

Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

The group as a whole.—This group of industries includes printing, publishing, lithographing, and engraving establishments, and establishments performing services for the printing trade such as typesetting, photoengraving, electrotyping, stereotyping, rotogravure, and bookbinding. The group includes publishers

doing no printing, publishers doing their own printing, and printers doing no publishing. Publishers doing commercial or job printing are classified as publishers even though the job printing is the main source of income. News syndicates are not included in the manufacturing industries.

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CENSUS OF MANUFACTURES: 1939

SUMMARY FOR GROUP 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES: 1929 TO 1939

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
1939.....	24,878	324,535	\$493,615,659	\$812,007,618	\$2,578,464,382	\$1,766,456,764	53,679
1937.....	22,674	350,952	530,213,843	790,226,793	2,576,818,286	1,786,591,493	(⁴)
1935.....	22,505	302,643	443,923,111	610,693,804	2,157,334,118	1,546,640,314	(⁵)
1933.....	19,216	261,904	353,226,855	478,166,622	1,722,999,876	1,244,833,254	(⁶)
1931.....	24,664	314,858	535,119,664	720,170,411	2,487,507,404	1,767,336,993	(⁷)
1929.....	27,211	353,904	630,605,917	929,171,652	3,144,893,802	2,215,722,150	641,055
SUBGROUPS, INDUSTRIES, AND CENSUS YEAR							
SUMMARY FOR SUBGROUPS AND FOR INDIVIDUAL INDUSTRIES: 1939 AND 1937							
NEWSPAPERS:							
1939.....	7,309	97,251	\$164,718,489	\$232,491,961	\$910,188,611	\$677,696,650	9,700
1937.....	6,980	109,882	185,835,935	221,093,919	922,335,081	701,241,162	(⁸)
Newspapers: publishing without printing—							
1939.....	431	260	363,445	5,314,630	11,963,611	6,648,981	(⁹)
1937.....	343	206	270,616	4,298,588	10,473,340	6,174,752	(¹⁰)
Newspapers: publishing and printing—							
1939.....	6,878	96,991	164,355,044	227,177,331	898,225,000	671,047,669	9,709
1937.....	6,637	109,676	185,665,319	216,795,331	911,861,741	695,066,410	(¹¹)
PERIODICALS:							
1939.....	2,558	21,421	33,552,601	174,296,935	468,846,754	294,549,819	18,324
1937.....	2,204	25,333	36,044,781	171,927,178	473,695,569	301,768,391	(¹²)
Periodicals: publishing without printing—							
1939.....	1,958	436	550,099	116,664,127	266,831,618	150,167,491	(¹³)
1937.....	1,762	711	919,494	109,282,235	259,020,752	149,738,517	(¹⁴)
Periodicals: publishing and printing—							
1939.....	600	20,985	33,002,502	57,632,808	202,015,136	144,382,328	18,324
1937.....	502	24,622	35,125,287	62,644,943	214,674,817	152,029,874	(¹⁵)
Books:							
1939.....	1,396	22,773	33,638,091	79,288,972	236,752,293	157,463,321	3,849
1937.....	990	21,911	32,307,994	74,028,317	220,035,337	146,007,020	(¹⁶)
Books: publishing without printing—							
1939.....	556	135	195,673	35,548,274	109,579,003	74,030,729	(¹⁷)
1937.....	409			36,253,264	103,227,063	66,973,799	(¹⁸)
Books: publishing and printing—							
1939.....	150	6,091	8,404,779	11,728,693	39,517,202	27,788,509	1,275
1937.....	121	6,094	8,412,730	11,633,384	40,827,388	29,194,004	(¹⁹)
Books: printing without publishing—							
1939.....	690	16,547	25,037,639	32,012,005	87,656,088	55,644,083	2,574
1937.....	460	15,817	23,895,264	26,141,669	75,980,886	49,839,217	(²⁰)
GENERAL COMMERCIAL (JOB) PRINTING:							
General commercial (job) printing—							
1939.....	9,595	96,039	132,944,964	191,733,637	515,435,609	323,701,972	6,078
1937.....	9,035	108,761	148,801,613	201,847,601	549,521,300	347,673,699	(²¹)
LITHOGRAPHING:							
Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)—							
1939.....	749	26,000	37,929,201	57,686,434	154,394,787	96,708,353	11,804
1937.....	516	22,533	33,951,799	50,730,517	129,244,274	78,513,757	(²²)
GREETING CARDS:							
Greeting cards (except hand-painted)—							
1939.....	109	7,522	7,264,165	15,490,146	39,715,439	24,225,293	(²³)
1937.....	79	6,847	6,491,370	10,145,934	29,636,111	19,490,177	(²⁴)
GRAVURE, ROTOGRAVURE AND ROTARY PHOTOGRAVURE:							
Gravure, rotogravure, and rotary photogravure (including preparation of plates)—							
1939.....	24	2,623	5,436,278	7,243,336	18,614,837	11,371,501	(²⁵)
1937.....	20	2,228	4,809,178	7,499,248	18,488,240	10,988,992	(²⁶)
BOOKBINDING AND RELATED INDUSTRIES:							
Bookbinding and related industries—							
1939.....	1,133	25,690	29,062,627	30,428,715	102,591,313	72,162,598	3,890
1937.....	997	25,333	28,665,439	30,744,782	94,821,598	64,076,786	(²⁷)
SERVICE INDUSTRIES FOR THE PRINTING TRADE:							
1939.....	2,005	25,216	49,069,243	23,347,482	131,924,739	108,577,257	25
1937.....	1,793	28,124	53,305,734	23,816,877	139,040,806	115,223,929	(²⁸)
Machine and hand typesetting (including advertisement typesetting)—							
1939.....	641	6,244	10,424,914	3,052,076	25,096,497	22,044,421	(²⁹)
1937.....	537	6,425	10,693,854	2,721,725	24,081,746	21,360,021	(³⁰)
Engraving (steel, copperplate, and wood); plate printing—							
1939.....	436	5,353	7,156,404	6,029,351	22,163,638	16,134,287	25
1937.....	418	7,226	9,312,350	7,137,982	26,625,218	19,487,236	(³¹)
Photoengraving, not done in printing establishments (including preparation of plates)—							
1939.....	694	9,207	22,568,156	7,361,670	55,619,445	48,257,775	(³²)
1937.....	620	9,707	23,605,584	7,196,483	57,291,196	50,094,713	(³³)
Electrotyping and stereotyping, not done in printing establishments—							
1939.....	234	4,412	8,919,769	6,904,385	29,045,159	22,140,774	(³⁴)
1937.....	218	4,766	9,693,946	7,760,687	31,042,646	24,281,959	(³⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Wage earners and wages.³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁴ For 1937, the cost of materials, etc., and the value added by manufacture is not the sum of the figures shown below, because of a revision in the "Electroplating and stereotyping, not done in printing establishments" industry. This revision was not carried to the group total or to the total for all groups for the United States.⁵ Not called for on schedule.

Data not available.

⁷ Revised; revision not carried to group total or to total for the United States.

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

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GENERAL STATISTICS IN DETAIL, FOR THE GROUP, THE SUBGROUPS, AND FOR THE INDUSTRIES¹: 1939

ITEM	Aggregate for the group	NEWSPAPERS			PERIODICALS			BOOKS			
		Total	811	812	Total	821	822	Total	831	832	833
Number of establishments ²	24, 878	7, 309	431	6, 878	2, 558	1, 958	600	1, 396	556	150	690
Proprietors and firm members.....	18, 147	6, 014	246	5, 768	782	532	250	576	156	61	359
Persons reported by manufacturing industries, total ³	552, 505	207, 429	2, 532	204, 897	61, 972	27, 254	34, 718	42, 559	12, 137	8, 839	21, 583
Salaried officers of corporations ³	18, 937	4, 361	184	4, 177	2, 496	1, 859	637	1, 776	676	215	885
Manufacturing:											
Salaried employees ³	124, 060	64, 061	1, 665	62, 396	22, 600	15, 141	7, 459	10, 129	6, 199	1, 441	2, 489
Wage earners (average for the year) ⁴	324, 535	97, 251	260	96, 991	21, 421	436	20, 985	22, 773	135	6, 091	16, 547
Distribution.....	84, 108	41, 448	423	41, 025	15, 317	9, 816	5, 501	7, 804	5, 127	1, 087	1, 590
Construction.....	749	282		282	112		112	77		5	72
Other.....	116	26		26	26	2	24				
Salaries and wages, total ⁵	\$977, 702, 397	\$382,380,549	\$3, 252, 593	\$379,127,956	\$119,384,325	\$59,350,608	\$60,033,717	\$76,507,322	\$22,984,919	\$14,715,064	\$38,807,339
Salaried officers ³	99, 716, 704	25, 776, 751	460, 796	25, 315, 955	15, 078, 308	11, 111, 074	3, 967, 234	11, 044, 891	4, 685, 946	1, 362, 999	4, 995, 946
Manufacturing:											
Salaries ³	231, 852, 004	124, 012, 353	1, 899, 302	122, 113, 051	41, 741, 172	27, 660, 563	14, 080, 609	17, 263, 088	9, 459, 396	2, 696, 124	5, 107, 568
Wages.....	493, 615, 659	164, 718, 489	363, 445	164, 355, 044	33, 552, 601	550, 099	33, 002, 502	33, 638, 091	195, 673	8, 494, 779	25, 037, 639
Distribution.....	150, 585, 862	67, 123, 327	529, 050	66, 594, 277	28, 795, 491	20, 027, 972	8, 767, 519	14, 375, 794	8, 643, 904	2, 237, 117	3, 494, 773
Construction.....	1, 705, 932	704, 144		704, 144	197, 813		197, 813	185, 458		14, 045	171, 413
Other.....	226, 176	45, 485		45, 485	18, 940	900	18, 040				
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	812, 007, 618	232, 491, 961	5, 314, 630	227, 177, 331	174, 296, 935	116, 064, 127	57, 632, 808	79, 288, 972	35, 548, 274	11, 728, 693	32, 012, 005
Materials, supplies, and containers.....	614, 011, 305	202, 738, 876	427, 902	202, 310, 974	88, 518, 520	38, 866, 772	49, 651, 748	44, 571, 826	7, 517, 741	9, 517, 775	27, 536, 310
Fuel.....	6, 723, 627	2, 660, 487	9, 009	2, 651, 478	633, 773	26, 264	607, 509	410, 128	9, 451	118, 943	281, 734
Purchased electric energy.....	18, 244, 098	7, 230, 942	25, 893	7, 205, 049	994, 346	122, 843	871, 503	1, 176, 171	93, 145	221, 339	861, 687
Contract work.....	173, 028, 588	19, 861, 656	4, 851, 826	15, 009, 830	84, 150, 296	77, 648, 248	6, 502, 048	33, 130, 847	27, 927, 937	1, 870, 636	3, 332, 274
Value of products and receipts.....	2, 578, 464, 382	910, 188, 611	11, 963, 611	898, 225, 000	468, 846, 754	266, 831, 618	202, 015, 136	236, 752, 293	109, 579, 003	39, 517, 202	87, 656, 088
Value added to materials ⁶	1, 766, 456, 764	677, 696, 650	6, 648, 981	671, 047, 669	294, 549, 819	150, 167, 491	144, 382, 328	157, 463, 321	74, 030, 729	27, 788, 509	55, 644, 083

