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THE MUSICAL-INSTRUMENTS INDUSTRIES

[A preliminary report for these industries was issued January 30, 1937]

Description of the industries.—This report covers four industries, namely: (1) Pianos, (2) Organs, (3) Piano and Organ Materials, and (4) Musical Instruments and Parts and Materials, not Elsewhere Classified. The first classification embraces establishments whose principal products are complete pianos. The second covers the manufacture of complete pipe organs and reed organs. The third is applied to establishments engaged in the manufacture of piano and organ materials for sale as such. The products include piano strings, plates, keys, actions, keyboards, cases, back frames, pedal attachments, hammers, sounding boards, legs, and bridges; organ reeds, pipes, stops, knobs, and reed boards; and perforated music rolls. The establishments in the fourth industry are engaged primarily in the manufacture of musical instruments other than pianos and organs, and of parts and materials for such instruments.

Duplication in cost of materials and value of products.—As the products of the third industry are used as materials in the first and second, and as the products of some of the establishments in the fourth industry are used as materials by other establishments in that industry, combined figures for cost of materials, etc., and for value of products, for the entire group of industries, would include considerable amounts of duplication, and therefore no such figures are given in table 1. In making use of the cost-of-materials and value-of-products figures for the fourth industry as they appear in the last section of table 1, the duplication resulting from the condition described in the preceding sentence should be kept in mind. The value of complete musical instruments other than pianos and organs, made in 1935, mainly by establishments classified in the fourth industry, was \$7,295,413.

Detailed statistics of products.—The differences between the values of pianos, of organs, and of piano and organ parts and materials made for sale as such, as given in table 4, and the values of products of the Piano industry, the Organ industry, and the Piano and Organ Materials industry, respectively, as given in table 1, are due to the fact that table 4 covers the entire output of the several items, regardless of the industries reporting them, whereas the statistics in table 1 cover the respective industries and therefore relate only to the products actually made in those industries. To illustrate: The total value of pianos made in 1935, \$11,688,531, as given in table 4, includes the value of pianos made as secondary products in industries other than the Piano industry but does not include the value of commodities other than pianos made as secondary products in the Piano industry; whereas the value of products of the Piano industry, \$12,688,485, as given in table 1, covers the secondary products made in that industry but does not include data for pianos made in other industries.

Omission of State statistics.—As no figures can be given for the most important States in the "Organs" and the "Piano and Organ Materials" industries, Maryland and Connecticut, respectively, without disclosing data for individual establishments, and as those States for which it would be possible to publish separate figures without disclosing such data accounted for less than one-half of the total activity of each of these industries (as measured by number of wage earners employed) in the United States in 1935, the publication of statistics for those States for which no separate figures could be given would be misleading, and therefore no such statistics are included in this report for the above-named industries.

TABLE 1.—GENERAL STATISTICS FOR THE INDUSTRIES IN COMBINATION AND SEPARATELY, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
THE INDUSTRIES AS A GROUP						
Number of establishments.....	192	170	230	316	12.9	-39.2
Proprietors and firm members.....	77	55	(1)	129	(*)	-40.3
Salaried personnel, total ²	1,446	(³)	(1)	2,707	(³)	-46.6
Salaried officers of corporations.....	248	(³)	(1)	396	(³)	-37.4
Supervisory, technical, and clerical employees.....	⁴ 1,198	⁵ 910	(1)	2,311	31.6	-48.2
Salaries paid, total ²	\$2,763,816	(³)	(1)	\$7,689,262	(³)	-64.1
To salaried officers of corporations.....	\$975,510	(³)	(1)	\$2,626,826	(³)	-62.9
To supervisory, technical, and clerical employees.....	⁴ \$1,788,306	⁵ \$1,325,185	(1)	\$5,062,436	34.9	-64.7
Wage earners (average for year) ⁶	8,806	6,106	10,003	18,625	44.2	-52.7
Wages.....	\$8,738,140	\$5,097,008	\$11,151,064	\$25,782,387	71.4	-66.1
Value added by manufacture ⁷	\$16,501,903	\$10,291,824	\$21,444,250	\$49,950,961	60.3	-67.0
PIANOS INDUSTRY						
Number of establishments.....	36	36	50	81	---	(*)
Proprietors and firm members.....	7	2	(1)	9	(*)	(*)
Salaried personnel, total ²	498	(³)	(1)	1,122	(³)	-56.5
Salaried officers of corporations.....	38	(³)	(1)	142	(³)	-73.2
Supervisory, technical, and clerical employees.....	⁸ 450	⁹ 275	(1)	980	63.6	-54.1
Salaries paid, total ²	\$825,357	(³)	(1)	\$3,357,717	(³)	-75.4
To salaried officers of corporations.....	\$178,494	(³)	(1)	\$1,078,501	(³)	-83.4
To supervisory, technical, and clerical employees.....	⁸ \$646,863	⁹ \$456,544	(1)	\$2,279,216	41.7	-71.6
Wage earners (average for year) ⁶	4,110	2,700	4,787	9,970	52.2	-68.8
Wages.....	\$4,088,673	\$2,381,694	\$5,156,909	\$14,000,826	71.7	-70.8
Cost of materials, etc., total.....	\$5,602,476	\$2,828,287	\$5,892,230	\$18,866,437	98.1	-70.3
Cost of materials, supplies, and containers.....	\$5,332,924	(1)	(1)	\$18,171,792	(1)	-70.7
Cost of fuel.....	\$194,343	(1)	(1)	\$466,153	(1)	-60.8
Cost of purchased electric energy.....	\$75,209	(1)	(1)	\$198,492	(1)	-62.1
Value of products.....	\$12,688,485	\$7,242,819	\$15,298,048	\$42,501,375	75.2	-70.1
Value added by manufacture ⁷	\$7,086,009	\$4,414,532	\$9,400,818	\$23,634,938	60.5	-70.0
ORGANS INDUSTRY						
Number of establishments.....	28	29	42	62	(*)	(*)
Proprietors and firm members.....	10	12	(1)	47	(*)	(*)
Salaried personnel, total ²	143	(³)	(1)	320	(³)	-55.3
Salaried officers of corporations.....	56	(³)	(1)	78	(³)	(*)
Supervisory, technical, and clerical employees.....	¹⁰ 87	¹¹ 97	(1)	242	(*)	-64.0
Salaries paid, total ²	\$294,893	(³)	(1)	\$1,014,866	(³)	-70.9
To salaried officers of corporations.....	\$179,091	(³)	(1)	\$471,825	(³)	-62.0
To supervisory, technical, and clerical employees.....	¹⁰ \$115,802	¹¹ \$169,406	(1)	\$543,041	-31.6	-78.7
Wage earners (average for year) ⁶	614	574	1,460	2,389	7.0	-74.3
Wages.....	\$610,730	\$510,299	\$1,763,270	\$3,603,631	19.7	-83.1
Cost of materials, etc., total.....	\$576,127	\$387,173	\$1,626,948	\$3,090,676	48.8	-81.4
Cost of materials, supplies, and containers.....	\$531,212	(1)	(1)	\$2,987,103	(1)	-82.2
Cost of fuel.....	\$24,701	(1)	(1)	\$57,732	(1)	-57.2
Cost of purchased electric energy.....	\$20,214	(1)	(1)	\$45,841	(1)	-55.9
Value of products.....	\$1,698,763	\$1,626,804	\$5,710,023	\$11,322,736	4.4	-85.0
Value added by manufacture ⁷	\$1,122,636	\$1,239,631	\$4,083,080	\$8,232,060	-9.4	-86.4

† For footnotes, see end of table.

TABLE 1.—GENERAL STATISTICS FOR THE INDUSTRIES IN COMBINATION AND SEPARATELY, FOR THE UNITED STATES: 1929 TO 1935—Continued

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
PIANO AND ORGAN MATERIALS INDUSTRY						
Number of establishments.....	34	33	50	67	(*)	(*)
Proprietors and firm members.....	2		(1)	21	(*)	(*)
Salaried personnel, total ²	100	(3)	(1)	510	(3)	-68.6
Salaried officers of corporations.....	52	(3)	(1)	86	(3)	(*)
Supervisory, technical, and clerical employees.....	¹² 108	¹³ 98	(1)	424	(*)	-74.5
Salaries paid, total ²	\$428,932	(3)	(1)	\$1,565,421	(3)	-72.6
To salaried officers of corporations.....	\$248,476	(3)	(1)	\$621,054	(3)	-60.0
To supervisory, technical, and clerical employees.....	¹² \$180,456	¹³ \$140,050	(1)	\$944,367	28.9	-80.9
Wage earners (average for year) ⁶	1,217	768	1,213	3,090	58.5	-60.6
Wages.....	\$1,028,654	\$527,402	\$1,178,187	\$3,597,210	95.0	-71.4
Cost of materials, etc., total.....	\$1,223,489	\$584,480	\$1,004,845	\$4,247,919	100.3	-71.2
Cost of materials, supplies, and containers.....	\$1,108,117	(1)	(1)	\$3,945,169	(1)	-71.9
Cost of fuel.....	\$76,423	(1)	(1)	\$213,289	(1)	-64.2
Cost of purchased electric energy.....	\$38,949	(1)	(1)	\$59,461	(1)	-56.5
Value of products.....	\$3,185,962	\$1,732,193	\$3,089,883	\$11,883,098	83.9	-73.2
Value added by manufacture ⁷	\$1,962,473	\$1,147,713	\$2,085,088	\$7,635,179	71.0	-74.3
"MUSICAL INSTRUMENTS AND PARTS AND MATERIALS, NOT ELSEWHERE CLASSIFIED" INDUSTRY						
Number of establishments.....	94	72	88	106	(*)	-11.3
Proprietors and firm members.....	58	37	(1)	52	(*)	(*)
Salaried personnel, total ²	655	(3)	(1)	755	(3)	-13.2
Salaried officers of corporations.....	102	(3)	(1)	90	(3)	(*)
Supervisory, technical, and clerical employees.....	¹⁴ 553	¹⁶ 440	(1)	665	25.7	-16.8
Salaries paid, total ²	\$1,214,634	(3)	(1)	\$1,751,258	(3)	-30.6
To salaried officers of corporations.....	\$309,449	(3)	(1)	455,440	(3)	-18.9
To supervisory, technical, and clerical employees.....	¹⁴ \$845,185	¹⁶ \$559,185	(1)	\$1,295,812	51.1	-34.8
Wage earners (average for year) ⁶	2,804	2,064	2,593	3,176	33.8	-9.8
Wages.....	\$3,010,083	\$1,677,043	\$3,053,298	\$4,580,220	79.4	34.3
Cost of materials, etc., total.....	\$2,729,437	\$1,623,670	\$2,238,398	\$3,825,294	68.1	-28.6
Cost of materials, supplies, and containers.....	\$2,568,757	(1)	(1)	\$3,614,856	(1)	-28.9
Cost of fuel.....	\$66,509	(1)	(1)	\$90,959	(1)	-26.9
Cost of purchased electric energy.....	\$94,171	(1)	(1)	\$119,479	(1)	-21.2
Value of products.....	\$9,000,222	\$5,113,618	\$8,113,712	\$14,274,078	77.2	-36.5
Value added by manufacture ⁷	\$6,330,785	\$3,489,948	\$5,875,314	\$10,448,784	81.4	-39.4

*Percent not computed where base is less than 100.

¹No data.

²No data for employees of central administrative offices are included in the figures for any year. See sec.

20, p. 7.

³Data incomplete.

⁴Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 300; salaries, \$721,643. Technical, 58; salaries, \$134,071. Clerical, 334; salaries, \$932,592. See sec.

10, p. 7.

⁵Supervisory, 222; salaries, \$577,021. Clerical and other, 688; salaries, \$748,164. See sec. 10, p. 7.

⁶See sec. 11, p. 7.

⁷Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11. See also "Duplication in cost of materials and value of products," p. 1219.

⁸Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 141; salaries, \$315,490. Technical, 30; salaries, \$63,682. Clerical, 279; salaries, \$262,635. See sec. 10, p. 7.

⁹Supervisory, 50; salaries, \$147,552. Clerical and other, 225; salaries, \$308,902. See sec. 10, p. 7.

¹⁰Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 13; salaries, \$35,541. Technical, 0; salaries, \$8,497. Clerical, 68; salaries, \$71,764. See sec. 10, p. 7.

¹¹Supervisory, 32; salaries, \$97,396. Clerical and other, 65; salaries, \$72,010. See sec. 10, p. 7.

¹²Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 34; salaries, \$83,500. Technical, 9; salaries, \$21,982. Clerical, 65; salaries, \$74,963. See sec. 10, p. 7.

¹³Supervisory, 40; salaries, \$32,965. Clerical and other, 58; salaries, \$37,035. See sec. 10, p. 7.

¹⁴Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 118; salaries, \$287,100. Technical, 13; salaries, \$34,910. Clerical, 422; salaries, \$523,175. See sec. 10, p. 7.

¹⁵Supervisory, 100; salaries \$249,108. Clerical and other, 340; salaries, \$310,077. See sec. 10, p. 7.

TABLE 2.—SUMMARY FOR THE "PIANOS" AND "MUSICAL INSTRUMENTS AND PARTS AND MATERIALS, NOT ELSEWHERE CLASSIFIED" INDUSTRIES, BY STATES: 1935

[See sec. 23, p. 12; "Omission of State statistics," p. 1219; footnotes 2 and 7, table 1]

	Number of establishments	Salaries of officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products	Value added by manufacture
"PIANOS" INDUSTRY								
United States.....	36	1 488	4, 110	<i>Dollars</i> 1 825, 357	<i>Dollars</i> 4, 088, 673	<i>Dollars</i> 5, 602, 476	<i>Dollars</i> 12, 688, 485	<i>Dollars</i> 7, 086, 009
Illinois.....	8	150	1, 286	181, 179	1, 168, 911	1, 598, 499	3, 465, 194	1, 806, 695
Indiana.....	3	15	145	27, 593	114, 976	219, 017	409, 354	190, 337
Michigan.....	3	31	260	52, 202	206, 609	431, 564	772, 855	341, 291
New York.....	14	198	1, 443	404, 582	1, 516, 608	2, 113, 660	5, 294, 359	3, 150, 669
Other States ²	8	94	977	159, 801	1, 081, 509	1, 239, 736	2, 776, 723	1, 536, 957
"MUSICAL INSTRUMENTS AND PARTS AND MATERIALS, NOT ELSEWHERE CLASSIFIED" INDUSTRY								
United States.....	94	³ 655	2, 864	³ 1, 214, 634	3, 010, 083	2, 729, 437	9, 060, 222	6, 330, 785
California.....	6	16	65	19, 357	84, 816	101, 676	277, 586	175, 910
Illinois.....	18	107	657	243, 246	745, 663	824, 559	2, 197, 106	1, 372, 547
Indiana.....	13	296	960	502, 790	940, 754	506, 677	2, 365, 110	2, 358, 433
Massachusetts.....	7	37	161	70, 895	168, 070	140, 959	475, 790	334, 837
Michigan.....	7	47	271	58, 413	242, 728	305, 080	667, 518	362, 438
New Jersey.....	4	18	174	52, 560	158, 356	189, 035	511, 601	322, 566
New York.....	23	54	189	109, 580	206, 689	269, 324	792, 123	622, 799
Other States ⁴	16	80	387	157, 793	463, 007	392, 127	1, 273, 382	881, 255

¹ See footnote 8, table 1.² Massachusetts, 2 establishments; Minnesota, 1; New Jersey, 2; Ohio, 1; Pennsylvania, 2.³ See footnote 14, table 1.⁴ Connecticut, 3 establishments; Maryland, 1; Missouri, 1; Ohio, 4; Pennsylvania, 3; Rhode Island, 1; Wisconsin, 3.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE INDUSTRIES, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935
 [See secs. 11 and 23, pp. 7 and 12]

Average number employed during year	NUMBER REPORTED FOR—											
	January	February	March	April	May	June	July	August	September	October	November	December
PIANOS INDUSTRY												
<i>United States</i>												
1935.....	3,979	4,079	4,149	3,988	3,902	3,857	3,287	3,863	4,209	4,572	4,731	4,709
1933.....	2,700	1,715	1,715	(*)	(*)	2,213	(*)	(*)	3,204	(*)	(*)	4,137
<i>States, 1935</i>												
Illinois.....	1,286	1,271	1,286	1,199	1,211	1,229	1,211	1,284	1,267	1,302	1,459	1,467
Indiana.....	1,145	1,150	1,145	1,142	1,147	1,126	1,115	1,136	1,156	1,162	1,157	1,141
Michigan.....	200	276	261	233	243	230	224	224	268	314	314	328
New York.....	1,443	1,533	1,522	1,456	1,354	1,341	790	1,318	1,522	1,615	1,662	1,660
ORGANS INDUSTRY												
<i>United States</i>												
1935.....	614	637	633	620	596	618	651	649	609	578	570	586
1933.....	574	562	562	(*)	(*)	527	(*)	(*)	594	(*)	(*)	631
PIANO AND ORGAN MATERIALS INDUSTRY												
<i>United States</i>												
1935.....	1,217	1,212	1,241	1,231	1,208	1,047	1,008	1,147	1,243	1,334	1,388	1,338
1933.....	768	465	465	(*)	(*)	619	(*)	(*)	990	(*)	(*)	1,091
"MUSICAL INSTRUMENTS AND PARTS AND MATERIALS, NOT ELSEWHERE CLASSIFIED" INDUSTRY												
<i>United States</i>												
1935.....	2,864	2,741	2,791	2,724	2,746	2,734	2,738	2,876	2,988	3,061	3,073	3,086
1933.....	2,064	1,862	1,862	(*)	(*)	1,914	(*)	(*)	2,225	(*)	(*)	2,362
<i>States, 1935</i>												
California.....	65	55	57	63	66	66	67	64	67	70	71	73
Connecticut.....	26	25	25	25	26	26	24	26	26	26	27	26
Illinois.....	657	668	679	675	657	637	633	637	648	656	680	686
Indiana.....	960	876	830	830	869	913	961	1,031	1,047	1,068	1,069	1,069
Massachusetts.....	161	137	147	154	155	149	160	160	180	180	190	185
Michigan.....	271	255	284	258	260	266	268	281	281	290	285	283
New Jersey.....	174	209	207	201	176	172	167	167	171	173	172	115
New York.....	189	179	177	171	189	186	192	201	201	192	211	220
Ohio.....	213	195	199	205	209	209	211	218	218	224	234	243
Pennsylvania.....	42	43	43	43	43	41	41	41	42	41	41	41
Wisconsin.....	87	75	84	82	79	67	60	64	86	113	121	125

* Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND, NUMBER, AND VALUE, FOR THE UNITED STATES: 1935, 1931, AND 1929

[No comparable figures are available for 1933. The figures given in this table include data for musical instruments, parts, and materials, valued as follows, made as secondary products by establishments engaged primarily in the manufacture of other classes of commodities: 1935, \$373,296; 1931, \$723,049; 1929, \$3,746,667.]

KIND	1935	1931	1929
Complete musical instruments, total value.....	\$20,537,252	\$24,839,552	\$61,052,695
Pianos:			
Total number.....	61,198	51,370	130,973
Total value.....	\$11,688,531	\$12,780,746	\$37,998,695
Upright, other than player:			
Number.....	32,162	18,329	49,039
Value.....	\$3,851,800	\$2,580,124	\$7,869,761
Upright, player:			
Number.....	418	1,692	17,330
Value.....	\$60,072	\$273,975	\$4,110,204
Upright, player, reproducing type:			
Number.....	(1)	146	1,445
Value.....	(1)	\$34,217	\$459,668
Baby grand (under 6 feet), other than player type:			
Number.....	26,980	24,712	36,929
Value.....	\$6,841,049	\$7,013,460	\$12,851,376
Parlor grand, other than player type:			
Number.....	1,362	5,517	7,767
Value.....	\$757,256	\$2,378,117	\$4,150,979
Other pianos:			
Number.....	2,276	974	18,437
Value.....	\$178,354	\$509,853	\$3,541,617
Organs:			
Total number.....	3,171	2,196	4,502
Total value.....	\$1,553,308	\$5,451,275	\$11,528,067
Pipe:			
Number.....	479	917	1,799
Value.....	\$1,438,453	\$5,283,331	\$11,153,353
Reed:			
Number.....	1,692	1,279	2,703
Value.....	\$114,855	\$107,944	\$375,284
Wind instruments, except organs, total value.....	\$3,871,090	\$2,813,521	\$5,544,747
Accordions, total value.....	\$745,264	(¹)	(¹)
48-bass and over:			
Number.....	5,990		
Value.....	\$683,681	(¹)	(¹)
Less than 48-bass, value.....	\$61,583		
Cup-mouthpiece instruments:			
Number.....	65,304	41,466	71,594
Value.....	\$1,577,452	\$1,291,442	\$2,459,763
Saxophones:			
Number.....	15,013	13,756	33,196
Value.....	\$820,515	\$349,897	\$2,085,910
Woodwinds:			
Number.....	30,185	18,728	23,906
Value.....	\$727,859	\$672,182	\$908,074
Stringed instruments, except pianos, total value.....	\$2,395,746	\$1,946,534	\$3,067,231
Banjos:			
Number.....	15,636	33,181	80,471
Value.....	\$161,934	\$463,908	\$1,192,408
Guitars:			
Number.....	362,132	150,308	162,764
Value.....	\$1,739,067	\$993,323	\$1,040,810
Mandolins:			
Number.....	27,653	17,310	28,490
Value.....	\$153,561	\$127,135	\$244,625
Ukuleles:			
Number.....	140,879	203,116	142,866
Value.....	\$142,692	\$293,893	\$310,776
Other stringed instruments (including violins and other bow instruments) ² and stringed instruments not reported by kind, value.....	\$198,492	\$158,305	\$278,612

For footnotes, see end of table.

