205,640	428	1,543	2,715	10,639	20,029	35,497	61,307	36,692	36,140	27
41			4,374	188	358	564	1,109	1,394	791	(x)	(x)	(x)	28
1	12	1	55,654	528	2,947	5,753	13,471	10,058	9,982	7,105	6,210	(x)	29
12	2		30,554	643	1,303	2,447	7,202	8,928	6,234	3,797	(x)	(x)	30
177	41	9	200,841	10,896	29,041	20,484	25,204	21,522	28,034	28,382	27,878	(x)	31
11			4,542	558	890	820	1,066	542	666	(x)	(x)	(x)	32
11	2		7,261	310	534	445	1,027	1,030	574	5,341	(x)	(x)	33
104	18	3	19,097	177	736	2,040	4,360	2,912	3,775	3,464	1,633	(x)	34
3			9,034	355	824	1,424	1,520	2,122	2,173	616			35
1			781	(x)	30	(x)	142	156	453	(x)			36
13	4		13,612	262	778	1,207	4,079	1,627	1,899	2,162	1,598		37
104	28	9	98,806	3,006	5,154	7,642	16,898	12,938	16,775	20,148	9,182	7,123	38
8	3	3	29,476	673	1,465	2,383	3,902	3,843	4,381	4,181	1,847	6,800	39
227	66	27	368,681	897	2,770	5,726	19,182	39,206	56,912	110,335	66,632	67,021	40
7			1,251	15	55	49	107	72	277	676			41
2			609	(x)	24		80	(x)	505	(x)			42
5	1		2,338	40	75	267	332	343	496	786	(x)	(x)	43
			1,529	227	215	114	973	(x)			(x)	(x)	44
10	10	9	32,623	(x)	34	82	338	633	1,511	2,902	4,842	22,221	45
			681	42	128	188	323	(x)					46
5	2		7,102	34	60	298	804	869	1,305	5,732	(x)	(x)	47
2			2,873	40	170	299	754	678	632	(x)			48
25	12	17	40,015	40	114	368	315	1,793	1,749	7,541	6,168	21,467	49
5	5	2	16,840	27	61	30	52	1,209	(x)	1,699	(x)	13,762	50
14	3		13,033	192	484	959	3,028	2,423	2,344	2,417	1,186		51
12	9	2	19,741	(x)		(x)	725	2,738	2,639	4,722	3,617	(x)	52
87	19	3	33,368	16	(x)	60	202	698	3,997	17,039	11,156	(x)	53
12	5	7	6,483	43	51	75	150	204	276	584	599	4,506	54
3	1		3,401	469	1,259	600	439	261	127	256	(x)	(x)	55
76	34	36	62,199	82	257	436	1,397	2,609	5,168	10,104	10,360	31,756	56
4		4	2,295	20	32	72	151	108	(x)	347		1,540	57
			317	31	59	66	161	(x)					58
10	5	4	6,249		(x)		120	258	594	874	979	3,424	59
53	21	23	105,308	2,862	2,707	3,458	6,950	9,999	9,443	20,675	16,453	32,771	60
28	7		93,336	2,290	4,397	8,694	23,596	24,675	14,257	10,454	4,503		61
7	2	1	2,713	270	231	247	429	439	249	567	281	(x)	62
5	3	2	10,401	56	68	111	322	302	622	1,574	(x)	7,346	63
102	32	17	149,868	5,989	10,946	11,350	19,512	19,372	20,406	21,802	16,998	23,493	64
			202	110	132	(x)							65
287	27	4	187,500	7,995	27,229	25,389	33,660	36,427	32,267	22,577	1,862	94	66
24	4		38,201	463	1,053	2,378	7,012	7,872	8,740	8,566	2,117		67
			902	16	108	328	450	(x)					68
65	23	10	9,053	86	274	434	1,063	1,218	1,564	2,484	1,278	652	69
23	23	31	20,552	49	57	196	368	569	955	2,412	4,079	11,867	70
4			1,821	(x)		(x)	188	685	(x)	948			71
			656	10	130	(x)	516	(x)					72
1			3,390	61	187	507	1,346	991	318	(x)			73
2			16,505	3,279	3,489	3,108	4,055	921	1,653	(x)			74
49	4	1	7,065	52	129	284	615	1,103	2,343	2,193	371	(x)	75
52	15	8	63,501	1,789	2,825	3,406	7,799	9,277	11,971	12,014	6,334	7,586	76

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED

[See note at

ALL INDUSTRIES		VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—							
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1	All industries, total.....	70,434,803,443	771,417,436	1,497,191,175	2,090,506,101	4,568,003,828	5,455,677,825	7,294,860,945	11,384,840,599
2	Agricultural implements.....	277,854,462	880,047	1,630,764	2,804,073	7,134,027	10,029,355	9,010,950	19,818,892
3	Aircraft and parts.....	71,152,924	274,326	620,983	1,640,878	3,872,208	2,471,510	11,217,235	18,023,527
4	Alcohol, ethyl, and distilled liquors.....	54,284,665	(x)	(x)	210,144	509,349	2,469,736	(x)	20,386,700
5	Aluminum manufactures.....	153,457,248	286,381	818,791	1,767,877	3,584,032	4,778,714	9,126,519	19,318,078
6	Ammunition and related products.....	43,808,520	(x)	(x)	530,812	1,987,956	(x)	(x)	3,977,022
7	Artificial and preserved flowers and plants.....	14,425,420	702,755	1,814,532	2,624,594	3,311,515	3,343,135	2,688,889	(x)
8	Artificial leather.....	32,961,252	(x)	(x)	(x)	(x)	(x)	(x)	11,097,469
9	Artists' materials.....	9,459,565	308,700	609,151	746,628	905,116	807,967	1,987,220	4,094,783
10	Asbestos products, other than steam packing and pipe and boiler covering.....	56,104,036	55,313	446,012	482,085	1,354,564	3,741,363	5,451,366	17,657,712
11	Asphalted-felt-base floor covering.....	31,888,062	(x)	(x)	(x)	(x)	(x)	(x)	4,870,749
12	Awnings, tents, sails, and canvas covers.....	49,237,576	5,657,170	9,172,400	9,453,232	11,409,990	5,684,210	7,860,565	(x)
13	Bags, other than paper, not made in textile mills.....	170,175,893	219,514	1,150,350	1,445,394	5,510,537	6,096,852	13,510,454	51,864,331
14	Bags, paper, exclusive of those made in paper mills.....	64,621,192	54,355	266,332	689,868	1,757,775	8,685,874	13,774,869	25,764,149
15	Baking powders, yeast, and other leavening compounds.....	52,336,812	109,249	148,670	(x)	982,828	2,200,192	6,256,470	8,110,194
16	Baskets and rattan and willow ware, not including furniture.....	22,851,043	715,145	2,401,046	4,586,863	6,090,966	6,452,431	2,003,992	(x)
17	Belting other than leather and rubber, not made in textile mills.....	2,788,627	(x)	104,905	(x)	(x)	(x)	2,683,722	(x)
18	Belting, leather.....	35,631,682	617,951	2,071,296	2,472,136	4,704,886	4,097,432	5,470,494	16,107,437
19	Beverages.....	270,323,803	30,337,831	44,181,110	41,056,531	37,984,584	32,163,287	25,213,222	29,034,985
20	Blacking, stains, and dressings.....	24,681,836	701,256	1,032,289	1,699,118	3,980,497	1,713,169	3,613,561	(x)
21	Bluing.....	1,364,510	89,184	134,088	252,771	(x)	(x)	(x)	(x)
22	Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.....	102,392,090	136,205	290,648	579,896	3,459,387	7,640,267	14,835,031	27,510,048
23	Bone black, carbon black, and lampblack.....	20,169,722	(x)	309,117	710,639	4,017,498	4,589,093	4,588,482	5,954,023
24	Bookbinding and blank-book making.....	102,733,405	5,152,451	9,552,340	10,477,763	16,418,340	15,948,982	15,562,788	17,268,006
25	Boot and shoe cut stock, not made in boot and shoe factories.....	133,447,914	429,278	1,180,802	2,888,692	5,588,782	9,018,807	18,859,172	16,235,005
26	Boot and shoe findings, not made in boot and shoe factories.....	58,625,445	912,732	2,698,644	4,859,810	16,106,327	14,995,392	4,828,211	14,254,270
27	Boots and shoes, other than rubber.....	995,922,694	1,237,745	4,791,415	9,597,384	41,300,324	86,194,044	151,151,806	286,372,828
28	Boxes, cigar, wooden.....	12,459,425	421,904	849,278	1,377,256	3,223,096	4,012,877	2,544,987	(x)
29	Boxes, paper, not elsewhere classified.....	204,253,296	1,352,331	8,819,733	19,810,110	52,573,635	49,956,931	60,142,297	59,446,839
30	Boxes, wooden, except cigar boxes.....	135,025,675	1,005,558	4,547,321	10,377,013	28,801,680	37,941,073	29,491,025	21,960,285
31	Bread and other bakery products.....	1,523,110,811	111,721,785	189,180,552	161,946,760	176,112,845	162,391,619	221,269,582	203,811,594
32	Brooms.....	19,166,353	2,146,873	4,129,060	3,454,102	4,545,184	2,584,493	2,306,641	(x)
33	Brushes, other than rubber.....	45,549,270	1,272,510	2,371,541	2,602,440	5,823,075	6,799,449	4,839,723	21,960,526
34	Butter.....	746,417,620	3,493,608	21,165,940	68,817,702	105,152,405	111,103,972	146,983,193	149,431,149
35	Buttons.....	28,977,919	775,157	1,788,325	3,208,996	4,458,752	7,208,752	8,129,382	3,350,555
36	Candles.....	6,686,194	89,361	(x)	(x)	1,054,853	1,085,263	4,446,694	(x)
37	Canning and preserving: Fish, crabs, shrimps, oysters, and clams.....	80,848,513	622,410	2,192,171	4,387,250	14,133,424	13,557,137	15,638,850	17,930,607
38	Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	750,342,041	8,546,900	10,881,694	36,619,523	91,724,020	87,236,327	118,117,186	162,468,760
39	Car and general construction and repairs, electric-railroad repair shops.....	85,481,577	1,483,220	3,574,498	5,724,746	10,355,926	10,251,475	12,918,444	12,346,292
40	Car and general construction and repairs, steam-railroad repair shops.....	1,184,435,262	2,279,817	7,464,151	15,671,949	55,833,285	114,760,496	168,350,704	346,976,580
41	Carbon paper and inked ribbons.....	17,295,140	103,197	520,476	569,664	1,299,549	1,364,900	3,582,200	9,855,034
42	Cardboard, not made in paper mills.....	5,629,498	96,388	(x)	(x)	826,455	(x)	4,712,715	(x)
43	Card cutting and designing.....	19,048,170	162,807	462,709	1,009,015	2,016,323	2,424,759	3,113,541	10,469,376
44	Carpets and rugs, rag.....	5,510,768	616,442	700,172	350,011	3,784,143	(x)	(x)	(x)
45	Carpets and rugs, wool, other than rag.....	176,915,364	98,546	340,960	1,521,443	3,222,572	7,922,600	17,238,603	(x)
46	Carriage, wagon, sleigh, and sled materials.....	2,792,228	171,857	396,727	642,150	1,581,494	(x)	(x)	(x)
47	Carriages and sleds, children's.....	28,817,860	123,208	196,803	1,034,263	3,483,142	4,306,127	5,150,629	14,512,623
48	Carriages, wagons, sleighs, and sleds.....	16,449,879	101,153	655,590	1,158,022	3,280,321	4,407,415	6,787,378	(x)
49	Cars, electric and steam railroad, not built in railroad repair shops.....	328,220,204	64,469	368,796	1,251,877	3,635,491	7,837,807	10,274,313	42,139,067
50	Cash registers and adding, calculating, and card-tabulating machines.....	110,000,986	141,644	235,800	269,746	324,823	4,342,808	(x)	9,528,821
51	Caskets, coffins, burial cases, and other morticians' goods.....	88,281,872	762,535	2,500,200	5,436,354	18,784,779	16,804,763	15,453,747	19,318,261
52	Cast-iron pipe.....	80,290,550	(x)	(x)	(x)	1,904,960	7,931,039	9,059,035	19,256,520
53	Cement.....	267,509,260	35,766	(x)	287,637	826,352	5,119,328	30,263,285	141,256,767
54	Cereal preparations.....	175,223,126	359,097	588,789	926,487	2,949,948	4,235,708	3,808,782	17,635,762
55	Cheese.....	110,644,732	11,122,272	48,295,618	22,404,368	11,899,773	5,649,151	3,189,746	8,083,804
56	Chemicals, not elsewhere classified.....	738,048,386	406,624	1,794,566	3,705,783	15,999,234	30,852,578	59,240,222	123,903,439
57	Chewing gum.....	60,100,126	74,523	158,196	454,849	1,280,569	1,254,514	(x)	6,162,965
58	China firing and decorating, not done in potteries.....	1,554,093	118,367	242,869	321,919	870,848	(x)	(x)	(x)
59	Chocolate and cocoa products, not including confectionery.....	119,540,693	(x)	(x)	(x)	1,018,509	5,976,270	11,865,671	14,797,177
60	Cigars and cigarettes.....	1,066,908,888	9,134,213	7,645,039	9,198,091	10,100,574	27,911,372	28,428,058	83,739,615
61	Clay products (other than pottery) and nonclay refractories.....	294,934,513	4,268,867	11,352,068	21,232,631	67,505,333	81,960,156	46,331,973	40,170,011
62	Cleaning and polishing preparations.....	50,779,632	2,006,624	3,159,638	3,368,299	7,522,458	6,628,368	5,596,243	10,345,218
63	Clocks, clock movements, time-recording devices, and time stamps.....	42,165,875	183,826	345,834	401,482	1,823,739	1,591,369	4,035,827	7,150,389
64	Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.....	901,104,205	9,484,569	25,023,196	49,443,330	114,023,326	132,948,024	157,600,469	159,847,477
65	Clothing, men's, buttonholes.....	573,909	235,829	538,030	(x)	(x)	(x)	(x)	(x)
66	Clothing, women's, not elsewhere classified.....	1,709,580,505	14,881,193	72,745,963	102,745,370	239,651,424	340,290,275	394,043,726	421,803,470
67	Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.....	138,450,578	746,989	2,533,702	6,727,337	22,179,399	27,321,964	33,071,335	33,155,423
68	Cloth sponging and refinishing.....	3,361,221	71,230	433,268	1,323,734	1,532,989	(x)	(x)	(x)
69	Coffee and spice, roasting and grinding.....	424,344,837	1,303,095	5,549,811	11,784,903	31,113,938	40,168,791	56,618,558	106,655,043
70	Coal, not including gas-house coal.....	416,348,453	93,910	351,093	587,348	2,692,467	5,311,120	6,665,443	39,298,542
71	Collapsible tubes.....	8,912,977	(x)	(x)	(x)	709,106	5,844,633	(x)	4,650,238
72	Combs and hairpins, not made from metal or rubber.....	2,432,410	38,203	585,753	(x)	1,918,483	(x)	(x)	(x)
73	Compressed and liquefied gases.....	52,189,779	415,119	1,702,723	6,177,857	20,014,882	17,805,186	6,074,018	(x)
74	Concrete products.....	92,900,749	15,088,962	17,620,414	17,620,414	22,733,962	7,219,266	12,944,896	(x)
75	Condensed and evaporated milk.....	209,109,700	712,688	2,506,460	6,028,011	15,672,558	27,093,241	66,282,736	72,804,245
76	Confectionery.....	393,269,849	8,154,400	14,844,540	17,269,067	42,109,963	50,423,271	71,393,406	73,913,146