ITEM						SERVICE INDUSTRIES FOR THE PRINTING TRADES				
	851	861	862	871	880	Total	891	892	893	894
Number of establishments ²	9,595	749	109	24	1,133	2,005	641	436	694	234
Proprietors and firm members.....	8,216	278	70	5	893	1,313	538	329	384	62
Persons reported by manufacturing industries, total ³	126,059	34,722	9,983	3,114	31,622	35,045	8,100	6,865	13,747	6,333
Salaried officers of corporations ³	5,821	1,179	137	36	975	2,156	483	347	981	345
Manufacturing:										
Salaried employees ³	14,504	3,966	1,405	367	2,961	4,067	892	739	1,626	810
Wage earners (average for the year) ⁴	96,039	26,000	7,522	2,623	25,690	25,216	6,244	5,353	9,207	4,412
Distribution.....	9,543	3,464	904	82	1,957	3,589	480	426	1,928	755
Construction.....	142	78	15	6	32	5	1		3	1
Other.....	10	35			7	12			2	10
Salaries and wages, total ⁵	\$200,064,264	\$62,178,985	\$12,266,714	\$7,191,590	\$42,840,415	\$74,888,233	\$14,995,489	\$10,428,966	\$35,019,183	\$14,444,595
Salaried officers ³	23,807,713	7,331,679	1,391,382	305,871	4,617,664	10,362,505	2,063,530	1,315,136	4,880,820	2,103,019
Manufacturing:										
Salaries ³	24,966,055	7,985,605	1,956,955	1,136,331	5,112,069	7,678,376	1,576,325	1,247,067	3,140,030	1,714,954
Wages.....	132,944,964	37,929,201	7,264,165	5,436,278	29,062,627	49,069,243	10,424,914	7,156,404	22,568,156	8,919,769
Distribution.....	18,008,248	8,713,536	1,634,502	301,196	3,897,529	7,736,239	927,871	710,359	4,423,202	1,674,807
Construction.....	300,951	155,446	19,710	11,914	119,916	10,580	2,849		5,317	2,414
Other.....	36,333	63,518			30,610	31,290			1,658	29,632
Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total.....	191,733,637	57,686,434	15,490,146	7,243,336	30,428,715	23,347,482	3,052,076	6,029,351	7,361,070	6,904,385
Materials, supplies, and containers.....	167,372,510	49,350,263	10,380,777	6,006,569	28,044,632	17,027,332	2,211,510	5,368,553	5,855,276	3,591,993
Fuel.....	1,627,597	525,371	45,683	74,279	290,300	456,009	111,441	72,785	110,353	161,450
Purchased electric energy.....	4,991,944	1,170,758	153,248	214,656	763,464	1,548,569	316,427	183,579	570,316	478,247
Contract work.....	17,741,586	6,640,402	4,910,432	947,832	1,330,319	4,315,572	412,698	404,434	825,745	2,672,695
Value of products and receipts.....	515,435,609	154,394,787	39,715,439	18,614,837	102,591,313	131,924,739	25,096,497	22,163,638	55,619,445	29,045,159
Value added to materials ⁶	323,701,972	96,708,353	24,225,293	11,371,501	72,162,598	103,577,257	22,044,421	16,134,287	48,257,775	22,140,774

¹ The numbers at the head of each column represent the following industries:

- 811. Newspapers: publishing without printing.
- 812. Newspapers: publishing and printing.
- 821. Periodicals: publishing without printing.
- 822. Periodicals: publishing and printing.
- 831. Books: publishing without printing.
- 832. Books: publishing and printing.
- 833. Books: printing without printing.
- 851. General commercial (job) printing.
- 861. Lithographing and photo-lithographing (including preparation, of stones or plates and dry transfers).
- 862. Greeting cards (except hand-painted).
- 871. Gravure, rotogravure, and rotary photogravure (including preparation of plates).

- 880. Bookbinding and related industries.
- 891. Machine and hand typesetting (including advertisement typesetting).
- 892. Engraving (steel, copperplate, and wood); plate-printing.
- 893. Photoengraving, not done in printing establishments (including preparation of plates).
- 894. Electrotyping and stereotyping, not done in printing establishments.
- ² See GENERAL EXPLANATIONS—Definition of establishment.
- ³ See GENERAL EXPLANATIONS—Persons engaged—general classification.
- ⁴ See GENERAL EXPLANATIONS—Wage earners and wages.
- ⁵ Value of products and receipts less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

NEWSPAPERS, PERIODICALS, AND BOOKS

This report presents statistics for seven industries, those *publishing* only newspapers, periodicals, and books; those *publishing* and *printing* newspapers, periodicals, and books and pamphlets; and those *printing books and pamphlets* for *publishers* by letterpress, lithographing, or other process.

Establishments classified in the industries embracing newspaper publishing without printing, periodical publishing without printing, and book and pamphlet publishing without printing maintain no printing plants and perform no printing or other manufacturing processes of any kind. It is necessary, however, to treat such establishments as within the Printing, Publishing, and Allied Industries group in order to make a complete statistical presentation. This necessity arises because commercial printers are not in a position to report the receipts from subscriptions, sales, and advertisements of newspapers and periodicals, the selling value of books, and other required data on publications printed for others, information being obtainable only from the publishers for whom the commercial printing is being done. Establishments specializing in printing newspapers and periodicals for those who publish only are included in the "General commercial (job) printing" industry.

Publishers doing commercial or job printing are classified as publishers, even though job printing is the main source of revenue.

Value of products and receipts.—The term "Value of products and receipts," as applied to the newspaper and periodical and book and pamphlet industries, covers revenue from subscriptions and sales, advertising, and work done for others.

Number of publications and aggregate circulation per issue.—In calculating the number of newspapers, as shown in the tables, morning, evening, and Sunday editions of the same newspaper are counted separately. Thus every daily paper which publishes a Sunday edition counts as two in the total, and every daily which publishes morning, evening, and Sunday editions counts as three. The "aggregate circulation per issue" is calculated, for each class of publications—newspapers and periodicals—by totalizing the return for average circulation per issue as reported by individual publications, as daily, morning, evening, Sunday, monthly, quarterly, weekly, etc.

Effect of \$5,000 limit on coverage.—As explained in "Establishments covered—minimum size limit" of the GENERAL EXPLANATIONS, no data are collected from establishments with products or receipts valued at less than \$5,000. The application of the limit has a greater effect on the coverage of the printing and publishing industries than on that of any other important industry canvassed in the Biennial Census. (In the 1919 census, 43 percent of the establishments in the newspaper and periodicals industries reported receipts amounting to less than \$5,000; and the corresponding percentage for weekly newspapers—which cannot be calculated, as the basic data are not now available—would be considerably larger.)

The effect of the \$5,000 limit is much less pronounced on other statistical items in the several tables than on the figures for number of establishments and number of weekly newspapers.

NEWSPAPERS, PERIODICALS, AND BOOKS

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PRINTING AND PUBLISHING—PRODUCTS AND RECEIPTS BY KIND AND VALUE: 1939, 1937, AND 1929

[This table presents figures for all printing and publishing, including that done outside the printing and publishing industries]

	1939	1937	1929
Printing and Publishing industries, all products and receipts, total value.....	\$2,170,938,706	\$2,195,223,398	\$2,760,195,928
Printing and publishing.....	2,106,110,792	2,137,760,641	2,609,356,766
Products classified in industries allied to printing and publishing.....	48,300,026	44,808,503	74,810,041
Products not classified either in printing and publishing or in allied industries.....	16,527,888	12,654,240	16,029,121
Printing reported as a secondary activity by establishments engaged primarily in activities other than printing and publishing.....	43,491,849	35,301,372	6,905,647
Printing and publishing, aggregate value and receipts ²	2,149,602,641	2,173,062,013	2,676,262,413
Newspapers, total.....	845,687,137	861,688,664	1,073,119,362
Subscriptions and sales.....	306,192,204	287,508,458	275,781,131
Advertising.....	539,494,843	574,180,206	797,338,231
Published only, total.....	11,755,296	10,274,285	10,263,301
Subscriptions and sales.....	2,499,347	1,825,271	2,590,231
Advertising.....	9,255,949	8,449,014	7,673,070
Printed and published, total.....	833,931,841	851,414,379	1,062,856,061
Subscriptions and sales.....	303,692,947	285,683,187	273,190,900
Advertising.....	530,238,894	565,731,192	789,665,161
Periodicals, total.....	409,027,425	407,834,974	507,445,461
Subscriptions and sales.....	184,572,008	171,960,886	184,545,297
Advertising.....	224,455,417	235,874,088	322,900,164
Published only, total.....	246,363,774	238,646,187	262,063,103
Subscriptions and sales.....	112,685,437	102,515,057	106,568,947
Advertising.....	133,678,337	136,131,130	155,494,156
Printed and published, total.....	162,663,651	169,188,787	245,382,358
Subscriptions and sales.....	71,886,571	69,445,829	77,976,350
Advertising.....	90,777,080	99,742,958	167,406,008
Books, total ²	239,987,109	230,738,698	243,867,063
Published only.....	116,868,096	117,912,291	136,926,089
Printed and published.....	32,512,248	41,955,588	48,943,458
Printed for publication by others ^{2,3,4}	90,606,765	70,870,819	57,997,516
Pamphlets, total ²	14,999,676	8,388,982	13,145,153
Published only.....	10,273,578	3,876,187	6,458,524
Printed and published.....	4,726,098	4,512,795	6,086,629
Printed for publication by others ^{2,3}	(⁵)	(⁵)	(⁵)
Maps, atlases and globe covers, total ²	8,261,588	8,282,811	(⁵)
Published only.....	1,885,320	1,637,648	-----
Printed and published.....	3,078,615	4,856,826	-----
Made for others ^{2,3}	3,297,653	1,788,237	-----
Greeting cards, total ²	44,286,121	32,636,959	(⁵)
Published only.....	6,212,028	-----	-----
Printed and published.....	22,102,066	(⁵)	-----
Printed for others ^{2,3}	15,972,027	-----	-----
Souvenir cards.....	1,411,826	-----	838,685,374
Other commercial printing, total ²	583,755,764	621,044,797	-----
Newspapers and periodicals printed for others ²	87,851,607	81,772,099	71,520,971
Ready prints ²	1,607,123	1,373,425	4,111,532
Music printed for publication by others ^{2,3}	2,289,453	2,661,024	7,16,537,747
Labels (paper, metalized paper, or foil) ⁵	39,124,788	38,811,631	7,353,586
Tags and seals (paper and paperboard) ⁵	13,960,264	13,061,982	-----
Direct mail:.....	-----	-----	-----
Books and pamphlets ³	42,526,201	33,242,049	-----
Letters, circulars, etc.....	20,473,636	22,186,316	-----
Legal.....	8,844,277	7,801,954	-----
Railroad tariff.....	3,906,837	3,571,570	739,131,538
Color (posters, displays, calendars, etc.).....	25,063,302	19,649,233	-----
Printing on metal.....	187,092	207,170	-----
Bank and general commercial printing.....	337,921,184	396,706,344	-----
Manufacturing done in printing establishments ⁵	2,185,995	2,446,128	(⁵)

¹ Receipts for bookbinding, electrotyping and stereotyping, engraving, gravure, lithographing and photo-lithographing, machine and hand typesetting, photoengraving, etc., done in establishments engaged primarily in printing and publishing.

² The inclusion of "Books and pamphlets printed for publication by others," "Maps, atlases and globe covers made for others," "Greeting cards printed for others," "Newspapers and periodicals printed for publication by others," "Ready prints," and "Music printed for publication by others" results in duplication in the aggregate value and receipts, as follows: 1939, \$201,627,405; 1937, \$158,465,604. (No separate data available for greeting cards for 1937.) These amounts represent receipts by commercial printers for work done by them for other printers or for publishers, and consequently enter twice into the aggregate value and receipts.

³ For other processes, see report for Books, table 4, footnote 1, p. 708.

⁴ Includes "Pamphlets printed for publication by others."

⁵ Included with "Books, printed for publication by others."

⁶ No data.

⁷ Includes sheet music and books of music published only or printed and published.