TABLE 4.—PRODUCTS, BY KIND, NUMBER, AND VALUE, FOR THE UNITED STATES: 1935, 1931, AND 1929—Continued

KIND	1935	1931	1929
Complete musical instruments—Continued			
Percussion instruments:			
Total number.....	121,599	(¹)	(¹)
Total value.....	\$949,398	\$1,531,003	\$2,184,832
Drums:			
Number.....	36,072	}	(¹)
Value.....	\$478,120		
Other (bells, chimes, xylophones, etc.):			
Number.....	85,527	}	(¹)
Value.....	\$471,278		
Other instruments, value.....	\$79,179	\$316,473	\$728,523
Accessories, parts, and materials, total value.....	\$4,979,420	\$4,990,052	\$13,221,099
Accessories (music stands, drummers' traps, etc.) and parts (reeds, mouthpieces, etc.).....	\$741,106	(¹)	(¹)
Other parts and materials for musical instruments except pianos and organs, made for sale as such, value.....	\$1,061,378	\$1,612,242	\$2,830,451
Piano and organ parts and materials made for sale as such, total value.....	\$3,176,846	\$3,377,810	\$10,390,648
Piano parts and materials, total value.....	\$2,983,205	\$2,917,892	\$9,295,902
Actions (except pneumatic) for pianos, value.....	\$801,882	}	(¹)
Other parts and materials, including tuning pins, value.....	\$2,181,323		
Organ parts and materials, value.....	\$193,641	\$459,918	\$1,094,746
Perforated music rolls, value.....	\$169,500	\$428,186	\$2,555,544
Pipe organs and parts not separately reported.....	\$98,050		
Miscellaneous products (not normally belonging to these industries).....	\$862,492	\$1,761,209	
Receipts for custom and repair work.....	\$360,005	\$910,721	\$6,898,606

¹ None reported.

² Data for "Baby-grand player, reproducing type" and "Concert grand" included to avoid disclosing, exactly or approximately, production by individual establishments.

³ No electric organs were reported by manufacturers in the Musical-Instrument Industries group, and data for those reported by one manufacturer outside this group are withheld to avoid disclosing this manufacturer's production.

⁴ No data.

⁵ Figures for bow instruments cannot be given separately without disclosing approximations of data for individual establishments.

1621

OPTICAL GOODS

[A preliminary report for this industry was issued Dec. 24, 1936]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of ophthalmic products such as spectacles and eyeglasses, frames, mountings, etc.; ophthalmic and optical lenses; optical instruments, such as microscopes, telescopes, field glasses, etc.; and related instruments and apparatus, including ophthalmic and optical testing, measuring, and other instruments; photomicro and micro-projection apparatus; and artificial eyes. It does not cover the manufacture of optical machinery nor that of so-called lenses for use in headlights, lighthouses, and lanterns. Shops in which eyeglasses are fitted to individual order do not come within the scope of the Census.

Omission of State statistics except for wage-earner employment.—As no figures for salaries and wages, cost of materials, value of products, and value added by manufacture can be given for the most important State in this industry, namely, New York, without disclosing approximations of data for individual establishments, and as those States for which it would be possible to publish separate figures without disclosing such approximations of data accounted for less than one-half of the total activity of the industry (as measured by number of wage earners employed) in the United States in 1935, the publication of statistics for those States for which separate figures could be given would be misleading, and therefore no such statistics are included in this report. In table 2, however, figures are given for each State represented by three or more establishments, even though one or two of these establishments reported most of the wage earners employed in the industry. (See sec. 23, p. 12.)

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
Number of establishments.....	1 100	103	102	117	-2.9	-14.5
Proprietors and firm members.....	44	24	(*)	55	(*)	(*)
Salaried personnel, total ¹	2, 120	(*)	(*)	1, 487	(*)	42.6
Salaried officers of corporations.....	166	(*)	(*)	148	(*)	12.2
Supervisory, technical, and clerical employees.....	² 1, 954	³ 1, 790	(*)	1, 339	9.2	45.9
Salaries paid, total ³	\$4, 539, 566	(*)	(*)	\$4, 205, 251	(*)	7.9
To salaried officers of corporations.....	\$1, 287, 143	(*)	(*)	\$1, 211, 921	(*)	6.2
To supervisory, technical, and clerical employees.....	⁴ \$3, 252, 423	⁵ \$2, 844, 862	(*)	\$2, 993, 330	14.3	8.7
Wage earners (average for year) ⁷	9, 667	7, 598	7, 446	9, 701	27.2	-0.4
Wages.....	\$10, 333, 621	\$7, 300, 493	\$8, 755, 958	\$12, 633, 947	41.5	-18.2
Cost of materials, etc., total.....	11, 068, 398	8, 155, 143	7, 523, 942	11, 850, 128	35.7	-6.7
Cost of materials, supplies, and containers.....	10, 532, 051	(*)	(*)	11, 241, 340	(*)	-6.3
Cost of fuel.....	255, 097	(*)	(*)	389, 971	(*)	-33.0
Cost of purchased electric energy.....	281, 250	(*)	(*)	236, 817	(*)	18.8
Value of products.....	33, 600, 389	26, 214, 159	27, 887, 459	40, 562, 459	28.2	-17.2
Value added by manufacture ⁸	22, 531, 991	18, 059, 016	20, 363, 517	28, 703, 331	24.8	-21.5

*Percent not computed where base is less than 100.

¹ California, 6 establishments; Illinois, 5; Indiana, 1; Massachusetts, 13; Michigan, 1; Missouri, 2; New Jersey, 13; New York, 43; Ohio, 2; Pennsylvania, 6; Rhode Island, 5; Virginia, 2; Wisconsin, 1. See "Omission of State statistics except for wage-earner employment," p. 1226.

² No data.

³ No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

⁴ Data incomplete.

⁵ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 467; salaries, \$1,536,493. Technical, 57; salaries, \$145,017. Clerical, 1,430; salaries, \$1,570,913. See sec. 10, p. 7.

⁶ Supervisory, 493; salaries, \$1,476,263. Clerical and other, 1,207; salaries, \$1,368,599. See sec. 10, p. 7.

⁷ See sec. 11, p. 7.

⁸ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935
 [See secs. 11 and 23, pp. 7 and 12]

		NUMBER REPORTED FOR—											
Average number employed during year		January	February	March	April	May	June	July	August	September	October	November	December
1935	9,667	9,495	9,642	9,709	9,945	10,027	9,877	8,748	9,666	9,563	9,992	9,749	9,887
1933	7,598	(*)	(*)	6,772	(*)	(*)	7,302	(*)	(*)	8,087	(*)	(*)	8,930
<i>United States</i>													
<i>States, 1935</i>													
California	32	31	32	32	32	32	32	31	32	32	32	30	31
Illinois	184	153	154	160	164	155	220	205	202	193	215	190	168
Massachusetts	3,294	3,274	3,233	3,346	3,369	3,539	3,283	2,275	3,283	3,286	3,322	3,319	3,381
New Jersey	4,193	391	386	446	465	414	433	433	351	324	322	342	369
New York	4,193	4,021	4,120	4,201	4,223	4,101	4,120	4,120	4,077	4,070	4,123	4,176	4,220
Pennsylvania	520	525	500	574	550	517	504	484	494	490	489	486	497
Rhode Island	470	467	504	506	494	475	458	458	450	447	454	453	454

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 3.—PRODUCTS, BY KIND AND VALUE: 1935, 1931, AND 1929

[No comparable figures available for 1933]

	1935	1931	1929
1. Optical Goods industry, all products, total value.....	\$33, 600, 389	\$27, 887, 459	\$40, 562, 459
2. Optical goods (including parts).....	31, 201, 223	¹ 26, 449, 712	¹ 36, 542, 550
3. Other products (not normally belonging to the industry)	2, 231, 826	¹ 1, 280, 148	} ¹ 4, 019, 909
4. Receipts for contract and custom work.....	167, 340	157, 599	
5. Optical goods (including parts) made as secondary products in other industries.....	867, 938	233, 119	368, 198
Optical goods (including parts), aggregate value (sum of 2 and 5).....	32, 069, 161	¹ 26, 682, 831	¹ 36, 910, 748
Ophthalmic products, total value.....	27, 248, 257	23, 011, 161	29, 342, 851
Spectacle and eyeglass frames, mountings, and parts, total.....	11, 913, 603	12, 209, 570	14, 196, 798
All-metal.....	9, 787, 885	8, 785, 934	7, 594, 616
Zylonite or shell, with or without metal parts.....	2, 125, 718	3, 423, 636	6, 602, 182
Lenses, ophthalmic, ² total.....	9, 405, 684	7, 125, 884	9, 557, 041
Single-vision lenses (not colored).....	4, 023, 241	3, 271, 981	4, 458, 154
Multi-vision lenses (bifocals and trifocals, not colored).....	3, 973, 241	3, 355, 366	4, 463, 493
Colored lenses.....	1, 409, 202	498, 537	635, 394
Protection or individual goggles, eye protectors, mountings, and parts.....	1, 821, 060	} 2, 669, 410	3, 933, 076
Sun or glare glasses and sun goggles.....	2, 104, 285		
Accessories.....	552, 306	285, 301	542, 270
Other ophthalmic products ³	1, 450, 419	720, 996	1, 113, 666
Optical instruments and parts, total ⁴	4, 820, 904	3, 671, 670	7, 567, 897

¹ Revised.² So-called lenses for headlights, lanterns, etc., are treated as products of the Glass industry.³ Readers and simple magnifiers; ophthalmic instruments, and other ophthalmic products.⁴ Microscopes, telescopes, photo-micro and micro-projection apparatus, field and opera glasses, refractometers, etc., telescopic sights, fire-control optical instruments, photographic and projection lenses and prisms, searchlight mirrors and reflectors, and parts and accessories for optical instruments.

PENCILS, LEAD (INCLUDING MECHANICAL), AND CRAYONS

[A preliminary report for this industry was issued November 24, 1936]

Description of the industry.—This industry, as classified for Census purposes, embraces establishments engaged primarily in the manufacture of pencils, both mechanical and other, pencil leads, pencil parts, crayons, and crayon pencils. (The figures for preceding Census years have been revised by the inclusion of data for manufacturers of crayons formerly classified in the Artists' Materials industry.)

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933 ¹	1931 ¹	1929 ¹	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	47	43	46	55	(*)	(*)
Proprietors and firm members.....	11	10	(2)	15	(*)	(*)
Salaried personnel, total ²	914	(4)	(2)	1,295	(4)	-29.4
Salaried officers of corporations.....	86	(4)	(2)	101	(4)	-14.9
Supervisory, technical, and clerical employees.....	⁶ 828	⁶ 643	(2)	1,194	28.8	-30.7
Salaries paid, total ³	\$2,091,267	(4)	(2)	\$3,430,005	(4)	-30.0
To salaried officers of corporations.....	\$626,910	(4)	(2)	\$705,963	(4)	-11.2
To supervisory, technical, and clerical employees.....	⁶ \$1,464,357	⁶ \$1,085,000	(2)	\$2,724,042	35.0	-46.2
Wage earners (average for year) ⁷	5,182	4,048	3,969	6,247	28.0	-17.0
Wages.....	\$4,235,611	\$3,166,791	\$3,700,129	\$6,927,063	33.8	-38.9
Cost of materials, etc., total.....	8,255,061	5,134,097	6,128,175	11,913,787	60.8	-30.7
Cost of materials, supplies, and containers.....	7,955,555	(2)	(2)	11,459,272	(2)	-30.6
Cost of fuel.....	160,788	(2)	(2)	269,907	(2)	-40.4
Cost of purchased electric energy.....	138,718	(2)	(2)	184,608	(2)	-24.0
Value of products.....	19,999,357	14,394,002	17,237,351	31,292,780	38.9	-36.1
Value added by manufacture ⁸	11,744,296	9,259,905	11,109,176	19,378,993	26.8	-39.4

*Percent not computed where base is less than 100.

¹ Revised. See "Description of the industry," above.

² No data.

³ No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

⁴ Data incomplete.

⁵ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 172; salaries, \$573,846. Technical, 61; salaries, \$142,592. Clerical, 595; salaries, \$747,919. See sec. 10, p. 7.

⁶ Supervisory, 114; salaries, \$420,787. Clerical and other, 529; salaries, \$664,222. See sec. 10, p. 7.

⁷ See sec. 11, p. 7.

⁸ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

PENCILS, LEAD (INCLUDING MECHANICAL), AND CRAYONS 1231

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 3 and 8, table 1]

	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products	Value added by manufacture
United States--	47	914	5,182	\$2,091,267	\$4,235,611	\$8,255,061	\$19,999,357	\$11,744,296
Illinois-----	5	68	233	119,415	172,943	275,676	1,001,902	726,226
New Jersey-----	6	215	1,088	553,297	1,439,729	2,160,087	5,706,562	3,546,475
New York-----	10	260	1,478	576,751	1,294,041	2,656,871	5,784,906	3,128,035
Pennsylvania-----	6	145	293	302,224	291,806	771,940	1,700,198	988,258
Rhode Island-----	5	27	229	55,200	194,316	354,509	752,041	397,532
Tennessee-----	4	31	383	76,541	214,437	926,976	1,431,988	505,012
Other States 1-----	11	168	877	407,839	628,339	1,109,002	3,561,760	2,452,758

1 California, 1 establishment; Georgia, 2; Massachusetts, 4; Missouri, 2; Ohio, 1; West Virginia, 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
<i>United States</i>													
1935-----	5,182	4,811	4,951	5,110	5,183	5,250	5,335	5,107	5,316	5,335	5,229	5,259	5,213
1933-----	4,048	(*)	(*)	3,458	(*)	(*)	3,685	(*)	(*)	4,679	(*)	(*)	4,703
<i>States, 1935</i>													
Illinois-----	233	223	249	240	180	187	203	224	255	294	247	250	243
Massachusetts-----	55	49	52	52	57	54	52	55	57	59	59	53	53
New Jersey-----	1,684	1,570	1,605	1,663	1,717	1,746	1,779	1,758	1,759	1,709	1,677	1,667	1,610
New York-----	1,478	1,398	1,435	1,469	1,465	1,499	1,496	1,474	1,462	1,579	1,508	1,507	1,457
Pennsylvania-----	293	281	279	279	300	298	376	383	206	249	269	288	351
Rhode Island-----	229	208	205	210	222	219	220	227	238	246	242	240	259
Tennessee-----	383	370	357	368	369	376	353	373	487	389	379	375	375

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE: 1935, 1931, AND 1929

[No comparable figures available for 1933. See sec. 4, p. 3]

	1935	1931 ¹	1929 ¹
1. "Pencils, Lead (Including Mechanical), and Crayons" industry, all products.....	\$19,999,357	\$17,237,351	\$31,292,780
2. Pencils (mechanical and other), pencil leads, pencil parts, and crayons.....	\$17,027,503	\$15,090,374	\$22,765,600
3. Other products (not normally belonging to the industry).....	\$2,971,854	\$2,146,977	\$8,527,180
4. Pencils, etc., made as secondary products in other industries.....	\$3,291,933	\$4,194,843	\$4,819,045
Pencils, etc., aggregate value (sum of 2 and 4).....	\$20,319,436	\$19,285,217	\$27,584,645
Pencils, total value.....	\$15,250,531	\$15,175,104	\$22,490,592
Pencils other than mechanical:			
Total gross.....	6,235,582	4,764,002	5,853,713
Total value.....	\$10,423,099	\$10,008,942	\$13,604,718
Black-lead:			
Gross.....	5,898,504		
Value.....	\$9,299,784		
Indelible and colored lead:		(²)	(²)
Gross.....	324,055		
Value.....	\$1,093,982		
Other:			
Gross.....	13,023		
Value.....	\$29,333		
Mechanical pencils:			
Total gross.....	338,921	146,405	165,115
Total value.....	\$4,827,432	\$5,166,162	\$8,885,574
Pyroxylin:			
Gross.....	125,146	81,000	50,601
Value.....	\$3,663,138	\$3,746,235	\$4,282,553
Other:			
Gross.....	213,775	65,405	114,454
Value.....	\$1,164,294	\$1,419,927	\$4,603,321
Pencil parts made for sale as such, total value.....	\$2,181,679	\$1,685,539	\$1,985,835
Leads for mechanical pencils.....	\$1,278,988	\$905,726	\$989,064
Leads for other pencils.....	\$474,630	\$579,813	\$787,840
Other parts.....	\$428,061	\$200,000	\$208,931
Crayons, including chalk, total value.....	\$2,887,226	\$2,424,574	\$3,198,218
Chalk and gypsum.....	\$826,012		
Other crayons.....	\$1,869,843	(²)	(²)
Crayons not reported separately.....	\$191,371		

¹ Revised. See "Description of the industry," p. 1230.² No data.

1634

PENS, FOUNTAIN AND STYLOGRAPHIC; PEN POINTS, GOLD, STEEL, AND BRASS

[A preliminary report for this industry was issued November 20, 1936]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of fountain pens, fountain-pen desk sets, stylographic pens, pen points, ink pencils, penholders, and pen parts. The 1931 and 1929 figures for pen points include data for points made for installation in fountain pens made by the same manufacturers, and therefore are not comparable with the corresponding figures for 1935, which refer only to pen points made for sale as such.

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	51	54	68	76	(*)	(*)
Proprietors and firm members.....	29	20	(1)	37	(*)	(*)
Salaried personnel, total ²	787	(3)	(1)	765	(3)	2.9
Salaried officers of corporations.....	77	(3)	(1)	102	(3)	-24.5
Supervisory, technical, and clerical employees.....	⁴ 710	⁴ 643	(1)	663	10.4	7.1
Salaries paid, total ²	\$1,341,764	(3)	(1)	\$1,801,916	(3)	-25.5
To salaried officers of corporations.....	\$407,998	(3)	(1)	\$565,673	(3)	-27.9
To supervisory, technical, and clerical employees.....	⁴ \$933,766	⁴ \$767,849	(1)	\$1,236,243	21.6	-24.5
Wage earners (average for year) ⁴	3,780	3,099	3,945	4,600	22.0	-17.8
Wages.....	\$3,427,527	\$2,341,439	\$4,364,216	\$5,304,142	46.4	-35.4
Cost of materials, etc., total.....	5,783,066	4,124,440	7,219,257	11,459,411	40.2	-49.5
Cost of materials, supplies, and containers.....	5,654,909	(1)	(1)	11,307,629	(1)	-50.0
Cost of fuel.....	57,232	(1)	(1)	50,125	(1)	14.2
Cost of purchased electric energy.....	70,925	(1)	(1)	101,657	(1)	-30.2
Value of products.....	17,887,501	11,597,763	23,798,701	34,211,384	54.2	-47.7
Value added by manufacture ⁷	12,104,435	7,473,323	16,579,444	22,751,973	62.0	-46.8

* Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 127; salaries, \$389,110. Technical, 9; salaries, \$24,448. Clerical, 574; salaries, \$520,208. See sec. 10, p. 7.