SIZE OF ESTABLISHMENTS

ACCORDING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT— continued		VALUE ADDED BY MANUFACTURE FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—											
\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over		
Dollars 8, 878, 377, 542	Dollars 23, 793, 897, 992	Dollars 31, 885, 283, 711	Dollars 479, 142, 928	Dollars 884, 460, 351	Dollars 1,199,544,279	Dollars 2,415,606,858	Dollars 2,769,019,622	Dollars 3,541,214,231	Dollars 5,390,380,315	Dollars 4,036,706,414	Dollars 11,179,118,813		
47,064,813	179,474,636	103,884,978	553,309	985,326	1,061,013	4,551,857	5,767,990	5,656,537	11,449,013	27,451,166	105,808,708	1	
83,026,857	(x)	43,784,821	175,848	362,632	1,032,464	2,407,075	1,548,336	5,571,933	10,790,266	21,896,317	(x)	2	
30,618,737	(x)	19,238,602	(x)	102,035	202,270	871,358	(x)	(x)	6,073,601	11,380,338	(x)	3	
10,573,386	113,787,159	59,420,785	108,679	602,562	923,546	1,872,247	2,206,901	4,498,093	9,435,268	(x)	39,723,429	4	
18,302,589	26,603,783	23,966,855	(x)	79,990	(x)	337,215	1,043,020	(x)	2,241,795	6,016,069	14,249,176	5	
20,975,621	(x)	8,897,969	484,100	1,240,880	1,675,335	1,947,666	1,852,734	1,697,085	(x)	(x)	(x)	6	
28,425,496	(x)	10,093,314	(x)	(x)	(x)	(x)	(x)	1,112,894	2,975,480	6,604,934	(x)	7	
70,201,998	20,172,463	5,804,248	199,958	380,851	462,383	551,058	358,287	957,501	2,394,210	(x)	(x)	8	
13,077,970	(x)	30,756,034	30,893	265,120	308,056	663,658	1,739,949	3,408,868	8,890,402	15,449,118	(x)	9	
34,436,309	(x)	17,610,157	(x)	(x)	(x)	(x)	(x)	1,528,772	2,132,854	15,948,681	(x)	10	
(x)	(x)	23,909,436	3,113,108	5,176,185	5,117,674	5,323,464	2,114,501	3,064,504	(x)	(x)	(x)	11	
(x)	(x)	25,900,416	107,215	555,787	549,461	1,694,656	1,574,606	2,951,285	8,165,649	9,012,792	1,398,964	12	
(x)	(x)	10,330,602	35,068	101,032	313,726	825,891	3,270,417	4,390,199	7,380,384	5,066,083	(x)	13	
(x)	(x)	29,738,434	56,123	53,769	(x)	375,560	1,321,703	3,045,418	4,084,336	20,796,463	(x)	14	
(x)	(x)	14,030,877	457,467	1,543,369	2,772,763	4,267,920	3,851,048	1,147,720	(x)	(x)	(x)	15	
(x)	(x)	1,460,537	(x)	43,564	(x)	(x)	(x)	1,416,978	(x)	(x)	(x)	16	
(x)	(x)	14,951,904	342,010	971,435	1,130,870	1,868,123	1,868,030	2,109,211	6,667,216	(x)	(x)	17	
(x)	(x)	167,297,623	18,206,704	26,580,908	24,799,037	23,090,275	20,257,030	16,420,639	18,504,465	10,432,576	(x)	18	
(x)	(x)	10,330,602	428,640	977,355	998,855	2,200,271	1,007,743	2,260,175	(x)	8,473,693	(x)	19	
(x)	(x)	895,643	52,044	78,300	173,383	(x)	691,810	(x)	(x)	(x)	(x)	20	
(x)	(x)	58,180,314	84,600	167,540	245,023	1,808,400	4,360,849	7,663,343	15,189,940	12,004,339	10,590,124	21	
(x)	(x)	11,073,624	(x)	133,582	408,322	2,060,198	2,868,557	3,078,207	2,524,758	(x)	(x)	22	
(x)	(x)	72,028,628	4,356,204	7,743,092	8,071,361	11,983,807	10,635,793	0,554,623	11,131,667	8,352,030	(x)	23	
(x)	(x)	18,575,336	25,902,137	590,159	883,466	1,087,444	2,490,480	4,201,587	2,300,223	3,117,332	10,369,875	24	
(x)	(x)	26,661,044	503,421	1,265,873	2,395,352	7,970,841	7,022,667	1,863,516	5,633,084	(x)	(x)	25	
(x)	(x)	187,204,946	450,867,448	694,267	2,770,456	5,133,992	21,180,438	43,254,614	73,819,306	132,625,536	84,300,645	86,773,224	26
(x)	(x)	7,221,216	261,258	492,196	789,251	1,914,408	1,914,408	2,273,856	1,490,247	(x)	(x)	(x)	27
(x)	(x)	134,418,719	772,775	5,324,193	11,591,276	29,603,580	24,414,377	25,708,197	20,680,540	16,219,411	(x)	(x)	28
(x)	(x)	90,945,738	970,979	2,810,958	5,024,027	13,553,793	16,360,626	13,003,877	9,014,563	(x)	(x)	(x)	29
(x)	(x)	239,070,074	45,430,236	85,598,393	87,161,749	85,061,711	81,184,333	119,441,567	145,558,069	150,574,743	(x)	(x)	30
(x)	(x)	6,518,665	1,094,637	2,103,691	1,717,420	2,242,702	1,897,628	1,022,627	(x)	(x)	(x)	(x)	31
(x)	(x)	23,861,017	793,733	1,362,733	1,407,034	3,125,018	3,594,571	2,130,458	11,468,466	(x)	(x)	(x)	32
(x)	(x)	110,544,034	783,938	3,641,672	9,801,649	21,848,768	14,880,615	10,535,395	24,275,144	15,738,433	(x)	(x)	33
(x)	(x)	17,476,518	622,279	1,164,554	1,996,470	2,782,017	4,363,143	4,833,755	1,813,010	(x)	(x)	(x)	34
(x)	(x)	3,435,667	(x)	52,257	(x)	(x)	(x)	2,820,316	(x)	(x)	(x)	(x)	35
(x)	(x)	27,608,602	250,627	878,420	1,526,069	4,993,723	4,019,270	5,095,071	6,252,080	4,583,742	(x)	(x)	36
(x)	(x)	92,744,550	288,270,013	3,200,619	7,327,594	13,485,337	34,891,816	33,827,764	43,070,988	62,776,018	32,760,231	56,882,506	37
(x)	(x)	7,995,250	52,700,464	984,300	2,339,697	3,776,650	6,537,098	6,301,566	7,923,845	7,892,309	3,501,190	13,853,620	38
(x)	(x)	226,083,270	668,872,810	1,659,672	5,219,858	10,720,878	36,137,734	72,633,754	103,501,877	202,089,334	119,302,340	117,557,613	39
(x)	(x)	9,304,387	66,143	212,808	234,009	696,125	798,489	2,089,258	5,207,555	(x)	(x)	(x)	40
(x)	(x)	2,064,240	(x)	69,448	(x)	430,953	(x)	2,463,839	(x)	(x)	(x)	(x)	41
(x)	(x)	10,362,248	99,607	301,061	653,363	1,113,186	1,395,021	1,737,730	5,061,330	(x)	(x)	(x)	42
(x)	(x)	3,851,831	473,963	574,030	236,226	2,667,612	(x)	(x)	(x)	(x)	(x)	(x)	43
(x)	(x)	90,264,472	(x)	59,816	214,010	321,589	1,520,818	4,397,588	7,800,454	10,465,001	53,976,166	(x)	44
(x)	(x)	1,810,240	102,702	212,760	323,099	666,679	(x)	(x)	(x)	(x)	(x)	(x)	45
(x)	(x)	15,303,073	76,333	109,599	503,988	1,642,553	2,234,222	2,585,501	3,160,877	(x)	(x)	(x)	46
(x)	(x)	7,091,585	106,300	341,431	597,094	1,833,952	2,002,890	3,109,912	(x)	(x)	(x)	(x)	47
(x)	(x)	40,888,751	222,250,633	23,398	210,076	650,826	1,557,868	3,798,639	4,179,932	16,632,289	16,830,442	60,132,687	48
(x)	(x)	9,131,163	99,234,973	100,891	176,566	208,731	251,688	3,071,956	(x)	8,406,736	(x)	87,018,375	49
(x)	(x)	48,931,678	441,511	1,426,265	2,986,877	9,716,844	9,817,027	8,219,938	11,206,308	5,016,778	(x)	(x)	50
(x)	(x)	45,071,185	(x)	(x)	(x)	1,191,066	4,749,986	5,470,095	11,090,282	23,463,156	(x)	(x)	51
(x)	(x)	89,720,225	172,266,763	22,056	(x)	118,631	3,186,308	18,332,105	92,715,280	67,530,846	(x)	(x)	52
(x)	(x)	15,006,125	73,761,005	163,534	242,722	372,076	1,156,762	1,342,133	1,865,070	5,241,981	5,798,775	57,578,552	53
(x)	(x)	17,017,515	2,023,927	7,178,314	3,084,661	2,047,419	1,688,344	618,802	1,276,148	(x)	(x)	(x)	54
(x)	(x)	124,634,056	374,471,575	237,709	856,744	1,723,440	7,494,666	13,062,878	26,331,503	52,530,453	63,546,922	200,087,200	55
(x)	(x)	68,928,954	47,621	67,697	288,910	288,910	1,833,952	3,093,037	(x)	(x)	(x)	(x)	56
(x)	(x)	913,642	89,067	141,333	181,672	501,674	340,480	1,737,039	3,258,265	4,226,078	7,202,160	23,227,296	57
(x)	(x)	10,309,736	39,901,322	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	58
(x)	(x)	73,252,638	710,130,865	5,581,667	4,617,302	5,342,915	11,236,803	15,697,673	15,788,846	47,170,530	40,200,794	564,528,375	59
(x)	(x)	22,083,474	213,235,771	3,078,228	8,585,310	15,235,872	48,461,642	59,776,844	33,865,924	29,385,352	14,840,599	(x)	60
(x)	(x)	12,152,744	31,880,691	1,240,250	1,853,176	1,934,463	4,387,487	3,752,761	3,477,659	6,618,181	(x)	(x)	61
(x)	(x)	26,653,450	31,490,762	87,221	247,026	258,574	1,174,679	1,183,373	2,565,913	5,258,885	8,116,616	20,725,091	62
(x)	(x)	107,086,681	460,699,226	8,035,916	19,536,583	36,144,650	61,379,517	64,625,553	72,605,608	74,276,843	50,482,409	73,512,155	63
(x)	(x)	95,588,073	513,117	210,932	302,186	(x)	(x)	(x)	(x)	(x)	(x)	(x)	64
(x)	(x)	12,103,926	775,166,822	11,387,345	57,184,134	62,532,280	108,063,456	146,316,547	164,104,495	177,240,217	37,509,669	10,798,739	65
(x)	(x)	(x)	54,898,363	450,401	1,800,768	3,069,322	9,075,376	10,624,955	13,297,207	12,375,500	4,695,834	(x)	66
(x)	(x)	(x)	3,272,881	68,728	417,066	1,279,997	1,507,090	(x)	(x)	(x)	(x)	(x)	67
(x)	(x)	(x)	92,194,637	388,665	1,561,205	2,960,069	7,780,551	10,785,055	13,118,568	25,791,497	15,402,267	14,897,770	68
(x)	(x)	(x)	184,756,028	18,688	113,772	276,067	591,064	969,680	1,661,273	12,224,102	28,952,028	89,958,694	69
(x)	(x)	(x)	3,627,071	(x)	(x)	(x)	337,037	1,395,941	(x)	1,804,103	(x)	(x)	70
(x)	(x)	(x)	1,475,595	20,989	340,617	(x)	1,114,089	(x)	(x)	(x)	(x)	(x)	71
(x)	(x)	(x)	37,601,176	279,490	1,135,639	4,403,280	14,443,080	12,763,792	4,656,886	(x)	(x)	(x)	72
(x)	(x)	(x)	58,865,565	9,317,625	11,363,921	11,280,182	14,993,436	4,658,047	7,245,364	(x)	(x)	(x)	73
(x)	(x)	(x)	45,322,582	206,795	700,574	1,657,273	3,994,655	5,834,902	14,243,906	15,522,817	3,161,960	(x)	74
(x)	(x)	(

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—						
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999
1	Copperage.....	589	220	146	80	78	39	23
2	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.....	2,161	750	601	548	283	116	44
3	Cordage and twine.....	123	6	10	15	23	26	22
4	Cork products.....	35	4	8	6	4	3	4
5	Corn sirup, corn sugar, corn oil, and starch.....	35	15	5	—	—	—	—
6	Corsets and allied garments.....	213	31	34	36	40	1	21
7	Cotton goods.....	1,281	27	42	48	195	265	309
8	Cotton small wares.....	202	28	33	36	45	27	23
9	Crucibles.....	11	—	1	—	—	—	—
10	Cutlery (not including silver and plated cutlery) and edge tools.....	239	54	45	46	48	24	15
11	Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.....	172	40	41	26	27	18	12
12	Dental goods and equipment.....	87	17	16	16	16	5	7
13	Doors, shutters, and window sash and frames, metal.....	148	14	23	28	32	23	10
14	Druggists' preparations.....	429	115	99	74	80	28	27
15	Dyeing and finishing textiles.....	732	75	96	111	144	110	92
16	Electrical machinery, apparatus, and supplies.....	1,802	264	262	234	322	200	180
17	Electroplating.....	534	242	161	73	51	5	2
18	Embroideries.....	813	416	267	88	40	2	—
19	Emery wheels and other abrasive and polishing appliances.....	87	10	14	5	14	12	10
20	Engines, turbines, tractors, and water wheels.....	190	17	24	21	34	23	25
21	Engravers' materials.....	19	4	1	6	3	3	2
22	Engraving (other than steel, copperplate, or wood), chasing, etch- ing, and die-sinking.....	189	118	48	9	7	1	4
23	Engraving, steel and copperplate, and plate printing.....	456	159	144	76	48	17	6
24	Engraving, wood.....	27	15	8	3	1	—	—
25	Envelopes.....	171	14	24	26	40	28	24
26	Excelsior.....	66	17	23	14	7	4	1
27	Explosives.....	95	5	19	10	19	12	7
28	Fancy and miscellaneous articles, not elsewhere classified.....	814	227	234	153	115	62	27
29	Feathers, plumes, and manufactures thereof.....	39	15	19	5	—	—	—
30	Fedds, prepared, for animals and fowls.....	750	111	128	117	149	78	63
31	Felt goods, wool, hair, or jute.....	54	2	2	2	11	8	13
32	Fertilizers.....	638	32	74	120	148	110	106
33	Files.....	33	5	7	6	4	3	3
34	Firearms.....	21	3	—	2	3	4	3
35	Fire extinguishers, chemical.....	28	9	5	1	5	3	2
36	Fireworks.....	50	21	9	6	6	4	3
37	Flags and banners.....	54	22	15	7	6	—	—
38	Flavoring extracts and flavoring sirups.....	642	212	173	78	95	35	22
39	Flour and other grain-mill products.....	4,022	1,818	838	478	332	172	152
40	Food preparations, not elsewhere classified.....	862	310	189	122	118	68	33
41	Forgings, iron and steel, not made in plants operated in connection with rolling mills.....	218	16	22	26	46	28	36
42	Foundry and machine-shop products, not elsewhere classified.....	8,605	1,921	1,781	1,305	1,496	897	576
43	Foundry supplies.....	59	8	15	7	15	11	2
44	Fuel: Briquettes and boulets.....	23	6	3	3	5	1	3
45	Fur goods.....	2,855	613	825	635	551	158	63
46	Furnishing goods, men's, not elsewhere classified.....	598	98	80	115	125	103	47
47	Furniture, including store and office fixtures.....	3,778	704	641	644	814	498	314
48	Furs, dressed.....	248	37	60	44	64	26	14
49	Galvanizing and other coating, not done in plants operated in con- nection with rolling mills.....	65	18	10	13	16	6	1
50	Gas and electric fixtures; lamps, lanterns, and reflectors.....	614	113	143	103	130	67	33
51	Gas machines, gas meters, and water and other liquid meters.....	72	9	11	10	12	8	10
52	Gas, manufactured, illuminating and heating.....	754	50	162	175	151	79	51
53	Glass.....	263	8	8	15	30	57	63
54	Glass products (except mirrors) made from purchased glass.....	431	166	168	48	39	12	5
55	Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.....	125	13	25	24	29	19	9
56	Gloves and mittens, leather.....	257	51	52	48	60	30	12
57	Glue and gelatin.....	74	12	12	7	15	8	9
58	Gold leaf and foil.....	75	45	15	4	7	3	1
59	Gold, silver, and platinum, reducing and refining, not from the ore.....	69	7	13	7	17	11	3
60	Graphite, ground and refined.....	11	—	—	3	4	2	1
61	Grease and tallow, not including lubricating greases.....	297	81	53	52	48	36	20
62	Haircloth.....	13	1	—	2	5	3	2
63	Hair work.....	59	29	22	6	2	—	—
64	Handkerchiefs.....	105	11	24	19	18	14	12
65	Hand stamps and stencils and brands.....	332	161	91	44	28	5	3
66	Hardware not elsewhere classified.....	485	77	93	77	84	61	42
67	Hat and cap materials, men's.....	112	33	17	13	30	7	4
68	Hats and caps, except felt and straw, men's.....	576	182	175	128	97	20	3
69	Hats, fur-felt.....	159	19	22	12	31	34	16
70	Hats, straw, men's.....	50	5	2	6	15	11	8
71	Horse blankets, fly nets, and related products.....	14	2	3	4	3	1	—
72	House-furnishing goods, not elsewhere classified.....	964	243	228	163	206	69	37
73	Ice cream.....	3,150	1,100	884	515	392	143	71
74	Ice, manufactured.....	4,110	1,712	1,242	634	424	84	11
75	Ink, printing.....	147	14	20	28	40	11	14
76	Ink, writing.....	29	10	9	4	3	—	—
77	Instruments, professional and scientific.....	276	66	77	42	42	22	9
78	Iron and steel: Blast furnaces.....	105	—	—	—	1	2	10
79	Iron and steel, processed.....	46	12	13	12	7	1	1
80	Iron and steel: Steel works and rolling mills.....	486	1	9	11	32	53	65
81	Ivory, shell, and bone work, not including buttons, combs, or hair- pins.....	21	4	10	4	2	1	—
82	Jewelry.....	1,536	456	421	260	237	97	40
83	Jewelry and instrument cases.....	113	35	32	23	15	6	—

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929--Continued

head of table]

NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT--continued			WAGE EARNERS (AVERAGE FOR THE YEAR) IN ESTABLISHMENTS WITH PRODUCTS VALUED AT--									
\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
4	1		10,691	504	778	1,068	1,800	2,113	3,020	1,562	(x)	
11	5	3	28,593	1,987	3,474	3,800	6,037	4,726	3,849	1,379	1,496	1,785
10	1	4	14,489	31	71	273	850	1,894	3,214	4,406	(x)	5,760
3	3		3,842	9	36	108	179	307	(x)	8,203	(x)	
2	2	10	6,730	70	21			(x)	(x)	(x)	501	6,048
22	3		13,064	79	333	580	1,230	1,705	2,879	5,435	1,423	6
305	119	41	424,916	132	371	999	6,939	27,272	64,822	132,336	115,145	76,850
11	4		15,281	100	293	556	1,738	2,007	3,738	3,848	3,001	8
			321		(x)	(x)	97	224	(x)			9
3	2	2	14,991	193	393	976	2,573	2,610	3,268	1,227	3,751	(x)
6	2		5,460	133	251	306	721	800	1,200	1,949	(x)	11
7	2	1	4,559	36	85	195	271	571	662	615	2,124	(x)
13	3	2	9,587	47	140	269	787	1,404	1,072	2,815	3,023	(x)
9	3	5	10,088	229	393	514	1,017	899	1,826	1,279	581	3,950
07	24	13	79,327	308	929	1,610	5,449	8,397	12,673	18,786	14,380	16,795
171	88	81	328,722	990	1,664	2,808	9,352	11,810	20,283	39,308	42,085	20,422
			5,028	720	1,253	1,341	1,995	619	(x)			17
			6,022	1,637	2,279	1,235	1,471	(x)				18
1		1	3,873	23	80	62	319	641	(x)	2,739	(x)	19
18	11	26	61,148	70	172	364	1,129	1,538	3,060	5,569	5,938	43,308
			313	10	(x)	51	41	211	(x)			21
2			2,240	267	308	137	345	(x)	1,183	(x)		22
5		1	10,130	523	1,098	1,282	1,606	1,455	749	3,417	(x)	23
			142	23	41	78	(x)					24
12	3		10,307	51	205	404	1,243	1,778	2,718	5,998	(x)	25
			1,241	77	214	303	254	393	(x)			26
14	8	1	5,614	7	55	34	282	537	457	1,400	2,842	(x)
5	1		18,722	816	1,824	2,432	4,071	3,695	3,616	2,293	(x)	27
			257	54	129	74						28
71	20	13	10,223	181	275	414	1,056	1,016	1,431	2,738	1,402	1,701
9	4	1	5,540	(x)	90	54	207	400	1,231	1,735	1,825	(x)
41	7		20,926	127	317	910	2,456	3,440	6,639	4,438	2,599	32
4	1		3,974	15	59	128	180	347	903	2,342	(x)	33
2	4		6,888	56		(x)	149	641	826	(x)	8,267	34
2	1		740	20	26	(x)	92	144	(x)	458	(x)	35
1			1,811	108	84	124	230	252	1,016	(x)		36
			938	79	132	110	187	430				37
18	5	4	5,041	238	418	372	821	529	730	1,376	557	(x)
146	53	33	27,028	1,270	1,402	1,588	1,937	1,932	2,759	5,440	3,730	6,851
17	11	4	10,616	571	710	946	1,409	1,491	1,493	681	2,194	8,851
31	9	4	20,882	45	183	362	1,190	1,377	3,950	6,544	3,974	3,282
434	131	64	454,441	6,123	12,175	19,066	46,587	50,783	70,650	102,273	62,012	78,772
1			853	11	63	63	198	414	104	(x)		43
	2		426	32	17	32	135	(x)	210	(x)		44
6	1		15,752	962	2,159	2,843	4,730	2,868	1,872	798	(x)	45
26	4		26,688	582	1,363	3,082	3,217	5,882	5,276	5,220	1,960	46
132	21	10	193,369	1,506	4,368	9,404	28,285	37,022	46,184	37,079	13,718	15,413
2	1		5,167	129	477	582	1,350	1,187	583	859	(x)	48
1			1,125	38	63	177	358	469	(x)			49
14	8	3	23,580	289	856	1,103	3,471	3,410	4,133	4,295	3,614	2,399
9	3		6,101	29	77	146	395	428	852	2,274	1,900	51
49	18	19	43,065	122	864	1,566	2,700	2,771	3,350	7,735	3,893	20,004
52	25	7	67,527	34	145	355	1,655	7,300	12,615	17,658	13,771	8,994
1	2		6,029	473	1,133	599	1,260	674	477	(x)	1,413	54
5	1		9,279	66	309	544	1,407	1,959	1,938	3,058	(x)	55
4			9,203	209	404	777	2,237	2,599	1,767	1,210		56
10	1		2,993	23	20	41	235	248	598	1,328	(x)	57
			1,177	155	138	68	339	477	(x)			58
7	1	3	931	8	19	45	53	54	18	264	(x)	470
1			494			19	23	(x)	452	(x)		60
3	3	1	5,475	206	240	439	800	1,347	1,350	159	934	(x)
			450	(x)		23	127	(x)	300			61
			359	89	126	144	(x)					62
7			6,014	99	436	391	665	893	1,060	1,870		63
			2,971	356	495	477	843	448	352			64
35	10	6	52,306	267	631	1,050	2,963	5,045	6,808	11,061	8,504	15,968
7	1		2,584	90	107	114	588	361	398	906	(x)	65
1			5,826	412	964	1,458	1,625	994	373	(x)		66
19	2	4	16,539	43	123	142	880	1,882	1,700	3,674	(x)	8,099
3			3,380	(x)	40	96	440	1,058	1,080	1,088		69
1			582	(x)	29	82	471	(x)	(x)			70
12	1	1	15,794	584	1,230	1,604	4,063	3,068	2,667	1,918		(x)
34	9	2	22,999	1,160	2,341	2,815	4,511	3,442	3,175	2,755	2,204	(x)
2	1		32,184	5,516	7,301	6,743	8,772	2,702	841	2,419	(x)	73
9	2		2,448	11	77	128	377	236	440	1,179	(x)	74
1			416	15	18	33	36		(x)			75
9	7	2	16,870	200	526	626	1,496	1,332	948	2,076	9,072	(x)
19	25	48	24,960				78	(x)	671	2,082	3,372	13,757
			511	29	58	117	307	(x)	(x)			77
81	84	150	394,574	(x)	84	204	1,621	4,653	9,392	24,770	44,235	309,605
			391	15	99	82	195	(x)				80
21	4		27,022	1,029	2,353	2,825	6,079	5,492	4,069	5,415	639	82
			2,269	100	238	465	577	889	(x)			83