⁸ In addition, labels, tags, and seals were produced by methods other than letterpress, as follows: Labels: Lithographing and photo-lithographing—1939, \$27,087,099; 1937, \$24,928,571. Engraving—1939, \$2,454,813; 1937, \$406,835; 1929, figures not available. Tags and seals: Lithographing and photo-lithographing—1939, \$340,403; 1937, \$329,444. Engraving—1939, \$61,929; 1937, \$27,758.

⁹ No data collected for manufacturing done in establishments engaged wholly or chiefly in manufacturing.

NEWSPAPERS

The industries which comprise this subgroup are two—(1) "Newspapers: publishing without printing" and (2) "Newspapers: publishing and printing."

The first industry embraces those establishments engaged primarily in preparing and publishing, but not printing, newspapers.

The second industry, "Newspapers: publishing and printing," covers those establishments engaged pri-

marily in preparing, publishing, and printing newspapers. These establishments carry on the various operations necessary to issue newspapers, including editorial and mechanical departments.

Establishments which specialize in printing newspapers for publishers are included in the industry "General commercial (job) printing."

TABLE 1.—NEWSPAPERS—SUMMARY FOR THE UNITED STATES: 1925 TO 1939

INDUSTRY AND CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
NEWSPAPERS SUBGROUP							
1939.....	7,309	97,251	\$164,718,489	\$232,491,961	\$910,188,611	\$677,696,650	9,709
1937.....	6,980	109,882	185,835,935	221,093,919	922,335,081	701,241,162	(⁴)
NEWSPAPERS: PUBLISHING WITHOUT PRINTING							
1939.....	431	260	363,445	5,314,630	11,963,611	6,648,981	(⁵)
1937.....	343	206	270,616	4,298,588	10,473,340	6,174,752	(⁴)
1935.....	287	112	184,917	2,816,244	7,422,146	4,605,902	(⁶)
1933.....	197	112	161,009	1,754,163	4,755,106	3,000,943	(⁴)
1931.....	296	123	259,932	3,570,429	8,074,763	4,504,334	(⁴)
1929.....	359	148	269,241	4,030,762	10,271,202	6,240,440	(⁶)
1927.....	307	12	20,895	1,560,022	12,231,858	10,671,836	(⁶)
1925.....	277	18	41,344	9,343,088	17,650,920	8,307,832	(⁶)
NEWSPAPERS: PUBLISHING AND PRINTING							
1939.....	6,878	96,991	164,355,044	227,177,331	898,225,000	671,047,669	9,709
1937.....	6,637	109,676	185,565,319	216,795,331	911,861,741	695,066,410	(⁴)
1935.....	6,441	98,891	164,271,147	177,655,782	805,628,310	627,972,528	(⁶)
1933.....	5,434	90,329	138,765,392	149,379,142	696,637,269	547,258,127	(⁴)
1931.....	7,230	97,814	189,489,013	231,728,638	939,567,665	707,839,027	(⁴)
1929.....	8,240	105,510	211,124,210	300,930,976	1,139,626,617	838,695,641	(⁶)
1927.....	7,809	98,133	194,723,170	304,422,218	1,037,082,752	732,660,534	(⁶)
1925.....	7,700	94,299	180,042,748	287,423,029	953,560,056	666,137,027	(⁶)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Not called for on schedule.

⁵ None reported.

⁶ Data not available.

⁷ Does not include cost of contract work.

TABLE 2.—"NEWSPAPERS: PUBLISHING WITHOUT PRINTING"—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	California	Colorado	Connecticut	District of Columbia	Florida	Georgia	Illinois	Indiana
Number of establishments ¹	431	3	48	4	3	3	6	4	34	12
Proprietors and firm members.....	246	3	40	2	2	2	5	3	22	6
Persons reported by manufacturing establishments, total ²	2,532	17	383	23	12	35	19	15	183	51
Salaried officers of corporations ³	184	-----	12	1	2	1	1	2	21	5
Manufacturing:										
Salaried employees ²	1,665	12	204	18	10	30	14	9	128	38
Wage earners (average for the year) ³	200	-----	81	-----	-----	1	1	2	18	-----
Distribution.....	423	5	86	4	-----	3	3	2	16	8
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$3,252,593	\$13,764	\$484,116	\$18,961	\$12,634	\$43,591	\$22,218	\$16,234	\$258,200	\$75,057
Salaried officers ²	460,796	-----	34,491	2,340	2,826	1,300	808	4,182	82,045	18,640
Manufacturing:										
Salaries ²	1,899,202	11,524	203,739	13,068	9,808	39,101	15,619	9,226	135,391	41,662
Wages.....	368,445	-----	124,154	-----	-----	190	105	1,375	21,217	-----
Distribution.....	529,050	2,240	121,732	3,553	-----	3,000	5,626	1,451	19,547	14,755
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	5,314,630	24,225	793,494	32,906	24,804	58,637	22,093	17,445	515,870	107,851
Materials and supplies.....	427,902	407	35,036	120	92	2,814	1,000	1,978	41,643	4,180
Fuel.....	9,006	-----	1,411	-----	-----	-----	-----	45	1,021	103
Purchased electric energy.....	25,893	12	4,766	-----	-----	-----	47	138	2,885	25
Contract work.....	4,851,826	23,806	752,291	32,786	24,712	55,823	21,046	15,284	470,321	103,643
Value of products and receipts.....	11,963,611	51,059	1,652,199	64,488	47,666	136,529	73,281	35,844	1,050,262	229,267
Value added to materials ⁴	6,648,981	26,834	858,705	31,582	22,862	77,892	51,188	18,399	543,392	121,416

See footnotes at end of table.

TABLE 2.—“NEWSPAPERS: PUBLISHING WITHOUT PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES:
1939—Continued

ITEM	Iowa	Louisiana	Maryland	Massachu- setts	Michigan	Minnesota	Missouri	Nebraska	New Jersey	New York
Number of establishments ¹	3	3	6	37	30	6	15	3	32	59
Proprietors and firm members.....	3	3	2	18	18	4	13	5	10	15
Persons reported by manufacturing establish- ments, total ²	2	14	28	147	162	22	56	9	103	493
Salaried officers of corporations ²				18	19	1	5		12	36
Manufacturing:										
Salaried employees ²	2	12	16	99	85	12	44	9	80	322
Wage earners (average for the year) ³				5	35	3			2	44
Distribution.....		2	12	25	23	6	7		9	91
Construction.....										
Other.....										
Salaries and wages, total ²	\$2,162	\$8,208	\$33,885	\$207,229	\$224,766	\$23,657	\$81,206	\$9,332	\$125,156	\$630,258
Salaried officers ²				44,254	39,692	1,820	26,986		23,907	83,070
Manufacturing:										
Salaries ²	2,162	7,361	16,667	118,849	89,634	11,643	46,379	9,332	84,005	381,498
Wages.....				5,576	53,845	3,926			3,077	60,820
Distribution.....		847	17,218	38,550	42,095	6,268	7,841		14,167	104,870
Construction.....										
Other.....										
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	9,968	20,119	67,203	352,979	264,099	32,608	284,299	20,592	232,725	875,980
Materials and supplies.....	2,361	2,273	750	18,521	14,939	1,454	2,383	460	13,501	24,620
Fuel.....		50	70	315	1,015	186	93	64	199	585
Purchased electric energy.....	25	123	141	982	1,632	245	296	60	1,174	5,414
Contract work.....	7,582	17,673	66,242	333,161	246,513	30,723	281,527	20,008	217,851	845,361
Value of products and receipts.....	20,290	41,229	150,648	747,321	712,727	121,766	495,941	44,103	448,745	1,937,273
Value added to materials ⁴	10,322	21,110	83,445	394,342	448,628	89,158	211,642	23,511	216,020	1,061,293

ITEM	North Carolina	Ohio	Pennsyl- vania	South Carolina	Tennessee	Texas	Virginia	West Virginia	Wisconsin	Other States ⁵
Number of establishments ¹	6	22	37	4	4	6	4	4	4	29
Proprietors and firm members.....	7	10	22		2	9	2	2	1	18
Persons reported by manufacturing establish- ments, total ²	16	190	203	14	14	9	7	18	45	241
Salaried officers of corporations ²	3	15	10	5				7	2	6
Manufacturing:										
Salaried employees ²	9	108	128	9	14	8	7	9	32	197
Wage earners (average for the year) ³	2	14	38			1		2	3	7
Distribution.....	2	53	27						8	31
Construction.....										
Other.....										
Salaries and wages, total ²	\$12,490	\$256,102	\$240,995	\$11,687	\$17,944	\$8,553	\$7,759	\$16,772	\$44,627	\$344,970
Salaried officers ²	5,104	42,311	20,775	6,110				4,560	1,560	13,955
Manufacturing:										
Salaries ²	4,686	151,505	127,982	5,577	17,944	6,276	7,759	8,992	31,766	290,147
Wages.....	1,500	11,700	62,217			2,277		3,220	3,670	5,016
Distribution.....	1,200	50,586	30,021						7,631	35,852
Construction.....										
Other.....										
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	20,251	435,888	377,046	24,210	27,927	20,897	14,660	18,973	44,365	572,516
Materials and supplies.....	1,544	89,247	20,145		3,820	460		1,760		142,394
Fuel.....	61	1,183	1,162			65	12	231	316	822
Purchased electric energy.....	599	3,387	1,938			107	81	78	105	1,643
Contract work.....	18,047	342,071	353,801	24,210	24,107	20,265	14,567	16,904	43,944	427,657
Value of products and receipts.....	47,236	972,963	879,049	51,521	59,391	74,023	44,633	47,825	104,420	1,612,912
Value added to materials ⁴	26,985	537,075	502,003	27,311	31,464	53,126	29,973	28,852	60,055	1,040,396

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Arizona, 1 establishment; Arkansas, 1; Delaware, 2; Kentucky, 3; Mississippi, 1; Montana, 1; New Mexico, 2; North Dakota, 1; Oklahoma, 1; Oregon, 2; Rhode Island, 1; Utah, 1; Washington, 12.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—"NEWSPAPERS: PUBLISHING AND PRINTING"—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida
Number of establishments ¹	6,878	82	33	83	447	101	62	13	5	116
Proprietors and firm members.....	5,768	81	21	78	437	98	21	7	5	65
Persons reported by manufacturing establishments, total ²	204,897	1,553	652	1,070	15,573	1,742	3,338	410	3,063	3,024
Salaried officers of corporations ²	4,177	39	19	36	192	50	94	9	6	84
Manufacturing:										
Salaried employees ²	62,396	493	187	280	5,342	475	899	100	975	913
Wage earners (average for the year) ²	96,991	714	290	529	6,497	912	1,582	219	1,177	1,398
Distribution.....	41,025	304	156	225	3,527	301	747	82	905	629
Construction.....	282	2			15		16			
Other.....	26	1				4				
Salaries and wages, total ²	\$379,127,956	\$2,459,735	\$1,289,095	\$1,492,306	\$29,422,702	\$2,879,420	\$5,844,617	\$747,554	\$6,273,407	\$5,188,714
Salaried officers ²	25,315,955	260,934	143,402	142,505	1,342,453	248,918	562,814	51,916	129,168	554,809
Manufacturing:										
Salaries ²	122,113,051	817,853	312,068	424,211	11,018,207	841,763	1,740,214	202,707	2,373,583	1,492,384
Wages.....	164,355,044	985,536	465,477	672,046	11,377,443	1,357,877	2,488,943	361,670	2,408,426	2,134,853
Distribution.....	66,594,277	392,148	368,148	248,376	5,656,008	417,885	1,030,172	131,261	1,362,230	1,006,608
Construction.....	704,144	2,640		5,168	28,591		22,474			
Other.....	46,485	624				12,977				
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	227,177,331	1,564,417	479,836	812,389	15,415,827	2,746,603	2,153,512	304,523	3,564,377	2,438,447
Materials and supplies.....	202,310,974	1,480,669	443,369	752,212	14,174,132	2,450,090	1,952,455	275,132	2,881,872	2,163,719
Fuel.....	2,651,478	13,434	4,088	16,405	118,739	24,567	57,383	4,741	25,937	32,002
Purchased electric energy.....	7,205,049	61,773	29,568	40,573	402,615	78,027	116,934	20,530	67,133	155,278
Contract work.....	15,009,830	8,541	2,511	3,199	720,341	193,919	26,740	4,120	589,385	86,548
Value of products and receipts.....	898,225,000	6,225,502	2,598,948	3,848,381	67,952,464	8,842,812	11,889,012	1,577,226	11,959,345	11,067,913
Value added to materials ⁴	671,047,669	4,661,085	2,119,112	3,035,992	52,536,637	6,096,209	9,735,500	1,272,703	8,394,968	9,529,466