⁵ Supervisory, 124; salaries, \$319,320. Clerical and other, 519; salaries, \$448,529. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Sal- aried officers and em- ployees	Wage earners (aver- age for the year)	Salaries	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products	Value added by manufac- ture
United States.....	51	787	3,780	\$1,341,764	\$3,427,527	\$5,783,066	\$17,887,501	\$12,104,435
Massachusetts.....	5	21	72	39,074	77,995	120,923	259,123	138,200
New Jersey.....	10	97	902	229,622	895,204	1,316,886	3,832,552	2,515,666
New York.....	19	77	330	162,593	285,581	738,735	1,887,837	949,102
Other States.....	17	592	2,478	910,475	2,168,747	3,606,522	12,407,989	8,801,467

¹ California, 1 establishment; Connecticut, 2; Illinois, 4; Iowa, 1; Ohio, 4; Pennsylvania, 1; Virginia, 2; Wisconsin, 2.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1835 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
<i>United States</i>													
1935.....	3,780	3,437	3,631	3,647	3,596	3,536	3,538	3,536	3,755	4,061	4,226	4,260	4,142
1933.....	3,099	(*)	(*)	2,694	(*)	(*)	2,853	(*)	(*)	3,491	(*)	(*)	3,676
<i>States, 1935</i>													
Illinois.....	622	593	656	615	572	566	597	574	600	676	660	675	675
Massachusetts.....	72	59	70	72	70	63	69	69	69	71	84	84	78
New Jersey.....	902	869	877	878	873	877	858	851	883	921	972	996	965
New York.....	330	281	293	298	298	272	311	308	331	374	410	404	384
Ohio.....	112	78	92	97	101	103	105	103	108	130	136	148	141

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7

FOUNTAIN PENS AND PEN POINTS

1235

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE: 1935, 1931, AND 1929

[No comparable figures available for 1933. See sec. 4, p. 3]

	1935	1931	1929
1. "Pens, Fountain and Stylographic; Pen Points, Gold, Steel, and Brass" industry, all products, total value.....	\$17,887,501	\$23,798,701	\$34,211,384
2. Pens, fountain and stylographic, fountain-pen desk sets, pen points, and pen parts.....	\$12,499,780	\$17,191,573	\$26,524,887
3. Other products (not normally belonging to the industry).....	\$4,830,802	\$5,811,378	\$6,369,734
4. Receipts for custom and repair work.....	\$556,919	\$795,750	\$1,316,763
5. Pens, etc., made as secondary products in other industries, value.....	\$1,104,071	\$614,619	\$2,710,282
Pens, etc., aggregate value (sum of 2 and 5).....	\$13,603,851	\$17,806,192	\$29,235,169
Fountain and stylographic pens:			
Total gross.....	142,092	173,761	299,354
Total value.....	\$11,040,903	\$14,579,055	\$22,668,386
Pyroxylin fountain pens:			
Gross.....	140,483		
Value.....	\$10,898,965		
Other fountain and stylographic pens: ⁴		(³)	(³)
Gross.....	1,609		
Value.....	\$141,938		
Parts of fountain pens and stylographic pens (except pen points) made for sale as such, value.....	\$612,868		
Penholders and parts (except pen points) made for sale as such, value.....	\$253,822	\$1,092,536	\$1,108,116
Pen points made for sale as such:			
Total gross.....	1,442,358	1,248,455	2,044,624
Total value.....	\$1,066,402	\$1,274,021	\$3,081,324
Gold:			
Gross.....	3,610	24,049	37,439
Value.....	\$147,980	\$768,097	\$1,782,916
Steel and brass:			
Gross.....	1,438,748	1,224,406	2,007,185
Value.....	\$918,422	\$505,924	\$1,298,408
Fountain-pen desk sets:			
Number and value reported:			
Number.....	146,663	224,496	393,696
Value.....	\$339,869	\$860,580	\$2,377,343
Number not reported, value.....	\$67,567		
Products not reported in detail, value.....	\$222,420		

¹ Fountain pens: 72,976 gross; value, \$14,466,242. Stylographic pens: 785 gross; value, \$112,813.

² Fountain pens: 97,409 gross; value, \$22,383,698. Stylographic pens: 1,945 gross; value, \$284,688.

³ Not reported separately.

⁴ Figures for fountain and stylographic pens combined to avoid disclosing data reported by an individual establishment.

⁵ Not comparable with 1935. See "Description of the industry," p. 1233.

PHOTOGRAPHIC APPARATUS AND MATERIALS AND PROJECTION APPARATUS

[A preliminary report for this industry was issued Nov. 18, 1936]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of cameras (including motion-picture cameras), motion-picture projection machines, photostat machines, blue-printing machines, flashlight apparatus and materials, tripods, plate holders, film rewinders and reels, developing tanks, sensitized paper and cloth, dry plates and films, lantern and stereopticon slides, and sheet gelatin.

Omission of State statistics except for wage-earner employment.—As no figures for salaries and wages, cost of materials, value of products, and value added by manufacture can be given for the most important State in this industry, namely, New York, without disclosing approximations of data for individual establishments, and as those States for which it would be possible to publish separate figures without disclosing such approximations of data accounted for less than one-half of the total activity of the industry (as measured by number of wage earners employed) in the United States in 1935, the publication of statistics for those States for which separate figures could be given would be misleading, and therefore no such statistics are included in this report. In table 2, however, figures are given for each State represented by three or more establishments, even though one or two of these establishments reported most of the wage earners employed in the industry. (See sec. 23, p. 12.)

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
Number of establishments.....	1 118	84	110	115	(*)	2.6
Proprietors and firm members.....	48	52	(2)	58	(*)	(*)
Salaried personnel, total ³	3,460	(1)	(2)	3,335	(1)	3.7
Salaried officers of corporations.....	111	(1)	(2)	109	(1)	1.8
Supervisory, technical, and clerical employees.....	⁴ 3,349	⁴ 1,814	(2)	3,226	84.6	3.8
Salaries paid, total ³	\$7,400,281	(1)	(2)	\$7,863,176	(1)	-5.9
To salaried officers of corporations.....	\$740,579	(1)	(2)	\$930,302	(1)	-20.4
To supervisory, technical, and clerical employees.....	⁵ \$6,659,702	⁶ \$3,976,374	(2)	\$6,932,874	67.5	-3.9
Wage earners (average for year) ⁷	12,000	8,975	10,609	12,967	33.7	-7.4
Wages.....	\$15,807,322	\$10,154,891	\$13,082,078	\$20,507,499	55.7	-22.9
Cost of materials, etc., total.....	26,132,752	11,084,799	20,867,793	30,392,531	118.0	-14.0
Cost of materials, supplies, and containers.....	24,746,595	(2)	(2)	29,079,325	(2)	-14.9
Cost of fuel.....	908,955	(2)	(2)	811,241	(2)	12.0
Cost of purchased electric energy.....	477,202	(2)	(2)	501,965	(2)	-4.9
Value of products.....	73,966,259	53,859,955	79,506,499	102,827,386	37.3	-28.1
Value added by manufacture ⁸	47,833,507	41,875,156	58,638,706	72,434,855	14.2	-34.0

* Percent not computed where base is less than 100.

¹ California, 15 establishments; Colorado, 2; Connecticut, 1; Illinois, 23; Indiana, 2; Iowa, 2; Kansas, 1; Louisiana, 1; Massachusetts, 1; Michigan, 4; Minnesota, 2; Missouri, 7; New Jersey, 1; New York, 40; Ohio, 4; Pennsylvania, 8; Washington, 2; Wisconsin, 2. See "Omission of State statistics except for wage-earner employment," p. 1236.

² No data.

³ No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

⁴ Data incomplete.

⁵ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 849; salaries, \$3,120,873. Technical, 595; salaries, \$1,273,264. Clerical, 1,905; salaries, \$2,265,565. See sec. 10, p. 7.

⁶ Supervisory, 703; salaries, \$2,625,832. Clerical and other, 1,111; salaries, \$1,350,542. See sec. 10, p. 7.

⁷ See sec. 11, p. 7.

⁸ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935
 [See secs. 11 and 23, pp. 7 and 12]

Average number employed during year	NUMBER REPORTED FOR—											
	January	February	March	April	May	June	July	August	September	October	November	December
1935	11,224	11,357	11,372	11,456	11,564	11,805	12,017	12,238	12,402	12,613	12,835	13,123
1933	8,975	8,466	8,466	8,466	8,466	8,845	9,238	9,238	9,230	9,230	9,230	9,789
United States												
States, 1935												
California	66	85	88	99	102	103	101	103	105	107	108	108
Illinois	787	791	815	823	823	825	829	843	866	875	1,044	1,061
Michigan	16	20	24	15	15	13	15	14	14	14	14	18
Missouri	173	178	175	183	182	180	187	190	198	199	200	205
New York	8,952	9,069	9,113	9,192	9,312	9,592	9,799	9,986	10,127	10,191	10,331	10,542
Ohio	41	37	38	38	37	38	39	44	44	47	46	50
Pennsylvania	144	147	145	142	148	145	141	143	149	154	156	155

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 3.—PRODUCTS, BY KIND AND VALUE: 1935 AND 1931

[No comparable figures available for 1933]

	1935	1931
1. "Photographic Apparatus and Materials and Projection Apparatus" industry, all products, total value.....	\$73,966,259	\$79,506,499
2. Photographic apparatus and materials and projection apparatus.....	\$69,874,994	\$78,946,366
3. Other products (not normally belonging to the industry).....	\$3,804,290	\$148,642
4. Receipts for contract, custom, and repair work.....	\$286,975	\$411,491
5. Photographic apparatus, etc., made as secondary products in other industries.....	\$625,926	\$325,484
Photographic apparatus and materials and projection apparatus, aggregate value (sum of 2 and 5).....	\$70,500,920	\$79,271,830
Cameras (including motion-picture).....	\$4,825,140	}
Projectors, total value.....	\$3,340,118	
Motion-picture:		\$9,570,714
Number.....	37,723	}
Value.....	\$3,154,110	
Other, value.....	\$186,008	
Films (motion-picture and other) ¹	\$41,027,068	\$60,465,356
Sensitized paper.....	\$13,653,722	}
Sensitized plates and slides.....	\$944,717	
Other photographic apparatus and materials.....	\$6,710,155	

¹ Figures combined to avoid disclosing, exactly or approximately, data for individual establishments.

1637

PIPES (TOBACCO)

Description of the industry.—The establishments classified in this industry are engaged primarily in the manufacture of tobacco pipes from brier, meerschaum, composition, corncobs, and clay, with mouth-pieces of amber, rubber, celluloid, ivory, and other materials, and of cigar and cigarette holders of materials other than paper.

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	29	22	24	24	(*)	(*)
Proprietors and firm members.....	13	4	(1)	11	(*)	(*)
Salaried personnel, total ²	193	(3)	(1)	257	(3)	-24.9
Salaried officers of corporations.....	43	(3)	(1)	34	(3)	(*)
Supervisory and clerical employees.....	⁴ 150	⁶ 69	(1)	223	(*)	-32.7
Salaries paid, total ²	\$446,998	(3)	(1)	\$618,778	(3)	-27.8
To salaried officers of corporations.....	\$245,993	(3)	(1)	\$231,480	(3)	6.3
To supervisory and clerical employees.....	⁴ \$201,005	⁶ \$127,626	(1)	\$387,289	57.5	-43.1
Wage earners (average for year) ⁵	2,240	1,362	1,677	1,680	64.5	33.3
Wages.....	\$2,283,345	\$1,145,314	\$1,761,388	\$1,961,020	99.4	16.4
Cost of materials, etc., total.....	1,942,054	960,270	1,775,548	1,749,222	102.2	11.0
Cost of materials and supplies.....	1,863,066	(1)	(1)	1,679,835	(1)	10.3
Cost of fuel.....	21,564	(1)	(1)	18,752	(1)	15.0
Cost of purchased electric energy.....	57,424	(1)	(1)	50,632	(1)	13.4
Value of products.....	6,176,402	3,273,851	5,522,316	5,557,982	88.7	11.1
Value added by manufacture ⁷	4,234,348	2,313,581	3,746,768	3,808,760	83.0	11.2

* Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, 42; salaries, \$95,989. Clerical, 108; salaries, \$105,016. See sec. 10, p. 7.

⁵ Supervisory, 26; salaries, \$77,955. Clerical, 43; salaries, \$49,671. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, fuel, and purchased energy	Value of products	Value added by manufacture
United States.....	29	193	2,240	\$446,998	\$2,283,345	\$1,942,054	\$6,176,402	\$4,234,348
Missouri.....	6	17	203	24,566	113,928	132,436	351,615	219,179
New York.....	15	109	966	314,162	1,061,582	949,485	2,985,758	1,986,273
Other States ¹	8	67	1,071	108,270	1,107,835	860,133	2,889,029	2,028,896

¹ Connecticut, 1 establishment; Illinois, 1; Massachusetts, 2; New Hampshire, 1; New Jersey, 2; Ohio, 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
<i>United States</i>													
1935.....	2,240	1,944	2,037	2,171	2,209	2,222	2,211	2,148	2,232	2,329	2,474	2,486	2,417
1933.....	1,362	(*)	(*)	1,465	(*)	(*)	1,389	(*)	(*)	1,493	(*)	(*)	1,523
<i>States, 1935</i>													
Missouri.....	203	199	200	201	211	210	197	206	210	193	206	206	193
New York.....	966	802	848	947	930	946	922	849	938	1,027	1,121	1,150	1,111

*Data incomplete. See last sentence, second paragraph, sec. 11, p 7.

TABLE 4.—PRODUCTS, BY KIND AND VALUE: 1935, 1931, AND 1929

[No comparable figures available for 1933. See sec. 4, p. 3]

KIND	1935	1931	1929
1. Pipes (Tobacco) industry, all products, total value.....	\$6,176,402	\$5,522,316	\$5,557,982
2. Pipes, cigar and cigarette holders, and parts.....	6,075,761	5,380,786	5,499,197
3. Other products (not normally belonging to the industry).....	15,411	158,593	49,817
4. Receipts for contract, custom, and repair work.....	85,230	2,934	8,968
5. Pipes, cigar and cigarette holders, etc., made as secondary products in other industries, value.....	9,085	19,232	38,027
Pipes, cigar and cigarette holders, and parts, aggregate value (sum of 2 and 5).....	6,084,846	5,380,018	5,537,224
Pipes and pipe parts, total.....	6,013,767	5,241,123	5,356,208
Brier pipes.....	5,401,459	4,070,383	4,618,995
Corncob pipes.....	323,815	480,448	550,244
Other pipes and pipe parts.....	288,496	84,292	186,969
Cigar and cigarette holders (other than paper) and parts.....	71,079	138,895	181,010

1637

ROOFING, BUILT-UP AND ROLL; ASPHALT SHINGLES; ROOF COATINGS OTHER THAN PAINT

[A preliminary report for this industry was issued Feb. 4, 1937]

Description of the industry.—This industry embraces establishments engaged wholly or chiefly in the manufacture of asphalt and other saturated felts, in rolls or in shingle form, either smooth or faced with grit, for roofing purposes, and of roofing cements and coatings (except paint). Asphalt brick siding is also made by some of the establishments. This industry does not include the production of asbestos shingles and flexible roofing, which are assigned to the Asbestos Products industry.

TABLE I.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE(—)	
					1933-1935	1929-1935
Number of establishments.....	108	74	83	102	(*)	5.9
Proprietors and firm members.....	21	5	(1)	15	(*)	(*)
Salaried personnel, total ²	886	(2)	(1)	1,384	(2)	-38.0
Salaried officers of corporations.....	75	(2)	(1)	100	(2)	-25.0
Supervisory, technical, and clerical employees.....	811	635	(1)	1,284	27.7	-36.8
Salaries paid, total ²	\$2,009,960	(2)	(1)	\$3,504,548	(2)	-42.6
To salaried officers of corporations.....	\$348,856	(2)	(1)	\$705,878	(2)	-50.6
To supervisory, technical, and clerical employees.....	\$1,661,104	\$1,111,782	(1)	\$2,798,670	49.4	-40.6
Wage earners (average for year) ³	6,478	4,418	4,123	6,027	48.6	7.5
Wages.....	\$6,684,820	\$4,435,500	\$5,331,030	\$8,951,537	50.7	-25.3
Cost of materials, etc., total.....	\$42,966,636	\$23,892,848	\$32,706,052	\$61,391,590	79.8	-30.0
Cost of materials and supplies.....	\$41,460,703	(1)	(1)	\$59,372,354	(1)	-30.2
Cost of fuel.....	\$1,055,791	(1)	(1)	\$1,496,550	(1)	-29.5
Cost of purchased electric energy.....	\$450,142	(1)	(1)	\$522,685	(1)	-13.9
Value of products.....	\$76,172,504	\$44,833,073	\$58,962,919	\$103,506,090	69.9	-25.4
Value added by manufacture ²	\$33,205,868	\$20,940,225	\$26,256,887	\$42,114,500	58.6	-21.2

* Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 222; salaries, \$681,006. Technical, 122; salaries, \$305,919. Clerical, 467; salaries, \$674,119. See sec. 10, p. 7.

⁵ Supervisory, 212; salaries, \$568,145. Clerical and other, 423; salaries, \$543,037. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 18, p. 11.

ROOFING AND ROOF COATINGS

1243

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Num- ber of estab- lish- ments	Sal- aried officers and em- ployees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, fuel, and purchased energy	Value of products	Value added by manufac- ture
United States---	108	886	6, 478	\$2, 009, 960	\$6, 684, 820	\$42, 066, 636	\$76, 172, 504	\$33, 205, 868
California-----	10	72	495	138, 849	530, 030	3, 485, 709	7, 814, 719	4, 329, 010
Illinois-----	17	203	1, 940	419, 719	1, 981, 322	11, 979, 372	22, 423, 639	10, 444, 167
Minnesota-----	3	12	197	22, 931	168, 329	1, 514, 862	2, 523, 685	1, 008, 823
New Jersey-----	14	174	1, 140	416, 906	1, 258, 903	7, 595, 031	12, 115, 877	4, 520, 846
New York-----	11	50	260	100, 176	226, 892	1, 462, 613	2, 434, 370	971, 757
Ohio-----	8	78	543	210, 693	624, 026	5, 707, 326	8, 832, 973	3, 125, 647
Pennsylvania-----	10	91	738	194, 250	607, 102	4, 679, 982	7, 422, 020	2, 742, 038
Other States ¹ -----	35	206	1, 160	506, 436	1, 198, 216	6, 541, 741	12, 605, 321	6, 063, 580

¹ Alabama, 1 establishment; Arkansas, 1; Colorado, 1; Connecticut, 1; Florida, 3; Georgia, 1; Indiana, 3; Kentucky, 2; Louisiana, 1; Maryland, 2; Massachusetts, 3; Michigan, 1; Missouri, 4; Oregon, 1; South Carolina, 1; Tennessee, 2; Texas, 1; Utah, 1; Vermont, 1; Virginia, 1; Washington, 1; West Virginia, 1; Wisconsin, 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935
 [See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
1935.....	6,478	5,186	5,081	6,384	6,876	7,144	7,111	7,205	7,388	7,404	6,464	5,812	
1933.....	4,418	3,775	3,775	(*)	(*)	4,343	(*)	(*)	5,254	(*)	(*)	4,457	
<i>United States</i>													
California.....	495	429	420	437	418	415	512	579	690	595	587	500	
Florida.....	11	12	12	12	12	11	11	11	11	11	11	11	
Illinois.....	1,940	1,393	1,543	1,996	2,175	2,280	2,157	2,179	2,223	2,271	1,974	1,653	
Indiana.....	81	50	56	70	94	98	117	101	96	99	94	58	
Massachusetts.....	361	301	299	345	371	387	431	397	393	391	357	353	
Minnesota.....	197	106	164	235	243	262	245	229	219	203	174	164	
Missouri.....	129	111	115	151	130	152	131	127	128	147	130	120	
New Jersey.....	1,140	1,009	941	1,103	1,218	1,271	1,227	1,227	1,196	1,214	1,060	993	
New York.....	260	162	181	182	1,271	1,289	1,265	1,329	1,332	308	268	241	
Ohio.....	548	442	458	556	566	572	577	590	641	652	540	528	
Pennsylvania.....	788	651	644	786	796	833	785	807	797	816	705	637	

* Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

ROOFING AND ROOF COATINGS

1245

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE: 1935, 1931, AND 1929

[No detailed production data were collected for 1933. For totals for all kinds of roofing materials reported, see table 5]