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—							
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1	Copperage	64,841,788	2,497,531	4,620,878	5,955,409	11,098,801	14,494,221	17,194,005	8,480,883
2	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.	222,484,625	0,320,398	10,654,809	24,421,087	43,232,978	40,798,292	29,908,954	14,871,162
3	Cordage and twine	91,455,117	84,745	394,733	1,007,085	4,003,809	9,345,446	16,348,367	28,240,945
4	Cork products	23,023,329	36,108	251,941	412,850	1,170,166	(x)	(x)	20,467,429
5	Corn sirup, corn sugar, corn oil, and starch	165,983,739	432,620	116,016	(x)	688,835	1,170,166	16,348,367	28,240,945
6	Corsets and allied garments	76,802,199	895,934	1,124,593	2,545,827	6,567,846	9,035,389	15,787,005	32,293,922
7	Cotton goods	1,524,177,057	3,384,696	1,413,523	3,408,201	23,309,977	94,779,275	217,896,819	472,734,010
8	Cotton small wares	65,169,753	251,118	1,146,211	2,595,276	7,410,670	8,924,814	16,710,740	16,422,164
9	Crucibles	2,944,724	(x)	(x)	(x)	807,204	2,157,520	(x)	(x)
10	Cutlery (not including silver and plated cutlery) and edge tools	78,600,872	602,416	1,418,530	3,372,915	8,224,873	8,477,401	10,532,408	5,458,878
11	Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies	42,246,758	400,763	1,341,255	1,863,014	4,732,969	6,892,618	8,518,901	18,487,898
12	Dental goods and equipment	35,180,165	103,682	473,870	1,118,053	2,345,211	2,047,721	4,829,666	10,387,748
13	Doors, shutters, and window sash and frames, metal	72,100,388	214,002	772,504	2,101,826	4,938,344	8,361,491	7,425,825	17,914,313
14	Druggists' preparations	124,778,487	1,385,075	5,281,021	5,281,702	10,908,287	10,000,201	18,202,854	13,051,839
15	Dyeing and finishing textiles	465,820,029	907,614	3,285,946	7,002,560	23,012,755	40,342,900	65,358,199	98,810,875
16	Electrical machinery, apparatus, and supplies	2,300,177,057	3,384,696	8,551,851	16,845,953	52,304,130	69,650,543	131,709,768	270,967,746
17	Electroplating	23,727,016	2,759,309	4,015,569	5,101,410	7,807,820	3,083,808	(x)	(x)
18	Embroideries	25,280,796	4,380,547	8,204,547	6,372,945	6,797,945	(x)	(x)	(x)
19	Emery wheels and other abrasive and polishing appliances	32,154,311	117,656	509,289	363,280	2,440,185	4,475,400	(x)	24,248,488
20	Engines, turbines, tractors, and water wheels	457,217,069	228,347	756,036	1,574,068	5,543,770	7,700,015	18,842,364	31,184,398
21	Engravers' materials	3,129,483	45,998	(x)	494,326	457,677	2,191,482	(x)	(x)
22	Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking	10,938,741	1,155,016	1,488,458	651,750	1,966,248	(x)	6,273,269	(x)
23	Engraving, steel and copperplate, and plate printing	47,161,641	1,969,180	4,582,572	5,202,481	7,797,294	6,340,433	3,700,640	17,570,041
24	Engraving, wood	73,708,951	161,387	204,301	388,263	(x)	(x)	(x)	(x)
25	Envelopes	61,286,902	174,464	707,903	1,850,330	6,804,787	9,567,493	16,693,263	25,419,255
26	Excelsior	5,008,769	248,511	770,336	922,075	968,631	2,103,216	(x)	(x)
27	Explosives	72,539,724	69,378	648,182	648,182	3,447,438	4,372,782	5,074,194	21,075,354
28	Fancy and miscellaneous articles, not elsewhere classified	85,388,961	2,579,650	7,658,428	10,848,020	17,205,309	18,678,289	18,554,510	9,774,749
29	Feathers, plumes, and manufactures thereof	1,141,418	166,824	633,163	341,441	(x)	(x)	(x)	(x)
30	Feeds, prepared, for animals and fowls	402,762,534	1,240,343	4,277,669	8,318,225	23,486,552	28,159,548	45,423,272	112,472,137
31	Felt goods, wool, hair, or jute	45,465,823	(x)	84,964	204,283	1,033,631	3,084,697	6,637,676	(x)
32	Fertilizers	232,510,936	433,144	2,417,222	8,712,688	25,151,971	40,210,371	73,007,017	59,885,001
33	Files	14,114,378	51,800	253,668	341,778	456,131	1,063,424	2,403,043	5,553,208
34	Firearms	21,970,367	204,829	(x)	(x)	466,136	1,378,617	1,874,006	(x)
35	Fire extinguishers, chemical	8,566,089	70,207	231,671	(x)	456,131	2,258,610	(x)	5,141,580
36	Fireworks	6,583,502	282,159	808,918	305,118	902,127	1,357,474	3,533,667	(x)
37	Flags and banners	3,885,824	266,213	475,537	580,960	902,087	1,652,027	(x)	(x)
38	Flavoring extracts and flavoring sirups	129,086,237	2,386,211	5,459,847	5,587,523	15,121,808	12,321,495	10,034,500	30,250,130
39	Flour and other grain-mill products	1,000,260,418	19,409,960	27,159,500	33,321,223	51,922,419	61,403,051	103,650,860	281,348,802
40	Food preparations, not elsewhere classified	171,800,987	3,407,775	6,003,140	8,719,703	19,054,457	20,382,280	23,311,211	24,020,119
41	Forgings, iron and steel, not made in plants operated in connection with rolling mills	156,248,947	183,785	717,066	1,918,457	7,790,739	9,988,407	26,301,267	52,248,352
42	Foundry and machine-shop products, not elsewhere classified	2,701,461,964	32,450,619	58,888,566	93,340,767	238,809,509	315,201,886	402,065,213	607,814,126
43	Foundry supplies	10,468,589	120,485	517,268	508,981	2,300,015	4,097,223	2,914,617	(x)
44	Fuel: Briquettes and boulets	0,497,657	92,396	106,611	194,442	1,177,568	(x)	(x)	(x)
45	Fur goods	277,592,726	6,072,026	27,184,148	45,340,157	85,020,351	55,244,085	41,737,540	15,189,545
46	Furnishing goods, men's, not elsewhere classified	150,963,093	1,064,058	2,685,446	8,326,029	20,060,628	35,952,446	33,457,862	37,774,380
47	Furniture, including store and office fixtures	948,110,358	8,181,296	21,195,406	66,187,210	132,274,748	177,245,009	217,857,959	192,898,908
48	Furs, dressed	40,979,192	408,663	1,970,810	3,003,898	10,783,540	8,438,482	9,639,215	5,026,594
49	Galvanizing and other coating, not done in plants operated in connection with rolling mills	7,066,541	172,970	356,260	1,054,313	2,279,935	3,805,063	(x)	(x)
50	Gas and electric fixtures; lamps, lanterns, and reflectors	144,905,706	1,289,634	4,625,965	7,212,004	20,880,932	23,243,910	22,538,204	22,721,864
51	Gas machines, gas meters, and water and other liquid meters	40,623,344	118,717	413,150	705,554	2,076,637	2,821,277	7,603,672	13,229,963
52	Gas, manufactured, illuminating and heating	512,652,595	631,373	6,103,678	11,939,762	23,597,855	28,546,354	36,191,109	82,377,301
53	Glass	303,818,560	75,725	290,571	1,147,305	4,987,153	22,208,186	46,705,870	85,364,844
54	Glass products (except mirrors) made from purchased glass	33,273,003	1,916,412	5,139,126	3,153,429	6,292,937	3,997,820	3,140,268	(x)
55	Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics	29,882,958	134,813	852,575	1,823,661	4,731,922	6,131,529	6,525,320	9,683,138
56	Gloves and mittens, leather	39,122,729	602,072	1,795,412	3,308,800	9,551,720	10,294,624	8,250,490	5,810,311
57	Glue and gelatin	32,458,019	133,106	437,720	572,228	2,457,866	3,028,493	6,773,128	19,055,478
58	Gold leaf and foil	3,978,024	493,240	466,139	255,851	927,009	1,836,785	(x)	(x)
59	Gold, silver, and platinum, reducing and refining, not from the ore	67,959,140	95,267	468,828	470,634	2,833,505	3,927,449	2,201,777	14,193,984
60	Graphite, ground and refined	3,759,969	(x)	(x)	196,426	673,009	(x)	2,890,534	(x)
61	Grease and tallow, not including lubricating greases	61,607,990	889,405	1,771,243	3,579,502	7,639,098	12,973,656	14,298,092	3,550,617
62	Haircloth	3,865,388	(x)	(x)	162,444	950,119	(x)	(x)	(x)
63	Hair work	1,693,588	309,538	738,434	660,616	(x)	(x)	(x)	(x)
64	Handkerchiefs	29,563,777	135,247	796,497	1,304,241	2,487,767	4,950,081	9,602,334	10,268,590
65	Hand stamps and stencils and brands	15,030,023	1,688,887	2,760,877	2,989,590	3,925,491	1,739,767	1,981,411	(x)
66	Hardware not elsewhere classified	229,477,507	1,011,080	3,049,737	5,497,141	12,775,711	22,077,919	28,348,348	50,195,885
67	Hat and cap materials, men's	25,030,943	348,593	567,303	1,166,607	4,730,893	2,430,393	2,630,307	13,406,407
68	Hats and caps, except felt and straw, men's	35,900,664	1,999,792	5,495,426	8,798,198	9,949,426	6,725,770	2,929,052	(x)
69	Hats, fur-felt	102,004,165	188,602	763,041	887,306	5,026,456	12,756,670	11,402,508	29,434,099
70	Hats, straw, men's	18,738,994	(x)	158,312	416,290	2,541,742	3,770,935	6,140,508	5,717,201
71	Horse blankets, fly nets, and related products	2,895,158	(x)	107,835	332,808	2,454,425	(x)	(x)	(x)
72	House-furnishing goods, not elsewhere classified	127,602,002	2,796,494	7,384,141	11,319,664	33,514,680	25,154,050	24,074,987	22,458,066
73	Ice, manufactured	328,413,911	12,560,870	28,465,197	36,390,823	60,193,769	48,828,851	46,554,138	46,554,138
74	Ice cream	210,952,264	20,344,025	39,718,444	45,101,952	68,431,015	27,335,055	8,870,527	6,651,248
75	Ink, printing	42,749,902	931,188	1,821,007	1,821,007	6,320,958	3,794,901	9,051,659	20,684,259
76	Ink, writing	4,594,974	97,983	250,947	301,366	403,583	(x)	(x)	5,541,095
77	Instruments, professional and scientific	89,746,369	777,933	2,409,707	2,938,551	6,976,486	7,167,600	6,016,316	14,969,154
78	Iron and steel: Blast furnaces	771,425,404	(x)	(x)	766,821	(x)	(x)	7,285,660	34,006,837
79	Iron and steel, processed	3,805,480	143,177	437,790	780,963	2,498,560	(x)	(x)	(x)
80	Iron and steel: Steel works and rolling mills	3,305,788,805	(x)	355,062	834,204	5,058,064	20,250,850	46,673,445	128,044,466
81	Ivory, shell, and bone work, not including buttons, combs, or hairpins	1,200,426	49,886	319,715	275,901	614,924	(x)	(x)	(x)
82	Jewelry	177,386,932	4,961,682	13,659,326	18,568,082	37,226,997	33,600,642	28,715,366	29,448,211
83	Jewelry and instrument cases	8,826,727	408,949	1,017,891	1,694,440	2,026,636	3,676,111	(x)	(x)

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT— continued		VALUE ADDED BY MANUFACTURE FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
16,070,591	24,146,164	109,836,513	1,009,645	1,096,251	2,215,705	4,589,483	5,220,324	6,003,537	2,591,443	7,047,142	6,251,331
(x)	31,999,937	36,881,858	43,168	170,159	508,082	1,589,331	3,589,907	6,594,082	11,481,418	(x)	12,904,511
9,822,699	155,812,404	61,698,012	25,302	129,115	180,385	339,603	525,602	(x)	(x)	(x)	(x)
9,953,083	147,267,224	40,767,120	248,035	193,605	(x)	(x)	(x)	(x)	(x)	(x)	(x)
412,125,568	208,100,018	626,148,110	232,710	2,292,616	1,348,646	3,205,257	4,285,202	8,276,887	18,420,109	4,251,913	57,886,439
11,768,755	(x)	31,533,545	161,150	550,546	1,578,595	8,547,372	36,836,081	86,070,005	192,257,074	171,681,252	128,456,485
40,513,361	(x)	1,909,310	131,619	522,698	1,310,752	3,394,970	4,446,967	7,604,500	8,924,054	5,107,985	(x)
(x)	(x)	63,871,537	495,268	1,073,089	2,581,695	6,155,049	1,462,297	7,907,057	4,139,954	35,487,893	(x)
13,788,905	(x)	25,875,642	244,715	739,893	1,043,310	2,496,490	3,934,318	4,935,552	12,481,358	(x)	(x)
30,441,993	(x)	17,853,417	130,282	325,149	633,231	927,038	1,280,426	2,290,180	3,427,052	8,834,110	(x)
9,815,246	52,308,632	41,982,227	143,415	491,822	1,299,351	2,885,463	4,978,830	4,264,482	11,650,518	16,269,316	(x)
78,952,126	147,267,224	81,002,501	830,943	2,050,827	3,123,462	6,513,551	6,402,118	11,500,199	7,900,210	7,144,591	35,461,600
335,669,683	1,411,775,874	230,108,473	692,177	2,292,616	4,915,962	14,532,072	22,713,023	35,164,913	51,501,765	44,073,499	54,231,254
40,023,488	351,355,277	1,329,897,949	1,965,629	5,001,793	4,411,271	28,871,722	38,138,344	75,855,409	150,645,880	198,240,612	821,717,449
(x)	(x)	18,920,249	2,252,023	4,069,262	9,216,526	6,414,712	6,414,712	(x)	(x)	(x)	(x)
(x)	(x)	18,677,956	3,625,602	6,419,782	4,261,443	4,471,069	1,977,160	(x)	(x)	(x)	(x)
(x)	(x)	10,737,648	78,870	298,556	181,122	1,175,774	2,692,185	(x)	(x)	(x)	(x)
(x)	(x)	254,317,230	155,748	478,827	1,049,573	3,460,362	4,610,128	10,855,917	10,022,032	23,578,537	101,111,115
(x)	(x)	1,334,679	32,282	(x)	217,324	204,535	890,558	(x)	(x)	(x)	(x)
(x)	(x)	8,350,702	1,039,066	1,294,648	511,980	1,090,476	(x)	4,418,932	(x)	(x)	(x)
(x)	(x)	36,296,877	1,561,455	3,449,170	3,934,315	5,422,330	4,792,940	2,751,144	13,385,517	(x)	(x)
(x)	(x)	666,701	131,691	184,116	310,994	(x)	(x)	(x)	(x)	(x)	(x)
(x)	(x)	31,359,309	111,937	541,739	1,074,981	3,857,653	5,506,882	8,661,206	11,604,391	(x)	(x)
(x)	(x)	2,569,239	133,869	386,391	480,763	484,910	1,053,907	(x)	(x)	(x)	(x)
36,629,585	(x)	40,776,417	47,106	425,446	475,393	2,176,941	2,386,558	2,975,554	11,190,633	21,088,736	(x)
(x)	(x)	50,249,107	1,040,371	4,809,266	9,365,232	9,625,730	10,243,282	10,631,621	6,989,606	(x)	(x)
(x)	(x)	755,062	117,463	201,786	201,786	(x)	(x)	(x)	(x)	(x)	(x)
(x)	(x)	74,892,791	414,831	1,081,972	1,885,798	5,372,748	5,262,150	9,293,845	19,706,970	10,842,422	20,922,055
(x)	(x)	10,241,866	(x)	125,728	34,661	778,119	1,426,879	3,997,007	5,710,540	7,166,866	(x)
(x)	(x)	72,709,741	127,542	833,101	2,549,984	7,808,633	11,321,432	22,571,709	19,841,091	7,655,649	(x)
(x)	(x)	11,061,703	46,946	190,729	281,035	432,455	824,244	1,829,749	7,477,445	(x)	(x)
(x)	(x)	17,853,268	139,494	(x)	(x)	367,690	1,118,241	1,430,832	(x)	14,812,061	(x)
(x)	(x)	4,378,565	49,563	123,746	208,483	456,024	1,110,520	757,252	2,101,878	(x)	(x)
(x)	(x)	4,118,885	207,244	272,721	301,671	621,007	757,252	(x)	(x)	(x)	(x)
(x)	(x)	2,064,504	150,957	271,266	2,897,909	456,023	824,637	7,916,307	17,150,443	27,378,423	(x)
(x)	(x)	73,568,311	1,180,960	2,782,482	6,465,780	7,862,079	6,429,703	21,373,165	40,563,305	33,463,014	52,322,524
(x)	(x)	101,396,840	5,047,887	6,465,780	7,631,171	11,628,204	13,078,090	8,532,702	9,902,471	21,203,536	13,041,991
(x)	(x)	75,473,348	1,641,708	2,701,701	3,572,301	6,707,626	7,569,222	7,569,222	14,036,173	16,998,741	15,699,785
(x)	(x)	84,641,983	120,183	423,314	1,135,009	4,540,678	5,169,272	14,036,173	26,521,763	270,928,388	321,700,222
459,491,675	522,730,603	1,753,395,872	25,161,950	41,064,587	63,171,856	158,095,648	200,271,779	253,593,680	419,317,762	270,928,388	321,700,222
(x)	(x)	4,924,041	87,645	336,299	243,101	1,243,971	2,064,850	948,175	(x)	(x)	(x)
(x)	(x)	3,578,853	39,231	70,178	102,028	511,327	(x)	2,856,084	(x)	(x)	(x)
(x)	(x)	101,485,842	3,067,235	11,622,718	10,600,656	29,403,890	18,857,889	14,734,276	6,292,169	(x)	(x)
(x)	(x)	67,331,785	743,571	1,613,295	4,368,765	8,295,374	16,198,034	14,301,521	17,213,960	5,597,835	(x)
(x)	(x)	68,730,430	5,018,062	12,391,446	36,282,956	72,929,090	99,041,609	118,920,532	104,989,860	30,982,700	38,110,822
(x)	(x)	21,585,238	323,255	1,401,420	2,070,739	5,479,642	4,594,858	4,072,236	3,616,020	(x)	(x)
(x)	(x)	3,727,124	122,812	234,013	650,471	1,230,395	1,480,433	(x)	(x)	(x)	(x)
(x)	(x)	26,299,124	797,139	2,650,086	4,199,717	11,850,462	13,865,418	13,731,320	14,021,829	15,761,897	10,199,438
(x)	(x)	13,755,555	25,435,856	80,822	442,739	1,282,620	1,773,633	4,300,438	8,700,905	8,496,385	(x)
(x)	(x)										