ITEM	Georgia	Idaho	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland
Number of establishments ¹	103	63	399	240	287	209	117	70	46	58
Proprietors and firm members.....	77	59	353	200	325	234	108	48	20	37
Persons reported by manufacturing establishments, total ²	2,673	699	15,228	5,734	4,304	3,255	2,106	1,956	1,204	2,840
Salaried officers of corporations ²	74	23	240	142	113	69	51	49	36	37
Manufacturing:										
Salaried employees ²	749	200	3,787	1,625	1,270	1,021	834	610	358	953
Wage earners (average for the year) ²	1,177	391	7,580	2,981	2,183	1,571	940	939	568	1,312
Distribution.....	673	85	3,608	982	736	594	281	358	242	538
Construction.....			7	4	2					
Other.....			6							
Salaries and wages, total ²	\$4,167,084	\$1,081,935	\$32,389,099	\$9,232,803	\$6,882,126	\$4,606,518	\$3,496,422	\$3,455,302	\$1,821,677	\$5,355,374
Salaried officers ²	290,386	127,338	1,807,600	711,972	651,761	306,677	237,818	273,568	188,487	295,903
Manufacturing:										
Salaries ²	1,188,229	330,489	8,260,424	2,600,341	2,205,425	1,370,170	1,425,587	1,141,151	579,500	1,959,378
Wages.....	1,695,827	529,436	15,163,958	4,428,266	3,046,489	1,983,326	1,387,505	1,494,908	764,977	2,363,660
Distribution.....	992,642	94,672	7,138,359	1,486,188	975,071	946,345	445,502	545,585	288,653	736,424
Construction.....			7,849	6,036	3,380					
Other.....			10,909							
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	2,046,184	393,843	23,532,324	4,974,796	3,758,703	2,807,977	1,957,132	2,182,279	682,508	3,883,880
Materials and supplies.....	1,884,064	345,011	20,128,179	4,366,351	3,305,670	2,509,910	1,705,035	2,103,868	598,393	3,478,936
Fuel.....	28,903	9,464	164,147	82,231	78,404	42,091	21,346	10,204	24,424	31,876
Purchased electric energy.....	85,686	32,638	604,623	212,548	168,999	93,417	84,088	60,614	37,458	100,200
Contract work.....	47,531	6,730	2,635,375	313,666	205,630	162,559	146,663	1,533	22,233	272,868
Value of products and receipts.....	9,093,492	2,353,999	79,290,499	21,908,882	17,130,443	11,984,618	7,996,497	8,587,961	4,052,628	12,369,016
Value added to materials ⁴	7,047,308	1,960,156	55,758,175	10,934,086	13,371,740	9,176,641	6,039,365	6,405,682	3,370,120	8,485,186

See footnotes at end of table.

TABLE 3.—“NEWSPAPERS: PUBLISHING AND PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES: 1939—
Continued

ITEM	Massachu- setts	Michigan	Minnesota	Mississippi	Missouri	Montana	Nebraska	Nevada	New Hampshire	New Jersey
Number of establishments ¹	144	261	273	87	236	80	146	23	35	177
Proprietors and firm members.....	62	228	278	78	226	72	160	18	22	97
Persons reported by manufacturing establish- ments, total ²	9,593	7,878	4,853	792	6,234	972	1,928	197	599	5,539
Salaried officers of corporations ²	162	121	111	43	111	34	45	8	21	166
Manufacturing:										
Salaried employees ²	3,073	2,511	1,395	235	1,413	307	509	76	157	1,784
Wage earners (average for the year) ³	5,045	3,516	2,431	407	3,171	503	965	81	345	2,742
Distribution.....	1,214	1,623	915	107	1,539	128	409	32	75	843
Construction.....	1	100	1						1	4
Other.....	8	7								
Salaries and wages, total ²	\$19,845,695	\$14,670,812	\$7,493,282	\$1,037,850	\$11,446,886	\$1,585,792	\$3,150,321	\$350,654	\$975,680	\$10,861,570
Salaried officers ²	1,119,358	700,430	533,534	138,661	817,265	96,652	261,916	20,473	117,627	1,115,213
Manufacturing:										
Salaries ²	6,867,230	4,885,100	2,081,544	283,188	2,775,408	533,088	696,670	124,338	249,161	3,684,751
Wages.....	9,590,531	6,162,519	3,632,622	488,289	5,310,021	771,692	1,159,474	147,227	495,009	4,752,819
Distribution.....	2,253,497	2,760,805	1,244,552	127,712	2,544,192	184,360	845,204	58,616	111,886	1,302,573
Construction.....	1,785	154,277	1,030				187,057		1,997	6,214
Other.....	13,294	7,681								
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	11,713,807	8,606,121	4,907,281	603,203	7,306,627	641,206	1,745,211	143,405	363,539	4,044,814
Materials and supplies.....	10,236,327	7,984,170	4,449,957	529,530	6,753,237	552,857	1,519,772	122,203	317,900	3,545,388
Fuel.....	132,441	108,018	84,447	9,623	90,165	14,507	39,389	3,559	15,449	135,831
Purchased electric energy.....	351,560	353,587	166,916	44,017	195,354	42,130	79,703	13,006	27,702	172,448
Contract work.....	993,479	160,346	205,961	20,033	267,871	31,712	106,347	4,637	2,488	191,147
Value of products and receipts.....	43,985,352	38,781,397	18,336,004	2,755,761	28,171,482	3,196,483	8,217,052	803,922	1,960,359	21,604,952
Value added to materials ⁴	32,271,545	30,175,276	13,429,323	2,152,558	20,864,855	2,555,277	6,471,841	660,517	1,596,820	17,560,138

ITEM	New Mexico	New York	North Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsyl- vania	Rhode Island	South Carolina
Number of establishments ¹	40	459	131	68	321	154	88	376	14	53
Proprietors and firm members.....	42	287	116	57	232	145	81	255	8	36
Persons reported by manufacturing establish- ments, total ²	405	30,614	2,504	624	12,120	2,906	2,336	17,323	1,132	987
Salaried officers of corporations ²	16	394	89	31	201	84	49	362	23	40
Manufacturing:										
Salaried employees ²	108	9,589	743	189	4,146	965	832	4,932	457	282
Wage earners (average for the year) ³	237	13,995	1,184	338	5,607	1,373	1,003	8,318	532	489
Distribution.....	44	6,543	488	66	2,153	479	452	3,711	120	176
Construction.....		93			13	5				
Other.....										
Salaries and wages, total ²	\$549,350	\$65,771,261	\$3,839,286	\$964,132	\$23,540,837	\$4,209,132	\$3,562,839	\$31,552,184	\$2,498,915	\$1,534,286
Salaried officers ²	37,516	2,846,694	427,772	133,878	1,876,635	400,621	222,931	2,284,451	106,934	192,003
Manufacturing:										
Salaries ²	149,456	23,878,155	1,174,317	289,008	8,197,684	1,296,014	1,297,240	9,062,114	994,946	468,101
Wages.....	308,081	27,436,935	1,571,391	437,952	9,874,540	1,789,835	1,541,085	13,967,419	1,171,049	652,835
Distribution.....	54,297	11,388,394	665,806	103,294	3,560,501	720,816	501,583	6,208,200	225,986	221,347
Construction.....		223,083			31,577	1,846				
Other.....										
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	264,456	48,931,063	2,319,972	420,059	12,072,334	2,209,687	1,950,600	18,616,777	1,186,451	852,267
Materials and supplies.....	235,457	43,101,426	2,115,333	360,204	10,411,722	2,067,895	1,699,539	17,585,318	1,028,169	718,204
Fuel.....	6,071	360,032	69,233	18,226	129,182	34,673	18,882	216,880	11,850	8,077
Purchased electric energy.....	21,769	1,060,101	101,663	34,766	375,945	99,869	83,842	550,212	43,221	42,408
Contract work.....	1,159	4,409,504	33,743	6,863	1,155,485	7,250	148,397	264,367	103,211	83,578
Value of products and receipts.....	1,456,759	157,519,634	9,302,245	2,255,874	55,938,843	10,288,965	8,633,365	76,658,846	5,765,540	3,667,993
Value added to materials ⁴	1,192,303	108,588,571	6,982,273	1,835,815	43,866,509	8,079,278	6,682,705	58,042,069	4,579,089	2,815,726

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—"NEWSPAPERS: PUBLISHING AND PRINTING"—GENERAL STATISTICS IN DETAIL BY STATES: 1939—
Continued

ITEM	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming
Number of establishments ¹	80	92	362	31	27	98	128	87	230	43
Proprietors and firm members.....	70	87	353	23	19	61	110	53	180	38
Persons reported by manufacturing establish- ments, total ²	701	2,566	7,573	946	500	2,331	3,381	1,774	4,801	396
Salaried officers of corporations ²	36	43	191	15	20	86	65	44	182	21
Manufacturing:										
Salaried employees ²	184	774	2,097	412	145	658	1,117	523	1,535	127
Wage earners (average for the year) ³	393	1,325	3,468	389	237	1,085	1,467	833	2,306	193
Distribution.....	87	424	1,808	130	48	502	732	374	780	50
Construction.....	1		9						8	
Other.....										
Salaries and wages, total ²	\$964,907	\$4,137,953	\$12,008,414	\$1,532,122	\$677,302	\$3,911,328	\$6,067,742	\$2,720,087	\$8,047,152	\$634,205
Salaried officers ²	134,387	195,001	930,087	62,444	73,591	442,321	374,709	240,630	970,106	113,636
Manufacturing:										
Salaries ²	248,356	1,231,231	3,672,089	643,725	195,106	1,199,946	1,867,842	716,893	2,873,820	162,776
Wages.....	461,915	2,004,445	5,062,511	544,453	331,017	1,615,725	2,525,495	1,302,693	3,848,054	285,189
Distribution.....	120,149	707,276	2,335,448	279,654	76,988	653,336	1,299,696	459,871	1,245,267	72,604
Construction.....	100		8,279	1,846					8,615	
Other.....										
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	690,211	2,479,360	6,926,328	940,453	219,100	2,107,749	3,068,462	1,068,776	4,856,022	222,373
Materials and supplies.....	626,858	2,346,792	6,283,578	889,034	185,886	1,836,187	2,690,574	969,632	3,653,970	194,788
Fuel.....	19,991	26,017	78,924	6,251	9,992	34,864	32,326	30,562	100,935	7,735
Purchased electric energy.....	33,838	78,130	253,150	44,465	18,000	32,104	108,174	53,223	192,847	17,847
Contract work.....	9,524	28,421	310,676	703	5,222	144,564	237,388	15,350	608,270	2,003
Value of products and receipts.....	2,331,580	10,714,622	28,779,404	3,823,781	1,379,705	9,270,999	13,091,936	6,122,603	20,513,625	1,265,670
Value added to materials ⁴	1,641,369	8,235,262	21,853,076	2,883,328	1,160,605	7,163,250	10,023,474	5,053,827	15,657,603	1,043,306