	1935	1931	1929
1. "Roofing, Built-up and Roll; Asphalt Shingles; Roof Coatings Other Than Paint" industry, all products.....	\$76, 172, 504	\$58, 962, 919	\$108, 506, 090
2. Roofing, shingles, and coatings.....	70, 689, 180	49, 463, 352	94, 591, 578
3. Other products (not normally belonging to the industry).....	5, 483, 324	9, 509, 567	8, 914, 512
4. Roofing, built-up and roll, etc., made as secondary products in other industries.....	6, 347, 228	6, 143, 744	6, 493, 283
Roofing, built-up and roll, asphalt shingles, and roof coatings other than paint, aggregate value (sum of 2 and 4).....	\$77, 036, 408	\$55, 597, 096	\$101, 084, 861
Asphalt roll roofing:			
Total roofing squares.....	22, 590, 588	17, 525, 143	28, 437, 076
Total value.....	\$25, 728, 128	\$20, 272, 517	\$36, 109, 653
Smooth-surfaced:			
Roofing squares.....	14, 641, 920	11, 659, 193	18, 718, 704
Value.....	\$14, 670, 204	\$11, 213, 050	\$20, 032, 452
Grit-surfaced:			
Roofing squares.....	7, 957, 668	5, 865, 950	9, 718, 372
Value.....	\$11, 057, 924	\$9, 059, 467	\$16, 077, 201
Asphalt shingles:			
Total roofing squares.....	7, 731, 034	6, 558, 524	11, 076, 636
Total value.....	\$26, 812, 741	\$22, 506, 749	\$42, 291, 343
Strip:			
Roofing squares.....	6, 043, 383	5, 206, 259	9, 692, 774
Value.....	\$21, 908, 083	\$18, 328, 528	\$33, 707, 384
Individual:			
Roofing squares.....	1, 682, 651	1, 352, 265	1, 983, 862
Value.....	\$4, 904, 658	\$4, 238, 221	\$8, 583, 959
Saturated felt:			
Total tons (2000 pounds).....	225, 623	143, 512	205, 525
Total value.....	\$8, 053, 275	\$6, 025, 401	\$9, 803, 629
Asphalt-saturated felt:			
Tons.....	186, 298	110, 727	137, 026
Value.....	\$6, 237, 267	\$4, 685, 835	\$6, 631, 461
Tar-saturated felt:			
Tons.....	39, 325	32, 785	68, 499
Value.....	\$1, 816, 008	\$1, 339, 566	\$3, 172, 168
Waterproofing fabrics, value.....	\$452, 984	(1)	(1)
Roof coatings and cements, total value.....	\$7, 707, 679	\$4, 298, 946	\$6, 311, 449
Asphalt roof cement (solid):			
Tons.....	107, 159	16, 630	35, 161
Value.....	\$1, 452, 900	\$333, 750	\$942, 420
Coal-tar roofing pitch:			
Tons.....	50, 508	(1)	(1)
Value.....	\$900, 248		
Fibrous plastic roof cement:			
Pounds.....	33, 216, 585	29, 488, 861	52, 753, 395
Value.....	\$1, 314, 167	\$1, 347, 599	\$2, 336, 111
Fibrous liquid roof coating:			
Gallons.....	5, 519, 921	4, 079, 013	4, 941, 563
Value.....	\$1, 533, 847	\$2, 040, 783	\$2, 115, 578
Nonfibrous liquid roof coating:			
Gallons.....	5, 584, 901	1, 420, 622	1, 931, 269
Value.....	\$2, 506, 511	\$576, 814	\$1, 017, 340
Other roofing materials, value.....	\$7, 038, 298	\$2, 433, 463	\$6, 568, 787
Asphalt brick siding:			
Squares.....	277, 730	(1)	(1)
Value.....	\$1, 243, 303		

1 No data.

TABLE 5.—PRODUCTION OF SPECIFIED KINDS OF ROOFING MATERIALS, BY QUANTITY AND VALUE, AS REPORTED TO THE BUREAU OF THE CENSUS BY MANUFACTURERS: 1929 TO 1935

[This table brings together all the Manufactures Census statistics for roofing materials, as reported in the several industries. See footnotes.]

	Year	Quantity	Value
Asbestos shingles ¹		<i>Squares</i>	
	1935	1, 171, 095	\$5, 284, 727
	1933	408, 256	1, 826, 279
	1931	565, 997	3, 266, 054
	1929	894, 164	5, 277, 308
Asbestos flexible roofing ¹	1935	890, 854	567, 911
Asphalt roll roofing ³			
	1935	22, 599, 588	25, 728, 128
	1933	12, 383, 342	12, 763, 519
	1931	17, 525, 143	20, 272, 517
	1929	28, 437, 076	36, 109, 653
Asphalt shingles ⁴			
	1935	7, 731, 084	26, 812, 741
	1933	4, 008, 811	11, 994, 619
	1931	6, 558, 524	22, 506, 749
	1929	11, 676, 636	42, 291, 343
Asphalt- and tar-saturated felt ⁴		<i>Tons</i> (2,000 lbs.)	
	1935	225, 023	8, 053, 275
	1933	75, 623	2, 778, 308
	1931	143, 512	6, 025, 401
	1929	205, 525	9, 803, 629
Clay roofing tile ⁵		<i>Squares</i>	
	1935	134, 922	1, 145, 434
	1933	103, 267	910, 647
	1931	285, 253	3, 125, 175
	1929	370, 771	3, 943, 847
Concrete roofing tile ⁶		<i>Tons</i> (2,000 lbs.)	
	1935	43, 099	862, 068
	1933	11, 971	338, 809
	1931	31, 800	862, 107
	1929	137, 052	2, 869, 092
Slate roofing ⁷		<i>Squares</i>	
	1935	272, 621	1, 155, 129
	1931	(⁸)	2, 041, 258
	1929	(⁸)	5, 207, 711
	Steel sheets, corrugated and crimped: ⁹		<i>Tons</i> (2,240 lbs.)
Galvanized.....			
1935		358, 886	27, 611, 766
1933		243, 542	15, 922, 400
1931		262, 307	18, 351, 907
1929		306, 423	26, 362, 771
Not galvanized.....			
1935		6, 506	542, 981
1933		2, 338	140, 436
1931		3, 026	175, 218
1929	5, 235	330, 388	
Wood shingles ¹⁰		<i>Squares</i>	
	1935	4, 416, 709	10, 379, 266
	1933	3, 662, 250	6, 958, 275
	1931	3, 392, 465	4, 993, 708
	1929	7, 638, 340	18, 026, 482
Asphalt roof cement (solid) ³		<i>Tons</i> (2,000 lbs.)	
	1935	107, 159	1, 452, 906
	1933	10, 373	255, 471
	1931	16, 630	333, 750
	1929	35, 161	842, 420
Fibrous plastic roof cement ³		<i>Pounds</i>	
	1935	33, 216, 585	1, 314, 167
	1933	13, 968, 939	661, 044
	1931	29, 488, 861	1, 347, 599
	1929	52, 753, 325	2, 336, 111

For footnotes, see end of table.

TABLE 5.—PRODUCTION OF SPECIFIED KINDS OF ROOFING MATERIALS, BY QUANTITY AND VALUE, AS REPORTED TO THE BUREAU OF THE CENSUS BY MANUFACTURERS: 1929 TO 1935—Continued

	Year	Quantity	Value
Fibrous liquid roof coating ¹ -----		<i>Gallons</i>	
	1935	5,519,921	\$1,533,847
	1933	3,003,734	1,011,323
	1931	4,979,018	2,040,783
	1929	4,941,563	2,115,578
Nonfibrous liquid roof coating ² -----	1935	5,584,901	2,506,511
	1933	799,844	183,720
	1931	1,420,622	576,814
	1929	1,931,269	1,017,340

¹ Made in the Asbestos Products industry.

² No figures available for earlier years.

³ Made principally in the Roofing Materials industry.

⁴ Made in the Roofing Materials industry.

⁵ Made in the Clay Products industry.

⁶ Made in the Concrete Products industry.

⁷ Made in the "Marble, Granite, Slate, and Other Stone, Cut and Shaped" industry. No data collected for 1933.

⁸ No data.

⁹ Made principally in the Steel-Works and Rolling-Mill Products industry.

¹⁰ Made in the Lumber and Timber Products industry.

¹¹ Revised.

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SIGNS AND ADVERTISING NOVELTIES

[A preliminary report for this industry was issued Jan. 9, 1937]

Description of the industry.—This industry, as constituted for Census purposes, embraces establishments engaged primarily in manufacturing or assembling electric and mechanical signs and advertising devices, and stamped, embossed, and painted signs of metal, wood, glass, and other materials. The painting of outdoor signs on billboards, walls, etc., does not come within the scope of the Census, and the printing of advertising matter is assigned to the Printing and Publishing industry. The Signs and Advertising Novelties classification also covers the manufacture of advertising novelties, such as tools, utensils, and other small articles intended primarily for advertising purposes, although the manufacture of similar articles not intended for such use is not included in this classification.

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
Number of establishments.....	1,075	848	1,078	1,239	26.8	-13.2
Proprietors and firm members.....	637	355	(1)	597	79.4	6.7
Salaried personnel, total ¹	3,990	(2)	(1)	5,119	(3)	-22.1
Salaried officers of corporations.....	920	(2)	(1)	915	(2)	0.5
Supervisory, technical, and clerical employees.....	4,3070	5,2,444	(1)	4,204	25.6	-27.0
Salaries paid, total ²	\$7,679,625	(2)	(1)	\$13,126,635	(2)	-41.5
To salaried officers of corporations.....	3,369,030	(2)	(1)	4,805,410	(2)	-29.9
To supervisory, technical, and clerical employees.....	4,4,310,595	5,3,391,177	(1)	8,321,225	27.1	-48.2
Wage earners (average for year) ³	13,712	12,044	14,463	20,000	13.8	-31.4
Wages.....	\$14,931,988	\$11,577,349	\$18,484,776	\$27,900,605	29.0	-46.5
Cost of materials, etc., total.....	21,221,833	15,311,910	21,297,359	35,701,412	38.6	-40.6
Cost of materials and supplies.....	20,409,980	(1)	(1)	34,489,083	(1)	-40.8
Cost of fuel.....	343,977	(1)	(1)	607,082	(1)	-43.3
Cost of purchased electric energy.....	467,876	(1)	(1)	605,247	(1)	-22.7
Value of products.....	61,362,382	47,144,351	74,681,351	118,044,157	30.2	-48.0
Value added by manufacture ⁴	40,140,549	31,832,441	53,383,992	82,342,745	26.1	-51.3

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 561; salaries, \$1,445,819. Technical, 324; salaries, \$592,688. Clerical, 2,185; salaries, \$2,272,088. See sec. 10, p. 7.

⁵ Supervisory, 560; salaries, \$1,380,294. Clerical and other, 1,884; salaries, \$2,010,883. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, supplies, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Sal- aried officers and em- ployees	Wage earners (aver- age for the year)	Salaries	Wages	Cost of materials, etc., fuel, and purchased energy	Value of products	Value added by manufac- ture
United States..	1, 075	3, 990	13, 712	\$7, 079, 625	\$14, 931, 988	\$21, 221, 833	\$61, 362, 382	\$40, 140, 549
Arizona.....	3	5	13	6, 880	21, 317	20, 910	86, 381	65, 471
California.....	85	294	824	549, 722	1, 077, 247	1, 044, 192	4, 034, 409	2, 990, 217
Colorado.....	14	34	116	49, 191	140, 998	151, 448	688, 000	536, 552
Connecticut.....	13	35	83	72, 534	109, 635	113, 043	466, 297	353, 254
Delaware.....	3	7	17	11, 240	17, 300	10, 817	45, 094	34, 207
District of Columbia..	4	7	28	6, 716	22, 764	39, 265	127, 755	85, 490
Florida.....	13	47	96	85, 229	97, 418	95, 896	309, 304	273, 404
Georgia.....	7	22	69	41, 477	85, 561	117, 003	385, 169	268, 166
Illinois.....	101	589	1, 982	1, 260, 740	2, 205, 069	3, 146, 124	9, 166, 117	6, 010, 993
Indiana.....	29	135	425	234, 658	415, 638	712, 645	1, 955, 141	1, 242, 496
Iowa.....	13	86	207	99, 515	176, 174	345, 860	934, 045	588, 185
Kansas.....	6	29	53	50, 563	57, 391	99, 391	329, 771	230, 380
Kentucky.....	6	36	193	70, 978	190, 739	328, 722	756, 299	427, 877
Louisiana.....	9	19	76	30, 930	93, 351	77, 655	282, 144	204, 489
Maine.....	5	10	24	20, 546	17, 802	21, 706	74, 134	52, 428
Maryland.....	17	92	393	177, 720	408, 007	461, 849	1, 376, 581	914, 732
Massachusetts.....	37	102	449	175, 685	454, 103	450, 818	1, 413, 574	962, 759
Michigan.....	39	124	448	263, 271	495, 360	757, 782	2, 182, 971	1, 428, 189
Minnesota.....	27	80	247	120, 205	298, 983	475, 939	1, 321, 750	845, 811
Missouri.....	52	150	440	269, 966	474, 354	748, 770	2, 120, 086	1, 371, 316
Nebraska.....	5	18	74	40, 856	83, 702	112, 363	432, 768	320, 406
New Hampshire.....	3	2	8	(1)	8, 348	8, 173	30, 429	22, 250
New Jersey.....	42	234	733	432, 778	728, 520	907, 981	3, 062, 729	2, 154, 748
New York.....	256	818	2, 691	1, 624, 733	3, 106, 130	4, 439, 032	12, 415, 485	7, 976, 453
North Carolina.....	4	6	36	8, 436	32, 423	49, 258	129, 004	79, 746
North Dakota.....	3	5	10	5, 970	13, 620	14, 135	62, 922	48, 787
Ohio.....	80	405	1, 565	321, 946	1, 599, 293	2, 021, 673	7, 018, 487	4, 036, 314
Oklahoma.....	8	14	36	18, 879	42, 312	58, 919	164, 836	105, 917
Oregon.....	9	46	76	84, 269	91, 431	96, 215	504, 883	408, 668
Pennsylvania.....	71	155	681	301, 669	761, 537	1, 009, 025	3, 000, 766	1, 991, 741
Rhode Island.....	6	9	27	12, 231	26, 013	29, 377	96, 069	66, 692
Tennessee.....	11	65	483	160, 720	345, 798	749, 046	1, 634, 743	935, 097
Texas.....	26	69	157	97, 645	167, 469	204, 817	678, 816	473, 999
Utah.....	5	13	51	15, 799	55, 934	71, 456	205, 916	134, 460
Virginia.....	6	13	156	76, 344	163, 963	274, 258	615, 600	341, 342
Washington.....	20	75	157	126, 834	201, 914	165, 555	850, 269	684, 714
West Virginia.....	4	12	32	17, 960	33, 681	26, 710	103, 754	77, 044
Wisconsin.....	23	102	488	184, 031	439, 196	756, 695	1, 755, 804	999, 208
Other States ²	10	26	69	³ 50, 859	77, 088	106, 809	434, 150	327, 841

¹ Withheld to avoid disclosing salaries paid by individual establishments; included in figure for "Other States."

² Alabama, 3 establishments; Arkansas, 1; Montana, 2; New Mexico, 1; South Dakota, 2; Wyoming, 1.

³ Includes figure for New Hampshire; see footnote 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
<i>United States</i>													
1935.....	13, 712	12, 270	12, 522	13, 307	13, 677	14, 122	14, 011	13, 974	13, 851	14, 032	14, 198	14, 332	14, 247
1933.....	12, 044	(*)	(*)	10, 655	(*)	(*)	11, 788	(*)	(*)	13, 130	(*)	(*)	13, 912
<i>States, 1935</i>													
Alabama.....	30	27	27	27	27	26	31	34	30	33	33	30	33
Arizona.....	13	7	7	9	13	13	17	18	17	17	15	13	14
California.....	824	712	721	783	792	848	868	830	819	866	860	884	897
Colorado.....	116	105	101	108	111	124	124	125	121	120	117	116	121
Connecticut.....	83	73	72	74	80	88	92	89	86	93	86	82	84
Delaware.....	17	8	9	13	27	22	15	16	17	17	18	18	18
Dist. of Columbia.....	28	24	25	25	26	26	27	29	29	31	29	30	30
Florida.....	96	90	89	85	83	93	92	90	92	104	110	112	117
Georgia.....	69	77	75	70	63	71	69	67	70	70	66	64	67
Illinois.....	1, 982	1, 697	1, 791	1, 838	1, 878	2, 022	1, 997	1, 976	2, 068	2, 112	2, 138	2, 177	2, 103
Indiana.....	425	370	352	387	386	403	416	442	447	451	491	502	452
Iowa.....	207	178	198	185	182	177	178	180	202	233	248	264	257
Kansas.....	53	44	47	51	55	58	58	58	57	51	50	51	50
Kentucky.....	193	205	187	197	205	222	222	214	161	195	164	181	162
Louisiana.....	76	73	69	70	79	77	84	76	80	81	76	73	79
Maine.....	24	17	15	18	19	19	28	29	29	26	24	28	33
Maryland.....	393	302	370	430	388	376	415	419	406	412	420	398	381
Massachusetts.....	449	420	374	419	428	469	461	417	461	459	482	498	503
Michigan.....	448	409	435	450	447	435	463	470	433	474	467	453	440
Minnesota.....	247	183	195	210	210	242	235	270	270	270	277	271	319
Missouri.....	440	390	401	416	431	477	468	459	459	463	461	436	424
Nebraska.....	74	60	62	60	60	67	69	77	90	92	90	84	73
New Hampshire.....	8	8	8	8	8	8	8	7	7	7	7	7	7
New Jersey.....	733	687	684	692	720	736	739	721	728	756	741	774	784
New York.....	2, 691	2, 512	2, 451	2, 604	2, 754	2, 795	2, 699	2, 722	2, 666	2, 705	2, 763	2, 767	2, 788
North Carolina.....	36	36	36	36	36	36	36	36	36	36	36	36	36
North Dakota.....	10	9	9	10	10	10	10	10	10	10	11	11	11
Ohio.....	1, 565	1, 445	1, 501	1, 614	1, 742	1, 728	1, 603	1, 614	1, 538	1, 466	1, 512	1, 528	1, 493
Oklahoma.....	36	33	32	35	38	36	39	39	38	34	35	32	34
Oregon.....	76	73	73	74	71	79	81	76	76	73	83	79	79
Pennsylvania.....	681	590	646	685	678	712	726	693	670	665	693	712	700
Rhode Island.....	27	24	22	25	25	24	26	31	30	30	28	27	28
Tennessee.....	483	456	451	493	522	484	483	501	490	484	478	481	471
Texas.....	187	138	158	162	147	156	156	161	149	153	166	170	172
Utah.....	51	49	48	50	50	54	54	52	51	49	50	50	49
Virginia.....	156	106	118	128	143	173	185	186	186	180	155	155	152
Washington.....	167	151	150	156	159	166	166	156	152	155	158	160	157
West Virginia.....	32	25	24	28	28	29	29	30	31	30	35	49	48
Wisconsin.....	488	422	452	481	509	502	504	513	518	489	485	491	493

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1935, 1931, AND 1929

[No comparable figures available for 1933. See sec. 4, p. 3]

KIND	1935	1931	1929
1. "Signs and Advertising Novelties" industry, all products, total value.....	\$61, 362, 382	\$74, 681, 351	\$118, 044, 157
2. Signs and advertising novelties.....	55, 221, 399	69, 650, 243	111, 425, 110
3. Other products (not normally belonging to the industry).....	4, 197, 874	3, 618, 997	4, 835, 089
4. Receipts for contract, custom, and repair work.....	1, 943, 109	1, 412, 111	2, 283, 958
5. Signs and advertising novelties made as secondary products in other industries.....	5, 021, 809	1, 184, 828	1, 711, 704
Signs and advertising novelties, aggregate value (sum of 2 and 5).....	60, 243, 208	70, 835, 071	113, 136, 814
Neon-tube signs.....	17, 469, 619	16, 783, 098	11, 375, 028
Other electric signs and advertising devices.....	1, 904, 797	7, 208, 596	23, 533, 906
Cards and posters.....	1, 403, 281	2, 964, 447	
Window and lobby cut-outs and displays.....	5, 819, 008	4, 367, 642	
Metal signs.....	7, 455, 970	5, 751, 486	39, 708, 075
Process signs.....	5, 056, 264	3, 529, 737	
Outdoor signs not specified above.....	2, 867, 065	5, 380, 393	
Other signs.....	4, 218, 909	4, 686, 124	
Advertising novelties.....	12, 256, 334	20, 163, 048	38, 521, 806
Signs and advertising novelties not reported in detail.....	1, 791, 961		

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SPORTING AND ATHLETIC GOODS, NOT INCLUDING FIREARMS OR AMMUNITION

[A preliminary report for this industry was issued Dec. 22, 1936]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of a group of products not clearly defined in all respects but designated in general as "sporting and athletic goods." These comprise equipment for fishing and hunting (except firearms and ammunition); equipment for athletic games and sports, such as golf, baseball, football, tennis, skating, skiing, etc.; and gymnasium equipment. Clothing and footwear made specially for sporting and athletic purposes, such as hunting coats and boots, bathing suits, sweaters, tennis shoes, leggings, etc., do not come within the scope of this industry classification but are assigned to the Clothing industries, the Knit-Goods industry, the Boot and Shoe industry, etc.; and fishing line, both for commercial use and for sport, is classified in the Cordage and Twine industry.