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—						
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999
1	Jute goods.....	20	1	3		5	2	2
2	Knit goods.....	1,888	200	246	286	408	201	251
3	Labels and tags.....	163	24	30	30	35	15	9
4	Lace goods.....	42	1	6	5	9	7	9
5	Lapidary work.....	100	45	31	4	9	7	1
6	Lasts and related products.....	58	10	11	10	17	10	11
7	Leather goods, not elsewhere classified.....	302	136	106	68	51	16	80
8	Leather: Tanned, curried, and finished.....	471	18	30	44	88	67	80
9	Lime.....	237	43	48	51	51	28	13
10	Linon goods.....	16			2	3	5	3
11	Linoleum.....	7						1
12	Liquors, vinous.....	24	6	5	7	4	1	1
13	Lithographing.....	376	36	47	65	101	66	32
14	Locomotives, not made in railroad repair shops.....	16	1			3		3
15	Lubricating oils and greases, not made in petroleum refineries.....	177	22	25	33	45		18
16	Lumber and timber products, not elsewhere classified.....	12,915	8,567	1,686	771	777	473	341
17	Macaroni, spaghetti, vermicelli, and noodles.....	353	121	88	43	58	20	16
18	Machine-tool accessories and small metal-working tools, not elsewhere classified.....	722	152	176	144	138	55	28
19	Machine tools.....	280	13	30	28	58	45	42
20	Malt.....	28	1			3	9	6
21	Marble, granite, slate, and other stone products.....	1,881	539	511	363	317	99	35
22	Mattresses.....	21	1			5	3	3
23	Mattresses and bed springs, not elsewhere classified.....	951	305	248	168	147	42	31
24	Meat packing, wholesale.....	1,277	64	108	136	231	182	183
25	Millinery.....	1,293	187	260	297	366	149	50
26	Minerals and earths, ground or otherwise treated.....	88	6	10	17	28	9	7
27	Mirror and picture frames.....	178	31	33	58	38	15	4
28	Mirrors, framed and unframed.....	304	87	68	65	73	26	4
29	Models and patterns, not including paper patterns.....	804	402	244	98	49	7	4
30	Motion pictures, not including projection in theaters.....	142	27	25	22	11	11	14
31	Motor-vehicle bodies and motor-vehicle parts.....	1,154	230	238	168	172	97	63
32	Motorvehicles, not including motorcycles.....	244	8	18	28	26	18	19
33	Motorcycles, bicycles, and parts.....	21	2	1	1	4	3	5
34	Mucilage, paste, and other adhesives, except glue and rubber cement.....	84	34	23	11	8	6	2
35	Musical instrument parts and materials: Piano and organ.....	67	4	21	14	13	6	9
36	Musical instruments and parts and materials, not elsewhere classified.....	106	33	25	20	16	4	6
37	Musical instruments: Organs.....	62	14	17	8	13	4	4
38	Musical instruments: Pianos.....	81	8	7	9	18	11	16
39	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	55	7	13	7	9	13	3
40	Needles, pins, hooks and eyes, and snap fasteners.....	43	5	8	3	10	6	4
41	Nets and seines.....	19	4	3	1	2	3	5
42	Nonferrous-metal alloys and products, not including aluminum products.....	1,225	227	280	198	228	104	59
43	Oil, cake, and meal, cottonseed.....	553	3	14	34	123	171	138
44	Oil, cake, and meal, linseed.....	29	1	1	2	1	1	
45	Oils, essential.....	22	9	4	2	1	3	
46	Oils, not elsewhere classified.....	75	9	11	13	14	15	2
47	Oleomargarine, not made in meat-packing establishments.....	41	2	1	7	4	8	11
48	Optical goods.....	117	27	24	19	22	12	6
49	Paints and varnishes.....	1,063	106	149	177	234	140	121
50	Paper.....	685	9	11	35	71	112	144
51	Paper goods, not elsewhere classified.....	436	72	67	49	66	65	40
52	Patent or proprietary medicines and compounds.....	1,522	551	348	206	194	90	70
53	Paving materials: Asphalt, tar, crushed slag, and mixtures.....	126	13	18	28	36	19	10
54	Peanuts, walnuts, and other nuts, processed or shelled.....	169	16	15	17	51	44	19
55	Pencils, lead (including mechanical).....	38	5	6	4	8	7	3
56	Pens, fountain and stylographic; pen points, gold, steel, and brass.....	76	11	14	15	20	5	7
57	Perfumes, cosmetics, and other toilet preparations.....	815	288	210	103	102	49	26
58	Petroleum refining.....	390	12	7	9	18	34	52
59	Phonographs.....	59	4	8	6	13	11	7
60	Photo-engraving, not done in printing establishments.....	654	103	168	157	161	43	9
61	Photographic apparatus and materials.....	116	32	26	12	19	8	10
62	Pipes (tobacco).....	24	7	3	7	2	2	1
63	Planing-mill products (including general millwork), not made in planing mills connected with sawmills.....	4,849	1,423	1,117	902	899	320	127
64	Plated ware.....	96	8	11	11	20	16	9
65	Plumbers' supplies, not including pipe or vitreous-china sanitary ware.....	255	17	36	42	53	44	38
66	Pocketbooks, purses, and cardcases.....	290	36	52	51	78	45	17
67	Pottery, including porcelain ware.....	313	60	30	40	58	57	36
68	Poultry killing, dressing, and packing, wholesale.....	485	3	54	75	144	155	41
69	Printing and publishing, book and job.....	12,712	6,005	3,273	1,501	1,187	418	198
70	Printing and publishing, music.....	124	43	24	16	25	8	7
71	Printing and publishing, newspaper and periodical.....	11,524	6,365	2,333	1,118	807	383	253
72	Printing materials, not including type or ink.....	84	14	29	23	10	6	1
73	Pulp goods.....	46	9	8	6	7	3	4
74	Pulp (wood and other fiber).....	198	2	9	6	23	34	41
75	Pumps (hand and power) and pumping equipment.....	322	62	47	36	64	34	44
76	Rayon and allied products.....	29			1	4	6	3
77	Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.....	188	30	32	28	38	29	18
78	Refrigerators, mechanical.....	34	6	5	4	2	4	4
79	Regalia, badges, and emblems.....	77	23	27	12	9	1	4
80	Rice cleaning and polishing.....	60	3	3	2	4	11	14
81	Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.....	102	12	11	7	11	8	16
82	Rubber goods other than tires, inner tubes, and boots and shoes.....	412	64	48	67	74	53	43
83	Rubber tires and inner tubes.....	91	2	7	4	14	10	6

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—continued			WAGE EARNERS (AVERAGE FOR THE YEAR) IN ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
5	1	1	4,031	(x)	27		185	638	(x)	4,081	(x)	(x)
167	37	17	208,488	894	3,344	6,795	17,462	26,532	39,805	51,870	29,547	33,230
3	1		4,474	65	248	349	946	790	875	1,201	(x)	
6	2		6,854	(x)	61	102	220	816	1,491	4,164	(x)	
3			506	97	97	21	66	70	(x)	155	(x)	
			1,780	34	104	213	741	668				
4			6,035	321	754	980	1,319	820	1,230	611		
90	41	12	49,932	60	302	760	2,600	2,705	6,405	13,609	13,867	9,624
3			8,554	275	623	1,109	2,221	2,190	1,588	548		
3			2,195			(x)	278	381	401	1,135		
1	3	3	5,644							(x)	1,750	3,794
			186	11	12	28	135	(x)	(x)			
25	4		18,079	68	297	861	2,725	3,747	3,177	6,222	1,882	
5		4	11,045	(x)			48		318	1,216		9,463
13	3	1	2,677	44	67	111	315	204	382	483	971	(x)
252	40	8	419,084	41,943	22,743	21,103	45,457	59,245	73,858	103,025	33,672	17,438
6			5,072	168	328	304	1,070	804	1,314	1,034	(x)	
22	5	2	26,682	498	1,444	2,276	4,458	3,650	3,168	5,704	(x)	5,484
34	24	6	47,391	49	243	438	1,376	3,070	5,167	9,770	14,733	12,045
9			690	(x)			24	97	108	361		
13	3	1	37,817	1,600	3,072	5,673	9,742	6,010	4,132	3,464	3,224	(x)
7	2		3,760	(x)			266	266	444	2,735		
166	79	128	17,187	695	1,163	1,551	3,119	1,898	3,011	5,750	(x)	(x)
14			122,605	59	275	449	1,487	2,370	4,913	9,199	10,662	93,091
1	1		32,206	501	1,508	3,516	9,615	8,135	5,995	2,936		
1			1,679	16	123	198	363	255	694	(x)	(x)	
1			4,440	33	372	455	1,182	1,440	914	(x)		
1			4,782	102	377	791	1,755	1,070	627	(x)		
			6,778	1,114	1,813	1,571	1,305	415	555			
18	7	7	10,784	71	78	123	122	266	435	2,070	1,468	0,140
63	35	79	221,332	613	1,666	2,360	4,965	6,419	5,178	16,631	18,592	161,937
25	15	87	226,116	11	92	305	506	557	1,201	3,728	4,821	214,335
2	3	1	4,392	29	29	(x)	138	185	647	(x)	3,393	(x)
			414	57	66	42	74	175	(x)			
			3,090	9	136	274	469	722	1,480			
2			3,176	96	184	274	788	254	1,580	(x)		
2			2,389	45	119	114	557	299	1,255	(x)		
10	2		9,970	30	72	175	698	942	2,448	5,005	(x)	
3			2,027	28	88	118	273	778	249	498		
5	2		6,242	32	60	116	738	655	766	3,877	(x)	
1			303	8	34	(x)	168	(x)	698	(x)		
62	31	36	79,183	506	1,465	2,264	5,177	4,649	4,861	9,582	10,108	40,571
60	10		15,325	6	59	297	1,835	4,127	5,122	3,259	1,123	
10	9	6	2,715			16		(x)		469	703	1,527
3			2,265	14	8	15	(x)	77	151	203		
6	3	2	1,234	9	57	39	121	289	(x)	290		(x)
2	3	3	1,534	(x)	7	30	27	128				
5		2	9,701	51	198	270	755	932	1,059	6,436		(x)
85	37	14	29,211	200	424	323	2,502	2,848	4,098	6,315	5,959	5,337
205	67	31	103,320	30	109	508	2,296	5,637	13,144	36,379	20,946	24,262
36	6	4	20,227	246	359	440	2,073	2,525	2,633	5,473	1,655	4,823
39	17	7	19,434	860	1,002	1,207	1,920	1,905	2,149	2,674	2,211	2,509
3	1		2,375	69	126	294	489	596	801	(x)	(x)	
7			7,933	103	196	151	1,449	1,492	2,089	2,448		
	2	3	5,703	31	75	77	513	577	313			(x)
1	3	3	4,600	37	93	253	533	301	1,135	(x)	4,117	2,248
18	13	6	13,109	495	748	797	1,386	1,597	1,240	1,602	2,508	2,736
90	70	98	80,696	20	22	50	160	544	978	4,498	7,742	66,582
6	2	2	14,416	12	48	64	481	672	807	12,332	(x)	(x)
8			12,353	237	1,080	2,093	4,117	2,551	1,070	1,169		
2	4	2	12,967	37	200	129	445	445	(x)			
2			1,680	34	38	173	(x)	550	(x)	1,085	(x)	10,704
55	6		90,134	3,595	6,797	10,565	23,347	17,346	13,857	12,066	2,631	
7	3	2	10,728	44	97	157	1,139	1,524	1,398	2,242	(x)	4,127
15	7	3	27,960	61	210	553	1,647	3,699	5,240	5,035	4,716	6,799
9	1	1	10,430	116	359	711	2,130	2,628	1,771	2,715	(x)	(x)
22	3	1	35,409	236	402	1,171	3,705	7,205	8,960	9,431	4,299	(x)
11	2		7,769	4	121	322	1,392	3,204	1,434	1,232	(x)	
109	22	4	160,649	12,124	17,692	17,569	27,250	20,552	20,365	20,049	6,987	8,151
1			810	41	27	40	127	230	345	(x)		
156	57	52	129,660	13,691	9,348	8,453	11,951	10,977	13,704	16,600	14,139	30,797
1			1,004	35	123	168	183	495	(x)			
4	3	1	3,558	44	49	103	272	462	462	(x)	2,491	(x)
63	15	5	24,729	(x)	85	72	624	1,487	3,574	9,559	4,669	4,659
17	14	4	23,106	160	259	415	1,564	1,715	4,302	2,908	7,575	4,210
3	2	10	39,106			(x)	1,139	1,360	1,147	1,380	(x)	34,080
9	3	1	9,784	85	135	291	775	1,638	2,067	2,406	2,339	77
3	1	5	16,883	16	49	83	(x)	284	305	768	(x)	15,378
2			1,767	47	214	187	335	(x)	974	(x)		
22	1		1,689	11	6	(x)	32	159	377	1,004	(x)	
28	9	1	6,027	22	31	48	153	170	673	3,110	1,320	(x)
40	15	8	40,226	170	378	878	2,273	4,002	6,787	9,446	8,069	8,218
11	9	28	83,263	(x)	50	19	422	542	638	2,286	3,805	75,501

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—							
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1	Jute goods	21,869,757	(x)	8,049,194	21,180,204	64,889,656	103,671,538	177,500,103	231,697,058
2	Knit goods	899,716,672	2,297,173	8,049,194	21,180,204	64,889,656	103,671,538	177,500,103	231,697,058
3	Labels and tags	28,042,325	301,533	1,216,719	2,106,939	5,702,297	4,334,784	6,334,784	7,016,056
4	Lace goods	29,237,434	(x)	391,902	374,710	824,384	3,823,218	6,263,588	18,219,632
5	Lapidary work	11,942,421	488,731	947,532	260,279	1,488,604	3,171,809	5,615,460	(x)
6	Lasts and related products	7,089,555	114,819	341,533	771,506	2,029,306	3,532,891	(x)	(x)
7	Leather goods, not elsewhere classified	35,951,013	1,471,329	3,460,095	4,935,950	7,730,855	5,935,744	7,089,573	4,710,887
8	Leather: Tanned, curried, and finished	481,340,299	213,380	1,187,778	3,260,898	14,093,304	23,784,224	56,962,547	140,775,390
9	Lime	35,815,638	513,104	1,042,080	3,567,048	9,781,304	8,826,035	8,826,035	3,769,511
10	Linen goods	9,730,893	(x)	(x)	(x)	750,808	1,726,043	2,085,196	5,224,751
11	Linoleum	87,250,449	(x)	(x)	(x)	(x)	(x)	(x)	(x)
12	Liquors, vinous	2,447,012	77,366	140,785	483,188	1,740,590	(x)	(x)	(x)
13	Lithographing	121,014,321	348,768	1,530,501	4,976,302	17,495,254	23,681,562	21,428,113	39,959,459
14	Locomotives, not made in railroad repair shops	83,858,258	(x)	(x)	(x)	420,186	(x)	2,108,672	7,500,362
15	Lubricating oils and greases, not made in petroleum refineries	69,584,246	264,322	839,098	2,386,186	7,303,885	6,245,181	12,529,973	15,011,864
16	Lumber and timber products, not elsewhere classified	1,273,472,320	73,605,338	51,716,182	54,100,172	123,509,343	165,721,798	242,867,910	373,595,327
17	Macaroni, spaghetti, vermicelli, and noodles	47,074,230	1,391,949	2,954,688	3,306,782	9,193,186	7,312,734	11,243,038	17,071,853
18	Machine-tool accessories and small metal-working tools, not elsewhere classified	144,410,890	1,844,567	5,724,058	9,901,254	20,673,293	18,073,450	19,174,190	30,364,010
19	Machine tools	244,578,088	188,518	1,039,262	2,037,624	9,541,610	16,176,433	30,468,602	49,835,396
20	Malt	23,002,938	(x)	(x)	(x)	646,865	3,183,200	4,149,213	15,723,660
21	Marble, granite, slate, and other stone products	192,163,916	8,483,670	16,788,151	25,715,403	49,287,935	34,085,120	23,189,166	17,519,690
22	Matches	20,351,025	(x)	(x)	(x)	999,763	970,308	2,037,680	16,408,244
23	Mattresses and bed springs, not elsewhere classified	123,279,717	3,517,452	7,876,014	12,231,641	22,551,884	14,283,430	20,808,373	42,010,453
24	Meat packing, wholesale	3,434,654,098	1,825,418	3,705,100	9,987,624	38,533,055	60,577,827	128,799,588	250,130,530
25	Millinery	105,093,457	1,895,245	7,970,070	12,452,691	58,202,800	51,066,500	35,393,637	19,172,714
26	Minerals and earths, ground or otherwise treated	17,409,056	79,008	727,157	1,200,226	4,801,390	3,019,182	7,791,193	(x)
27	Mirrors, framed and unframed	19,287,897	362,944	1,825,357	2,349,665	5,017,192	5,128,050	3,924,689	(x)
28	Mirrors, framed and unframed	31,842,740	802,822	2,515,357	4,781,128	11,565,912	8,831,672	3,515,070	(x)
29	Models and patterns, not including paper patterns	30,021,074	4,500,753	7,773,795	6,871,483	6,087,925	2,085,807	9,656,625	30,421,163
30	Motion pictures, not including projection in theaters	184,102,419	301,120	827,022	1,490,784	1,511,389	3,742,874	46,965,906	92,757,401
31	Motor-vehicle bodies and motor-vehicle parts	1,537,929,793	2,732,251	7,095,937	11,630,584	27,230,020	35,237,580	13,444,352	40,292,525
32	Motor vehicles, not including motor cycles	3,722,793,274	100,516	623,370	2,225,898	4,010,380	6,335,857	13,444,352	40,292,525
33	Motor cycles, bicycles, and parts	23,894,805	83,277	731,179	779,581	1,415,107	3,816,464	3,458,978	(x)
34	Mucilage, paste, and other adhesives, except glue and rubber cement	6,038,387	390,066	781,179	779,581	1,415,107	3,816,464	3,458,978	(x)
35	Musical instrument parts and materials: Piano and organ	11,883,098	40,285	604,214	995,555	1,913,963	2,108,285	0,100,796	(x)
36	Musical instruments and parts and materials, not elsewhere classified	14,274,078	396,700	887,230	1,387,708	2,872,492	1,439,077	7,200,871	(x)
37	Musical instruments: Organs	11,322,736	191,286	537,876	585,167	2,270,495	1,342,644	6,395,278	(x)
38	Musical instruments: Pianos	42,501,375	93,090	223,285	613,370	2,893,923	3,870,635	11,064,403	23,142,649
39	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	12,854,745	80,827	498,144	499,043	1,554,820	4,882,839	1,910,737	3,928,526
40	Needles, pins, hooks and eyes, and snap fasteners	22,030,950	68,389	278,478	210,588	1,723,504	2,132,917	2,906,216	14,806,858
41	Nets and seines	6,164,403	40,437	157,893	(x)	1,120,042	(x)	4,836,631	(x)
42	Nonferrous-metal alloys and products, not including aluminum products	909,804,050	2,739,306	9,517,488	14,079,347	30,875,354	36,655,048	40,070,312	95,525,336
43	Oil, cake, and meal, cottonseed	298,376,030	40,366	508,851	2,575,810	22,143,963	62,011,738	95,279,339	78,451,105
44	Oil, cake, and meal, linseed	119,926,867	(x)	(x)	632,395	(x)	(x)	(x)	17,310,407
45	Oils, essential	6,653,353	92,214	145,035	(x)	(x)	1,006,633	(x)	5,178,162
46	Oils, not elsewhere classified	45,159,825	96,961	393,583	920,245	2,300,022	7,085,439	(x)	8,296,878
47	Oleomargarine, not made in meat-packing establishments	40,521,823	(x)	68,732	543,936	797,044	2,847,800	7,010,003	(x)
48	Optical goods	40,562,450	271,810	787,205	1,310,322	3,559,618	4,375,393	3,790,759	26,467,283
49	Paints and varnishes	568,975,838	1,355,633	5,102,171	12,614,986	38,001,642	48,705,285	68,595,002	133,830,505
50	Paper	967,186,026	111,251	324,621	2,850,698	12,485,007	48,500,569	104,273,350	395,303,516
51	Paper goods, not elsewhere classified	182,047,712	804,731	2,202,049	3,537,109	15,394,040	23,818,430	28,502,344	55,744,394
52	Patent or proprietary medicines and compounds	318,906,928	5,876,919	10,841,092	14,649,030	30,036,088	32,171,477	48,042,612	64,013,766
53	Paving materials: Asphalt, tar, crushed slag, and mixtures	29,275,369	282,800	595,831	2,030,628	5,850,438	6,546,901	18,668,771	(x)
54	Peanuts, walnuts, and other nuts, processed or shelled	49,609,894	197,387	466,375	1,273,104	8,673,781	15,311,432	13,209,878	10,476,847
55	Pencils, lead (including mechanical)	27,792,955	67,614	222,002	229,719	1,455,424	2,240,231	1,975,987	(x)
56	Pens, fountain and stylographic; pen points, gold, steel, and brass	34,211,384	135,284	504,994	1,118,041	3,231,948	2,027,768	5,238,765	(x)
57	Perfumes, cosmetics, and other toilet preparations	193,440,550	3,143,837	6,637,861	7,477,000	16,801,473	16,031,384	19,015,942	24,700,724
58	Petroleum refining	2,639,665,001	139,766	231,601	632,046	2,972,166	12,402,908	36,931,532	151,878,178
59	Phonographs	99,849,048	48,773	276,856	501,742	1,948,732	3,791,849	5,471,809	34,809,287
60	Photo-engraving, not done in printing establishments	77,382,259	1,340,725	5,637,636	11,769,892	25,610,766	16,009,543	6,628,861	10,378,836
61	Photographic apparatus and materials	102,827,386	335,757	879,319	949,681	3,195,465	3,062,839	7,102,576	(x)
62	Pipes (tobacco)	5,557,982	78,874	104,175	457,203	(x)	1,168,808	(x)	3,718,622
63	Planing-mill products (including general millwork), not made in planing mills connected with sawmills	563,583,498	16,612,412	36,793,436	64,068,949	141,150,124	110,988,300	87,065,692	75,504,415
64	Plated ware	55,429,959	106,971	308,856	829,806	4,948,964	6,026,477	6,003,726	9,919,696
65	Plumbers' supplies, not including pipe or vitreous-china sanitary ware	122,073,734	199,594	1,149,982	2,984,916	8,835,186	15,483,271	25,621,639	22,980,942
66	Pocketbooks, purses, and cardcases	68,627,515	353,393	1,771,558	3,639,305	13,425,720	15,841,582	11,675,455	21,920,608
67	Pottery, including porcelain ware	110,622,463	620,105	980,118	3,362,266	9,742,170	20,872,386	24,492,346	33,377,854
68	Poultry killing, dressing, and packing, wholesale	130,161,230	40,500	1,860,414	5,889,391	23,567,120	58,488,218	25,184,952	20,430,610
69	Printing and publishing, book and job	1,006,656,768	64,771,187	102,957,693	106,060,389	181,009,813	144,620,077	132,270,550	157,946,300
70	Printing and publishing, music	15,240,268	482,510	801,661	1,040,073	3,940,135	2,762,273	6,213,711	(x)
71	Printing and publishing, newspaper and periodical	1,738,298,892	70,374,654	72,126,703	94,690,802	125,175,213	135,348,319	175,882,800	236,890,459
72	Printing materials, not including type or ink	8,579,006	160,484	967,840	1,655,403	1,766,206	4,048,073	(x)	(x)
73	Pulp goods	27,219,892	118,868	254,833	400,404	1,125,249	1,036,726	2,963,223	(x)
74	Pulp (wood and other fiber)	238,928,270	(x)	(x)	(x)	4,111,340	12,272,265	29,470,195	95,920,216
75	Pumps (hand and power) and pumping equipment	164,009,397	887,493	1,616,018	2,795,741	10,356,213	12,110,889	32,337,164	25,121,281
76	Rayon and allied products	149,546,107	(x)	(x)	(x)	897,421	2,186,884	2,272,321	4,342,819
77	Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment	60,483,314	380,242	1,042,335	2,050,435	5,718,308	10,241,594	12,309,814	14,007,873
78	Refrigerators, mechanical	161,565,676	75,739	181,091	668,351	(x)	1,404,729	3,072,196	7,447,958
79	Regalia, badges, and emblems	7,927,214	241,915	819,419	739,425	1,824,081	(x)	4,202,374	(x)
80	Rice cleaning and polishing	48,793,777	39,215	116,307	(x)	883,329	4,001,616	10,790,874	33,161,946
81	Roofing, built-up and roll; asphalt shingles; roof coatings other than paint	103,506,890	162,077	313,633	555,801	1,865,420	3,109,902	11,434,389	46,183,649
82	Rubber goods other than tires, inner tubes, and boots and shoes	244,745,737	754,607	1,742,422	4,715,887	12,531,840	18,967,060	32,415,575	63,218,049
83	Rubber tires and inner tubes	770,178,890	(x)	277,798	208,758	2,190,131	3,952,390	3,998,411	18,205,745