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.TABLE 4.—NEWSPAPERS—VALUE OF PRODUCTS AND RECEIPTS FOR THE
UNITED STATES: 1939, 1937, AND 1929

	1939	1937	1929
"Newspapers: publishing without printing" and "Newspapers: publishing and printing" industries, all products and receipts, total value.....	\$910,188,611	\$922,335,081	\$1,149,897,819
Newspapers published only, and published and printed in these industries.....	845,687,137	861,688,064	1,073,119,362
Receipts for subscriptions and sales.....	306,192,294	287,508,458	275,781,131
Receipts for advertising.....	539,494,843	574,180,206	797,338,231
Products not classified in these industries.....	164,501,474	60,646,417	76,778,457
"Newspapers: publishing without printing" industry, all products and receipts, total value.....	11,963,611	10,473,340	10,271,202
Newspapers published only in this industry.....	11,755,296	10,274,285	10,263,301
Receipts for subscriptions and sales.....	2,499,347	1,825,271	2,590,231
Receipts for advertising.....	9,255,949	8,449,014	7,673,070
Products not classified in this industry.....	208,315	199,055	7,901
"Newspapers: publishing and printing" industry, all products and receipts, total value.....	898,225,000	911,861,741	1,139,626,617
Newspapers published and printed in this industry.....	833,931,841	851,414,379	1,062,856,061
Receipts for subscriptions and sales.....	303,692,947	285,683,187	273,190,900
Receipts for advertising.....	530,238,894	565,731,192	789,665,161
Products not classified in this industry.....	64,293,159	60,447,362	76,770,556

¹ Periodicals, books, and pamphlets, published only, and printed and published; newspapers and periodicals printed for others; labels (paper, metalized paper, or foil); tags and seals (paper and paperboard); color (posters, displays, calendars, etc.); electrotyping and stereotyping; composition (hand and machine) sold to trade; photoengraving and photoengraved plates made for others; and general commercial printing.

TABLE 5.—NEWSPAPERS—RECEIPTS, BY KIND AND VALUE, BY STATES: 1939

	Total	Subscriptions and sales	Advertising		Total	Subscriptions and sales	Advertising
United States.....	\$845,687,137	\$306,192,294	\$539,494,843	Nebraska.....	7,238,543	\$2,514,103	\$4,724,440
Alabama.....	5,872,330	2,003,886	3,868,444	Nevada.....	664,180	182,146	482,034
Arizona.....	2,284,520	646,135	1,638,385	New Hampshire.....	1,623,610	456,782	1,166,828
Arkansas.....	3,393,127	1,184,197	2,208,930	New Jersey.....	19,928,422	5,604,220	14,324,202
California.....	63,888,019	21,818,767	42,069,252	New Mexico.....	1,246,331	306,495	939,836
Colorado.....	8,242,474	2,640,063	5,602,411	New York.....	152,970,584	65,050,133	87,920,451
Connecticut.....	11,350,923	3,602,854	7,748,069	North Carolina.....	8,695,168	2,995,750	5,699,418
Delaware.....	1,409,533	366,083	1,043,450	North Dakota.....	1,847,543	577,229	1,270,314
District of Columbia.....	12,003,933	3,312,282	8,691,651	Ohio.....	54,368,465	18,522,846	35,845,619
Florida.....	11,042,038	3,342,827	7,699,211	Oklahoma.....	9,363,011	2,877,971	6,485,040
Georgia.....	8,506,112	3,368,877	5,137,235	Oregon.....	8,112,635	2,845,736	5,266,899
Idaho.....	1,914,295	538,260	1,376,035	Pennsylvania.....	73,611,576	28,670,750	44,940,826
Illinois.....	72,385,168	28,825,803	43,559,365	Rhode Island.....	5,727,438	1,743,791	3,983,667
Indiana.....	20,682,444	6,431,725	14,250,719	South Carolina.....	3,405,905	1,170,757	2,235,148
Iowa.....	15,577,675	5,944,064	9,633,611	South Dakota.....	1,921,355	645,398	1,275,957
Kansas.....	7,575,392	2,160,877	5,414,515	Tennessee.....	10,427,537	4,037,750	6,389,787
Kentucky.....	7,620,869	2,523,830	5,097,039	Texas.....	27,333,218	7,751,049	19,582,169
Louisiana.....	8,182,768	2,814,220	5,368,548	Utah.....	3,254,072	1,024,231	2,229,841
Maine.....	3,611,938	1,442,933	2,169,005	Vermont.....	1,276,585	375,206	901,379
Maryland.....	12,065,945	3,946,283	8,119,662	Virginia.....	8,903,284	2,740,669	6,162,615
Massachusetts.....	41,179,925	16,369,452	24,810,473	Washington.....	13,492,916	5,053,266	8,439,650
Michigan.....	37,204,529	13,222,952	23,981,577	West Virginia.....	5,847,164	2,079,993	3,767,171
Minnesota.....	16,656,808	5,233,187	11,423,621	Wisconsin.....	18,040,439	6,853,527	11,186,912
Mississippi.....	2,292,802	561,756	1,731,046	Wyoming.....	1,059,847	207,212	852,635
Missouri.....	27,823,444	8,757,463	19,065,981				
Montana.....	2,580,278	846,508	1,733,770				

TABLE 6.—NEWSPAPERS—DISTRIBUTION OF RECEIPTS FOR SUBSCRIPTIONS AND SALES AND FOR ADVERTISING, BY PERIOD OF ISSUE, FOR THE UNITED STATES: 1939

	Number of publications	Aggregate circulation per issue ¹	RECEIPTS		
			Total	Subscriptions and sales	Advertising
Total.....	9,173	96,476,469	\$845,687,137	\$306,192,294	\$539,494,843
Receipts distributed.....	8,181	72,110,766	622,405,928	227,931,415	394,474,513
Receipts undistributed.....	992	24,365,703	223,281,209	78,260,879	145,020,330
<i>Period of issue</i>					
Daily (a. m.) excluding Sunday.....	473	17,152,298			
Receipts distributed.....	290	11,679,193	138,461,222	57,032,010	81,429,212
Receipts undistributed.....	183	5,473,105	(?)	(?)	(?)
Daily (p. m.) excluding Sunday.....	1,567	25,813,827			
Receipts distributed.....	1,247	19,241,304	305,877,814	98,923,724	206,954,090
Receipts undistributed.....	320	6,572,523	(?)	(?)	(?)
Sunday.....	542	33,006,875			
Receipts distributed.....	216	22,064,267	117,068,170	59,682,970	57,385,200
Receipts undistributed.....	326	10,942,608	(?)	(?)	(?)
Weekly.....	6,212	18,294,604			
Receipts distributed.....	6,075	17,022,693	53,435,347	11,194,235	42,241,112
Receipts undistributed.....	137	1,271,911	(?)	(?)	(?)
Semiweekly.....	343	1,989,744			
Receipts distributed.....	318	1,884,688	6,503,742	933,817	5,570,425
Receipts undistributed.....	25	105,056	(?)	(?)	(?)

¹ Calculated by totaling returns for average circulation per issue as made for individual publications.

² Included in total for receipts undistributed by period of issue, due to the fact that many publishers of two or more newspapers of different periods of issue were unable to supply separate data for receipts for each period of issue.

³ Sunday editions of daily newspapers.

TABLE 6.—NEWSPAPERS—DISTRIBUTION OF RECEIPTS FOR SUBSCRIPTIONS AND SALES AND FOR ADVERTISING, BY PERIOD OF ISSUE, FOR THE UNITED STATES: 1939—Continued

	Number of publications	Aggregate circulation per issue ¹	RECEIPTS		
			Total	Subscriptions and sales	Advertising
Triweekly.....	36	219,121			
Receipts distributed.....	35	218,021	\$1,059,633	\$215,159	\$844,474
Receipts undistributed.....	1	500	(?)	(?)	(?)

For footnotes see first column.

TABLE 7.—NEWSPAPERS PUBLISHED, BY PERIOD OF ISSUE, NUMBER, AND CIRCULATION, FOR THE UNITED STATES: 1929 TO 1939

	1939	1937	1935	1933	1931	1929
Aggregate number.....	9,173	8,826	8,266	6,884	9,209	10,176
Aggregate circulation per issue ¹	96,476,469	95,296,150	87,096,149	76,298,620	86,457,458	91,778,033
Daily (excluding Sunday):						
Morning:						
Number.....	473	505	464	432	455	459
Circulation.....	17,152,298	17,311,078	15,983,996	14,781,657	15,480,287	15,741,769
Evening:						
Number.....	1,567	1,560	1,573	1,471	1,589	1,627
Circulation.....	25,813,827	26,033,858	24,886,550	22,848,688	25,813,372	26,273,692
Sunday:						
Number.....	542	528	523	489	555	578
Circulation.....	33,006,875	32,713,298	29,196,006	25,453,894	27,453,465	29,011,648
Weekly:						
Number.....	6,212	5,839	5,337	4,218	6,313	7,075
Circulation.....	18,294,604	17,286,731	15,185,366	12,048,317	16,173,234	18,883,551
Semiweekly:						
Number.....	343	348	332	240	339	381
Circulation.....	1,989,744	1,719,820	1,723,630	1,025,567	1,352,720	1,580,221
Triweekly:						
Number.....	36	46	37	34	48	56
Circulation.....	219,121	231,365	120,601	140,497	184,380	287,152

¹ Calculated by totaling returns for average circulation per issue as made for individual publications.

² Revised.

³ See "Effect of \$5,000 limit on coverage," p. 682.

CENSUS OF MANUFACTURES: 1939

TABLE 8.—DAILY NEWSPAPERS—NUMBER, BY STATES: 1929 TO 1939

	NUMBER ¹											
	Morning						Evening					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
United States.....	473	505	464	432	455	459	1,567	1,560	1,573	1,471	1,589	1,627
Alabama.....	3	4	3	3	3	3	17	18	18	18	18	18
Arizona.....	5	5	5	6	7	7	7	8	7	6	8	10
Arkansas.....	5	5	5	5	5	5	31	30	31	24	27	28
California.....	46	43	45	42	47	52	108	111	112	105	111	117
Colorado.....	8	9	7	7	6	5	25	24	26	22	24	24
Connecticut.....	6	6	7	7	6	6	23	23	22	23	26	26
Delaware.....	1	1	1	1	1	1	1	1	1	3	2	2
District of Columbia.....	3	3	3	3	4	4	4	3	4	4	4	4
Florida.....	14	17	13	12	12	10	29	32	33	26	28	30
Georgia.....	7	8	7	6	5	5	22	19	23	17	20	20
Idaho.....	5	4	4	4	5	6	14	13	15	13	14	10
Illinois.....	22	21	17	19	24	22	90	88	88	88	91	98
Indiana.....	17	19	15	11	13	16	83	81	87	79	88	89
Iowa.....	2	3	5	3	4	5	43	41	40	41	43	28
Kansas.....	6	8	8	6	6	7	53	51	52	47	48	52
Kentucky.....	7	10	7	5	9	8	22	22	23	19	22	22
Louisiana.....	5	5	6	5	5	5	12	12	10	11	10	10
Maine.....	5	5	5	5	5	5	6	7	7	6	6	6
Maryland.....	4	5	4	4	4	5	9	9	9	10	10	10
Massachusetts.....	12	14	15	13	12	14	51	56	52	56	60	60
Michigan.....	5	5	5	6	7	6	54	54	54	51	55	58
Minnesota.....	6	8	8	7	6	4	32	29	28	30	34	34
Mississippi.....	5	7	4	5	2	3	16	13	13	12	13	11
Missouri.....	10	11	11	10	10	10	47	47	47	44	51	51
Montana.....	12	10	13	10	10	11	13	10	8	9	10	9