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	196	176	217	242	11.4	-19.0
Proprietors and firm members.....	95	61	(1)	111	55.7	-14.4
Salaried personnel, total ²	1,638	(3)	(1)	1,835	(3)	-10.7
Salaried officers of corporations.....	223	(3)	(1)	258	(3)	-13.4
Supervisory, technical, and clerical employees.....	1,415	1,181	(1)	1,577	19.8	-10.3
Salaries paid, total ²	\$3,018,361	(3)	(1)	\$4,530,710	(3)	-33.4
To salaried officers of corporations.....	\$959,146	(3)	(1)	\$1,660,046	(3)	-42.2
To supervisory, technical, and clerical employees.....	\$2,059,215	\$1,770,991	(1)	\$2,870,664	15.7	-28.3
Wage earners (average for year) ⁶	9,665	8,215	10,176	10,793	17.7	-10.5
Wages.....	\$9,018,083	\$8,523,376	\$11,219,073	\$13,135,484	33.2	-31.3
Cost of materials, etc., total.....	16,571,425	10,569,823	20,098,555	24,482,236	56.8	-32.3
Cost of materials and supplies.....	15,982,879	(1)	(1)	23,809,623	(1)	-32.9
Cost of fuel.....	243,256	(1)	(1)	305,212	(1)	-20.3
Cost of purchased electric energy.....	345,290	(1)	(1)	367,401	(1)	-6.0
Value of products.....	34,863,730	25,267,452	49,257,447	58,288,728	38.0	-40.2
Value added by manufacture ⁷	18,292,305	14,697,629	29,158,592	33,806,492	24.5	-45.9

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 412; salaries, \$992,301. Technical, 20; salaries, \$45,218. Clerical, 983; salaries, \$1,021,686. See sec. 10, p. 7.

⁵ Supervisory, 284; salaries, \$709,872. Clerical and other, 897; salaries, \$1,070,119. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, supplies, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Sal- aried officers and em- ployees	Wage earners (aver- age for the year)	Salaries	Wages	Cost of ma- terials, etc., fuel, and purchased energy	Value of products	Value added by manufac- ture
United States.....	196	1,638	9,665	\$3,018,361	\$9,018,083	\$16,571,425	\$34,863,730	\$18,292,305
California.....	13	20	54	22,561	42,871	134,417	270,282	135,865
Colorado.....	6	9	72	13,979	52,152	55,917	162,420	106,503
Connecticut.....	7	146	1,092	285,734	919,977	1,356,947	2,857,566	1,500,619
Illinois.....	23	222	1,370	457,824	1,390,580	2,916,868	5,891,523	2,974,655
Indiana.....	7	52	235	118,160	204,370	325,422	707,923	382,881
Massachusetts.....	15	291	1,353	463,788	1,468,734	2,724,641	5,416,626	2,661,985
Michigan.....	10	134	591	259,935	609,207	875,669	2,001,549	1,125,880
Minnesota.....	4	23	96	42,918	89,141	189,048	366,928	177,880
Missouri.....	8	58	238	77,619	157,752	506,452	804,535	298,083
New York.....	30	156	1,157	284,828	1,018,109	1,910,766	3,840,609	1,920,843
Ohio.....	14	195	1,462	396,819	1,388,686	2,483,005	5,915,358	3,432,353
Oregon.....	3	2	24	(¹)	17,502	15,497	53,015	37,518
Pennsylvania.....	8	78	548	146,859	538,041	862,838	1,851,934	989,096
Tennessee.....	5	29	186	43,059	131,893	271,187	461,907	190,720
Vermont.....	3	4	30	4,484	23,582	29,120	69,092	39,973
Washington.....	8	14	39	16,885	34,917	83,294	174,685	91,391
Wisconsin.....	8	35	254	50,530	180,241	456,410	863,540	407,130
Other States ²	24	170	865	332,379	750,628	1,374,307	3,154,238	1,779,931

¹ Withheld to avoid disclosing salaries paid by individual establishments; included in figure for "Other States."

² Alabama, 1 establishment; District of Columbia, 1; Florida, 1; Georgia, 1; Idaho, 1; Iowa, 1; Kansas, 1; Kentucky, 1; Maine, 2; Maryland, 2; New Hampshire, 1; New Jersey, 5; Rhode Island, 3; South Carolina, 1; Texas, 1; Virginia, 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—												
		January	February	March	April	May	June	July	August	September	October	November	December	
United States														
1935.....	9,665	9,689	10,085	10,433	10,749	10,303	9,677	9,146	8,800	8,728	8,875	9,434	9,879	
1933.....	8,215	(*)	(*)	7,979	(*)	(*)	8,283	(*)	(*)	8,016	(*)	(*)	8,544	
States, 1935														
California.....	54	56	62	65	64	61	54	56	48	52	33	50	50	
Colorado.....	72	64	64	76	75	88	91	70	74	57	54	74	65	
Connecticut.....	1,092	1,101	1,083	1,102	1,113	1,098	1,051	1,052	1,080	1,092	1,110	1,110	1,111	
Illinois.....	1,370	1,248	1,348	1,384	1,434	1,494	1,396	1,279	1,287	1,296	1,346	1,438	1,485	
Indiana.....	235	220	233	263	293	265	238	238	215	199	208	217	226	
Massachusetts.....	1,353	1,443	1,507	1,610	1,704	1,533	1,333	1,245	1,142	1,049	1,097	1,222	1,351	
Michigan.....	591	604	641	662	652	610	579	537	518	523	540	579	649	
Minnesota.....	96	107	106	98	74	70	68	76	85	94	117	132	130	
Missouri.....	238	226	233	241	256	254	230	253	222	230	229	222	224	
New Jersey.....	123	104	119	141	139	160	129	121	113	111	109	119	120	
New York.....	1,157	1,136	1,192	1,226	1,304	1,246	1,176	1,025	1,084	1,177	1,119	1,071	1,129	
Ohio.....	1,462	1,424	1,479	1,695	1,658	1,605	1,529	1,465	1,379	1,307	1,318	1,365	1,417	
Oregon.....	24	28	28	28	21	26	19	21	21	15	21	29	28	
Pennsylvania.....	543	584	602	636	639	628	539	518	511	419	397	548	554	
Rhode Island.....	190	186	194	198	200	192	181	179	168	174	186	209	214	
Tennessee.....	186	178	192	192	192	179	187	180	181	187	187	181	194	
Vermont.....	30	43	37	36	35	33	23	30	9	8	25	34	38	
Washington.....	39	43	40	38	36	40	40	38	38	39	35	44	39	
Wisconsin.....	254	236	274	249	305	259	245	242	240	220	246	256	281	

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1935, 1931, AND 1929

[No comparable figures available for 1933]

	1935	1931	1929
1. "Sporting and Athletic Goods, Not Including Firearms or Ammunition" industry, all products, total value.....	\$34,863,730	\$49,257,447	\$58,288,728
2. Sporting and athletic goods.....	\$32,571,194	\$46,282,719	\$52,971,247
3. Other products (not normally belonging to the industry)....	\$2,241,058	\$2,877,368	\$5,186,679
4. Receipts for repair work.....	\$51,478	\$97,360	\$130,802
5. Sporting and athletic goods made as secondary products in other industries, value.....	\$3,888,138	\$3,966,907	\$3,314,455
Sporting and athletic goods (not including firearms or ammunition), aggregate value (2 and 5).....	\$36,459,332	\$50,249,626	\$56,285,702
Golf goods, total value.....	\$10,492,198	\$23,338,654	\$21,067,216
Balls:			
Dozens.....	1,538,970	2,207,778	2,819,400
Value.....	\$3,974,641	\$5,991,678	\$7,460,200
Clubs:			
Number.....	1,665,367	4,134,378	3,166,380
Value.....	\$4,406,061	\$12,608,918	\$9,722,610
Shafts:			
Number.....	2,236,099	4,663,095	2,220,449
Value.....	\$1,141,837	\$3,068,921	\$1,573,609
Caddy bags, total value.....	\$659,772	\$1,826,824	\$1,908,130
Number reported:			
Number.....	36,213	465,525	430,357
Value.....	\$176,958	\$1,630,530	\$1,709,561
Number not reported, value.....	\$483,814	\$186,294	\$198,569
Other golf goods, including parts, value.....	\$309,887	\$442,413	\$402,667
Fishing tackle, total value.....	\$7,581,062	\$6,761,170	\$9,760,370
Rods:			
Total number.....	1,548,486	1,339,316	1,495,377
Total value.....	\$2,277,317	\$1,911,948	\$2,448,764
Bamboo or bamboo-and-wood:			
Number.....	690,966		
Value.....	\$1,331,034		
Steel:		(?)	(?)
Number.....	857,520		
Value.....	\$946,283		
Reels:			
Number.....	1,886,723	1,049,819	1,137,900
Value.....	\$2,188,283	\$1,543,140	\$1,815,871
Rod mountings, value.....	\$354,802		
Artificial lures, value.....	\$1,126,492		
Hooks (snell and other), value.....	\$603,684	\$3,306,082	\$5,495,735
Leaders, swivels, and sinkers, value.....	\$345,304		
Other fishing equipment (except fishing line), value.....	\$220,616		
Fishing tackle not reported by kind, value.....	\$566,164		
Baseball goods, total value.....	\$4,872,178	\$5,597,345	\$6,099,087
Balls, including playground balls:			
Dozens.....	591,814	758,947	709,552
Value.....	\$2,594,784	\$2,730,584	\$3,261,411
Bats:			
Number.....	2,979,056	2,575,788	1,819,697
Value.....	\$1,132,177	\$1,138,741	\$1,050,638
Masks:			
Number.....	16,634	31,663	35,690
Value.....	\$38,179	\$93,822	\$110,847
Mitts and gloves:			
Number.....	719,996	908,100	982,157
Value.....	\$1,018,470	\$1,362,192	\$1,820,035
Other baseball goods, value.....	\$88,568	\$272,006	\$456,156
Tennis goods, total value.....	\$3,230,219	\$4,296,378	\$4,650,543
Balls:			
Dozens.....	520,872		
Value.....	\$1,263,588		
Rackets, complete:			
Number reported:			
Number.....	367,551		
Value.....	\$803,162	(?)	(?)
Number not reported, value.....	\$94,457		
Racket frames:			
Number.....	169,529		
Value.....	\$473,963		
Strings, value.....	\$557,662		
Other tennis goods, value.....	\$37,387		

For footnotes, see end of table.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1935, 1931, 1929—Continued

[See note at head of table]

	1935	1931	1929
Sporting and athletic goods—Continued.			
Football, basketball, and boxing goods, and inflated balls other than footballs and basketballs, total value.....	\$2, 673, 018	\$4, 217, 341	\$5, 766, 034
Footballs:			
Number.....	973, 123	1, 059, 084	530, 631
Value.....	\$910, 284	\$1, 314, 983	\$1, 410, 781
Basketballs and other inflated balls:			
Number reported:			
Total number.....	239, 470	610, 608	1, 382, 460
Total value.....	\$749, 116	\$870, 104	\$1, 641, 224
Number not reported.....		\$96, 807	
Basketballs:			
Number.....	201, 303		
Value.....	\$646, 316		
Other inflated balls:		(²)	(²)
Number.....	38, 167		
Value.....	\$102, 800		
Pads, helmets, and guards for football, basketball, and soccer, value.....	\$677, 740	\$1, 252, 975	\$1, 410, 184
Striking bags:			
Number.....	65, 703	48, 875	70, 980
Value.....	\$106, 456	\$60, 546	\$193, 203
Boxing gloves:			
Number.....	170, 857	270, 576	243, 016
Value.....	\$143, 835	\$253, 732	\$440, 730
Other football, basketball, and boxing goods, value.....	\$35, 537	\$338, 194	\$609, 912
Skates and parts, total value.....	\$3, 435, 597	\$2, 689, 365	\$4, 872, 593
Roller:			
Pairs.....	2, 681, 694	1, 745, 637	2, 614, 944
Value.....	\$2, 301, 190	\$1, 808, 064	\$2, 925, 034
Ice:			
Pairs.....	528, 074	547, 235	684, 064
Value.....	\$1, 043, 264	\$850, 774	\$1, 782, 172
Parts, value.....	\$91, 143	\$29, 927	\$165, 387
Gymnasium equipment, value.....	\$371, 811	\$1, 296, 881	\$1, 073, 082
Equipment for hunting and shooting, not including firearms or ammunition, value.....	\$709, 184	\$649, 362	\$1, 129, 756
Skis and snowshoes, value.....	\$417, 155	\$163, 032	(¹)
Toboggans and sleds, value.....	\$57, 376	\$129, 867	(¹)
Other sporting and athletic goods, including parts, not specified above, value.....	\$486, 667	\$1, 110, 201	\$1, 267, 021
Sporting and athletic goods not reported by kind, value.....	\$2, 132, 267		

¹ Revised.² No data.³ Detailed figures withheld to avoid disclosing, exactly or approximately, output of individual establishments.

1644

STEAM AND OTHER PACKING, PIPE AND BOILER COVERING, AND GASKETS, NOT ELSEWHERE CLASSIFIED

Because of the close relation and the amount of overlapping between this industry and the "Asbestos Products Other Than Steam Packing and Pipe and Boiler Covering" industry, in Group 10, the reports for the two industries have been combined and are presented in the section for Group 10. (See pp. 809 to 815.)

SURGICAL AND ORTHOPEDIC APPLIANCES AND RELATED PRODUCTS

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of surgical and orthopedic appliances such as braces, trusses, supports, splints, and elastic hosiery, and of such products as crutches and artificial limbs. It also covers the production of bandages, surgical gauze, and sanitary products. The manufacture of surgical instruments is assigned to the "Instruments and Apparatus, Professional, Scientific, Commercial, and Industrial" industry, and products of a medical character, such as medicated pads, are classified with "Drugs and Medicines."

Detailed statistics of products.—The data were collected by means of the "general" questionnaire, which did not specify in detail the classes or kinds of products to be reported. Most of the manufacturers, however, specified the kinds of products made, and gave separate figures for them. As a result, it is possible to present, in table 4, statistics for the several classes of products of this industry. These figures must not, however, be accepted as complete, since some of the manufacturers failed to report their individual kinds or classes of products separately. (See footnotes, table 4.)

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	307	250	325	363	22.8	-15.4
Proprietors and firm members.....	164	97	(1)	214	69.1	-23.4
Salaried personnel, total ¹	2,257	(²)	(1)	2,248	(²)	0.4
Salaried officers of corporations.....	258	(²)	(1)	271	(²)	-4.8
Supervisory, technical, and clerical employees.....	1,999	2,116	(1)	1,977	-5.5	1.1
Salaries paid, total ²	\$4,470,078	(²)	(1)	\$5,722,067	(²)	-21.9
To salaried officers of corporations.....	\$1,123,824	(²)	(1)	\$1,639,289	(²)	-31.4
To supervisory, technical, and clerical employees.....	\$3,346,254	\$3,272,954	(1)	\$4,082,778	2.2	-18.0
Wage earners (average for year) ³	7,089	6,958	6,740	7,910	1.9	-10.4
Wages.....	\$6,287,665	\$6,118,814	\$7,271,373	\$8,921,668	2.8	-29.5
Cost of materials, etc., total.....	36,107,082	28,846,426	22,954,244	36,004,844	25.2	0.3
Cost of materials, supplies, and containers.....	35,440,968	(1)	(1)	35,480,096	(1)	-0.1
Cost of fuel.....	295,409	(1)	(1)	242,052	(1)	22.0
Cost of purchased electric energy.....	370,705	(1)	(1)	282,696	(1)	31.1
Value of products.....	61,764,425	51,442,064	51,012,062	71,607,119	20.1	-13.7
Value added by manufacture ⁷	25,657,343	22,595,638	28,057,818	35,602,275	13.5	-27.9

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 513; salaries, \$1,544,912. Technical, 100; salaries, \$209,468. Clerical, 1,381; salaries, \$1,591,874. See sec. 10, p. 7.

⁵ Supervisory, 540; salaries, \$1,415,860. Clerical and other, 1,576; salaries, \$1,857,094. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Salaries of officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products	Value added by manufacture
United States.....	307	2,257	7,089	\$4,470,078	\$6,287,665	\$36,107,082	\$61,764,425	\$25,657,343
California.....	14	44	91	78,461	119,286	111,811	463,143	351,837
Colorado.....	4	7	15	9,706	16,021	23,373	81,235	57,862
Connecticut.....	7	70	309	130,696	222,101	1,347,694	1,813,278	466,184
Georgia.....	3	7	18	16,476	18,050	12,539	82,195	69,656
Illinois.....	34	461	1,389	844,350	1,218,479	5,143,565	11,383,431	6,239,866
Indiana.....	5	19	50	34,215	59,130	207,042	563,513	356,471
Kentucky.....	3	2	3	(1)	3,800	11,192	30,480	19,265
Maryland.....	3	1	9	(1)	10,152	5,994	29,997	24,003
Michigan.....	8	77	45	111,178	50,927	88,274	465,092	370,813
Minnesota.....	6	34	74	41,644	71,724	58,347	302,902	244,615
Missouri.....	17	84	234	141,857	203,905	778,834	1,544,911	760,077
Nebraska.....	6	10	32	7,457	20,597	37,833	90,404	52,516
New York.....	68	394	1,440	803,143	1,230,815	9,104,694	14,278,599	5,113,815
Ohio.....	19	106	313	209,598	260,876	945,819	2,158,627	1,212,308
Oklahoma.....	3	4	6	3,164	4,947	10,914	39,353	23,444
Pennsylvania.....	31	140	519	300,077	464,135	986,970	2,325,842	1,338,872
Texas.....	5	8	27	11,076	22,466	25,276	101,648	72,372
Utah.....	3	5	7	14,753	6,206	8,100	46,649	35,549
Washington.....	5	9	14	10,916	21,918	29,613	85,333	55,770
Other States ¹	68	775	2,491	1,701,512	2,201,960	17,105,743	25,877,783	8,772,040

¹ Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."

² Alabama, 2 establishments; District of Columbia, 4; Florida, 1; Iowa, 2; Kansas, 2; Louisiana, 1; Massachusetts, 32; New Hampshire, 2; New Jersey, 10; North Carolina, 1; Oregon, 2; Rhode Island, 1; South Carolina, 1; Tennessee, 2; West Virginia, 1; Wisconsin, 4.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935
 (See secs. 11 and 23, pp. 7 and 12)

Average number employed during year	NUMBER REPORTED FOR—											
	January	February	March	April	May	June	July	August	September	October	November	December
United States	7,089 6,868	7,310 (*)	7,272 6,380	7,288 (*)	7,020 (*)	6,836 6,616	6,898 (*)	7,007 (*)	6,992 7,593	7,073 (*)	7,030 (*)	6,970 7,619
States, 1935												
California	91	94	89	81	96	85	102	90	98	95	92	90
Colorado	15	16	15	14	15	14	13	17	16	23	15	10
Connecticut	309	326	303	306	308	312	306	310	309	307	311	289
District of Columbia	31	27	28	28	29	28	31	30	37	37	35	35
Georgia	18	18	18	18	18	18	18	18	18	18	18	18
Illinois	1,389	1,450	1,482	1,512	1,387	1,369	1,384	1,367	1,359	1,333	1,320	1,312
Indiana	50	49	49	49	49	50	50	51	52	52	51	50
Iowa	3	3	3	3	4	4	3	3	3	4	4	4
Kentucky	9	9	9	9	9	9	9	9	9	9	9	8
Maryland	661	681	678	675	662	668	649	643	639	621	627	637
Massachusetts	45	44	44	44	43	43	44	45	46	46	46	46
Michigan	74	72	74	74	73	73	73	75	78	76	74	74
Minnesota	234	213	216	234	229	244	241	240	248	260	247	230
Missouri	32	32	32	32	32	32	33	33	32	32	32	32
Nebraska	1,386	1,524	1,471	1,439	1,356	1,303	1,310	1,333	1,320	1,345	1,342	1,336
New Jersey	1,440	1,439	1,446	1,458	1,404	1,423	1,405	1,447	1,431	1,474	1,454	1,463
New York	321	319	321	322	324	324	328	314	310	312	315	310
Ohio	6	6	6	6	6	6	6	6	6	6	6	6
Oklahoma	519	520	525	521	529	527	530	529	533	512	494	492
Pennsylvania	27	28	27	29	27	27	26	27	28	27	28	24
Texas	7	7	7	7	7	7	7	7	7	8	7	6
Utah	14	14	14	14	14	14	14	14	14	14	14	14
Washington	268	293	291	281	288	286	287	326	329	385	409	409
Wisconsin												

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND AND VALUE: 1935, 1931, AND 1929

[No comparable figures available for 1933]

KIND	1935	1931	1929
1. "Surgical and Orthopedic Appliances and Related Products" industry, all products, total value.....	\$61,764,425	\$51,012,062	\$71,607,119
2. Surgical and orthopedic appliances and related products.....	53,052,520	45,839,449	65,014,815
3. Other products (not normally belonging to the industry).....	7,831,577	5,046,154	6,428,045
4. Receipts for contract, custom, and repair work.....	880,328	126,459	164,259
5. Surgical and orthopedic appliances, etc., made as secondary products in other industries.....	3,327,821	5,283,505	3,357,936
Surgical and orthopedic appliances and related products, aggregate value (sum of 2 and 5).....	1 56,380,341	51,122,954	68,372,751
Artificial limbs.....	1,518,517	1,760,195	2,442,972
Ligatures.....	3,507,106	2,280,550	2,920,778
Sanitary napkins.....	11,086,680	11,330,531	10,340,790
Surgical gauze and dressings.....	16,485,829	19,342,940	31,201,146
Bandages.....	559,629		
Adhesive plasters.....	3,091,769	16,408,738	21,467,065
Absorbent cotton.....	1,553,232		
Elastic hosiery.....	553,855		
Foot appliances including arch supports.....	2,587,716		
Sanitary belts and other sanitary goods, except napkins.....	944,512		
Trusses.....	1,049,302		
Other surgical and orthopedic appliances and related products ¹	0,676,594		
Surgical and orthopedic appliances, etc., not reported separately.....	1 6,108,600		

¹ The values of the specified classes of products are understated to the extent to which such values are included in that of "Surgical and orthopedic appliances, etc., not reported separately." See "Detailed statistics of products," p. 1056.