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT— continued		VALUE ADDED BY MANUFACTURE FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)	Dollars (x)
121,780,921	168,873,825	443,015,714	1,344,592	4,470,075	10,276,698	31,044,089	49,552,510	82,113,842	110,367,178	62,627,168	91,219,002
(x)	(x)	17,480,661	217,160	787,369	1,403,852	3,087,441	3,034,808	4,096,064	4,809,907	(x)	(x)
(x)	(x)	19,125,081	(x)	129,449	195,615	478,501	2,083,873	4,119,243	12,135,600	(x)	(x)
		3,707,632	330,484	522,648	135,545	386,368	818,892	(x)	1,458,065	(x)	(x)
		5,374,058	84,381	238,177	549,061	2,000,328	2,443,011	(x)	(x)	(x)	(x)
		17,937,624	873,695	1,885,011	2,607,670	3,734,426	2,408,484	4,645,354	1,887,884	(x)	(x)
138,513,666	96,549,106	143,742,481	136,574	444,347	1,764,114	7,013,366	7,730,168	17,827,166	39,670,747	43,307,206	25,648,654
		21,607,898	346,305	1,035,953	2,080,857	4,500,260	6,123,240	5,238,569	2,486,705	(x)	(x)
		4,622,470	(x)	(x)	(x)	354,808	893,071	924,914	2,369,077	(x)	(x)
13,822,472	43,427,977	29,781,190	(x)	(x)	(x)	(x)	(x)	(x)	(x)	6,482,801	23,278,395
		1,839,055	46,952	42,205	304,622	1,445,216	(x)	(x)	(x)	(x)	(x)
11,594,242	(x)	82,022,179	284,537	1,215,879	3,481,179	11,562,402	15,184,187	14,682,811	27,612,167	8,009,017	(x)
		31,050,166	(x)	(x)	(x)	179,469	(x)	1,246,502	3,620,433	6,011,378	25,703,712
24,103,737	73,733,038	30,012,873	144,322	434,628	1,183,966	3,186,639	2,582,150	6,626,643	(x)	9,964,267	(x)
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
133,836,478	54,309,772	853,868,982	50,426,264	35,323,485	36,049,912	79,825,240	109,705,721	159,266,655	248,623,820	93,096,340	41,546,486
(x)	(x)	19,738,104	604,603	1,234,919	1,262,828	3,644,602	3,005,221	4,600,904	6,385,167	(x)	(x)
(x)	37,755,462	117,413,259	1,489,829	1,427,581	8,252,946	17,309,820	15,500,211	15,407,941	23,884,310	(x)	30,836,621
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
85,433,008	40,850,675	180,294,066	130,665	731,354	1,424,010	6,843,695	11,084,699	21,228,383	35,343,270	65,078,705	37,829,285
		4,679,189	(x)	(x)	(x)	115,915	837,244	893,796	2,832,234	(x)	(x)
17,114,765	(x)	134,620,078	6,184,178	11,321,909	17,234,678	34,210,731	23,612,737	10,093,212	13,315,354	12,553,229	(x)
(x)	(x)	7,824,698	(x)	(x)	(x)	291,724	293,321	1,015,684	9,838,879	9,824,069	(x)
306,370,092	2,629,607,490	409,526,341	1,904,067	3,792,876	5,472,617	9,845,365	6,492,929	9,038,879	24,905,988	(x)	(x)
		97,603,798	227,204	1,076,910	1,929,611	7,187,171	11,740,217	22,336,689	39,137,368	65,073,168	311,218,094
		8,471,173	1,188,337	4,494,157	10,962,782	29,352,964	26,422,188	17,715,821	8,467,549	(x)	(x)
		12,705,373	56,208	381,873	693,213	2,095,595	1,705,120	3,670,164	(x)	(x)	(x)
		10,183,691	236,717	1,139,483	1,515,220	3,505,216	3,642,404	2,606,338	(x)	(x)	(x)
		26,306,715	489,965	1,313,937	2,507,612	5,983,417	4,060,117	1,781,613	(x)	(x)	(x)
28,681,106	107,461,836	145,091,394	3,818,881	6,426,765	5,699,680	5,415,741	1,738,933	2,200,915	2,200,915	(x)	(x)
121,767,369	1,191,918,727	630,944,159	206,661	1,010,972	1,125,373	1,119,167	3,046,092	7,411,830	22,293,018	23,016,776	86,832,391
52,246,601	3,602,904,880	1,321,251,611	1,089,607	4,760,278	7,036,281	15,363,826	20,212,404	24,967,226	47,629,673	62,597,358	496,681,503
18,459,426	(x)	12,613,478	66,290	275,787	1,013,425	1,920,352	2,514,477	5,228,255	15,514,776	16,408,462	1,278,330,687
		2,069,680	227,217	349,729	406,192	544,711	1,441,891	(x)	(x)	9,778,050	(x)
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
		7,635,179	20,522	420,360	638,704	1,220,118	1,347,411	3,972,074	(x)	(x)	(x)
		10,448,784	270,780	580,947	969,812	2,039,361	977,129	5,610,716	(x)	(x)	(x)
		8,232,060	138,747	365,190	390,656	1,564,730	1,034,657	4,738,074	(x)	(x)	(x)
(x)		23,634,938	60,463	160,598	353,977	1,758,234	2,323,400	6,240,515	12,737,671	(x)	(x)
		6,809,834	47,895	304,570	308,205	806,778	2,323,615	1,180,297	1,927,754	(x)	(x)
		15,843,128	48,031	155,384	127,909	1,329,577	1,401,422	2,007,053	10,773,752	(x)	(x)
107,274,309	507,007,551	2,375,047	25,531	45,173	(x)	423,491	(x)	1,880,912	(x)	(x)	(x)
		309,393,137	1,640,093	5,331,429	7,341,541	18,201,785	17,181,681	16,909,385	35,995,158	38,597,313	168,294,282
		49,356,239	10,802	142,677	605,333	4,556,356	11,734,902	15,378,760	13,744,433	3,182,616	11,060,183
36,484,858	60,314,459	18,364,080	55,489	61,708	140,071	(x)	490,023	(x)	2,946,356	4,217,620	(x)
32,719,676	(x)	2,849,125	630,944	171,878	116,140	742,034	2,331,355	(x)	1,259,759	(x)	(x)
26,087,617	21,874,937	8,264,319	00,089	320,512	320,512	323,943	1,111,909	2,965,949	1,727,022	2,855,479	(x)
12,639,371	(x)	16,631,748	(x)	23,046	178,866	(x)	(x)	(x)	(x)	4,663,842	6,364,204
		28,703,331	202,075	516,193	897,809	2,284,600	2,877,440	2,684,104	19,841,110	(x)	(x)
125,117,733	117,722,881	234,843,773	705,870	2,275,212	5,322,799	10,198,165	20,196,102	34,870,541	55,648,284	54,608,496	45,018,304
224,309,682	246,204,294	392,578,048	49,305	120,951	1,372,072	5,770,966	17,550,157	45,041,183	131,952,749	91,287,897	99,426,708
19,728,910	32,924,805	638,824	1,081,100	1,734,069	6,455,180	9,815,930	11,172,784	23,223,035	8,513,128	19,955,880	50
59,444,247	53,826,697	224,137,065	3,852,994	7,153,111	9,691,391	20,090,161	21,941,291	33,821,810	44,756,514	45,321,175	38,402,738
(x)	(x)	15,686,867	179,894	371,230	1,271,612	3,572,733	4,231,466	6,069,838	(x)	(x)	52
		10,070,408	93,054	173,852	233,709	1,893,272	3,015,009	2,108,470	2,864,042	(x)	(x)
21,691,978	(x)	17,016,659	36,894	148,833	112,240	975,225	1,843,055	1,130,824	(x)	13,269,622	(x)
	21,864,584	22,751,973	88,204	250,295	611,123	1,589,477	3,448,729	3,448,729	(x)	(x)	15,891,868
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
43,546,078	55,306,661	135,141,671	1,027,317	4,014,236	4,397,453	10,346,219	10,490,751	12,992,878	17,847,668	31,184,964	41,940,087
248,226,685	2,186,160,110	608,323,693	80,936	62,647	187,061	1,001,834	3,668,933	7,439,643	30,011,736	47,229,533	518,640,620
(x)	(x)	59,525,911	32,898	180,655	263,609	1,080,606	2,787,818	68,856,366	(x)	(x)	(x)
		00,370,138	1,120,382	4,831,319	10,297,222	22,790,822	18,910,956	5,414,326	8,014,111	(x)	(x)
	87,501,749	72,434,855	238,222	587,576	523,964	1,075,068	2,015,890	4,329,165	(x)	(x)	62,794,970
(x)	(x)	3,808,760	63,893	78,341	287,934	(x)	840,318	(x)	2,638,274	(x)	(x)
21,340,170	(x)	257,574,969	8,947,721	10,295,274	31,844,159	67,923,625	51,169,062	39,332,390	32,542,341	6,520,427	(x)
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
24,683,807	27,734,447	38,678,974	67,693	204,024	538,943	3,407,205	4,368,761	4,066,831	6,682,542	(x)	19,292,975
(x)	(x)	80,641,185	117,645	670,698	1,062,803	5,132,575	9,137,390	14,591,607	13,336,952	17,158,176	18,930,339
		(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
17,176,199	(x)	33,275,910	225,312	969,599	1,994,610	6,701,645	7,864,350	5,667,547	9,858,823	(x)	(x)
(x)	(x)	83,015,089	500,757	748,748	2,575,070	7,518,245	16,190,311	18,667,181	25,069,407	(x)	(x)
78,091,101	38,923,649	23,205,724	11,200	376,579	1,089,236	4,202,986	8,993,586	4,534,281	4,778,868	12,371,801	(x)
		730,097,403	46,452,445	73,462,983	75,330,606	129,241,852	103,290,141	96,137,165	122,931,618	62,634,170	30,429,393
199,138,015	628,701,318	13,698,226	760,693	682,006	5,082,006	3,024,808	2,208,567	5,663,707	(x)	(x)	(x)
		1,346,561,187	59,877,800	62,143,132	84,218,552	107,584,945	113,409,664	142,587,070	185,015,228	146,449,489	445,277,067
		6,394,462	117,624	713,139	1,208,423	1,375,036	2,920,843	(x)	(x)	(x)	(x)
21,320,539	(x)	15,162,132	63,596	135,416	180,191	575,761	508,821	1,513,946	(x)	(x)	(x)
50,773,001	45,640,535	90,175,550	90,175,550	128,380	170,660	1,363,218	4,829,914	11,030,122	35,633,606	17,989,779	19,044,281
48,837,281	29,947,312	97,207,925	509,555	988,709	1,765,659	6,107,298	7,218,794	18,789,442	14,467,087	20,295,354	18,065,127
	139,846,662	116,211,354	(x)	(x)	(x)	180,056	1,222,265	1,569,260	3,195,192	(x)	110,064,561
14,728,713	(x)	34,032,166	237,038	566,523	1,190,741	3,264,734	5,717,148	6,942,487	8,360,322	7,714,173	(x)
		(x)	(x)	(x)	(x)	(

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—						
		Total	\$5,000 to \$10,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999
1	Saddlery and harness.....	260	106	51	45	36	12	8
2	Safes and vaults.....	27	4	3	4	4	4	3
3	Salt.....	58	3	5	4	12	8	12
4	Sand-lime brick.....	40	7	12	11	9	1	1
5	Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.	681	157	143	113	146	73	35
6	Saws.....	81	28	14	12	13	7	3
7	Scales and balances.....	59	9	9	7	12	8	6
8	Screw-machine products and wood screws.....	273	29	57	45	57	38	19
9	Sewing machines and attachments.....	39	12	4	4	4	3	4
10	Ship and boat building, steel and wooden, including repair work.....	624	172	128	94	94	56	81
11	Shirts.....	863	133	190	140	171	109	74
12	Shortenings (not including lard) and vegetable cooking oils.....	40	1	1	1	1	6	4
13	Signs and advertising novelties.....	1,289	533	303	166	137	68	28
14	Silk and rayon manufactures.....	1,491	201	214	218	316	202	166
15	Silversmithing and silverware.....	83	12	21	11	21	7	4
16	Smelting and refining, copper.....	26	19	10	6	18	10	18
17	Smelting and refining, lead.....	100	11	10	6	18	10	18
18	Smelting and refining, metals other than gold, silver, or platinum, not from the ore.	30	30	15	15	2	2	3
19	Smelting and refining, zinc.....	282	68	51	52	42	21	11
20	Soap.....	54	10	15	4	11	4	3
21	Soda-water apparatus.....	242	68	42	38	47	18	15
22	Sporting and athletic goods, not including firearms or ammunition.....	86	15	19	15	7	11	10
23	Springs, steel, except wire, not made in plants operated in connection with rolling mills.	582	82	110	97	108	78	50
24	Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.	203	34	31	33	43	20	18
25	Stationery goods, not elsewhere classified.....	171	61	50	32	21	6	1
26	Statuary and art goods, factory product.....	171	32	44	27	34	12	12
27	Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	240	21	28	23	37	30	42
28	Steam fittings and steam and hot-water heating apparatus.....	53	2	3	5	8	8	14
29	Steel barrels, kegs, and drums.....	230	23	43	61	73	18	8
30	Stereotyping and electrotyping, not done in printing establishments.	600	93	88	74	113	93	70
31	Stoves and ranges (other than electric) and warm-air furnaces.....	1,482	281	283	241	314	165	106
32	Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.	82	2	3	1	12	26	6
33	Sugar, beet.....	70	2	3	15	21	21	6
34	Sugar, cane, not including products of refineries.....	21	21	18	11	16	11	9
35	Sugar refining, cane.....	363	182	80	25	44	15	7
36	Surgical and orthopedic appliances, including artificial limbs.....	91	21	18	11	16	11	9
37	Suspenders, garters, and other elastic woven goods, made from purchased webbing.	126	11	19	22	30	24	9
38	Tanning materials, natural dyestuffs, mordants and assistants, and sizes.	376	80	90	67	68	33	15
39	Textile machinery and parts.....	55	17	12	10	12	3	2
40	Theatrical scenery and stage equipment.....	7	24	16	18	33	27	30
41	Tin and other foils, not including gold foil.....	232	58	24	23	13	12	3
42	Tin cans and other tinware, not elsewhere classified.....	152	58	24	23	13	12	3
43	Tobacco: Chewing and smoking, and snuff.....	534	195	110	62	73	38	35
44	Tools, not including edge tools, machine tools, files, or saws.....	476	108	98	92	102	41	26
45	Toys (not including children's wheel goods or sleds), games, and playground equipment.	639	253	204	104	47	18	7
46	Trimmings (not made in textile mills) and stamped art goods for embroidering.	467	117	120	82	86	33	18
47	Trunks, suitcases, and bags.....	1,183	523	517	104	35	3	1
48	Turpentine and rosin.....	26	1	1	2	6	1	1
49	Typewriters and parts.....	141	26	27	42	27	13	4
50	Umbrellas, parasols, and canes.....	53	15	8	8	10	5	4
51	Upholstering materials, not elsewhere classified.....	172	66	45	31	22	7	1
52	Vinegar and cider.....	56	3	3	4	11	17	9
53	Wall paper.....	236	57	43	43	38	19	17
54	Wall plaster, wall board, insulating board, and floor composition.....	65	10	7	6	9	9	8
55	Washing machines, wringers, driers, and ironing machines, for household use.	136	10	13	25	44	26	13
56	Waste.....	17	6	5	3	3	5	3
57	Watch and clock materials and parts, except watchcases.....	40	1	9	10	8	2	2
58	Watchcases.....	8	5	2	1	1	1	1
59	Watches and watch movements.....	8	2	1	1	1	1	1
60	Whips.....	15	2	2	1	7	1	2
61	Windmills and windmill towers.....	280	121	67	40	27	16	6
62	Window and door screens and weather strip.....	482	228	140	52	31	17	9
63	Window shades and fixtures.....	81	1	1	8	4	6	15
64	Wire, drawn from purchased bars or rods.....	547	140	123	32	83	49	27
65	Wirework, not elsewhere classified.....	91	13	10	16	23	13	7
66	Wood distillation and charcoal manufacture.....	199	6	12	13	28	23	43
67	Wood preserving.....	394	317	256	141	117	45	15
68	Wood turned and shaped and other wooden goods, not elsewhere classified.	460	33	33	40	74	96	102
69	Woolen goods.....	18	2	3	3	3	2	3
70	Wool pulling.....	21	5	7	7	5	2	2
71	Wool scouring.....	50	4	9	5	16	5	6
72	Wool shoddy.....	264	5	17	6	17	42	45
73	Worsted goods.....	50	1	1	6	9	9	8
74	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.	175	26	42	29	20	8	16
75	All other industries ¹							

¹ Billiard and pool tables, bowling alleys, and accessories, 40 establishments; boots and shoes, rubber, 22; collars, men's, 15; drug grinding, 26; flax and hemp, dressed, 6; hats, wool-felt, 14; hones, whetstones, and similar products, 6; mats and matting, grass and coir, 7; oilcloth, 9; sandpaper, emery paper, and other abrasive paper and cloth, 11; type founding, 19. The figures for these industries have been combined to avoid the necessity of making numerous combinations of items for widely separated groups.