TABLE 8.—DAILY NEWSPAPERS—NUMBER, BY STATES: 1929 TO 1939—Continued

	NUMBER ¹											
	Morning						Evening					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
Nebraska.....	9	9	7	6	6	7	17	16	19	16	17	17
Nevada.....	1	2	2	1	2	2	7	5	6	7	7	7
New Hampshire.....	1	1	1	2	2	1	9	9	10	9	10	10
New Jersey.....	8	11	8	10	9	7	31	28	28	22	28	31
New Mexico.....	3	2	2	2	2	2	15	13	12	9	8	7
New York.....	46	50	48	49	50	51	94	93	95	95	103	107
North Carolina.....	12	13	10	7	9	10	28	29	27	25	28	27
North Dakota.....	2	3	3	2	2	3	9	9	8	9	10	8
Ohio.....	19	23	21	19	18	20	101	101	109	100	116	114
Oklahoma.....	13	17	13	11	12	10	48	50	49	42	45	48
Oregon.....	7	5	5	4	6	7	17	19	20	18	19	21
Pennsylvania.....	37	41	38	39	36	35	109	112	107	109	113	120
Rhode Island.....	2	2	2	2	2	2	7	8	8	8	8	9
South Carolina.....	7	9	6	6	6	6	9	7	10	7	8	10
South Dakota.....	4	2	2	3	3	2	13	15	15	10	12	12
Tennessee.....	6	8	5	4	5	5	18	20	18	21	20	17
Texas.....	31	25	25	24	32	26	98	94	98	82	86	91
Utah.....	2	2	2	2	1	1	5	5	5	5	6	7
Vermont.....	2	3	2	2	2	2	9	7	7	8	7	7
Virginia.....	10	11	10	10	10	8	20	20	20	17	19	21
Washington.....	8	10	10	8	10	10	24	25	27	28	26	26
West Virginia.....	9	9	9	10	10	10	22	23	23	20	22	21
Wisconsin.....	5	3	4	4	2	6	42	44	39	40	46	47
Wyoming.....	8	8	5	5	1	1	5	6	6	5	5	5

¹ See "Number of publications and aggregate circulation per issue," p. 682.

TABLE 9.—DAILY NEWSPAPERS—CIRCULATION BY STATES: 1929 TO 1939

	AGGREGATE CIRCULATION PER ISSUE ¹											
	Morning						Evening					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
United States.....	17,152,298	17,311,078	15,983,996	14,781,657	15,480,287	15,741,769	25,813,827	26,033,858	24,886,550	22,848,688	25,813,372	26,273,602
Alabama.....	98,063	159,481	86,343	76,536	84,610	92,000	286,300	235,636	261,087	218,458	264,159	261,092
Arizona.....	54,870	55,066	50,009	48,292	52,723	53,906	40,543	37,984	39,216	27,093	34,451	45,823
Arkansas.....	86,937	86,178	79,826	69,467	70,720	74,041	130,132	120,054	107,870	98,617	101,405	98,317
California.....	1,110,470	1,051,460	917,901	919,873	1,068,453	1,076,417	1,403,715	1,440,312	1,438,212	1,242,520	1,443,607	1,488,391
Colorado.....	64,626	67,557	64,308	51,763	58,868	64,887	240,044	240,276	260,006	227,691	241,181	233,041
Connecticut.....	119,041	118,842	120,030	106,803	110,955	112,522	369,286	362,809	331,062	317,066	359,697	352,309
Delaware.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Dist. of Columbia.....	238,280	231,431	209,900	151,322	185,861	171,985	309,476	302,560	320,682	280,935	201,028	272,264
Florida.....	302,293	268,896	225,639	238,118	184,067	158,124	239,964	233,415	208,970	108,346	180,620	236,337
Georgia.....	202,303	207,526	186,966	160,823	161,272	170,206	303,886	321,147	308,725	248,336	267,820	266,500
Idaho.....	38,395	36,857	35,412	29,637	32,709	45,307	62,585	59,851	58,214	50,355	49,516	37,878
Illinois.....	1,624,614	1,468,028	1,751,404	1,385,771	1,605,280	1,715,456	2,182,155	2,036,810	1,821,582	1,662,997	1,946,585	2,067,614
Indiana.....	338,050	348,055	331,445	235,132	296,704	334,439	890,804	821,021	770,246	725,200	756,282	767,300
Iowa.....	(2)	209,213	210,653	168,734	178,416	193,978	566,094	571,534	502,505	559,827	540,845	540,845
Kansas.....	125,766	134,970	125,234	109,395	119,912	126,093	346,036	359,578	323,833	303,241	317,162	310,748
Kentucky.....	163,029	160,254	149,073	134,735	141,871	148,384	262,489	271,910	268,986	243,584	267,529	307,675
Louisiana.....	206,045	216,091	203,938	191,520	189,376	193,882	205,861	192,469	182,752	160,488	170,454	182,721
Maine.....	111,416	116,434	104,919	97,447	101,149	109,546	64,878	77,473	74,918	71,888	84,580	83,097
Maryland.....	161,446	168,019	38,068	155,798	165,518	167,936	400,728	416,066	382,464	392,285	419,832	126,915
Massachusetts.....	1,135,020	1,196,017	1,152,651	1,112,872	1,116,943	1,091,665	1,435,193	1,350,161	1,292,927	1,458,189	1,445,793	1,445,793
Michigan.....	360,511	334,519	289,231	248,114	347,693	308,150	1,278,920	1,282,336	1,175,745	1,025,394	1,158,800	1,334,504
Minnesota.....	214,012	212,862	190,643	176,306	184,074	188,690	749,229	613,198	627,703	555,761	607,837	590,979
Mississippi.....	41,431	52,255	40,434	30,040	20,108	23,616	111,947	146,395	97,380	79,038	91,770	74,141
Missouri.....	628,789	617,641	605,609	609,639	644,479	635,893	988,713	1,001,108	974,951	983,956	1,049,187	1,091,155
Montana.....	81,467	74,815	77,889	59,457	62,459	70,678	43,676	37,879	29,782	31,101	38,316	37,970
Nebraska.....	149,975	126,928	156,737	93,467	137,324	168,316	218,244	202,134	306,541	265,681	234,438	245,003
Nevada.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
New Hampshire.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
New Jersey.....	160,237	189,205	159,770	247,232	187,724	183,214	614,964	666,738	637,760	543,255	702,546	714,484
New Mexico.....	23,273	(2)	(2)	(2)	(2)	(2)	63,783	49,521	42,368	37,524	41,602	33,087
New York.....	4,568,561	4,822,265	4,244,567	4,168,334	4,058,703	4,122,395	3,332,313	3,585,273	3,438,859	3,234,420	3,865,400	3,960,177
North Carolina.....	284,101	279,615	228,530	177,690	176,836	197,773	223,232	222,611	189,335	161,087	175,498	185,858
North Dakota.....	(2)	37,225	32,345	26,961	26,804	32,443	56,993	55,417	51,995	49,320	54,874	49,174
Ohio.....	587,097	588,061	622,327	500,386	533,887	608,867	2,141,205	2,099,323	2,024,545	1,877,614	2,210,973	2,299,927
Oklahoma.....	242,604	247,560	238,110	222,098	236,174	154,389	341,807	371,469	362,163	323,229	352,720	365,874
Oregon.....	154,589	136,065	122,046	106,002	125,670	136,858	267,588	254,480	252,346	233,940	254,232	281,111
Pennsylvania.....	1,271,097	1,336,087	1,149,592	1,148,700	1,166,472	1,237,600	2,259,290	2,323,590	2,227,191	2,028,255	2,380,742	2,398,202
Rhode Island.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
South Carolina.....	135,231	125,554	103,565	87,892	92,039	92,495	92,424	72,610	72,035	52,048	62,910	85,998
South Dakota.....	12,929	(2)	(2)	9,285	11,825	8,844	97,768	98,773	98,894	72,710	73,027	69,72

TABLE 10.—SUNDAY NEWSPAPERS—NUMBER BY STATES: 1929 TO 1939

	NUMBER ¹							NUMBER ¹					
	1939	1937	1935	1933	1931	1929		1939	1937	1935	1933	1931	1929
United States.....	542	528	523	489	555	578	Nevada.....	1	1	1	1	2	2
Alabama.....	9	10	8	9	9	10	New Jersey.....	6	5	4	7	6	9
Arizona.....	4	4	5	6	5	9	New Mexico.....	7	3	3	3	2	2
Arkansas.....	8	7	5	8	9	9	New York.....	35	37	38	41	42	44
California.....	40	37	40	36	47	48	North Carolina.....	13	12	13	11	11	14
Colorado.....	7	7	7	10	9	8	North Dakota.....	2	2	2	2	2	2
Connecticut.....	5	5	5	6	5	4	Ohio.....	27	22	24	20	29	34
District of Columbia.....	3	3	3	3	3	3	Oklahoma.....	36	45	38	31	34	28
Florida.....	21	21	22	21	19	19	Oregon.....	8	7	7	7	8	9
Georgia.....	15	15	13	12	15	19	Pennsylvania.....	13	15	12	14	15	15
Idaho.....	5	2	4	4	6	6	Rhode Island.....	2	1	2	2	2	4
Illinois.....	27	26	22	24	26	26	South Carolina.....	7	8	7	5	8	7
Indiana.....	15	16	17	16	15	17	South Dakota.....	3	3	3	3	3	3
Iowa.....	7	8	7	7	8	8	Tennessee.....	11	12	10	9	9	9
Kansas.....	11	10	8	9	9	9	Texas.....	64	53	62	43	55	56
Kentucky.....	10	9	11	8	10	12	Utah.....	3	3	3	2	5	5
Louisiana.....	5	4	5	7	6	6	Virginia.....	11	11	11	10	11	11
Maine.....	1	1	1	1	1	1	Washington.....	8	10	12	7	12	12
Maryland.....	4	4	3	3	3	3	West Virginia.....	9	9	9	9	9	10
Massachusetts.....	10	12	11	10	13	14	Wisconsin.....	9	8	7	7	9	9
Michigan.....	15	15	13	12	16	15	Wyoming.....	4	4	2	1	3	2
Minnesota.....	6	7	8	7	7	7							
Mississippi.....	6	5	4	5	4	6							
Missouri.....	13	12	14	13	14	13							
Montana.....	11	11	10	9	10	10							
Nebraska.....	5	6	7	8	9	9							

¹ See "Number of publications and aggregate circulation per issue," p. 682.