² Braces of all kinds, fracture appliances, splints, crutches, stump socks, abdominal supporters, surgical belts, eardrums and other hearing devices, etc. See "Detailed statistics of products," p. 1056.

1602
Cigarettes
Tobacco chewing
and smoking
1647

TOBACCO MANUFACTURES

[Preliminary reports for these industries were issued on July 21, 1936, and subsequent dates]

Description of the industries.—The Tobacco Manufactures subgroup comprises three industries, as follows: "Cigarettes," "Cigars," and "Tobacco (Chewing and Smoking) and Snuff." The Census does not cover tobacco curing and stemming plants, nor establishments engaged solely in packing tobacco.

Number of establishments.—The numbers of establishments shown in the Census report fall below the corresponding numbers given in the report of the Commissioner of Internal Revenue, the differences being due to the following causes: (1) On the records of the Bureau of Internal Revenue the same establishment may appear two or more times—for example, as manufacturing cigars, as manufacturing cigarettes, and as manufacturing chewing tobacco—whereas for Census purposes such an establishment would make only one report and would be classified according to its product of chief value. (2) A separate report is required by the Bureau of Internal Revenue for each plant or factory, whereas in compiling the Census returns two or more factories operated under the same ownership in the same city, town, or village are treated as a single establishment. (3) Every dealer in scrap tobacco is required to register with the Bureau of Internal Revenue, whereas the Manufactures Census statistics do not include data for dealers. (4) Growers of perique tobacco are required by the Bureau of Internal Revenue to register as manufacturers of tobacco, but are not covered by the Census of Manufactures. (5) A considerable number of manufacturers registered for taxation purposes made products valued at less than \$5,000, and therefore were not covered by the Census of Manufactures.

Inclusion of internal-revenue tax in cost of materials and value of products.—All branches of tobacco manufacture are subject to internal-revenue taxation. Tobacco manufacturers were directed, in preparing returns for the Census, to report the total selling value of all products manufactured during the year, including the total internal-revenue tax paid on these products. The amounts of such taxes have also been included in the cost of materials for 1935, 1933, and 1931, but were not thus included for prior years. The inclusion of the internal-revenue tax data in both the cost of materials and the value of products makes possible the calculation of the true value added by manufacture (value of products less cost of materials, fuel, etc.—i. e., the value actually created by the manufacturing processes) for 1935, 1933, and 1931; but since the amounts of internal-revenue tax paid during the preceding Census years were not separately reported to the Bureau of the Census (except in part for 1929), it is impossible to calculate comparable figures for value added by manufacture for years prior to 1931.

As stated above, a separate report is required by the Bureau of Internal Revenue for each plant or factory making a particular product, whereas for Census purposes each establishment is classified as a whole according to its product of chief value. For example: An establishment classified in the Cigar industry by the Bureau of the Census might manufacture 10,000,000 cigars and 100,000 pounds of tobacco during the year, in which case all figures in the report, including the item for internal-revenue tax, would be tabulated for the Cigar industry, whereas the Bureau of Internal Revenue would tabulate separately the tax on the cigars and that on the tobacco. The amount of internal-revenue tax paid in 1935 by establishments classified in the Cigarette and Cigar industries includes \$23,900,000 for manufactured tobacco, whereas the amount of tax paid on cigarettes and cigars by tobacco manufacturers was very much smaller. (Exact data for this amount are not available, however.) The annual report of the Commissioner of Internal Revenue shows separately the value of stamps used in connection with the manufacture of cigarettes, of cigars, of tobacco, and of snuff during the calendar year 1935, whereas the Census figures on cost of materials and value of products for 1935 include the tax paid on the products manufactured in the Cigarette, Cigar, and Tobacco and Snuff industries, respectively. A further cause—of minor importance, however—of the differences between the two sets of figures is the fact that the internal-revenue figures include the tax paid by manufacturers of products valued at less than \$5,000. (See final sentence under "Number of establishments," above.)

TABLE 1.—SUMMARY FOR THE TOBACCO INDUSTRIES, IN COMBINATION AND SEPARATELY, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
THE TOBACCO INDUSTRIES						
Number of establishments.....	890	804	1,228	1,788	10.7	-50.2
Proprietors and firm members.....	674	606	(1)	1,635	11.2	-58.8
Salaried personnel, total ²	5,046	(³)	(1)	10,184	(³)	-50.4
Salaried officers of corporations.....	484	(³)	(1)	509	(³)	-14.9
Supervisory, technical, and clerical employees.....	4,562	3,465	(1)	9,615	31.7	-52.6
Salaries paid, total ²	\$11,880,866	(³)	(1)	\$23,047,227	(³)	-48.4
To salaried officers of corporations.....	\$3,253,726	(³)	(1)	\$3,914,666	(³)	-16.9
To supervisory, technical, and clerical employees.....	\$8,627,140	\$5,411,910	(1)	\$19,132,561	2.6	-54.9
Wage earners (average for year) ⁶	90,543	87,325	99,769	116,110	3.7	-22.0
Wages.....	\$59,447,844	\$50,932,946	\$69,411,167	\$94,578,749	16.7	-37.1
Cost of materials, etc., total ⁷	\$809,017,589	\$659,095,090	\$785,502,241	\$420,272,352	22.7	(⁸)
Cost of materials, supplies, and containers.....	\$806,961,490	(1)	(1)	\$427,138,007	(1)	(⁸)
Cost of fuel.....	\$1,143,482	(1)	(1)	\$1,261,813	(1)	-9.4
Cost of purchased electric energy.....	\$912,617	(1)	(1)	\$872,582	(1)	4.6
Value of products ⁷	\$1,098,400,046	\$909,082,316	\$1,155,851,190	\$1,246,241,839	20.3	-12.3
Value added by manufacture ⁹	\$284,382,467	\$249,987,226	\$370,348,949	(10)	13.8	(⁸)

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE TOBACCO INDUSTRIES, IN COMBINATION AND SEPARATELY, FOR THE UNITED STATES: 1929 TO 1935—Continued

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
CIGARETTES						
Number of establishments.....	29	27	40	49	(*)	(*)
Proprietors and firm members..	2	3	(1)	23	(*)	(*)
Salaried personnel, total ²	1,561	(²)	(1)	5,110	(²)	-69.5
Salaried officers of corporations.....	38	(²)	(1)	35	(²)	(*)
Supervisory, technical, and clerical employees.....	¹¹ 1,523	¹² 1,272	(1)	5,075	19.7	-70.0
Salaries paid, total ²	\$3,726,924	(²)	(1)	\$9,561,775	(²)	-61.0
To salaried officers of corporations.....	\$569,384	(²)	(1)	\$394,539	(²)	44.3
To supervisory, technical, and clerical employees.....	¹¹ \$3,157,540	¹² \$4,355,839	(1)	\$9,167,236	-27.5	-65.6
Wage earners (average for year) ⁶	24,447	22,544	20,146	21,142	8.4	15.6
Wages.....	\$18,314,976	\$13,835,250	\$14,663,675	\$18,401,203	32.4	-0.5
Cost of materials, etc., total ¹²	\$641,312,972	\$503,559,633	\$555,048,846	\$218,423,773	27.4	(¹)
Cost of materials, supplies, and containers.....	\$640,497,878	(1)	(1)	\$217,719,078	(1)	(²)
Cost of fuel.....	\$545,931	(1)	(1)	\$490,702	(1)	11.3
Cost of purchased electric energy.....	\$269,163	(1)	(1)	\$213,993	(1)	25.8
Value of products ¹³	\$806,690,052	\$637,775,557	\$759,389,235	\$755,245,050	26.5	6.8
Value added by manufacture ⁹ ..	\$165,377,080	\$134,215,924	\$204,340,389	(10)	23.2	(1)
CIGARS						
Number of establishments.....	746	665	1,063	1,587	12.2	-53.0
Proprietors and firm members..	598	521	(1)	1,495	14.8	-60.0
Salaried personnel, total ²	2,505	(²)	(1)	4,021	(²)	-37.7
Salaried officers of corporations.....	334	(²)	(1)	421	(²)	-20.7
Supervisory, technical, and clerical employees.....	¹⁴ 2,171	¹⁵ 1,637	(1)	3,600	32.6	-39.7
Salaries paid, total ²	\$5,337,665	(²)	(1)	\$10,203,764	(²)	-47.7
To salaried officers of corporations.....	\$1,662,431	(²)	(1)	\$2,717,771	(²)	-38.8
To supervisory, technical, and clerical employees.....	¹⁴ \$3,675,234	¹⁵ \$2,801,682	(1)	\$7,485,993	31.2	-50.9
Wage earners (average for year) ⁶	56,019	54,558	63,182	84,166	2.7	-33.4
Wages.....	\$33,503,474	\$30,060,615	\$46,074,013	\$67,222,095	11.5	-50.2
Cost of materials, etc., total ¹⁵	\$77,807,476	\$72,539,039	\$119,295,138	\$138,354,250	7.2	(²)
Cost of materials, supplies, and containers.....	\$77,056,977	(1)	(1)	\$137,422,968	(1)	(²)
Cost of fuel.....	\$256,358	(1)	(1)	\$376,368	(1)	-31.7
Cost of purchased electric energy.....	\$494,141	(1)	(1)	\$555,914	(1)	-11.1
Value of products ¹⁶	\$151,264,707	\$139,372,193	\$227,348,832	\$311,663,838	8.5	-51.5
Value added by manufacture ⁹ ..	\$73,457,231	\$66,783,154	\$108,053,694	(10)	10.0	(²)
TOBACCO (CHEWING AND SMOKING) AND SNUFF						
Number of establishments.....	¹⁷ 115	112	125	152	2.7	-24.3
Proprietors and firm members..	74	82	(1)	117	(*)	-36.8

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE TOBACCO INDUSTRIES, IN COMBINATION AND SEPARATELY, FOR THE UNITED STATES: 1929 TO 1935—Continued

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Salaried personnel, total ¹	980	(²)	(¹)	1,053	(³)	-6.9
Salaried officers of corporations.....	112	(³)	(¹)	113	(³)	-0.9
Supervisory, technical, and clerical employees.....	¹⁸ 868	¹⁹ 556	(¹)	940	56.1	-7.7
Salaries paid, total ¹	\$2,816,277	(³)	(¹)	\$3,281,688	(³)	-14.2
To salaried officers of corporations.....	\$1,021,911	(³)	(¹)	\$802,356	(³)	27.4
To supervisory, technical, and clerical employees.....	¹⁸ \$1,794,366	¹⁹ \$1,254,389	(¹)	\$2,479,332	43.0	-27.6
Wage earners (average for year) ⁴	10,077	10,223	11,441	10,811	-1.4	-6.8
Wages.....	\$7,629,394	\$7,037,081	\$8,673,479	\$8,955,451	8.4	-14.8
Cost of materials, etc., total ⁵	\$89,897,141	\$82,946,418	\$111,158,267	\$72,494,329	8.4	(⁶)
Cost of materials, supplies, and containers.....	\$89,406,635	(¹)	(¹)	\$71,995,961	(¹)	(⁶)
Cost of fuel.....	\$341,193	(¹)	(¹)	\$395,743	(¹)	-13.8
Cost of purchased electric energy.....	\$149,313	(¹)	(¹)	\$102,625	(¹)	45.5
Value of products ⁷	\$135,445,287	\$131,934,566	\$169,113,123	\$170,332,951	2.7	-24.5
Value added by manufacture ⁸	\$45,548,146	\$48,988,148	\$57,954,866	(¹⁰)	-7.0	(⁹)

*Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 1,948; salaries, \$4,821,619. Technical, 138; salaries, \$331,953. Clerical, 2,476; salaries, \$3,473,568. See sec. 10, p. 7.

⁵ Supervisory, 1,322; salaries, \$4,706,608. Clerical and other, 2,143; salaries, \$3,705,302. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Includes cost of internal-revenue stamps for the Tobacco industries, as follows: 1935, \$477,381,596; 1933, \$400,842,557; 1931, \$422,028,576. Cost of internal-revenue stamps not included for 1929. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 1260.

⁸ Cost-of-materials figure for 1929 not comparable with those for later years. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 1260.

⁹ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 13, p. 11.

¹⁰ No comparable figures available. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 1260.

¹¹ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 453; salaries, \$1,412,844. Technical, 37; salaries, \$140,858. Clerical, 1,033; salaries, \$1,603,838. See sec. 10, p. 7.

¹² Supervisory, 481; salaries, \$2,384,477. Clerical and other, 791; salaries, \$1,971,362. See sec. 10, p. 7.

¹³ Includes cost of internal-revenue stamps for Cigarettes industry, as follows: 1935, \$429,028,651; 1933, \$356,209,535; 1931, \$362,207,186. Cost of internal-revenue stamps not included for 1929.

¹⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 1,168; salaries, \$2,464,820. Technical, 76; salaries, \$122,951. Clerical, 927; salaries, \$1,087,454. See sec. 10, p. 7.

¹⁵ Supervisory, 666; salaries, \$1,688,143. Clerical and other, 971; salaries, \$1,113,539. See sec. 10, p. 7.

¹⁶ Includes cost of internal-revenue stamps for the Cigars industry, as follows: 1935, \$11,162,783; 1933, \$8,599,426; 1931, \$15,534,464. Cost of internal-revenue stamps not included for 1929.

¹⁷ California, 3 establishments; Connecticut, 1; Delaware, 1; Illinois, 6; Indiana, 5; Iowa, 2; Kentucky, 12; Massachusetts, 4; Michigan, 3; Minnesota, 1; Missouri, 6; New Jersey, 3; New York, 11; North Carolina, 4; Ohio, 14; Pennsylvania, 20; Tennessee, 9; Texas, 1; Virginia, 5; West Virginia, 1; Wisconsin, 3. (See heading, table 2.)

¹⁸ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 327; salaries, \$943,946. Technical, 25; salaries, \$68,144. Clerical, 516; salaries, \$782,276. See sec. 10, p. 7.

¹⁹ Supervisory, 175; salaries, \$633,988. Clerical and other, 381; salaries, \$620,401. See sec. 10, p. 7.

²⁰ Includes cost of internal-revenue stamps for the Tobacco (Chewing and Smoking) and Snuff industry, as follows: 1935, \$37,690,162; 1933, \$36,033,593; 1931, \$44,284,926.

TABLE 2.—SUMMARY, BY STATES: 1935

[As no figures for wages, cost of materials, value of products, and value added by manufacture can be given for the most important State in the Tobacco and Snuff industry, namely, Missouri, without disclosing approximations of data for individual establishments, and as those States for which it would be possible to publish separate figures without disclosing such approximations of data accounted for less than one-half of the total activity of the industry (as measured by number of wage earners employed) in the United States in 1935, the publication of statistics for those States for which separate figures could be presented would be misleading, and therefore no such statistics for the Tobacco and Snuff industry are included in this report. The distribution of establishments by States for that industry is shown in footnote 17, table 1; and figures are given in table 3 for each State represented by 3 or more establishments, even though 1 or 2 of these establishments reported most of the wage earners employed in the industry. See secs. 11 and 23, pp. 7 and 12.]

	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, containers, fuel, and purchased energy	Value of products	Value added by manufacture
CIGARETTES								
United States.....	29	1,561	24,447	\$3,726,924	\$18,314,976	\$641,312,972	\$806,690,052	\$165,377,080
New York.....	9	40	63	105,277	63,882	416,599	702,133	285,534
North Carolina.....	4	777	15,842	2,068,980	11,376,979	862,799,574	463,280,743	100,481,169
Virginia.....	5	289	3,926	507,242	3,292,000	172,338,501	216,136,906	43,798,406
Other States ¹	11	505	4,616	1,045,425	3,582,615	105,758,298	126,570,270	20,811,972
CIGARS								
United States.....	746	2,505	56,019	5,337,665	33,503,474	77,807,476	151,264,707	73,467,281
California.....	24	37	745	76,282	528,717	1,083,845	2,113,865	1,083,020
Connecticut.....	32	24	532	53,494	446,444	518,132	1,247,278	729,146
Florida.....	54	307	9,305	765,440	5,848,508	9,282,102	19,727,265	10,445,163
Illinois.....	49	33	324	48,985	260,908	351,015	800,942	449,327
Indiana.....	11	70	1,547	195,952	723,390	1,493,663	3,117,035	1,623,382
Iowa.....	4	9	67	10,191	28,109	49,082	98,010	48,928
Kentucky.....	5	7	94	15,004	48,030	71,856	150,795	78,959
Louisiana.....	5	23	1,082	46,024	655,540	1,201,407	2,428,030	1,227,163
Maine.....	3	9	40	14,527	25,943	41,470	93,534	52,064
Maryland.....	9	15	234	22,385	90,200	157,372	313,130	155,758
Massachusetts.....	31	43	432	124,304	315,308	760,484	1,476,388	715,004
Michigan.....	27	170	3,318	385,186	1,886,422	4,252,524	8,605,090	4,352,536
Missouri.....	11	9	369	11,047	219,685	895,947	678,656	280,709
New Jersey.....	38	374	7,847	707,964	4,922,631	13,069,284	24,918,799	11,909,545
New York.....	145	263	3,256	565,965	2,361,963	4,472,695	9,752,027	5,279,332
Ohio.....	44	145	2,713	246,742	1,492,027	3,942,901	7,171,506	3,228,605
Pennsylvania.....	172	730	18,018	1,513,766	10,307,221	28,118,760	54,136,665	26,017,905
Rhode Island.....	4	2	24	(²)	17,882	18,281	47,750	29,489
Tennessee.....	5	5	74	3,850	30,678	39,572	95,486	58,779
Wisconsin.....	38	27	284	44,390	190,372	299,572	632,453	332,881
Other States ²	35	203	5,715	480,167	3,203,287	8,240,757	13,055,433	5,408,676

¹ California, 2 establishments; Florida, 1; Kentucky, 2; Massachusetts, 2; New Jersey, 3; Pennsylvania, 1.

² Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."

³ Colorado, 1 establishment; Georgia, 7; Minnesota, 5; Montana, 1; Nebraska, 1; New Hampshire, 4; North Carolina, 2; Oregon, 1; South Carolina, 1; Texas, 1; Utah, 1; Virginia, 2; Washington, 1; West Virginia, 6.