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—continued			WAGE EARNERS (AVERAGE FOR THE YEAR) IN ESTABLISHMENTS WITH PRODUCTS VALUED AT—											
\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over		
2			3,339	254	332	428	858	521	046	(x)			1	
1	4		3,033	10	23	87	152	282	875	(x)			2	
12	2		5,458	20	32	87	441	489	1,180	3,200	2,104	(x)	3	
			566	22	109	146			(x)				4	
18	1		5,897	94	280	527	1,322	1,427	1,163	1,084	(x)		5	
1	2	1	4,187	73	113	185	359	548	231	(x)	2,678	(x)	6	
5	2	1	4,118	19	58	113	414	405	649	1,075	1,885	(x)	7	
20	7	1	19,881	92	391	671	1,593	2,650	2,451	5,244	6,889	(x)	8	
3	4	1	10,467	26	31	18	57	268	680	(x)	8,875	(x)	9	
25	17	7	55,089	655	1,094	1,820	3,768	5,018	5,380	9,369	11,537	10,448	10	
39	5	2	59,830	1,073	5,383	5,842	9,589	10,211	10,196	11,077	5,869	(x)	11	
7	0	14	2,712	(x)		10	(x)	57	66	272	386	1,071	12	
11	2	1	20,000	1,326	1,887	1,943	3,556	3,813	2,702	2,787	1,086	(x)	13	
121	32	21	130,467	1,117	3,618	7,270	17,753	17,333	20,171	29,799	13,283	20,123	14	
4	2	1	5,007	25	125	110	532	382	(x)	567	2,292	813	15	
1	3	22	14,544										16	
16	8	16	4,819										17	
		4	4,134										18	
				18	30	13	130	220	398	958	1,637	721	17	
9	10	6	11,618				(x)						19	
14	6	17	14,303	135	163	253	407	425	804	1,260	1,269	10,057	20	
4	2	1	2,764	17	73	20	245	123	246	2,081	(x)	(x)	21	
11	2	1	10,793	212	368	659	1,541	1,459	1,813	2,478	2,273	(x)	22	
5	2	2	5,842	50	131	195	198	538	999	1,089	2,042	(x)	23	
42	14	1	40,000	307	928	1,524	3,906	5,512	6,700	12,557	8,506	(x)	24	
9	4	2	11,078	96	172	419	1,111	1,859	1,088	2,030	3,403	(x)	25	
6	4		2,112	101	370	433	646	502	(x)				26	
			7,260	52	204	269	666	480	1,006	2,393	2,136		27	
44	0	0	39,621	63	141	190	942	1,871	5,137	11,269	6,641	13,367	28	
10	3		4,110	(x)	21	82	168	348	954	1,711	846	5,370	29	
3	1		6,487	50	297	822	2,000	925	886	1,607	(x)	10,057	30	
61	14	3	40,616	314	516	1,087	3,957	6,809	8,649	14,953	6,204	3,977	31	
64	19	9	54,947	743	1,008	2,653	6,884	7,121	9,060	10,977	6,436	9,465	32	
35	8		7,406				(x)	465	1,628	3,813	1,590		33	
2			2,319	(x)	20	230	502	779	728	(x)			34	
		21	13,912										13,912	35
5	2	3	7,910	435	460	313	1,142	902	804	1,134	(x)	2,720	36	
3	1	1	4,341	39	92	385	346	638	761	2,080	(x)	(x)	37	
11			2,419	27	67	110	366	757	293	799			38	
11	7	5	27,019	269	717	988	2,187	2,482	2,421	3,835	5,110	9,010	39	
1			547	51	62	88	200	146		(x)			40	
2	2	1	1,710							(x)			41	
47	23	14	31,497	67	125	242	893	1,805	3,192	9,714	16,459	(x)	42	
4	1	14	10,811	115	94	231	429	642	486	660	(x)	8,164	43	
18	3	14	19,305	588	764	812	2,257	2,469	4,781	5,434	2,200		44	
8	1		10,600	333	360	1,495	3,392	3,480	4,395	2,700	(x)		45	
5	1		7,934	878	1,545	1,652	1,305	837	584	1,138	(x)		46	
11			11,359	273	708	930	2,286	2,131	2,194	2,837			47	
6	4	4	40,157	9,025	18,092	6,636	5,130	1,874	(x)	(x)			48	
2			16,945	(x)	(x)	132	311	(x)	(x)	2,879	3,576	9,997	49	
2			2,855	57	99	359	576	762	1,002	(x)			50	
3			1,410	148	48	125	183	128	350	428			51	
			979	103	191	203	296	186	(x)				52	
11			4,705	(x)	19	36	293	964	934	2,459			53	
9	4	1	7,402	136	181	430	797	918	1,606	(x)	3,894	(x)	54	
7	5	4	8,189	41	44	77	243	441	796	932	1,429	4,186	55	
5			3,905	30	94	200	969	956	959	637			56	
			311	18	55	65	173						57	
			3,404	(x)	37	121	216	198	470	2,366	(x)		58	
3	1	2	10,738					(x)	(x)	2,231	(x)	8,507	59	
1		3	57	21	36	(x)							60	
2	1		1,554	(x)			287	(x)	332	936	(x)		61	
3			4,034	313	368	436	647	1,061	637	572			62	
4			4,708	355	448	417	597	638	853	1,400	(x)		63	
23	1		22,467		(x)	153	84	320	1,650	3,900	6,347	10,018	64	
25	14	10	22,388	435	828	1,127	2,880	2,968	2,866	5,770	2,426	3,588	65	
9	6	3	4,648	45	94	320	713	822	596	2,058			66	
57			13,077	12	43	128	360	600	2,140	6,226	2,497	1,011	67	
3	14	3	18,712	1,265	2,865	2,865	4,581	4,026	2,400	947			68	
67	11	4	58,474	94	384	863	3,576	8,580	10,065	18,187	5,955	4,785	69	
3	2		506		(x)	55	74	(x)	102	365	(x)		70	
2			1,302		50	177		1,076	(x)				71	
5			1,762	8	66	59	390	188	485	576			72	
75			88,485	40	221	207	806	3,045	5,565	19,712	17,580	41,363	73	
7	3	24	11,417		(x)	73	302	378	716	1,840	962	7,146	74	
10	12	12	36,501	98	341	375	673	560	2,012	2,751	9,894	19,797	75	

CENSUS OF MANUFACTURES: 1929

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORD

[See note at

ALL INDUSTRIES		VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—							
		Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999
1	Saddlery and harness.....	Dollars 23,338,655	Dollars 1,733,035	Dollars 3,237,368	Dollars 3,237,183	Dollars 5,768,973	Dollars 4,195,523	Dollars 7,396,473	Dollars (x)
2	Safes and vaults.....	19,362,192	51,683	80,213	310,313	522,348	1,330,205	2,250,232	(x)
3	Salt.....	37,868,697	47,327	175,114	337,409	2,000,073	3,051,925	7,983,904	24,182,855
4	Sand-lime brick.....	2,970,923	57,900	403,479	779,585	1,729,850	(x)	(x)	(x)
5	Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.	108,246,194	1,864,957	4,698,697	7,891,641	22,747,801	25,403,008	24,653,791	20,986,801
6	Saws.....	22,614,958	327,637	460,334	809,676	2,132,976	2,554,119	2,247,833	(x)
7	Scales and balances.....	30,381,424	105,462	291,823	471,036	2,270,571	2,533,838	3,769,651	6,763,494
8	Screw-machine products and wood screws.....	105,074,602	394,862	1,953,800	3,042,055	9,073,337	13,648,605	13,705,847	30,689,063
9	Sewing machines and attachments.....	45,094,600	131,493	162,073	227,748	522,465	1,077,403	2,897,766	4,676,894
10	Ship and boat building, steel and wooden, including repair work.	231,300,165	1,963,177	4,077,509	6,694,105	15,166,380	20,256,838	23,274,862	39,269,294
11	Shirts.....	228,321,616	1,609,900	6,237,312	10,139,010	27,890,823	38,584,247	53,413,204	56,522,594
12	Shortenings (not including lard) and vegetable cooking oils.	154,653,197	(x)	(x)	210,003	(x)	2,125,537	3,108,027	11,910,611
13	Signs and advertising novelties.....	118,044,157	5,675,794	9,680,145	10,950,676	21,647,287	23,288,741	17,896,305	16,225,292
14	Silk and rayon manufactures.....	731,200,231	2,299,698	7,326,914	15,598,018	51,322,331	72,363,079	117,581,390	184,191,147
15	Silversmithing and silverware.....	30,452,309	151,114	726,907	748,373	3,428,726	2,312,521	2,822,452	6,081,321
16	Smelting and refining, copper.....	694,783,892	(x)	(x)	(x)	(x)	(x)	(x)	(x)
17	Smelting and refining, lead.....	232,115,009	(x)	(x)	(x)	(x)	(x)	(x)	(x)
18	Smelting and refining, metals other than gold, silver, or platinum, not from the ore.	105,882,655	129,950	380,928	408,732	2,708,354	5,467,254	12,970,087	27,966,709
19	Smelting and refining, zinc.....	118,901,070	(x)	(x)	(x)	(x)	(x)	(x)	(x)
20	Soap.....	310,791,630	826,577	1,687,674	3,647,401	7,006,702	7,790,476	7,843,107	20,695,520
21	Soda-water apparatus.....	24,509,783	129,113	542,181	269,723	1,748,273	1,356,469	1,952,089	18,511,036
22	Sporting and athletic goods, not including firearms or ammunition.	58,288,728	742,044	1,286,172	2,622,391	7,130,282	6,280,691	9,955,597	16,185,740
23	Springs, steel, except wire, not made in plants operated in connection with rolling mills.	46,672,310	197,688	890,874	1,373,564	1,129,120	4,002,190	6,645,456	9,531,208
24	Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.	204,306,134	1,128,102	3,666,838	7,271,450	18,050,604	27,465,326	33,040,946	60,808,677
25	Stationery goods, not elsewhere classified.....	74,062,047	448,363	1,026,408	2,470,827	7,054,477	10,681,368	12,793,916	13,403,438
26	Statuary and art goods, factory product.....	10,045,159	667,950	1,513,363	2,121,397	3,809,366	2,433,083	(x)	(x)
27	Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.	45,433,135	314,711	1,512,941	1,907,242	5,520,705	4,198,013	8,485,716	10,337,668
28	Steam fittings and steam and hot-water heating apparatus.	228,310,254	231,567	939,781	1,027,592	6,370,869	10,994,042	30,419,489	70,608,993
29	Steel barrels, kegs, and drums.....	37,825,027	(x)	114,066	309,409	1,418,773	2,778,082	9,573,400	15,270,805
30	Stereotyping and electrotyping, not done in printing establishments.	35,617,297	260,648	1,471,474	4,594,667	11,171,008	6,478,471	5,725,604	6,906,425
31	Stoves and ranges (other than electric) and warm-air furnaces.	271,747,009	1,425,513	3,027,250	5,397,336	19,844,091	33,217,610	49,714,115	93,226,314
32	Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.	477,036,827	3,325,467	9,207,040	17,342,130	51,099,382	69,247,887	74,932,926	98,945,851
33	Sugar, beet.....	108,552,681	(x)	(x)	(x)	(x)	4,498,043	19,057,393	55,629,827
34	Sugar, cane, not including products of refineries.....	18,325,792	(x)	118,882	1,057,693	3,632,566	7,332,557	6,184,094	(x)
35	Sugar refining, cane.....	507,389,262	(x)	(x)	(x)	(x)	(x)	(x)	(x)
36	Surgical and orthopedic appliances, including artificial limbs.	71,607,119	2,018,866	2,652,852	1,876,301	6,702,711	5,213,197	4,476,626	7,618,145
37	Suspenders, garters, and other elastic woven goods, made from purchased webbing.	30,473,169	229,373	541,482	779,817	2,707,165	4,069,846	5,076,861	17,078,625
38	Tanning materials, natural dyestuffs, mordants and assistants, and sizes.	39,836,035	164,793	673,455	1,533,093	4,801,881	8,586,600	6,019,140	18,057,163
39	Textile machinery and parts.....	122,438,514	1,017,110	2,931,110	4,593,720	10,393,873	12,289,267	11,182,718	16,754,311
40	Theatrical scenery and stage equipment.....	5,507,827	106,251	432,284	754,229	1,935,156	2,139,907	(x)	(x)
41	Tin and other foils, not including gold foil.....	20,954,849	(x)	(x)	(x)	(x)	(x)	(x)	(x)
42	Tin cans and other tinware, not elsewhere classified.....	296,901,426	264,533	610,134	1,319,398	5,391,108	10,312,269	23,344,780	75,924,332
43	Tobacco: Chewing and smoking, and snuff.....	179,332,951	656,648	825,046	1,622,978	2,475,491	4,114,774	2,140,098	8,883,835
44	Tools, not including edge tools, machine tools, files, or saws.	99,462,032	2,143,925	3,558,073	4,469,003	11,876,946	13,177,832	25,355,458	29,022,078
45	Toys (not including children's wheel goods or sleds), games, and playground equipment.	74,828,981	1,209,226	3,170,306	6,624,186	16,010,218	14,770,186	18,278,553	14,806,806
46	Trimmings (not made in textile mills) and stamped art goods for embroidering.	45,179,933	2,818,811	6,289,650	7,156,621	7,482,064	6,520,013	5,011,505	9,024,858
47	Trunks, suitcases, and bags.....	63,668,929	1,321,412	3,920,216	5,713,330	13,069,963	11,395,595	11,780,626	16,767,787
48	Turpentine and rosin.....	36,281,632	6,668,045	16,121,155	6,786,678	5,314,891	1,399,993	(x)	(x)
49	Typewriters and parts.....	61,857,615	(x)	(x)	500,360	959,557	(x)	(x)	10,363,028
50	Umbrellas, parasols, and canes.....	17,994,376	320,245	844,707	2,943,231	4,350,710	4,408,157	5,127,326	(x)
51	Upholstering materials, not elsewhere classified.....	11,234,192	248,363	232,834	610,544	1,677,752	1,518,294	2,724,203	4,222,212
52	Vinegar and cider.....	10,450,332	637,011	1,608,724	2,192,388	3,086,756	2,024,853	(x)	(x)
53	Wall paper.....	30,067,049	(x)	126,686	312,398	1,864,896	6,390,710	6,793,075	14,519,984
54	Wall plaster, wall board, insulating board, and floor composition.	70,662,746	774,131	1,519,916	3,218,262	6,869,207	7,025,429	12,136,095	(x)
55	Washing machines, wringers, driers, and ironing machines, for household use.	82,320,924	151,093	209,735	404,273	1,539,101	3,376,786	6,252,334	10,498,029
56	Waste.....	36,013,705	123,554	452,632	1,797,781	7,254,967	9,090,449	9,871,385	7,423,037
57	Watch and clock materials and parts, except watchcases.	930,837	70,410	182,255	194,270	453,902	(x)	(x)	(x)
58	Watchcases.....	13,491,045	(x)	333,631	783,627	1,131,967	1,517,830	2,168,554	7,660,486
59	Watches and watch movements.....	34,379,399	(x)	(x)	(x)	(x)	(x)	(x)	10,406,977
60	Whips.....	224,219	77,031	147,188	(x)	(x)	(x)	(x)	(x)
61	Windmills and windmill towers.....	8,640,285	(x)	(x)	(x)	1,238,839	(x)	1,714,906	5,687,124
62	Window and door screens and weather strip.....	24,451,700	1,410,194	2,069,494	2,773,603	4,142,934	6,071,298	4,526,342	3,425,342
63	Window shades and fixtures.....	38,804,904	2,044,519	4,067,869	3,739,387	5,302,594	5,878,208	5,973,856	9,544,893
64	Wire, drawn from purchased bars or rods.....	213,997,410	(x)	(x)	639,875	638,513	2,126,774	11,417,233	34,435,010
65	Wirework, not elsewhere classified.....	149,805,049	1,682,284	4,943,183	5,839,706	13,559,059	17,559,602	18,549,203	39,830,161
66	Wood distillation and charcoal manufacture.....	29,599,672	140,341	301,719	1,211,572	3,629,674	4,510,450	5,120,472	14,676,444
67	Wood preserving.....	190,344,645	59,270	866,282	1,042,994	4,903,221	8,051,956	29,741,039	86,909,443
68	Wood turned and shaped and other wooden goods, not elsewhere classified.	69,619,990	3,418,998	8,251,931	10,182,933	18,216,352	18,962,583	9,880,850	3,706,443
69	Woolen goods.....	290,938,949	352,753	1,109,272	2,912,886	13,014,602	35,383,613	73,530,065	98,287,759
70	Wool pulling.....	13,648,064	(x)	237,663	1,421,658	(x)	(x)	1,997,650	9,941,093
71	Wool scouring.....	6,241,264	(x)	195,551	560,492	(x)	5,485,221	(x)	(x)
72	Wool shoddy.....	16,344,978	34,923	274,737	323,080	2,604,086	1,716,141	4,040,360	6,281,742
73	Worsteds goods.....	636,067,999	52,268	530,222	451,105	2,851,393	15,005,905	32,302,217	123,682,656
74	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.	124,658,066	(x)	(x)	499,689	1,826,223	3,164,787	5,696,659	14,839,512
75	All other industries.....	184,511,721	301,724	1,320,167	2,138,975	3,170,930	2,854,456	11,305,094	16,326,091

SIZE OF ESTABLISHMENTS

ING TO VALUE OF PRODUCTS, BY INDUSTRIES: 1929—Continued

head of table]

VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT— continued		VALUE ADDED BY MANUFACTURE FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—										
\$2,500,000 to \$4,999,999	\$5,000,000 and over	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over	
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
14,808,198 (x)		9,594,431	648,353	831,151	1,491,570	2,364,215	1,587,648	2,581,487	(x)	0,911,645 (x)		1
(x)		12,989,731	31,071	54,637	108,528	804,348	870,345	1,538,557	(x)			2
		23,680,900	20,052	132,638	210,189	1,325,939	1,013,538	5,639,950	14,429,588			3
		2,026,389	93,900	209,828	528,326	1,138,356	(x)	(x)	(x)			4
		20,374,607	518,429	1,186,918	2,137,686	5,082,112	6,391,203	5,482,425	6,476,534			5
14,076,333 (x)		15,730,627	248,955	345,534	527,525	1,418,381	1,700,139	1,260,358	(x)	10,220,735 (x)		6
14,175,544 (x)		22,943,234	83,739	178,150	344,344	1,725,535	1,741,080	2,490,026	4,760,131	11,624,629 (x)		7
53,487,093 (x)		66,512,094	209,500	1,390,065	1,917,839	5,040,082	8,784,889	8,245,153	10,427,474	20,837,492 (x)		8
53,300,982 (x)	55,598,753	28,636,176	95,579	119,575	162,009	370,295	712,192	2,364,520	2,076,283 (x)	21,834,322 (x)		9
	67,297,968	145,451,475	1,238,008	2,598,233	4,235,090	9,373,131	12,669,207	15,430,829	26,405,714	31,748,559	41,752,014	10
33,923,566 (x)		111,643,120	1,270,615	4,752,977	7,040,280	15,342,171	18,352,488	22,128,618	25,778,982	16,864,879 (x)		11
19,091,205 (x)	118,107,814	15,522,233	(x)	46,024	46,024	401,233	401,233	201,274	1,769,467	2,115,492	10,929,507	12
12,679,917 (x)		82,342,745	4,170,788	6,883,354	7,576,020	14,796,406	15,497,717	12,397,987	11,132,078	9,918,391 (x)		13
102,579,048 (x)	177,907,106	319,018,971	1,936,787	5,619,035	10,738,043	29,619,821	34,071,557	48,842,378	75,190,253	41,921,064 (x)	70,470,433 (x)	14
14,180,352 (x)		20,317,653	107,523	433,022	432,768	2,053,824	1,500,779	1,601,066	4,004,394	10,074,282 (x)		15
8,270,778 (x)	55,598,753	74,432,421						(x)	(x)	1,424,309	73,965,097 (x)	16
10,108,019 (x)		28,201,279								486,724	26,770,470 (x)	17
28,830,971 (x)		22,487,737	57,780	122,078	96,421	690,781	1,163,571	2,370,278	5,030,165	1,124,309	3,458,313	18
35,722,460 (x)	63,861,801	44,140,982								967,154	9,393,305 (x)	19
19,760,430 (x)	240,933,523	129,838,546	429,798	804,821	1,758,730	2,932,958	3,461,375	3,569,104	4,261,515	3,569,104	20,519,008 (x)	20
14,076,841 (x)		14,019,912	80,299	305,201	148,106	923,819	714,540	1,086,205	1,076,673	1,086,205	97,165,995 (x)	21
		33,300,492	499,053	840,220	1,572,340	4,220,644	3,556,819	6,108,691	8,828,069	8,180,662 (x)		22
22,002,219 (x)		21,290,841	148,307	640,440	906,200	704,051	2,277,031	3,205,810	3,770,044	9,545,458 (x)		23
52,860,182 (x)		110,660,039	761,787	2,455,841	4,461,753	10,874,012	15,870,908	19,217,934	34,898,097	28,125,407 (x)		24
26,193,160 (x)		41,884,160	285,485	626,231	1,461,288	4,163,098	5,879,577	6,146,488	7,822,617	15,500,376 (x)		25
13,156,139 (x)		8,000,204	537,944	1,188,785	1,500,358	2,660,846	2,022,271	(x)	(x)			26
		23,330,646	104,301	844,024	1,108,967	2,961,527	2,201,111	4,280,831	5,671,176	6,514,710		27
32,740,099 (x)	74,377,222	155,001,986	158,137	635,885	1,073,450	4,019,239	6,025,560	19,788,744	47,825,066	23,057,315	52,117,000	28
8,360,462 (x)		15,878,408		42,199	176,301	602,187	1,107,627	3,269,731	5,997,355	4,622,568 (x)		29
46,454,674 (x)	10,440,100	29,070,410	220,704	1,180,092	3,910,784	9,394,503	4,612,073	4,682,938	5,068,667			30
66,448,746 (x)	96,436,798	170,999,060	813,232	1,828,379	3,173,253	12,521,902	20,667,156	30,442,712	55,804,782	31,837,523	13,911,021	31
		232,340,573	2,198,518	5,649,293	10,080,511	27,887,370	29,185,074	34,080,292	44,602,347	20,124,250	48,933,012	32
29,367,313 (x)		37,501,673										33
		6,103,234	(x)	38,607	363,569	906,560	1,234,416	6,040,346	19,457,113	10,853,299		34
		68,990,111					2,351,940	2,442,628	(x)			35
		35,602,275	1,531,235	1,991,574	1,270,293	3,640,103	2,863,612	2,746,583	4,146,424	(x)	68,990,111	36
		12,567,421	94,647	223,754	458,082	892,078	1,620,040	1,873,902	7,898,228	(x)	17,413,461	37
		14,500,400	84,635	303,070	602,170	2,037,217	3,121,113	1,839,640	6,512,661			38
25,375,483 (x)	37,900,922	85,882,215	702,661	1,960,191	3,029,422	6,539,376	8,073,651	7,437,113	11,195,084	19,170,276	27,768,041	39
		3,409,329	113,772	311,057	428,369	1,204,333	1,350,698	(x)	(x)			40
20,954,849 (x)		7,406,450								7,406,450 (x)		41
179,734,872 (x)		10,914,023	159,875	334,834	592,782	2,481,638	4,445,076	9,808,311	26,433,321	57,958,886 (x)		42
11,958,719 (x)	188,663,981	106,835,022	301,798	427,420	786,550	1,488,194	2,543,301	1,332,672	5,092,510	(x)	94,804,872 (x)	43
		67,351,525	1,619,371	2,493,747	3,051,012	7,828,682	8,915,391	16,116,484	18,735,603	8,591,245		44
		44,847,454	755,127	1,855,705	3,304,359	9,262,729	8,833,448	10,812,970	9,625,056	(x)		45
		24,396,707	2,359,484	4,721,488	4,612,015	3,792,052	2,695,309	2,063,703	4,152,656	(x)		46
		32,274,094	781,099	2,040,274	2,906,247	6,531,405	5,834,020	5,069,167	3,503,182			47
		25,987,678	4,680,486	11,485,875	4,847,704	3,989,256	984,357	(x)	(x)			48
16,231,423 (x)	34,103,247	54,009,014	(x)	118,869	740,338	740,338	(x)	(x)	3,701,048	14,803,344	30,247,398	49
		7,087,003	150,194	356,611	1,186,701	1,593,017	1,723,678	2,071,205	1,715,712			50
		4,187,858	125,555	57,550	190,249	481,722	524,098	1,092,972	(x)			51
		4,434,303	297,003	689,900	802,010	1,330,571	1,824,208	(x)	(x)			52
		16,527,444	(x)	62,662	151,099	1,012,748	3,239,197	3,690,289	8,365,540			53
39,116,706 (x)		42,350,118	451,655	848,357	1,962,941	3,605,759	3,889,049	5,850,516	(x)	25,741,341	(x)	54
15,409,980 (x)	44,430,903	41,022,551	71,024	64,295	208,540	666,550	1,558,946	2,851,052	4,081,346	7,400,669	23,819,223	55
		10,380,090	74,017	199,145	352,919	2,089,996	2,634,616	2,621,094	1,308,903			56
		673,853	58,728	130,969	119,977	364,179	879,654	1,490,452	5,205,612	(x)		57
		8,859,820	(x)	180,811	404,864	998,427	(x)		6,834,674	(x)	17,070,904	58
		23,914,478										59
		143,910	59,278	84,938	(x)							60
		5,068,726				982,453	(x)	901,095	3,475,178	(x)		61
		13,938,954	873,125	1,258,254	1,749,196	2,366,063	3,229,224	2,054,110	1,810,982			62
		17,179,344	1,376,742	1,988,464	1,818,223	1,986,337	1,986,982	3,061,279	4,908,317	(x)		63
		37,814,981	(x)		883,700	294,001	893,305	6,285,256	16,314,808	26,233,171	37,510,740	64
56,136,146 (x)	108,653,859	78,061,002	1,155,325	2,588,199	3,404,524	7,319,074	9,290,177	9,720,015	21,224,101	8,441,769	15,540,328	65
19,222,130 (x)	26,781,681	14,802,561	80,562	149,895	547,100	1,077,617	2,222,882	2,230,493	7,894,066			66
		43,470,617	18,256	67,985	417,511	1,555,816	2,143,763	8,134,159	18,677,651	9,107,492	3,099,288	67
		41,191,437	2,191,531	5,181,983	6,124,135	10,547,751	9,401,124	5,281,645	2,463,258			68
36,074,501 (x)	30,273,406	125,056,886	180,465	667,125	1,480,955	5,831,205	15,774,035	31,893,844	43,204,262	15,170,253	10,884,742	69
		2,731,070	(x)	138,883	138,883	359,742	(x)	333,046	1,919,309	(x)		70
		3,219,533			394,588		2,686,478	(x)	(x)			71
		5,218,261	22,313	172,441	180,203	1,062,152	542,618	1,410,272	1,828,262			72
115,039,872 (x)	246,191,761	199,417,940	48,807	306,167	267,236	1,414,011	6,212,414	11,174,071	41,462,505	36,285,361	102,247,368	73
10,061,675 (x)	39,070,521	54,533,025			280,856	1,053,623	1,442,520	2,600,726	6,931,398	4,282,565	37,886,728	74
46,495,269 (x)	100,590,015	107,826,284	206,464	788,613	1,151,399	1,642,344	1,639,674	5,112,312	7,898,473	25,192,806	64,284,199	75

CENSUS OF MANUFACTURES: 1929

TABLE 7.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS, BY GEOGRAPHIC DIVISIONS AND STATES: 1929

[In cases where the item for a certain group can not be given separately without disclosing data for individual establishments, it has been combined with that for another group. In such cases an (X) is shown in the column in which the item has been omitted, and the item for the group with which it has been consolidated is printed in *italics*. The figures for the geographic divisions have been adjusted in harmony with those for the States; but in the total for the United States the data for each establishment are included in the item for the proper group, and therefore these totals differ from the sums of the geographic-division items and of the State items in the respective columns.]

DIVISION AND STATE	NUMBER OF ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
UNITED STATES.....	210,959	69,423	46,618	28,607	28,704	15,449	10,395	7,430	2,479	1,854
GEOGRAPHIC DIVISIONS:										
New England.....	18,272	5,359	3,026	2,461	2,040	1,495	1,069	828	306	188
Middle Atlantic.....	64,730	17,525	15,375	9,685	9,851	5,337	3,366	2,292	744	555
East North Central.....	46,396	13,615	10,470	6,279	6,544	3,662	2,617	1,958	718	633
West North Central.....	17,792	6,008	3,569	2,453	2,472	1,197	688	507	161	137
South Atlantic.....	20,860	9,050	4,103	2,315	2,288	1,308	901	603	176	116
East South Central.....	9,860	4,640	1,720	1,070	1,016	561	421	293	97	42
West South Central.....	10,576	4,090	2,383	1,365	1,164	658	458	310	82	57
Mountain.....	4,319	1,760	993	542	478	234	142	105	29	36
Pacific.....	18,154	6,876	4,079	2,437	2,251	907	733	525	166	90
NEW ENGLAND:										
Maine.....	1,568	620	338	176	189	98	63	49	25	10
New Hampshire.....	1,075	390	191	145	121	94	64	49	12	9
Vermont.....	927	311	226	135	138	59	35	14	8	1
Massachusetts.....	9,872	2,763	2,131	1,377	1,514	823	587	446	140	101
Rhode Island.....	1,701	416	374	209	268	164	107	101	41	21
Connecticut.....	3,129	869	666	419	410	257	213	169	80	46
MIDDLE ATLANTIC:										
New York.....	39,395	10,109	9,963	6,203	6,222	3,294	1,935	1,141	313	215
New Jersey.....	8,888	2,347	1,888	1,162	1,223	674	462	384	139	109
Pennsylvania.....	16,947	5,069	3,524	2,320	2,406	1,369	969	707	292	231
EAST NORTH CENTRAL:										
Ohio.....	11,855	3,418	2,438	1,588	1,697	995	703	600	223	193
Indiana.....	5,091	1,495	1,051	727	696	434	330	210	77	71
Illinois.....	15,333	4,516	3,383	2,094	2,275	1,244	811	593	240	177
Michigan.....	6,686	1,875	1,377	905	964	531	405	335	107	127
Wisconsin.....	7,431	2,211	2,221	965	912	468	308	220	71	65
WEST NORTH CENTRAL:										
Minnesota.....	4,315	1,359	844	721	757	290	151	119	47	27
Iowa.....	3,317	1,155	690	487	494	267	131	67	15	21
Missouri.....	5,765	2,140	1,131	729	762	425	264	195	63	53
North Dakota.....	373	165	80	51	38	17	8	11	2	1
South Dakota.....	615	338	109	69	54	29	8	5	3	3
Nebraska.....	1,491	635	317	191	179	70	43	33	14	9
Kansas.....	1,016	316	393	205	188	109	83	74	20	23
SOUTH ATLANTIC:										
Delaware.....	400	159	100	65	45	27	27	23	9	5
Maryland.....	3,231	1,101	679	452	464	238	130	110	26	31
District of Columbia.....	547	198	128	79	80	29	16	11	3	3
Virginia.....	3,237	1,693	633	343	321	165	107	95	10	20
West Virginia.....	1,488	696	266	162	182	108	85	52	32	15
North Carolina.....	3,797	1,678	560	384	433	319	244	128	33	18
South Carolina.....	1,659	782	285	160	159	101	84	77	25	6
Georgia.....	4,179	1,694	855	419	404	226	162	81	33	15
Florida.....	2,212	949	627	251	200	95	56	26	5	3
EAST SOUTH CENTRAL:										
Kentucky.....	2,246	980	430	290	228	144	79	59	23	13
Tennessee.....	2,855	1,201	515	297	319	187	170	116	35	15
Alabama.....	2,848	1,429	488	266	287	145	118	70	31	14
Mississippi.....	1,911	1,030	287	217	182	85	54	48	8	14
WEST SOUTH CENTRAL:										
Arkansas.....	1,731	877	354	164	150	93	52	31	8	2
Louisiana.....	1,689	667	384	281	260	157	115	91	18	16
Oklahoma.....	1,658	606	433	217	178	83	60	49	19	13
Texas.....	5,198	1,940	1,212	703	676	326	231	148	37	26
MOUNTAIN:										
Montana.....	589	240	132	73	67	24	26	17	4	6
Idaho.....	562	240	113	60	59	33	17	15	3	2
Wyoming.....	248	101	60	30	21	15	7	6	4	4
Colorado.....	1,548	644	364	189	165	84	43	43	7	9
New Mexico.....	250	128	58	26	18	11	6	2	1	1
Arizona.....	348	117	95	51	36	20	11	6	3	9
Utah.....	651	239	144	80	90	42	30	14	7	5
Nevada.....	123	51	27	13	22	5	2	2	1	1
PACIFIC:										
Washington.....	3,672	1,347	796	472	495	221	159	141	28	13
Oregon.....	2,493	1,070	491	333	280	113	59	62	19	6
California.....	12,019	4,459	2,792	1,632	1,476	663	485	322	119	71

SIZE OF ESTABLISHMENTS

TABLE 7.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS,
BY GEOGRAPHIC DIVISIONS AND STATES: 1929—Continued

[See headnote on opposite page]

DIVISION AND STATE	WAGE EARNERS (AVERAGE FOR THE YEAR) IN ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
UNITED STATES.....	8,838,743	202,958	315,912	377,243	778,886	894,097	1,121,547	1,600,221	1,000,553	2,442,326
GEOGRAPHIC DIVISIONS:										
New England.....	1,098,514	15,105	28,001	37,743	84,637	101,778	130,201	224,901	188,268	278,282
Middle Atlantic.....	2,562,340	47,980	105,554	128,107	249,089	280,598	312,467	421,912	309,627	718,006
East North Central.....	2,542,176	31,001	54,179	73,344	167,824	200,971	279,245	418,387	297,865	1,010,360
West North Central.....	474,115	15,844	19,001	25,397	50,281	58,568	58,968	91,238	50,385	103,533
South Atlantic.....	912,247	41,897	47,167	41,422	86,291	103,209	140,784	189,056	111,441	150,986
East South Central.....	377,870	18,863	15,830	18,171	38,850	47,627	59,750	70,060	50,624	52,565
West South Central.....	297,743	12,821	16,745	10,405	30,448	40,774	48,538	57,127	20,000	45,870
Mountain.....	102,492	4,045	5,440	5,927	11,250	12,331	12,377	22,921	9,977	18,224
Pacific.....	471,246	15,402	22,495	27,727	54,686	50,241	70,008	105,831	65,449	59,407
NEW ENGLAND:										
Maine.....	70,159	2,059	2,923	2,953	6,570	7,875	8,834	13,093	14,845	11,001
New Hampshire.....	65,511	1,275	1,748	2,778	4,678	7,158	10,398	13,523	7,200	10,747
Vermont.....	27,421	1,137	1,808	2,389	4,759	4,307	4,164	3,465	5,402	(x)
Massachusetts.....	557,494	7,013	14,446	10,475	45,853	53,205	70,611	118,762	84,111	144,018
Rhode Island.....	126,068	1,230	2,811	3,359	9,490	11,415	15,355	30,520	23,149	28,730
Connecticut.....	251,861	2,391	4,865	6,789	13,281	17,818	29,839	45,548	53,553	77,777
MIDDLE ATLANTIC:										
New York.....	1,105,966	27,260	62,802	70,045	129,217	136,753	146,821	167,050	117,511	248,507
New Jersey.....	442,328	6,541	14,446	18,797	36,320	38,777	52,384	81,830	63,416	120,317
Pennsylvania.....	1,014,046	14,179	28,306	39,205	83,052	94,008	113,262	173,032	128,700	340,182
EAST NORTH CENTRAL:										
Ohio.....	741,143	8,526	14,995	20,911	47,650	60,047	80,163	126,752	94,266	287,833
Indiana.....	314,098	4,067	9,726	9,686	20,538	20,890	39,202	49,537	35,849	119,153
Illinois.....	691,555	10,094	18,389	23,972	53,994	66,621	79,280	114,000	90,550	234,586
Michigan.....	530,035	4,219	7,222	9,985	23,569	28,324	46,918	78,542	47,853	283,403
Wisconsin.....	264,745	4,095	6,847	8,790	22,133	25,080	33,682	49,437	20,347	85,325
WEST NORTH CENTRAL:										
Minnesota.....	103,414	3,292	4,382	5,986	11,480	13,247	12,205	10,148	15,141	18,524
Iowa.....	81,678	2,732	3,897	5,086	9,742	10,523	10,590	14,522	4,858	10,728
Missouri.....	202,870	5,500	9,865	9,355	20,252	24,937	26,781	43,833	23,725	41,581
North Dakota.....	4,024	337	349	431	565	883	993	367	599	(x)
South Dakota.....	6,535	604	590	515	829	1,070	669	386	386	1,782
Nebraska.....	28,212	1,407	1,569	1,703	3,209	3,258	2,657	4,199	2,798	7,352
Kansas.....	47,373	1,882	2,249	2,261	4,195	4,600	5,373	8,783	3,404	14,566
SOUTH ATLANTIC:										
Delaware.....	23,552	522	850	1,070	1,306	2,004	2,980	5,739	5,774	3,298
Maryland.....	131,099	3,992	5,633	7,277	14,301	15,560	14,636	25,365	11,200	33,645
District of Columbia.....	9,752	379	670	750	1,690	1,089	1,661	1,615	696	1,202
Virginia.....	120,273	5,937	5,206	5,588	11,144	11,703	14,667	27,204	4,191	34,593
West Virginia.....	85,326	1,810	1,860	2,541	6,796	8,437	13,526	14,396	14,423	21,537
North Carolina.....	209,826	6,556	5,630	6,072	17,579	20,280	41,828	46,873	22,231	34,377
South Carolina.....	108,777	4,486	3,292	2,918	6,532	8,987	17,611	34,740	22,213	7,998
Georgia.....	153,774	12,619	15,150	9,669	17,586	17,934	23,425	23,906	27,599	10,896
Florida.....	64,868	5,596	9,476	5,558	9,357	8,215	11,050	9,122	3,054	3,440
EAST SOUTH CENTRAL:										
Kentucky.....	77,825	2,900	2,981	4,386	7,150	10,037	9,269	14,110	9,148	17,844
Tennessee.....	128,400	4,004	4,046	4,549	11,934	15,922	23,137	26,623	21,519	16,666
Alabama.....	119,559	7,216	5,738	5,576	11,412	14,248	20,187	20,270	16,857	18,055
Mississippi.....	52,086	4,743	3,065	3,660	7,884	7,420	7,157	15,057	3,100	---
WEST SOUTH CENTRAL:										
Arkansas.....	44,205	3,519	3,244	3,234	6,187	7,623	6,435	8,134	5,829	(x)
Louisiana.....	87,345	2,151	3,029	4,699	10,592	13,321	16,615	20,279	4,075	12,574
Oklahoma.....	31,095	1,592	2,483	2,472	3,658	3,503	3,312	5,560	3,156	5,459
Texas.....	134,498	5,549	7,989	9,000	16,011	16,327	21,076	23,154	6,946	27,846
MOUNTAIN:										
Montana.....	14,869	500	721	747	1,341	1,180	2,590	3,728	458	3,514
Idaho.....	15,648	479	504	758	1,126	1,385	1,480	4,684	6,852	(x)
Wyoming.....	6,258	208	307	308	559	726	924	643	1,423	1,100
Colorado.....	32,890	1,510	2,090	2,094	4,084	4,176	3,269	6,944	1,423	7,291
New Mexico.....	4,476	387	304	373	410	1,116	664	1,277	(x)	---
Arizona.....	10,550	272	538	596	808	1,030	1,080	2,146	476	3,614
Utah.....	15,601	500	849	910	2,358	2,494	2,340	2,510	905	2,675
Nevada.....	2,200	93	127	136	474	321	(x)	1,049	---	(x)
PACIFIC:										
Washington.....	114,830	3,310	4,774	5,718	13,231	12,767	17,562	32,520	15,366	9,582
Oregon.....	65,505	2,450	3,148	4,191	7,316	6,459	10,693	17,836	11,541	1,871
California.....	290,911	9,642	14,573	17,8						

CENSUS OF MANUFACTURES: 1929

TABLE 7.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS, BY GEOGRAPHIC DIVISIONS AND STATES: 1929—Continued

[See note at head of this table]