TABLE 11.—SUNDAY NEWSPAPERS—CIRCULATION BY STATES: 1929 TO 1939

	AGGREGATE CIRCULATION PER ISSUE ¹							AGGREGATE CIRCULATION PER ISSUE ¹					
	1939	1937	1935	1933	1931	1929		1939	1937	1935	1933	1931	1929
United States.....	33,006,875	32,713,298	29,196,006	25,453,894	27,453,465	29,011,648	Nevada.....	(²)	(²)	(²)	(²)	(²)	(²)
Alabama.....	249,942	253,428	201,434	192,492	305,889	239,905	New Jersey.....	136,753	127,093	67,753	125,369	137,647	221,695
Arizona.....	61,835	58,986	53,213	48,846	54,566	62,606	New Mexico.....	41,889	23,311	19,143	19,174	(²)	(²)
Arkansas.....	175,846	165,465	134,315	136,742	135,715	141,367	New York.....	8,977,582	9,520,543	7,962,261	6,649,514	6,291,477	6,645,286
California.....	1,975,175	1,976,556	1,809,384	1,553,604	1,691,367	1,737,582	North Carolina.....	371,744	276,688	292,898	232,893	233,027	266,195
Colorado.....	365,021	399,196	404,809	424,816	416,632	400,913	North Dakota.....	(²)	(²)	(²)	(²)	(²)	(²)
Connecticut.....	199,125	182,854	168,412	220,851	175,644	162,998	Ohio.....	1,484,176	1,263,022	1,214,634	1,023,723	1,362,377	1,487,840
District of Colum- bia.....	474,252	457,177	423,935	339,520	343,257	333,441	Oklahoma.....	485,119	512,302	462,710	395,459	400,522	389,121
Florida.....	403,363	337,683	314,427	322,724	266,958	284,304	Oregon.....	315,492	300,180	278,570	307,962	331,520	337,597
Georgia.....	553,783	589,944	555,352	475,310	519,837	577,834	Pennsylvania.....	2,379,854	2,244,736	1,833,247	1,751,849	1,867,415	1,956,536
Idaho.....	50,023	27,701	36,175	29,618	52,143	56,313	Rhode Island.....	(²)	(²)	(²)	(²)	98,183	138,613
Illinois.....	2,998,044	2,978,648	2,778,221	2,418,394	2,679,943	2,904,831	South Carolina.....	142,596	131,567	120,710	77,085	114,429	108,850
Indiana.....	510,263	502,756	444,165	379,610	404,719	447,398	South Dakota.....	33,465	28,700	31,325	41,515	45,150	46,690
Iowa.....	530,830	513,401	478,446	380,558	390,262	383,284	Tennessee.....	512,860	529,072	443,479	358,368	395,406	387,819
Kansas.....	289,022	300,945	253,752	235,979	242,801	240,053	Texas.....	1,249,288	1,162,153	1,047,341	787,607	1,001,808	1,052,287
Kentucky.....	306,226	277,219	262,066	217,314	274,437	369,010	Utah.....	112,209	105,816	89,487	(²)	(²)	(²)
Louisiana.....	321,637	308,303	295,481	443,428	370,681	383,769	Virginia.....	262,657	245,431	219,680	194,518	209,253	210,758
Maine.....	(²)	(²)	(²)	(²)	(²)	(²)	Washington.....	492,863	514,996	458,981	313,522	431,203	454,874
Maryland.....	419,380	472,036	441,444	395,570	408,825	384,659	West Virginia.....	251,205	241,557	206,183	148,633	148,145	184,684
Massachusetts.....	1,469,734	1,546,895	1,476,843	1,335,145	1,552,372	1,665,003	Wisconsin.....	580,773	544,947	483,395	433,878	525,271	544,395
Michigan.....	1,392,706	1,373,332	1,155,133	933,519	1,263,975	1,361,399	Wyoming.....	26,783	26,275	(²)	(²)	(²)	(²)
Minnesota.....	678,685	546,637	584,814	488,977	578,154	578,136	Other States ³	229,927	213,610	207,037	218,387	283,436	290,641
Mississippi.....	94,933	90,596	87,342	72,541	(²)	(²)							
Missouri.....	1,058,331	1,022,800	996,109	949,661	1,063,293	1,147,909							
Montana.....	103,288	96,583	88,406	67,619	80,640	87,596							
Nebraska.....	238,196	222,158	313,494	311,600	305,086	337,457							

¹ Calculated by totaling returns for average circulation per issue as made for individual publications. See "Number of publications and aggregate circulation per issue," p. 682.

² Included in figures for "Other States" to avoid disclosing data for individual printers and publishers.

³ Includes figures covered by footnote 2.

CENSUS OF MANUFACTURES: 1939

TABLE 12.—WEEKLY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATES: 1929 TO 1939

[As the Biennial Census canvass is confined to establishments whose value of products and receipts during the census year amounted to \$5,000 or more, many small weekly newspapers were excluded]

	NUMBER						AGGREGATE CIRCULATION PER ISSUE ¹					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
United States.....	6,212	5,839	5,337	4,218	6,313	7,075	18,294,604	17,286,731	15,185,366	12,048,317	16,173,234	18,883,551
Alabama.....	72	73	66	33	73	95	126,543	144,345	122,629	54,895	106,595	410,836
Arizona.....	28	26	24	17	32	21	39,819	33,849	52,827	19,222	35,411	37,269
Arkansas.....	71	61	52	37	72	106	108,744	121,698	116,775	63,212	103,845	157,061
California.....	404	375	351	243	373	366	1,360,669	1,240,841	1,122,171	718,803	824,725	780,836
Colorado.....	90	73	66	53	101	121	246,555	106,861	156,691	67,738	106,090	185,472
Connecticut.....	44	45	43	35	45	48	150,662	162,211	147,027	86,298	167,060	173,102
Delaware.....	14	11	9	9	12	13	51,444	37,587	29,349	26,927	40,315	43,145
District of Columbia.....	3	5	4	4	4	6	32,081	20,050	26,382	20,500	29,500	26,500
Florida.....	93	84	94	52	85	103	161,396	150,380	189,777	87,476	145,881	192,276
Georgia.....	94	78	85	86	102	128	157,099	148,924	151,434	145,537	177,095	226,857
Idaho.....	56	46	47	28	53	70	71,094	54,143	52,035	35,213	54,096	69,471
Illinois.....	398	401	364	283	449	437	1,981,125	1,695,204	1,672,469	1,669,335	1,955,007	1,644,620
Indiana.....	188	157	159	113	169	179	459,741	331,981	351,324	233,521	310,897	347,638
Iowa.....	266	236	215	177	276	293	476,143	447,612	453,578	352,516	475,692	526,476
Kansas.....	170	165	153	143	206	249	707,883	703,419	714,639	583,394	686,088	797,950
Kentucky.....	92	90	90	58	78	113	185,470	177,570	186,638	149,701	160,827	231,643
Louisiana.....	64	56	48	43	57	62	119,070	98,467	83,785	77,568	101,995	141,823
Maine.....	36	35	32	32	39	40	67,747	64,244	63,142	61,432	71,850	78,549
Maryland.....	61	66	49	44	56	54	312,828	282,392	276,582	198,208	156,906	155,374
Massachusetts.....	160	154	151	134	152	146	815,082	741,252	593,294	479,480	489,638	498,544
Michigan.....	268	218	219	165	244	274	951,411	609,785	565,855	407,994	500,942	818,049
Minnesota.....	261	263	254	216	289	311	702,188	644,715	581,760	402,549	551,149	721,970
Mississippi.....	70	56	58	37	58	86	114,378	87,348	95,973	61,276	87,136	136,149
Missouri.....	228	186	170	145	206	258	1,241,644	1,010,438	912,270	813,834	906,355	967,067
Montana.....	68	58	65	48	65	79	87,924	83,099	93,120	68,240	81,485	183,108
Nebraska.....	129	130	128	105	182	208	251,327	255,285	237,924	227,765	273,216	345,849
Nevada.....	16	14	11	9	9	13	12,649	11,773	8,755	10,983	6,704	11,595
New Hampshire.....	32	32	32	27	37	37	53,599	48,756	53,270	45,684	61,141	68,390
New Jersey.....	225	223	191	146	200	192	732,953	582,699	543,939	436,775	521,011	530,531
New Mexico.....	29	23	19	17	26	37	52,475	30,578	22,882	25,776	31,051	55,507
New York.....	465	452	402	345	481	501	1,547,071	1,765,014	1,318,253	1,213,059	2,560,271	2,644,066
North Carolina.....	87	75	81	53	51	98	183,420	139,185	163,187	98,137	145,515	193,583
North Dakota.....	60	64	49	48	71	89	99,947	109,258	99,843	84,046	120,881	177,900
Ohio.....	260	236	198	158	262	271	994,686	911,057	550,588	470,865	632,008	782,443
Oklahoma.....	128	131	113	86	131	175	229,535	326,563	214,992	208,853	263,645	264,106
Oregon.....	72	70	61	36	74	92	109,751	110,460	126,154	62,787	119,016	136,108
Pennsylvania.....	298	301	285	250	324	335	1,110,090	1,807,373	1,185,395	891,598	1,073,571	1,509,770
Rhode Island.....	6	6	7	7	12	12	23,575	11,748	13,410	20,073	41,080	53,800
South Carolina.....	37	38	33	24	41	46	61,833	62,021	53,675	40,113	63,751	73,872
South Dakota.....	69	72	59	48	98	139	84,674	100,346	87,639	74,275	137,583	173,893
Tennessee.....	68	55	56	45	74	104	117,313	92,289	163,105	79,991	154,987	220,234
Texas.....	311	297	262	191	306	373	606,062	532,943	475,409	338,714	485,415	595,576
Utah.....	27	25	23	17	26	29	32,368	32,611	31,433	22,482	32,305	48,120
Vermont.....	35	44	26	30	52	35	37,150	39,579	38,273	35,864	44,710	50,633
Virginia.....	90	74	64	45	78	85	252,422	181,407	155,872	114,580	172,793	176,283
Washington.....	148	152	108	80	165	176	311,723	327,342	258,728	189,691	250,711	266,159
West Virginia.....	83	91	75	59	80	91	162,910	175,473	146,508	106,140	156,370	213,139
Wisconsin.....	204	189	176	134	207	243	454,727	403,080	401,893	346,303	402,430	685,087
Wyoming.....	34	27	20	17	30	36	43,614	31,576	22,704	18,894	36,229	46,116

¹ Calculated by totaling returns for average circulation per issue as made for individual publications.

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TABLE 13.—SEMIWEEKLY AND TRIWEEKLY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATES: 1929 TO 1939

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual publishers]

	NUMBER ¹						AGGREGATE CIRCULATION PER ISSUE ¹					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
United States.....	379	394	369	274	387	437	2,208,865	1,951,185	1,844,231	1,166,064	1,537,100	1,867,373
Arkansas.....	3	3	3	3	5	6	8,862	8,801	9,712	8,709	15,752	20,030
California.....	57	51	50	32	38	35	877,067	604,779	516,511	185,106	125,823	85,978
Colorado.....	3	4	6	2	9	9	4,023	5,800	8,604	3,014	13,150	11,630
Florida.....	6	7	3	4	5	10	9,985	18,500	9,350	7,246	8,540	20,264
Georgia.....	5	5	6	4	4	6	10,035	14,219	19,185	8,189	8,530	58,138
Illinois.....	29	21	21	22	29	29	316,788	221,562	191,773	191,590	288,645	211,393
Indiana.....	12	15	14	10	15	19	18,675	23,353	28,652	20,325	34,165	44,648
Iowa.....	11	14	15	10	9	14	56,390	68,089	67,742	58,849	63,452	76,418
Kansas.....	9	9	6	6	13	11	20,112	20,874	11,390	12,477	21,342	18,707
Kentucky.....	7	9	8	7	14	10	16,475	21,435	25,150	19,574	36,342	25,502
Louisiana.....	3	2	4	2	3	3	8,850	5,556	6,421	3,089	3,000	3,811
Maryland.....	3	4	3	3	4	3	22,108	19,026	8,617	26,800	38,925	4,900
Massachusetts.....	12	3	3	2	5	4	16,200	14,400	11,700	11,700	18,880	26,570
Michigan.....	9	14	15	9	9	19	78,553	82,246	29,813	34,407	31,470	51,691
Minnesota.....	9	7	8	4	2	4	35,975	26,430	25,275	10,501	5,090	22,383
Mississippi.....	5	3	6	5	7	9	9,625	7,800	17,053	11,001	14,132	20,227
Missouri.....	13	14	14	13	16	18	31,054	32,929	31,270	41,570	53,152	104,217
Nebraska.....	5	5	9	6	9	8	10,237	11,250	19,200	13,945	28,535	21,925
New Jersey.....	7	11	9	8	10	7	27,800	45,791	33,300	29,885	40,517	25,392
New York.....	23	31	21	14	22	24	87,388	114,095	222,500	47,061	102,304	216,645
North Carolina.....	31	26	25	15	20	22	87,651	71,712	67,360	39,089	53,221	53,261
North Dakota.....	3	3	3	3	3	3	14,300	20,200	22,000	21,820	21,210	21,300
Ohio.....	19	19	21	17	22	32	46,915	44,812	53,280	40,992	46,268	84,697
Oklahoma.....	9	9	4	3	6	6	27,676	26,900	6,200	6,018	14,150	13,600
Oregon.....	4	3	3	3	5	6	8,887	10,600	8,100	9,462	7,050	9,852
Pennsylvania.....	19	24	20	21	28	26	96,619	114,779	96,598	109,095	120,628	226,668
South Carolina.....	9	10	11	7	9	10	18,753	19,471	24,075	19,361	22,000	22,000
Tennessee.....	8	6	4	1	2	5	17,450	15,075	8,680	3,100	4,900	12,600
Texas.....	17	22	18	10	16	19	138,887	163,595	160,193	113,603	159,334	198,690
Virginia.....	5	5	5	4	6	8	11,446	12,300	16,735	9,145	14,218	20,500
Washington.....	6	9	3	3	6	5	19,982	24,800	5,650	5,220	9,085	21,870
Wisconsin.....	4	5	7	3	6	5	6,550	12,150	16,000	6,553	35,647	8,883
Other States ²	23	21	21	18	30	42	63,747	46,056	63,442	44,118	70,252	97,983

¹ Calculated by totaling returns for average circulation per issue as made for individual publications. See "Number of publications and aggregate circulation per issue," p. 682.