FOR STATISTICS OF WAGE EARNERS BY MONTHS, SEE TABLE 4, P. 1266

TABLE 3.—PRODUCTS, BY KIND, NUMBER, AND VALUE: 1929 TO 1935

	1935	1933	1931	1929
Tobacco industries, all products, aggregate value.....	\$1,093,400,046	\$909,082,316	\$1,155,851,190	\$1,246,241,839
Cigarettes:				
Number ¹	139,903,222,692	114,823,336,518	(²)	(²)
Value.....	\$723,249,455	\$554,507,000	\$672,652,372	\$668,243,257
Cigars, value.....	\$150,488,766	\$138,154,986	\$226,004,878	\$309,327,032
Chewing and smoking tobacco, value.....	\$188,697,049	\$185,781,200	\$223,109,566	\$232,607,120
Snuff, value.....	\$30,393,615	\$29,133,313	\$31,448,713	\$32,479,248
All other products, value.....	\$571,161	\$1,505,817	\$2,635,659	\$3,585,182
Cigarettes and Cigars industries, all products, total value.....	\$957,954,759	\$777,147,750	\$986,738,067	\$1,066,908,888
Cigarettes:				
Number ¹	139,702,956,782	114,507,426,276	(²)	(²)
Value.....	\$722,162,164	\$553,262,702	\$670,599,155	\$668,035,126
Cigars, value.....	\$150,278,100	\$138,154,986	\$225,886,562	\$309,210,900
Chewing and smoking tobacco, value.....	\$85,052,508	\$84,897,459	\$80,429,574	\$87,917,300
All other products, value.....	\$461,992	\$832,603	\$822,776	\$1,745,562
"Tobacco (Chewing and Smoking) and Snuff" industry, all products, total value.....	\$135,445,287	\$131,934,566	\$169,113,123	\$179,332,951
Cigarettes:				
Number ¹	200,265,910	315,910,242	(²)	(²)
Value.....	\$1,087,291	\$1,244,298	\$2,053,217	\$208,131
Cigars, value.....	\$210,666	(³)	\$118,316	\$116,132
Chewing and smoking tobacco, value.....	\$103,644,546	\$100,883,741	\$133,679,994	\$144,689,820
Snuff, value.....	\$30,393,615	\$29,133,313	\$31,448,713	\$32,479,248
All other products, value.....	\$109,169	\$673,214	\$1,812,883	\$1,839,620

¹ The differences between the numbers of cigarettes manufactured, as given in this report, and the corresponding ones published by the Bureau of Internal Revenue (1935, 139,908,684,406; 1933, 114,877,063,175) are due to the fact that establishments whose annual production is valued at less than \$5,000 are canvassed by the Bureau of Internal Revenue but not by the Bureau of the Census.

² No data on number collected by Bureau of the Census.

³ None reported.

TABLE 4.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

		NUMBER REPORTED FOR—											
Average number employed during year		January	February	March	April	May	June	July	August	September	October	November	December
CIGARETTES													
<i>United States</i>		24,447	25,050	24,035	23,820	23,553	23,834	23,853	24,764	24,730	24,774	24,757	24,738
1935.....		22,544	(*)	20,568	(*)	(*)	22,221	(*)	(*)	23,750	(*)	(*)	23,673
<i>States, 1935</i>													
New York.....	63	59	59	59	61	60	62	61	59	61	65	72	78
North Carolina.....	15,842	16,292	15,416	15,273	15,222	15,202	15,302	15,275	16,224	16,178	16,130	16,162	16,093
Virginia.....	3,926	3,966	3,861	3,856	3,855	3,886	3,896	3,972	3,986	3,886	3,894	3,884	3,926
CIGARS													
<i>United States</i>		58,019	53,915	54,647	54,398	55,383	56,260	56,194	56,876	57,704	59,238	58,948	57,293
1935.....		54,568	(*)	50,059	(*)	(*)	54,953	(*)	(*)	58,485	(*)	(*)	55,843
<i>States, 1935</i>													
California.....	745	709	708	737	745	745	756	688	778	792	787	796	797
Connecticut.....	532	524	501	502	522	530	530	543	559	542	552	547	540
Florida.....	9,305	8,260	8,927	8,783	9,139	9,358	9,358	9,489	9,690	9,901	10,568	10,518	9,613
Georgia.....	157	184	202	188	78	138	164	158	165	184	132	201	113
Illinois.....	324	306	318	310	325	336	336	331	336	336	337	307	349
Indiana.....	1,547	1,602	1,717	1,501	1,576	1,617	1,617	1,619	1,580	1,576	1,632	1,614	1,522
Iowa.....	67	75	74	67	67	66	66	65	47	51	73	69	66
Kentucky.....	64	61	98	98	99	104	98	104	99	98	94	94	94
Louisiana.....	1,082	993	1,041	1,007	1,119	1,144	1,144	1,133	1,104	1,115	1,155	1,150	1,117
Maine.....	40	41	41	41	41	41	41	40	39	37	38	37	40
Maryland.....	284	215	203	277	276	225	225	226	215	228	211	257	238
Massachusetts.....	432	450	447	366	499	500	454	454	435	437	439	461	461
Michigan.....	3,318	3,305	3,323	3,168	3,265	3,414	3,398	3,398	3,351	3,341	3,375	3,263	3,176
Minnesota.....	230	231	225	225	226	222	232	232	231	228	228	232	236
Missouri.....	369	382	348	362	364	354	354	379	377	362	369	367	368
New Hampshire.....	530	529	530	531	531	531	532	531	532	530	530	529	529
New Jersey.....	7,827	7,439	7,627	7,629	7,784	7,833	7,833	7,811	7,635	7,992	8,280	8,328	8,369
New York.....	3,258	3,690	3,261	3,251	3,256	3,299	3,299	3,293	3,235	3,203	3,203	3,265	3,477
Ohio.....	2,713	2,668	2,617	2,545	2,544	2,766	2,766	2,942	2,959	2,803	2,803	2,868	2,881
Pennsylvania.....	13,018	17,470	17,789	17,432	17,635	18,103	18,103	18,007	18,091	18,478	18,779	18,428	18,124

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TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT; CARRIAGES AND SLEDS, CHILDREN'S

[A preliminary report for these industries was issued Feb. 15, 1937]

Because of the considerable amount of overlapping between the Toys, Games, and Playground Equipment industry and the Children's Carriages and Sleds industry, combined statistics for the two industries are given in tables 1 and 4 of this report.

Description of the industries.—The first-named industry embraces establishments engaged in the manufacture of toys of all kinds, such as dolls, toy furniture and utensils, mechanical toys, hobby horses and rocking horses, kites, conjuring apparatus, tricks and puzzles, masks, marbles, educational boards, toy pistols, and air rifles; of apparatus for games (both for adults and for children), except playing cards and apparatus classified as "sporting and athletic goods"; and of playground equipment. The establishments classified in the Children's Carriages and Sleds industry are engaged primarily in the manufacture of baby and doll carriages, go-carts, velocipedes, and tricycles; children's wagons, automobiles, and sleds; and certain other classes of children's wheel goods.

Omission of State statistics except for wage-earner employment, for Children's Carriages and Sleds industry.—As no figures can be given for the most important State in the Children's Carriages and Sleds industry, namely, Ohio, without disclosing approximations of data for individual establishments, and as those States for which it would be possible to publish separate figures without disclosing such approximations of data accounted for less than one-half of the total activity of the industry (as measured by number of wage earners employed) in the United States in 1935, no statistics for the Children's Carriages and Sleds industry are included in table 2. In table 3, however, figures for both industries are given for each State represented by three or more establishments, even though one or two of these establishments reported most of the wage earners employed in the industry in the State. (See sec. 23, p. 12.) The distribution, by States, of the establishments in the Children's Carriages and Sleds industry is shown in footnote 10, table 1.

Detailed statistics of products.—The differences between the values of (1) toys, games, and playground equipment, and (2) children's carriages and other wheel goods, as given in table 4, and the values of products of the "Toys (not Including Children's Wheel Goods or Sleds), Games, and Playground Equipment" industry and of the "Carriages and Sleds, Children's" industry, respectively, as given in table 1, are due to the fact that table 4 covers the entire output of the respective classes of products, whether made as major products of the industries to which they normally belong or as minor products of

other industries, whereas the statistics in table 1 cover the respective *industries* and therefore relate only to the products actually made in those industries. To illustrate: The total value of toys, games, and playground equipment made in 1935, \$55,196,972, as given in table 4, includes the value of toys, games, etc., made as secondary products in other industries but does not include the value of commodities other than toys, games, etc., made as secondary products in the Toys, Games, and Playground Equipment industry; whereas the value of products of this industry, \$52,156,433, as given in table 1, covers the secondary products made in the industry but does not include data for toys, games, etc., made in other industries.

TABLE 1.—GENERAL STATISTICS FOR THE INDUSTRIES, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (-)	
					1933-1935	1929-1935
THE INDUSTRIES AS A GROUP						
Number of establishments.....	430	331	439	555	32.6	-20.9
Proprietors and firm members.....	211	144	(1)	298	46.5	-29.2
Salaried personnel, total ²	2,565	(³)	(1)	3,282	(³)	-21.8
Salaried officers of corporations.....	525	(³)	(1)	702	(³)	-25.2
Supervisory, technical, and clerical employees.....	\$ 2,040	\$ 1,699	(1)	2,580	20.1	-20.9
Salaries paid, total ²	\$5,213,102	(³)	(1)	\$8,736,357	(³)	-40.3
To salaried officers of corporations.....	\$2,376,275	(³)	(1)	\$3,902,611	(³)	-39.1
To supervisory, technical, and clerical employees.....	\$2,836,827	\$2,388,098	(1)	\$4,833,746	18.8	-41.3
Wage earners (average for year) ⁴	20,293	16,455	17,390	23,762	23.3	-14.6
Wages.....	\$16,488,589	\$11,754,900	\$16,859,015	\$25,974,029	40.3	-36.5
Cost of materials, etc., total.....	31,071,393	22,789,623	23,605,352	43,496,314	36.3	-28.6
Cost of materials, supplies, and containers.....	30,190,520	(1)	(1)	42,287,113	(1)	-28.6
Cost of fuel.....	403,338	(1)	(1)	562,425	(1)	-28.3
Cost of purchased electric energy.....	477,535	(1)	(1)	646,776	(1)	-26.2
Value of products.....	67,667,544	48,206,494	70,370,158	103,646,841	40.4	-34.7
Value added by manufacture ⁷	36,596,151	25,416,871	41,764,806	60,150,527	44.0	-39.2
TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT						
Number of establishments.....	384	285	380	476	34.7	-19.3
Proprietors and firm members.....	199	135	(1)	283	47.4	-29.7
Salaried personnel, total ²	2,027	(³)	(1)	2,490	(³)	-18.6
Salaried officers of corporations.....	427	(³)	(1)	568	(³)	-24.8
Supervisory, technical, and clerical employees.....	\$ 1,600	\$ 1,390	(1)	1,922	15.1	-16.8
Salaries paid, total ²	\$4,162,120	(³)	(1)	\$6,775,783	(³)	-38.6
To salaried officers of corporations.....	\$1,910,161	(³)	(1)	\$3,104,519	(³)	-38.5
To supervisory, technical, and clerical employees.....	\$2,251,959	\$1,975,521	(1)	\$3,671,264	14.0	-38.7
Wage earners (average for year) ⁴	15,375	12,484	13,281	16,660	23.2	-7.7
Wages.....	\$12,128,772	\$8,877,414	\$12,379,612	\$17,660,673	36.6	-31.3

For footnotes, see end of table.

TABLE 1.—GENERAL STATISTICS FOR THE INDUSTRIES, FOR THE UNITED STATES: 1929 to 1935—Continued

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT—CON.						
Cost of materials, etc., total.....	\$23,651,877	\$17,118,923	\$21,514,744	\$20,981,527	38.2	-21.1
Cost of materials, supplies, and containers.....	\$23,018,807	(1)	(1)	\$20,140,140	(1)	-21.0
Cost of fuel.....	\$275,276	(1)	(1)	\$363,660	(1)	-24.3
Cost of purchased electric energy...	\$357,794	(1)	(1)	\$477,727	(1)	-25.1
Value of products.....	\$52,156,433	\$37,221,503	\$53,600,779	\$74,828,981	40.1	-30.3
Value added by manufacture ⁷	\$28,504,556	\$20,102,580	\$32,086,035	\$44,847,464	41.8	-36.4
CARRIAGES AND SLEDS, CHILDREN'S						
Number of establishments.....	10 55	46	59	79	(*)	(*)
Proprietors and firm members.....	12	9	(1)	15	(*)	(*)
Salaried personnel, total ¹	538	(3)	(1)	792	(3)	-32.1
Salaried officers of corporations.....	98	(3)	(1)	134	(3)	-26.9
Supervisory, technical, and clerical employees.....	11 440	12 309	(1)	658	42.4	-33.1
Salaries paid, total ²	\$1,050,982	(3)	(1)	\$1,960,574	(3)	-46.4
To salaried officers of corporations.....	\$466,114	(3)	(1)	\$798,092	(3)	-41.6
To supervisory, technical, and clerical employees.....	11 \$584,868	12 \$412,577	(1)	\$1,162,482	41.8	-49.7
Wage earners (average for year) ⁶	4,918	3,971	4,159	7,102	23.8	-30.8
Wages.....	\$4,359,817	\$2,877,486	\$4,479,403	\$8,813,356	51.5	-47.6
Cost of materials, etc., total.....	7,419,516	5,670,700	7,090,608	13,514,787	30.8	-45.1
Cost of materials and supplies.....	7,171,713	(1)	(1)	13,146,973	(1)	-45.4
Cost of fuel.....	128,062	(1)	(1)	193,765	(1)	-35.6
Cost of purchased electric energy..	119,741	(1)	(1)	169,049	(1)	-29.2
Value of products.....	15,511,111	10,984,991	16,769,379	28,817,860	41.2	-46.2
Value added by manufacture ⁷	8,091,595	5,314,291	9,678,771	15,303,073	52.3	-47.1

*Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 560; salaries, \$1,258,751. Technical, 79; salaries, \$151,796. Clerical, 1,401; salaries, \$1,426,280. See sec. 10, p. 7.

⁵ Supervisory, 489; salaries, \$1,115,765. Clerical and other, 1,210; salaries, \$1,272,333. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See sec. 18, p. 11.

⁸ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 436; salaries, \$986,162. Technical, 67; salaries, \$131,380. Clerical, 1,097; salaries, \$1,134,417. See sec. 10, p. 7.

⁹ Supervisory, 413; salaries, \$941,297. Clerical and other, 977; salaries, \$1,034,224. See sec. 10, p. 7.

¹⁰ Connecticut, 2 establishments; Illinois, 3; Indiana, 4; Kentucky, 1; Massachusetts, 10; Michigan, 3; Minnesota, 2; Missouri, 4; New Jersey, 1; New York, 13; Ohio, 5; Pennsylvania, 5; Vermont, 1; Wisconsin, 1.

¹¹ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 124; salaries, \$272,589. Technical, 12; salaries, \$20,416. Clerical, 304; salaries, \$291,863. See sec. 10, p. 7.

¹² Supervisory, 76; salaries, \$174,468. Clerical and other, 233; salaries, \$238,109. See sec. 10, p. 7.

TABLE 2.—SUMMARY FOR TOYS, GAMES, AND PLAYGROUND EQUIPMENT INDUSTRY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Salaries of officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, etc., fuel, and purchased energy	Value of products	Value added by manufacture
United States...	384	2,027	15,375	\$4,162,120	\$12,128,772	\$23,651,877	\$52,156,433	\$28,504,556
California.....	17	30	68	74,296	58,873	109,489	362,894	253,405
Connecticut.....	15	141	1,215	307,499	1,057,761	1,535,084	3,508,061	2,173,577
Illinois.....	28	247	1,505	522,032	1,203,584	1,919,670	5,421,793	3,502,128
Indiana.....	11	90	558	178,084	370,315	725,129	1,742,245	1,017,116
Kansas.....	3	10	57	8,040	24,952	41,705	79,784	33,079
Maryland.....	6	31	175	61,084	112,252	271,447	553,658	282,211
Massachusetts.....	18	225	1,813	502,337	1,325,403	2,553,355	5,483,811	2,930,456
Michigan.....	13	98	748	322,611	687,276	1,208,126	2,921,000	1,712,874
Missouri.....	3	23	71	35,432	58,283	66,112	238,834	172,722
New Jersey.....	20	151	1,915	348,113	1,398,056	2,237,635	5,436,866	3,190,331
New York.....	163	518	3,273	1,025,743	2,999,611	8,378,511	15,602,656	7,224,145
Ohio.....	17	105	700	180,454	530,849	907,170	2,207,591	1,300,421
Pennsylvania.....	25	173	1,876	292,708	1,362,102	2,092,784	4,538,112	2,445,328
Rhode Island.....	5	2	33	(1)	20,426	42,534	89,496	46,962
Vermont.....	4	9	165	11,020	93,656	113,074	245,042	131,968
West Virginia.....	5	49	413	78,276	289,231	507,173	1,075,901	668,728
Wisconsin.....	7	47	290	61,369	201,233	592,457	1,027,137	434,680
Other States ²	24	78	502	\$151,122	334,909	550,522	1,620,947	1,070,425

¹ Withheld to avoid disclosing salaries paid by individual establishments; included in figure for "Other States."

² Georgia, 2 establishments; Iowa, 1; Kentucky, 1; Louisiana, 1; Maine, 2; Minnesota, 4; Nebraska, 1; New Hampshire, 4; North Carolina, 1; Oklahoma, 1; Oregon, 2; Tennessee, 2; Texas, 1; Wyoming, 1.

³ Includes figure for Rhode Island. See footnote 1.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE INDUSTRIES, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average num- ber employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT													
<i>United States</i>													
1935.....	15,375	8,456	10,460	11,832	12,207	12,693	13,839	14,347	16,746	19,615	21,933	23,142	19,179
1933.....	12,484	(*)	(*)	7,852	(*)	(*)	11,486	(*)	(*)	17,243	(*)	(*)	12,798
<i>States, 1935</i>													
California.....	68	32	38	47	54	65	46	53	68	92	99	109	110
Connecticut.....	1,215	772	813	852	948	989	1,086	1,038	1,185	1,502	1,756	1,990	1,848
Illinois.....	1,505	1,053	1,330	1,383	1,356	1,372	1,449	1,215	1,560	1,731	1,843	1,964	1,805
Indiana.....	556	288	352	373	421	496	539	709	748	742	787	673	585
Kansas.....	57	31	52	51	43	44	50	47	62	76	89	101	41
Maryland.....	175	106	121	154	175	181	168	156	152	206	234	242	206
Massachusetts.....	1,813	1,085	1,360	1,533	1,514	1,634	1,709	1,770	1,895	2,188	2,490	2,480	2,141
Michigan.....	748	432	591	723	753	743	754	792	839	929	986	957	477
Minnesota.....	121	93	113	121	128	126	125	131	126	124	117	123	124
Missouri.....	71	55	65	68	69	71	72	55	65	69	96	90	82
New Hampshire.....	124	87	106	130	139	117	135	119	136	140	142	128	111
New Jersey.....	1,915	788	1,020	1,229	1,398	1,564	1,798	2,015	2,170	2,473	2,894	2,920	2,706
New York.....	3,273	1,630	1,754	2,198	2,329	2,559	2,957	3,332	3,704	4,200	4,804	5,244	4,559
Ohio.....	700	510	529	569	566	555	606	652	838	959	1,010	906	695
Pennsylvania.....	1,876	914	1,427	1,526	1,406	1,279	1,404	1,393	2,040	2,618	2,827	3,130	2,495
Rhode Island.....	33	32	30	30	28	29	31	20	36	35	38	38	42
Vermont.....	165	159	170	178	161	159	133	111	133	175	212	212	179
West Virginia.....	413	161	198	277	301	344	347	308	395	609	732	836	448
Wisconsin.....	290	192	182	175	176	181	196	236	332	398	447	512	454
CARRIAGES AND SLEDS, CHILDREN'S													
<i>United States</i>													
1935.....	4,918	2,926	3,460	4,147	4,429	4,658	4,684	4,551	5,241	6,129	6,820	6,719	5,247
1933.....	3,971	2,243	2,651	2,427	2,740	2,960	3,611	4,998	5,785	6,203	5,855	4,652	3,530
<i>States, 1935</i>													
Illinois.....	317	292	268	298	299	296	289	305	341	345	364	384	325
Indiana.....	338	190	184	228	178	294	309	325	410	459	573	514	391
Massachusetts.....	1,245	939	1,061	1,238	1,299	1,184	1,203	1,187	1,293	1,414	1,506	1,436	1,183
Michigan.....	99	18	33	62	75	90	88	67	99	113	150	172	223
Missouri.....	238	171	212	254	258	274	219	220	189	199	286	282	288
New York.....	374	319	342	371	388	373	344	351	367	375	403	426	432
Ohio.....	1,598	355	710	933	1,230	1,466	1,551	1,420	1,880	2,459	2,726	2,682	1,713
Pennsylvania.....	183	161	188	213	207	189	172	155	140	184	196	208	177

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND, NUMBER, AND VALUE: 1929 TO 1935