DIVISION AND STATE	VALUE OF PRODUCTS FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
UNITED STATES.....	70,434,863,443	771,417,436	1,497,191,175	2,090,506,101	4,508,093,828	5,455,677,825	7,294,860,945	11,384,840,599	8,578,377,542	28,793,897,992
GEOGRAPHIC DIVISIONS:										
New England.....	6,398,214,685	61,812,100	127,669,986	175,907,601	419,149,693	531,938,863	757,900,191	1,281,131,127	1,054,088,308	1,988,616,700
Middle Atlantic.....	21,359,573,975	201,336,664	492,085,151	687,810,404	1,570,120,551	1,875,173,430	2,351,192,838	3,508,655,411	2,576,948,159	8,096,251,337
East North Central.....	21,663,289,041	157,592,766	338,160,744	476,293,542	1,048,840,029	1,290,341,793	1,843,766,770	3,025,362,096	2,531,286,522	10,945,654,803
West North Central.....	5,377,382,984	72,316,565	115,078,942	175,425,270	390,141,618	424,198,159	477,590,426	773,651,970	561,359,101	2,387,020,873
South Atlantic.....	5,209,276,425	92,809,206	130,669,545	192,987,419	364,595,214	462,174,577	636,463,231	930,915,127	600,239,042	1,858,423,064
East South Central.....	2,014,443,158	44,974,841	64,575,945	75,415,138	161,363,179	199,937,504	294,637,220	428,610,076	329,797,018	425,131,234
West South Central.....	2,802,091,813	45,092,374	76,669,994	95,739,228	184,176,007	233,085,985	319,381,044	474,002,283	299,711,014	1,073,633,224
Mountain.....	1,230,910,858	19,366,719	31,449,768	37,900,597	74,804,114	82,544,367	96,648,768	183,874,503	110,797,347	602,439,735
Pacific.....	4,310,680,504	76,116,401	130,831,067	173,026,902	354,813,369	350,283,187	516,012,316	804,176,300	500,878,271	1,344,547,688
NEW ENGLAND:										
Maine.....	391,751,334	7,048,395	11,222,626	12,426,029	28,461,132	35,109,769	44,028,085	75,784,057	82,438,767	94,331,674
New Hampshire.....	352,534,753	4,349,294	6,248,405	10,276,268	19,022,484	32,957,708	44,461,530	78,386,103	44,291,616	91,061,336
Vermont.....	143,522,547	3,524,522	7,543,678	9,500,438	21,421,941	20,563,876	23,116,332	22,229,828	36,681,928	(x)
Massachusetts.....	3,392,162,237	32,116,656	68,578,165	99,248,755	241,774,417	294,349,222	415,173,230	681,172,801	473,392,710	1,086,360,705
Rhode Island.....	606,368,210	4,709,842	12,450,335	14,884,283	34,230,118	57,795,760	77,324,612	150,511,983	137,871,593	162,409,088
Connecticut.....	1,471,875,604	10,072,481	21,627,077	29,571,818	65,239,601	91,162,512	152,906,393	267,046,035	280,471,784	553,777,903
MIDDLE ATLANTIC:										
New York.....	9,978,556,143	116,725,758	318,075,585	439,188,504	992,686,320	1,156,071,771	1,341,299,432	1,719,864,682	1,082,477,439	2,812,166,652
New Jersey.....	3,937,156,775	27,376,739	59,907,768	82,708,278	193,480,335	236,407,598	331,800,801	597,578,518	490,672,753	1,917,223,986
Pennsylvania.....	7,443,861,057	57,234,167	114,101,828	165,913,622	383,953,896	482,694,061	678,092,605	1,191,212,211	1,003,797,967	3,860,860,700
EAST NORTH CENTRAL:										
Ohio.....	6,027,903,137	39,222,965	78,186,600	143,560,421	274,526,410	351,950,000	499,804,180	925,444,169	841,159,423	2,374,030,960
Indiana.....	2,539,893,849	17,209,471	34,282,349	51,046,132	109,475,877	156,022,980	230,270,864	319,932,730	265,397,855	1,355,055,535
Illinois.....	6,282,092,240	52,695,243	109,400,505	149,614,223	362,990,240	440,386,238	670,467,941	918,119,640	823,786,748	2,854,571,466
Michigan.....	4,666,718,040	21,846,780	44,746,324	64,261,778	155,673,594	184,673,088	327,133,497	516,701,470	359,793,137	2,981,880,398
Wisconsin.....	2,166,681,709	26,018,327	71,485,960	67,201,988	146,173,902	163,300,451	216,080,294	345,164,087	241,149,369	879,498,395
WEST NORTH CENTRAL:										
Minnesota.....	1,173,213,606	15,292,076	27,585,043	52,429,826	117,142,311	101,845,397	102,296,427	178,033,785	161,965,218	416,623,523
Iowa.....	898,219,272	13,190,293	22,302,045	34,804,673	78,301,427	89,272,601	90,646,493	103,205,452	51,390,953	415,079,360
Missouri.....	1,917,155,275	22,879,400	36,065,579	51,681,060	122,009,067	151,660,521	183,751,060	302,881,232	214,605,017	831,541,277
North Dakota.....	56,321,692	1,713,983	2,648,722	3,561,133	5,882,661	5,121,053	5,617,826	14,130,506	15,645,709	(x)
South Dakota.....	97,697,059	3,396,698	3,516,536	4,831,949	8,450,823	10,568,500	6,175,791	8,069,271	52,098,108	(x)
Nebraska.....	494,168,409	6,645,692	10,874,488	13,562,548	28,720,883	25,140,045	29,274,137	50,709,125	48,626,726	271,024,865
Kansas.....	751,613,194	8,947,588	12,060,529	14,564,081	29,634,520	39,560,042	59,828,080	116,472,600	69,075,538	400,653,630
SOUTH ATLANTIC:										
Delaware.....	140,642,042	1,899,418	3,261,874	4,416,570	6,459,127	9,433,759	19,487,313	38,626,378	30,774,548	35,233,055
Maryland.....	1,119,032,289	12,343,252	22,227,521	32,403,474	73,304,794	83,465,250	90,639,175	172,513,055	91,794,576	540,331,192
District of Columbia.....	88,072,895	2,344,289	4,095,942	5,580,067	12,499,523	9,660,667	12,041,263	16,721,697	8,774,866	17,245,581
Virginia.....	745,010,075	15,092,007	20,163,692	24,797,555	51,015,291	67,806,693	77,369,359	140,412,261	32,722,601	319,627,680
West Virginia.....	618,012,300	6,254,641	7,929,099	11,466,005	29,230,228	38,142,572	59,215,066	88,240,016	106,272,634	166,250,439
North Carolina.....	1,311,094,352	15,529,434	17,835,457	57,125,738	71,051,025	114,746,559	171,325,614	186,060,859	114,376,066	563,884,106
South Carolina.....	385,892,252	7,435,225	8,328,457	11,003,606	25,084,040	35,093,813	59,069,469	118,244,907	81,336,324	40,235,812
Georgia.....	722,453,803	10,849,744	27,191,395	29,045,019	64,127,264	80,317,863	106,455,861	126,698,718	117,280,186	151,488,263
Florida.....	232,386,427	11,161,206	19,636,188	17,098,786	31,767,322	33,445,997	40,860,111	37,308,736	16,907,101	24,120,940
EAST SOUTH CENTRAL:										
Kentucky.....	502,638,722	10,146,397	13,770,827	20,349,680	39,957,808	50,708,836	55,274,926	86,841,035	80,735,524	147,853,683
Tennessee.....	730,603,612	12,077,738	16,388,202	20,932,640	51,027,807	67,844,007	118,269,178	172,810,524	122,755,955	148,393,355
Alabama.....	560,378,132	13,609,805	15,427,276	18,920,458	45,103,780	51,835,423	82,892,834	100,024,895	103,679,466	128,884,196
Mississippi.....	220,917,692	9,140,701	8,989,644	15,212,148	28,273,781	29,549,238	38,200,882	68,925,222	22,626,078	(x)
WEST SOUTH CENTRAL:										
Arkansas.....	210,903,228	8,922,429	11,090,039	11,520,640	23,393,111	33,181,572	36,703,042	45,061,620	40,550,775	(x)
Louisiana.....	685,036,857	7,232,394	12,428,772	19,882,242	41,543,745	55,533,778	79,308,906	134,340,454	66,483,108	208,217,398
Oklahoma.....	455,905,297	6,822,242	13,932,328	16,080,893	27,988,502	29,809,504	42,528,026	74,961,028	67,661,017	177,121,756
Texas.....	1,460,246,431	22,115,309	39,278,864	49,265,453	91,810,709	114,561,131	160,781,010	219,633,181	125,016,714	628,294,070
MOUNTAIN:										
Montana.....	271,094,446	2,577,153	4,296,805	4,998,480	10,013,324	8,599,181	17,063,816	25,154,608	11,734,862	186,656,258
Idaho.....	96,352,026	2,583,958	3,579,285	5,485,803	9,369,843	11,408,529	12,175,070	22,689,987	29,069,554	(x)
Wyoming.....	96,348,076	1,060,278	2,024,751	2,042,772	3,361,976	4,947,045	5,196,872	9,261,276	12,304,492	59,189,620
Colorado.....	306,071,031	7,241,269	11,217,245	13,260,841	26,020,547	30,415,976	29,038,480	66,199,413	25,350,355	97,820,875
New Mexico.....	21,697,148	1,340,454	1,744,020	1,775,563	2,493,724	4,240,605	4,441,011	5,553,771	(x)	(x)
Arizona.....	200,002,217	1,333,737	3,036,690	5,516,452	5,843,023	6,792,375	7,523,187	9,480,140	9,683,756	153,783,848
Utah.....	214,628,855	2,720,606	4,724,298	5,883,415	14,090,339	14,563,819	21,205,272	20,232,063	22,664,328	103,539,134
Nevada.....	33,717,059	500,149	826,665	928,202	3,085,348	1,677,890	(x)	26,189,245	(x)	(x)
PACIFIC:										
Washington.....	795,561,861	14,016,405	25,466,561	33,216,555	77,334,848	77,900,228	114,149,150	206,463,514	97,178,219	148,436,306
Oregon.....	411,768,976	10,674,835	15,707,503	23,635,208	44,639,968	39,623,813	62,931,642	100,686,456	67,692,725	46,183,239
California.....	3,103,349,668	60,525,601	89,656,983	116,176,049	232,344,651	232,759,151	338,931,524	497,026,339	396,002,327	1,149,928,143

SIZE OF ESTABLISHMENTS

TABLE 7.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED ACCORDING TO VALUE OF PRODUCTS,
BY GEOGRAPHIC DIVISIONS AND STATES: 1929—Continued

[See note at head of this table]

DIVISION AND STATE	VALUE ADDED BY MANUFACTURE FOR ESTABLISHMENTS WITH PRODUCTS VALUED AT—									
	Total	\$5,000 to \$19,999	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 and over
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
UNITED STATES.....	31,885,283,711	479,142,928	884,460,351	1,199,544,279	2,415,696,858	2,759,010,522	3,541,214,281	5,390,380,315	4,039,706,414	11,170,118,813
GEOGRAPHIC DIVISIONS:										
New England.....	3,239,798,494	38,807,050	76,763,737	103,909,708	231,822,804	278,938,118	383,303,590	628,717,033	647,829,192	954,700,793
Middle Atlantic.....	10,175,955,333	127,539,369	309,091,656	403,806,363	847,976,769	966,782,922	1,174,851,811	1,712,714,841	1,264,278,837	3,360,712,705
East North Central.....	9,973,490,817	92,875,459	183,106,295	281,298,885	582,489,648	703,724,816	947,247,170	1,514,842,339	1,263,268,059	4,404,037,946
West North Central.....	1,869,090,673	44,868,693	64,253,804	82,191,905	169,022,208	184,354,544	206,472,056	320,024,079	212,256,332	586,947,457
South Atlantic.....	2,458,221,827	57,762,688	76,929,887	118,496,276	185,173,019	218,201,940	280,645,709	408,191,742	242,401,993	804,413,173
East South Central.....	924,428,157	28,052,432	32,300,111	39,286,161	81,432,178	90,442,696	131,235,433	187,300,050	131,090,256	166,531,840
West South Central.....	950,462,119	28,517,260	46,068,921	55,268,843	95,616,970	100,370,332	128,321,274	180,416,133	87,454,013	228,428,671
Mountain.....	370,056,342	12,151,071	17,583,330	18,833,341	36,089,495	38,401,377	39,460,710	73,020,157	37,733,450	67,123,411
Pacific.....	1,022,881,949	48,569,006	78,302,610	96,952,797	186,375,212	171,742,777	243,124,938	374,434,851	262,083,993	461,290,065
NEW ENGLAND:										
Maine.....	174,384,514	4,107,298	6,321,031	6,608,011	13,523,739	18,017,895	10,997,451	33,278,081	33,458,340	30,072,008
New Hampshire.....	147,132,430	2,742,516	3,902,275	6,124,930	10,769,371	15,851,417	21,093,087	31,588,809	18,089,973	36,360,440
Vermont.....	77,259,674	2,241,289	4,307,541	5,058,783	12,503,000	11,368,605	12,322,110	9,685,427	18,872,330	(x)
Massachusetts.....	1,710,729,449	20,330,572	41,684,329	58,034,987	133,160,405	184,150,612	207,517,598	331,185,441	245,126,361	521,040,144
Rhode Island.....	324,078,139	2,979,876	7,514,232	9,105,752	23,797,461	30,564,641	35,904,455	74,444,843	60,237,477	70,938,929
Connecticut.....	806,214,288	6,405,499	13,034,329	18,077,269	38,088,289	61,394,045	80,468,298	143,535,332	171,444,121	277,782,060
MIDDLE ATLANTIC:										
New York.....	4,973,920,158	75,681,496	203,173,097	254,798,302	522,308,958	584,720,428	662,541,700	846,665,219	555,558,013	1,208,472,045
New Jersey.....	1,771,429,649	17,460,997	38,371,899	51,093,344	110,449,922	126,044,672	173,121,619	300,723,324	280,673,695	714,400,180
Pennsylvania.....	3,430,605,526	34,396,876	67,546,660	97,414,717	214,917,889	256,017,822	339,183,495	505,320,298	460,047,129	1,380,740,640
EAST NORTH CENTRAL:										
Ohio.....	2,889,804,303	24,212,413	46,528,734	98,092,498	157,500,802	194,955,092	263,776,100	477,404,790	432,631,349	1,194,552,426
Indiana.....	1,136,462,692	10,423,931	19,095,830	28,913,629	58,372,596	70,800,059	114,054,313	151,868,643	131,033,088	513,400,603
Illinois.....	2,930,037,761	32,782,719	67,688,107	89,267,397	213,014,061	249,090,810	300,332,149	450,687,224	301,560,005	1,120,188,080
Michigan.....	2,067,343,879	13,109,986	25,914,209	36,937,210	86,748,785	100,737,260	167,589,941	267,020,487	194,404,499	1,173,081,502
Wisconsin.....	949,841,682	12,346,410	23,870,415	28,088,151	66,163,314	79,641,595	101,494,667	168,161,186	113,012,618	360,514,426
WEST NORTH CENTRAL:										
Minnesota.....	404,995,277	9,589,178	14,476,107	19,879,346	38,720,100	41,625,651	43,326,166	72,412,022	65,537,320	90,422,547
Iowa.....	323,819,543	8,178,613	12,445,774	15,036,717	30,668,989	34,874,645	38,284,889	52,518,007	21,815,958	110,495,321
Missouri.....	777,497,193	13,852,800	21,874,097	29,614,927	65,191,033	73,832,055	88,600,610	134,731,000	88,618,230	261,620,571
North Dakota.....	15,637,130	1,111,262	1,345,821	1,569,773	2,166,490	2,761,078	2,402,326	2,430,543	1,849,837	(x)
South Dakota.....	22,081,212	2,095,411	1,769,301	1,836,170	3,423,361	3,882,495	2,207,395	1,064,267	1,002,812	(x)
Nebraska.....	110,993,699	4,420,127	5,376,028	6,794,760	13,409,353	11,047,253	11,715,480	17,882,360	14,368,098	34,060,240
Kansas.....	205,306,619	5,621,302	7,476,676	7,400,202	15,436,847	16,330,467	10,875,850	38,683,180	20,516,129	73,935,906
SOUTH ATLANTIC:										
Delaware.....	69,151,304	1,020,834	1,687,391	2,161,627	3,171,426	4,655,862	9,247,925	20,312,027	14,703,802	12,180,950
Maryland.....	422,096,747	7,508,332	12,559,145	16,962,840	36,877,409	40,528,811	42,149,406	77,193,935	37,809,636	150,537,227
District of Columbia.....	52,772,815	1,574,187	2,717,227	4,034,535	7,600,300	6,590,820	7,138,201	8,715,298	2,680,983	11,715,078
Virginia.....	380,085,734	8,970,056	10,895,520	12,568,114	25,894,071	26,259,167	32,120,730	67,050,537	11,807,629	183,012,498
West Virginia.....	251,614,514	3,930,326	4,769,175	6,908,704	16,742,910	22,811,004	32,808,601	39,295,619	44,074,130	80,782,785
North Carolina.....	693,012,602	9,812,039	9,807,130	43,098,798	33,298,762	48,400,926	70,187,490	75,144,460	44,211,923	358,240,976
South Carolina.....	159,350,649	4,902,313	4,930,679	5,676,996	11,057,774	15,649,333	25,438,374	47,290,205	33,742,609	10,002,360
Georgia.....	294,648,715	12,673,890	17,046,334	15,770,976	30,614,429	34,935,398	43,306,423	60,538,379	45,390,658	44,303,232
Florida.....	135,488,187	7,301,011	12,627,280	10,513,681	19,315,848	18,870,213	24,238,944	22,080,385	7,906,163	12,074,062
EAST SOUTH CENTRAL:										
Kentucky.....	236,079,956	6,126,633	7,944,047	11,066,523	19,482,035	25,747,133	26,384,746	35,146,640	28,264,604	75,026,080
Tennessee.....	322,898,082	7,030,830	9,005,396	10,719,025	26,097,355	31,903,204	53,045,045	72,545,994	48,488,177	63,403,936
Alabama.....	258,124,744	8,889,961	9,205,472	9,688,107	21,132,855	24,637,000	37,322,305	43,921,639	46,124,600	57,201,915
Mississippi.....	107,325,396	6,005,008	5,545,196	7,812,509	14,710,333	14,154,759	14,483,337	35,776,371	8,828,885	(x)
WEST SOUTH CENTRAL:										
Arkansas.....	94,254,753	5,506,736	6,432,531	6,502,137	12,230,361	13,982,067	14,684,434	19,711,685	15,204,802	(x)
Louisiana.....	246,406,673	4,601,673	7,239,044	10,990,056	22,255,308	27,047,728	38,204,202	57,358,291	19,562,600	58,637,855
Oklahoma.....	149,403,800	4,390,500	8,380,000	9,009,903	14,182,390	12,177,540	14,136,195	25,730,837	17,799,045	43,651,324
Texas.....	460,306,803	14,018,351	24,011,286	28,766,747	46,948,911	40,662,691	61,296,443	77,616,320	34,917,502	120,130,492
MOUNTAIN:										
Montana.....	61,240,008	1,704,919	2,327,398	2,383,972	4,539,607	3,610,325	8,190,157	10,676,243	2,702,858	25,214,474
Idaho.....	44,488,521	1,543,595	1,650,363	2,300,277	4,114,689	5,044,561	4,678,966	11,101,529	14,045,678	(x)
Wyoming.....	33,627,992	712,405	1,047,130	1,001,537	1,783,630	2,626,632	1,947,297	3,260,038	3,314,470	32,043,298
Colorado.....	122,331,478	4,644,349	6,568,693	6,907,682	13,066,084	13,445,361	10,761,391	26,680,139	4,793,114	16,456,209
New Mexico.....	11,277,699	875,013	1,030,006	907,768	1,551,666	2,497,972	1,523,299	2,897,375	(x)	(x)
Arizona.....	32,288,622	810,446	1,883,747	1,999,322	3,293,740	3,482,160	2,019,767	5,541,693	2,070,260	10,287,478
Utah.....	56,726,834	1,525,780	2,554,076	2,784,921	6,027,181	6,877,719	9,439,833	8,588,162	5,807,220	13,121,652
Nevada.....	8,065,188	333,964	612,389	547,862	1,711,838	876,647	(x)	4,087,633	(x)	(x)
PACIFIC:										
Washington.....	367,148,835	9,626,008	15,347,288	18,131,501	39,471,172	37,135,724	52,768,775	101,741,207	52,210,728	46,716,432
Oregon.....	206,541,785	7,055,399	9,275,440	12,637,470	21,740,141	17,601,361	32,054,212	48,806,038	40,203,038	16,478,080
California.....	1,349,191,329	31,887,602	53,679,882	66,183,826	125,103,899	117,005,692	157,701,651	223,797,606	169,669,627	404,101,544