	1935	1933	1931	1929
1. "Toys, (Not Including Children's Wheel Goods or Sleds), Games, and Playground Equipment" and "Carriages and Sleds, Children's" industries, all products, total value.....	\$67, 667, 544	\$48, 206, 494	\$70, 370, 158	\$103, 646, 841
2. Toys, games, playground equipment, and children's carriages and sleds.....	\$61, 614, 570	\$43, 436, 115	\$62, 384, 803	\$93, 536, 335
3. Other products (not normally belonging to the industries).....	\$5, 649, 725	\$4, 497, 251	\$7, 804, 435	\$9, 874, 285
4. Receipts for contract and repair work.....	\$81, 649	\$48, 554	\$180, 920	\$236, 221
5. Toys, games, etc., and products not normally belonging to the industry, not reported separately.....	\$321, 600	\$224, 574	-----	-----
6. Toys, games, etc., and children's vehicles, made as secondary products in other industries.....	\$11, 043, 515	\$8, 252, 789	\$10, 925, 482	\$19, 084, 704
Toys, games, etc., and children's vehicles, aggregate value (2 and 6).....	\$72, 658, 085	\$51, 688, 904	\$73, 310, 285	\$112, 621, 129
Toys, games, and playground equipment, total value.....	\$55, 196, 972	\$39, 083, 595	\$56, 666, 077	\$83, 115, 017
Dolls:				
Number reported:				
Number.....	11, 803, 780	7, 065, 830	11, 183, 993	15, 151, 801
Value.....	\$7, 995, 059	\$4, 534, 507	\$8, 256, 591	\$12, 397, 935
Number not reported, value.....	\$1, 357, 763	\$762, 686	\$701, 460	-----
Doll parts.....	\$1, 301, 130	\$819, 352	\$2, 205, 236	\$2, 012, 452
Doll clothes.....	\$533, 483	\$271, 817	\$546, 905	\$670, 244
Pyroxylin toys.....	\$360, 125	(1)	(2)	(3)
Stuffed toy animals.....	\$1, 906, 486	\$978, 269	\$1, 310, 876	\$1, 882, 692
Metal toys, other than mechanical, not elsewhere specified.....	\$8, 673, 447	\$8, 139, 824	\$10, 230, 310	\$13, 641, 472
Mechanical toys propelled by springs or by electricity, total value.....	\$6, 144, 409	\$4, 476, 249	\$5, 491, 866	\$7, 889, 393
Trains and equipment:				
Number reported:				
Number.....	2, 424, 442	974, 825	633, 000	-----
Value.....	\$3, 631, 472	\$1, 760, 514	\$1, 081, 062	-----
Number not reported, value.....	\$13, 416	\$559, 000	\$2, 223, 000	\$4, 309, 241
Airplanes:				
Number reported:				
Number.....	1, 634, 420	211, 206	814, 695	-----
Value.....	\$196, 300	\$37, 975	\$88, 121	-----
Number not reported, value.....	-----	\$13, 732	\$2, 100	\$3, 580, 152
Other mechanical toys propelled by springs or by electricity.....	\$2, 303, 221	\$2, 105, 028	\$2, 097, 583	-----
Structural-toy sets.....	\$802, 892	\$206, 750	\$976, 026	(1)
Airplanes, other than mechanical:				
Number reported:				
Number.....	14, 160, 647	3, 346, 746	-----	-----
Value.....	\$348, 042	\$234, 174	-----	(1)
Number not reported, value.....	\$310, 184	\$16, 724	\$588, 156	-----
Wooden toys.....	\$4, 567, 151	\$2, 682, 104	\$5, 739, 905	\$6, 575, 040
Rubber toy balloons.....	\$1, 338, 128	\$996, 407	\$2, 725, 322	\$3, 090, 807
Rubber toys other than balloons.....	\$3, 046, 260	\$2, 493, 930	\$2, 629, 822	\$3, 966, 301
Toy furniture.....	\$752, 046	\$813, 939	\$1, 421, 326	\$3, 485, 139
Air rifles and popguns.....	\$1, 707, 878	-----	(1)	(1)
Paint sets.....	\$372, 716	(1)	-----	-----
China, clay, and composition toys (including marbles).....	\$439, 220	-----	\$518, 300	\$699, 143
Parts of toys, made for sale as such.....	\$50, 766	-----	\$159, 264	\$370, 589
Toys not specified above (including paper toys).....	\$3, 259, 256	\$9, 905, 240	\$9, 359, 720	\$15, 167, 597
Games.....	\$7, 026, 883	-----	(1)	(1)
Games.....	\$713, 089	\$1, 145, 333	\$500, 069	\$3, 544, 711
Toys not reported by kind.....	\$1, 229, 059	\$601, 290	\$3, 144, 923	\$6, 821, 502
Playground equipment.....	-----	-----	-----	-----

For footnotes, see end of table.

TABLE 4.—PRODUCTS, BY KIND, NUMBER, AND VALUE: 1929 TO 1935—Contd.

	1935	1933	1931	1929
Toys, games, etc.—Continued.				
Children's carriages and other wheel goods, total value.....	\$17,461,113	\$12,605,309	\$16,644,208	\$29,506,112
Baby carriages, strollers, sulkies, beach carts, and gocarts, total value.....	\$3,871,731	\$3,790,879	\$5,690,753	\$9,051,306
Number reported:				
Number.....	292,195	268,534	390,781	596,201
Value.....	\$3,040,377	\$2,564,330	\$4,111,043	\$7,171,977
Number not reported, value.....	\$831,354	\$1,226,549	\$1,579,710	\$1,879,329
Baby carriages, strollers, and sulkies:				
Wood:				
Number.....	86,131			
Value.....	\$1,387,705			
Reed, rattan, and other non-metal except wood:				
Number.....	110,299			
Value.....	\$1,094,835			
All-metal:		(¹)	(¹)	(¹)
Number.....	18,405			
Value.....	\$126,029			
Not reported by kind, value.....	\$673,085			
Beach carts and collapsible gocarts:				
Number reported:				
Number.....	77,360			
Value.....	\$431,808			
Number not reported, value.....	\$158,269			
Doll carriages and doll carts:				
Number reported:				
Number.....	709,918	636,188	770,000	1,307,546
Value.....	\$1,462,031	\$1,381,411	\$1,846,991	\$3,504,038
Number not reported, value.....	\$182,512	\$218,278	\$60,000	\$166,368
Velocipedes and tricycles:				
Number.....	1,200,723	1,030,405	666,900	905,050
Value.....	\$3,817,502	\$2,655,613	\$2,801,204	\$4,696,021
Sidewalk cycles:				
Number.....	35,144	35,315	75,167	80,278
Value.....	\$339,006	\$257,219	\$646,436	\$729,628
Children's wagons (coaster, express, and play):				
Number reported:				
Number.....	1,919,825	1,904,788	1,348,721	1,807,439
Value.....	\$2,535,856	\$1,854,691	\$1,803,828	\$3,842,124
Number not reported, value.....	\$10,955		\$83,500	\$166,071
Scoters:				
Number.....	417,635	210,736	167,756	470,917
Value.....	\$631,060	\$196,680	\$226,608	\$656,423
3-wheel play cars:				
Number.....	303,344	167,262	206,112	580,374
Value.....	\$317,651	\$174,994	\$257,605	\$936,241
Children's automobiles:				
Number reported:				
Number.....	197,716	107,522	144,500	205,352
Value.....	\$1,086,215	\$538,771	\$606,987	\$1,020,740
Number not reported, value.....		\$22,724	\$20,000	
Sleds:				
Number reported:				
Number.....	798,114	320,628	531,764	628,866
Value.....	\$922,363	\$279,968	\$503,196	\$617,096
Number not reported, value.....	\$353,311	\$261,416	\$298,099	\$254,519
Baby walkers and tenders:				
Number.....	364,794	216,324	249,226	331,526
Value.....	\$782,669	\$394,251	\$618,006	\$788,061
Children's wheelbarrows.....	(¹)	(¹)	\$83,341	(¹)
Children's wheel goods not reported by kind, value.....	\$605,693	\$151,408	\$455,748	\$2,111,754
Parts of children's wheel goods, made for sale as such.....	\$541,958	\$427,011	\$641,906	\$935,692

¹ No data.² Data incomplete.³ Revised.⁴ The production of toy balloons was reported solely, and that of other rubber toys mainly, by establishments in the Rubber Products group of industries, which embraces all establishments using crude rubber as their principal material.⁵ Not including playing cards nor apparatus classified as "sporting and athletic goods."⁶ Figure for "Games" included in that for "Toys not specified above (including paper toys)."

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UMBRELLAS, PARASOLS, AND CANES

[A preliminary report for this industry was issued November 12, 1936]

Description of the industry.—The principal products of this industry are umbrellas, parasols, canes, umbrella and parasol cases, handles, and frames, and other parts for umbrellas, parasols, and canes.

TABLE 1.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	83	80	93	141	(*)	—41.1
Proprietors and firm members.....	73	63	(1)	127	(*)	—42.5
Salaried personnel, total ²	246	(3)	(1)	479	(3)	—48.6
Salaried officers of corporations.....	65	(3)	(1)	91	(3)	(*)
Supervisory, technical, and clerical employees.....	⁴ 181	⁵ 181	(1)	388	-----	—53.4
Salaries paid, total ²	\$554,685	(3)	(1)	\$1,191,701	(3)	—53.5
To salaried officers of corporations.....	\$277,536	(3)	(1)	\$517,809	(3)	—46.4
To supervisory, technical, and clerical employees.....	⁴ \$277,149	⁵ \$266,899	(1)	\$673,892	3.8	—58.9
Wage earners (average for year) ⁶	2,186	2,155	1,852	2,855	1.4	—23.4
Wages.....	\$1,712,054	\$1,530,932	\$1,610,627	\$2,708,410	11.8	—38.2
Cost of materials, etc., total.....	6,140,198	4,971,566	5,135,961	10,907,373	23.5	—43.7
Cost of materials and supplies.....	6,046,052	(1)	(1)	10,772,436	(1)	—43.9
Cost of fuel.....	59,145	(1)	(1)	73,075	(1)	—19.1
Cost of purchased electric energy.....	35,001	(1)	(1)	61,862	(1)	—43.4
Value of products.....	10,085,739	8,258,667	9,114,759	17,994,376	22.1	—44.0
Value added by manufacture ⁷	3,945,541	3,287,101	3,978,798	7,087,003	20.0	—44.3

*Percent not computed where base is less than 100.

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 47; salaries, \$120,557. Technical, 12; salaries, \$20,078. Clerical, 122; salaries, \$136,514. See sec. 10 p. 7.

⁵ Supervisory, 56; salaries, \$131,299. Clerical and other, 125; salaries, \$135,600. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 18, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, fuel, and purchased energy	Value of products	Value added by manufacture
United States.....	83	246	2,186	\$554,685	\$1,712,054	\$6,140,198	\$10,085,739	\$3,945,541
Illinois.....	3	2	28	2,207	24,906	119,906	180,338	60,432
Massachusetts.....	5	13	89	14,838	57,224	313,190	469,436	156,246
New Jersey.....	5	35	508	135,491	382,277	522,281	1,513,752	991,471
New York.....	51	81	600	172,495	534,732	2,824,046	3,976,140	1,152,094
Pennsylvania.....	11	72	590	149,124	456,357	1,261,038	2,210,335	949,247
Other States ¹	8	43	372	80,530	256,558	1,099,687	1,735,738	636,061

¹ Louisiana, 1 establishment; Maryland, 3; Missouri, 1; Ohio, 3.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
<i>United States</i>													
1935.....	2,186	2,006	2,101	1,989	1,938	1,894	1,904	1,930	2,122	2,452	2,720	2,695	2,476
1933.....	2,155	(*)	(*)	1,686	(*)	(*)	2,115	(*)	(*)	2,657	(*)	(*)	2,192
<i>States, 1935</i>													
Illinois.....	28	31	24	25	24	21	22	28	28	35	35	34	33
Maryland.....	244	250	250	197	209	208	207	177	216	291	312	301	307
Massachusetts.....	89	93	73	87	76	80	80	73	86	101	108	104	96
New Jersey.....	508	425	498	437	409	405	452	486	519	599	664	652	549
New York.....	600	525	561	558	569	565	532	543	594	639	707	715	696
Ohio.....	116	105	122	81	92	101	104	111	121	139	142	139	131
Pennsylvania.....	590	567	563	594	548	503	496	495	546	636	739	737	652

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

TABLE 4.—PRODUCTS, BY KIND AND VALUE: 1935 AND 1933

[No comparable figures available for years prior to 1933]

KIND	1935	1933
1. Umbrellas, Parasols, and Canes industry, all products, total value.....	\$10,085,739.	\$8,258,667
2. Umbrellas, parasols, and canes.....	9,447,535	7,702,654
3. Other products (not normally belonging to the industry).....	517,544	433,366
4. Receipts for custom and repair work.....	120,660	122,647
5. Umbrellas, parasols, and canes made as secondary products in other industries.....	107,761	142,959
Umbrellas, parasols, and canes, total value (sum of 2 and 5).....	9,555,296	7,845,613
Umbrellas and parasols.....	7,304,893	5,996,737
Umbrella and parasol frames.....	1,355,366	981,630
Umbrella handles and other parts.....	824,088	867,246
Canes and parts.....	70,949	

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WINDOW SHADES (TEXTILE AND PAPER) AND FIXTURES

[A preliminary report for this industry was issued Mar. 5, 1937]

Description of the industry.—This industry embraces establishments assembling window shades on a commercial basis from purchased cloth or paper, rollers, etc., and those manufacturing shade rollers, curtain rods, and fixtures. It does not include small shops producing shades to individual order. (Manufacturers of Venetian blinds are classified in the Planing-Mill Products industry.)

TABLE I.—GENERAL STATISTICS, FOR THE UNITED STATES: 1929 TO 1935

	1935	1933	1931	1929	PERCENT OF INCREASE OR DECREASE (—)	
					1933-1935	1929-1935
Number of establishments.....	319	312	448	482	2.2	-33.8
Proprietors and firm members.....	213	213	(1)	295	-----	-27.8
Salaried personnel, total ¹	694	(2)	(1)	978	(3)	-29.0
Salaried officers of corporations.....	194	(3)	(1)	185	(3)	4.9
Supervisory, technical, and clerical employees.....	4 500	5 534	(1)	793	-6.4	-36.9
Salaries paid, total ²	\$1,391,612	(3)	(1)	\$2,404,744	(3)	-42.1
To salaried officers of corporations....	\$696,107	(3)	(1)	\$921,232	(3)	-24.4
To supervisory, technical, and clerical employees.....	4 695,505	5 786,827	(1)	\$1,483,512	-11.6	-53.1
Wage earners (average for year) ⁴	2,999	2,903	3,119	4,708	3.3	-36.3
Wages.....	\$2,710,027	\$2,264,192	\$3,313,322	\$5,623,588	19.7	-51.8
Cost of materials, etc., total.....	12,216,026	9,115,379	11,198,002	19,785,350	34.0	-38.3
Cost of materials and supplies.....	12,031,597	(1)	(1)	19,496,782	(1)	-38.3
Cost of fuel.....	81,343	(1)	(1)	175,015	(1)	-53.5
Cost of purchased electric energy....	103,086	(1)	(1)	113,553	(1)	-9.2
Value of products.....	20,324,041	16,169,887	20,561,734	36,964,694	25.7	-45.0
Value added by manufacture ⁵	8,108,015	7,054,508	9,363,732	17,179,344	14.9	-52.8

¹ No data.

² No data for employees of central administrative offices are included in the figures for any year. See sec. 10, p. 7.

³ Data incomplete.

⁴ Supervisory, technical, and clerical employees reported separately for 1935 only, as follows: Supervisory, 105; salaries, \$271,447. Technical, 16; salaries, \$23,082. Clerical, 379; salaries, \$365,976. See sec. 10, p. 7.

⁵ Supervisory, 145; salaries, \$401,717. Clerical and other, 389; salaries, \$385,110. See sec. 10, p. 7.

⁶ See sec. 11, p. 7.

⁷ Value of products less cost of materials, supplies, fuel, and purchased electric energy. See sec. 13, p. 11.

TABLE 2.—SUMMARY, BY STATES: 1935

[See secs. 11 and 23, pp. 7 and 12. See also footnotes 2 and 7, table 1]

	Number of establishments	Salaries of officers and employees	Wage earners (average for the year)	Salaries	Wages	Cost of materials, etc., fuel, and purchased energy	Value of products	Value added by manufacture
United States.....	319	694	2,999	\$1,391,612	\$2,710,027	\$12,216,026	\$20,324,041	\$8,108,015
California.....	28	32	83	49,743	76,559	402,972	665,082	262,110
Connecticut.....	4	5	10	9,274	11,931	33,481	59,959	26,478
Florida.....	5	4	14	4,515	12,484	109,499	150,441	40,942
Illinois.....	45	100	430	221,499	393,532	1,566,251	2,661,754	1,095,503
Indiana.....	6	17	54	21,260	39,126	145,890	300,472	154,582
Maryland.....	7	13	29	19,960	27,562	199,750	320,716	120,966
Massachusetts.....	26	46	119	78,146	124,244	641,601	900,961	359,360
Minnesota.....	4	3	8	2,996	6,541	24,024	53,923	29,899
Missouri.....	9	12	40	15,300	41,137	129,358	328,877	199,519
New Jersey.....	18	35	79	59,816	77,912	616,280	867,701	251,421
New York.....	91	153	580	359,806	581,951	3,673,566	5,703,893	2,030,327
Ohio.....	18	33	500	222,679	409,085	1,639,756	2,788,807	1,099,051
Pennsylvania.....	11	38	211	76,273	233,808	971,014	1,385,148	414,134
Texas.....	7	11	25	9,838	20,211	250,077	536,641	86,564
Washington.....	6	4	16	4,518	16,875	42,312	88,750	46,438
Wisconsin.....	5	7	20	14,964	22,241	124,132	187,534	63,402
Other States ¹	29	126	780	221,025	614,828	1,696,063	3,523,382	1,827,319

¹ Alabama, 1 establishment; District of Columbia, 3; Georgia, 1; Kentucky, 1; Michigan, 9; Nebraska, 1; North Carolina, 1; Oklahoma, 2; Oregon, 2; Rhode Island, 2; South Carolina, 1; Tennessee, 1; Vermont, 2; Virginia, 2. See sec. 23, p. 12.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1935 AND 1933, AND FOR STATES, 1935

[See secs. 11 and 23, pp. 7 and 12]

	Average number employed during year	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States													
1935.....	2,999	2,717	2,805	2,967	3,102	3,259	3,140	2,867	2,904	3,106	3,311	3,058	2,756
1933.....	2,903	(*)	(*)	2,469	(*)	(*)	3,115	(*)	(*)	3,358	(*)	(*)	2,866
States, 1935													
California.....	83	57	59	60	62	62	62	107	104	106	105	103	105
Connecticut.....	10	9	9	9	11	12	12	11	9	9	9	10	10
Dist. of Columbia.....	20	17	17	13	19	19	22	22	22	22	22	22	22
Florida.....	14	15	15	9	9	9	9	10	10	18	18	22	22
Illinois.....	430	386	399	417	472	434	460	401	408	445	469	423	393
Indiana.....	54	46	35	47	45	46	51	56	73	84	65	55	49
Maryland.....	29	25	25	23	28	31	31	28	28	31	33	33	27
Massachusetts.....	119	87	109	115	124	155	151	141	118	113	109	102	102
Michigan.....	439	460	492	481	464	461	450	406	422	431	443	404	357
Minnesota.....	8	5	5	5	7	11	11	9	8	11	10	6	5
Missouri.....	40	34	35	39	48	41	43	41	30	48	46	39	40
New Jersey.....	79	70	69	70	80	86	88	78	75	81	87	87	77
New York.....	580	549	543	555	569	626	612	566	554	591	605	606	583
Ohio.....	500	392	433	528	589	525	517	414	509	526	625	556	386
Pennsylvania.....	211	190	191	209	199	272	225	214	168	219	253	191	191
Texas.....	25	23	23	23	25	27	26	27	27	27	27	25	25
Washington.....	16	15	17	17	17	19	15	17	15	17	17	16	13
Wisconsin.....	20	13	17	17	19	22	24	26	23	21	21	21	21

*Data incomplete. See last sentence, second paragraph, sec. 11, p. 7.

WINDOW SHADES AND FIXTURES

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TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1935

[No corresponding figures available for earlier years]

KIND	Value
1. Window Shades and Fixtures industry, all products, total value.....	\$20,324,041
2. Window shades and fixtures.....	17,001,880
3. Other products (not normally belonging to the industry).....	3,132,808
4. Receipts for custom and repair work.....	189,403
5. Window shades and fixtures made as secondary products in other industries.....	2,023,898
Window shades and fixtures, total value (sum of 2 and 5).....	19,025,728
Window shades.....	13,402,180
Window-shade rollers, rods, poles, and fixtures.....	3,878,122
Products not reported in detail.....	1,745,426