² For 1939: Alabama, 2 establishments; Arizona, 1; Connecticut, 2; Delaware, 1; Maine, 2; Montana, 4; New Hampshire, 2; New Mexico, 1; Rhode Island, 2; South Dakota, 3; Utah, 1; West Virginia, 1; Wyoming, 1.

TABLE 14.—DAILY AND SUNDAY FOREIGN LANGUAGE NEWSPAPERS PRINTED—NUMBER AND CIRCULATION, FOR PRINCIPAL LANGUAGES, FOR THE UNITED STATES: 1939 AND 1937

[This table presents statistics for all daily newspapers printed in foreign languages (including those printed in both foreign languages and English) for which separate figures can be given without disclosing data reported by individual publishers]

LANGUAGE	NUMBER ¹						AGGREGATE CIRCULATION PER ISSUE ¹					
	Morning		Evening		Sunday		Morning		Evening		Sunday	
	1939	1937	1939	1937	1939	1937	1939	1937	1939	1937	1939	1937
Total.....	57	57	51	48	40	56	1,101,450	884,142	659,580	686,096	1,139,289	1,118,949
Bohemian and Slovak.....	5	4	2	4	5	5	117,422	73,675	66,000	104,749	149,852	127,101
Chinese.....	3	4	5	5	2	5	15,000	15,300	22,850	35,400	10,400	39,700
Finnish.....	3	3	1	1	1	2	26,555	14,150	(?)	(?)	(?)	7,400
French.....	1	1	6	5	1	1	(?)	(?)	20,625	18,925	(?)	(?)
German.....	4	6	8	8	11	12	101,335	100,066	85,685	92,603	196,538	209,831
Italian.....	7	6	1	1	4	5	160,100	146,443	(?)	(?)	118,902	124,683
Japanese.....	3	2	6	6	5	4	23,600	18,500	34,867	33,525	40,200	34,105
Lithuanian.....	4	3	(?)	(?)	(?)	(?)	32,300	16,700	(?)	(?)	(?)	(?)
Polish.....	2	4	7	7	2	3	52,752	78,680	191,572	171,498	49,640	52,050
Russian.....	4	4	(?)	(?)	1	2	26,432	35,648	(?)	(?)	(?)	29,000
Slovenian, including Croatian and Serbian.....	5	5	2	2	(?)	(?)	28,700	30,100	22,350	7,600	(?)	(?)
Spanish.....	5	4	3	2	4	4	46,927	37,500	14,701	11,280	48,111	45,680
Yiddish.....	8	5	2	2	8	7	432,408	248,121	104,000	138,169	450,846	397,212
Other languages ²	3	6	8	5	5	6	37,325	69,259	96,930	72,347	75,300	49,187

¹ See "Number of publications and aggregate circulation per issue," p. 682. Calculated by totaling returns for average circulation per issue as made for individual publications.

² Included in figure for "Other languages" to avoid disclosing circulation reported by individual publishers.

³ For 1939, Arabic, Armenian, Hungarian, Portuguese, and Ukrainian.

⁴ Includes items covered by footnote 2.

CENSUS OF MANUFACTURES: 1939

TABLE 15.—WEEKLY NEWSPAPERS AND PERIODICALS¹ PRINTED IN FOREIGN LANGUAGES—NUMBER AND CIRCULATION, FOR PRINCIPAL LANGUAGES, FOR THE UNITED STATES: 1939, 1937, AND 1935

[This table presents statistics for all weekly foreign-language newspapers and periodicals (including those printed in both foreign languages and English) for which separate figures can be given without disclosing the circulation reported by individual publishers]

LANGUAGE	NUMBER ²			AGGREGATE CIRCULATION PER ISSUE ²			LANGUAGE	NUMBER ²			AGGREGATE CIRCULATION PER ISSUE ²		
	1939	1937	1935	1939	1937	1935		1939	1937	1935	1939	1937	1935
United States.....	296	286	291	1,975,808	2,041,039	2,068,204	Italian.....	29	31	29	86,300	109,030	117,350
Bohemian and Slovak.....	23	25	24	153,196	186,842	247,728	Lithuanian.....	8	9	7	53,700	51,840	62,100
Danish.....	7	7	9	25,892	33,115	27,481	Norwegian.....	10	14	14	65,375	63,959	66,900
Dutch.....	6	4	9	15,210	17,510	26,685	Polish.....	35	33	35	510,818	371,090	488,623
Finnish.....	2	4	4	13,650	19,350	15,880	Russian.....	3	3	3	44,000	45,500	37,200
French.....	7	9	9	32,895	29,830	22,200	Slovenian, Croatian, and Serbian.....	10	11	10	129,797	134,700	95,124
German.....	64	65	65	396,594	424,454	291,786	Spanish.....	16	12	10	52,241	39,600	25,858
Greek.....	7	3	3	27,900	9,900	10,000	Swedish.....	21	16	24	173,118	167,602	223,741
Hungarian.....	23	19	16	87,097	120,826	42,000	Yiddish.....	10	11	13	72,400	195,800	252,723
							Other languages ⁴	15	10	7	35,625	20,091	14,765

¹ This table covers periodicals reported by the "Periodicals" industry to avoid disclosing data reported by individual periodical publishers.² Calculated by totaling returns for average circulation per issue for individual publications. See "Number of publications and aggregate circulation per issue," p. 682.³ Figures for all years include data for 2 publications reported as Flemish.⁴ For 1939: Armenian, Japanese, Portuguese, Ukrainian, and Welsh.

TABLE 16.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE NEWSPAPERS INDUSTRIES FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH--											
		January	February	March	April	May	June	July	August	September	October	November	December
NEWSPAPERS: PUBLISHING WITHOUT PRINTING													
United States:													
1939.....	260	263	253	251	262	260	269	258	255	257	260	261	268
1937.....	206	200	199	202	203	205	203	199	209	205	213	209	225
1929.....	148	150	150	150	148	147	147	145	146	148	149	151	151
California.....	81	79	79	74	82	81	89	79	81	80	82	81	87
District of Columbia.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Georgia.....	2	2	2	2	2	2	2	2	2	2	2	2	2
Illinois.....	18	18	18	18	18	18	18	18	18	18	18	19	19
Kentucky.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Massachusetts.....	5	5	5	5	5	5	5	5	5	5	5	5	5
Michigan.....	35	35	35	35	35	35	35	35	35	35	35	35	35
Minnesota.....	3	3	3	3	3	3	3	3	3	3	3	3	3
New Jersey.....	2	1	1	1	1	1	1	1	1	1	1	1	1
New York.....	44	42	42	43	44	44	44	44	44	45	45	45	45
North Carolina.....	2	2	2	2	2	2	2	2	2	2	2	2	2
Ohio.....	14	12	12	13	14	14	15	15	15	15	14	16	16
Pennsylvania.....	38	47	37	38	39	38	38	37	36	36	38	37	38
Texas.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Washington.....	3	3	3	3	3	3	3	3	3	3	3	3	3
West Virginia.....	2	4	4	4	4	4	4	4	4	4	4	4	4
Wisconsin.....	3	3	3	3	3	3	3	3	3	3	3	3	3
NEWSPAPERS: PUBLISHING AND PRINTING													
United States:													
1939.....	96,991	95,656	95,974	96,811	97,418	97,981	96,942	95,445	94,966	97,438	97,884	98,232	99,149
1937.....	109,676	108,942	109,175	110,044	110,062	110,451	109,916	107,740	107,413	109,776	110,756	110,712	111,130
1929.....	105,510	104,241	104,505	105,191	105,115	105,266	105,014	104,375	104,482	105,662	106,989	107,473	107,812
Alabama.....	714	696	702	709	718	721	714	693	701	728	727	735	727
Arizona.....	290	286	287	289	287	290	279	280	277	291	298	307	313
Arkansas.....	529	521	522	527	524	531	526	521	527	531	536	543	542
California.....	6,497	6,324	6,507	6,519	6,499	6,703	6,454	6,270	6,373	6,509	6,679	6,527	6,604
Colorado.....	912	911	898	909	908	918	911	910	909	927	914	904	920
Connecticut.....	1,582	1,571	1,583	1,577	1,568	1,599	1,591	1,565	1,574	1,576	1,582	1,601	1,603
Delaware.....	219	214	213	217	219	217	218	220	220	217	220	223	229
District of Columbia.....	1,177	1,159	1,169	1,174	1,186	1,177	1,171	1,137	1,140	1,182	1,222	1,183	1,224
Florida.....	1,398	1,441	1,443	1,458	1,417	1,406	1,344	1,315	1,309	1,340	1,362	1,432	1,504
Georgia.....	1,177	1,179	1,167	1,164	1,169	1,173	1,166	1,165	1,162	1,184	1,186	1,190	1,217
Idaho.....	391	391	391	391	391	391	389	396	392	393	386	386	393
Illinois.....	7,580	7,368	7,431	7,535	7,727	7,712	7,490	7,448	7,379	7,751	7,690	7,757	7,667
Indiana.....	2,981	2,984	2,971	2,998	3,003	3,005	3,007	2,963	2,974	2,956	2,961	2,961	2,989
Iowa.....	2,183	2,164	2,165	2,176	2,176	2,193	2,180	2,179	2,182	2,187	2,193	2,196	2,203
Kansas.....	1,571	1,569	1,579	1,576	1,580	1,598	1,571	1,554	1,534	1,559	1,581	1,576	1,575
Kentucky.....	940	925	924	926	939	948	943	939	927	936	962	949	968
Louisiana.....	939	934	928	943	945	943	937	925	915	944	936	946	974
Maine.....	568	557	562	570	566	575	579	569	568	575	567	562	566
Maryland.....	1,312	1,274	1,294	1,343	1,295	1,305	1,328	1,273	1,265	1,292	1,337	1,368	1,375
Massachusetts.....	5,045	4,981	4,980	4,997	5,079	5,097	5,041	4,951	4,904	5,060	5,126	5,129	5,192

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TABLE 16.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE NEWSPAPERS INDUSTRIES FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939—Continued

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
Michigan.....	3,516	3,448	3,461	3,502	3,522	3,535	3,521	3,451	3,452	3,550	3,572	3,583	3,591
Minnesota.....	2,431	2,469	2,450	2,494	2,523	2,505	2,466	2,441	2,295	2,372	2,398	2,371	2,383
Mississippi.....	407	395	394	390	394	412	408	417	421	424	405	412	414
Missouri.....	3,171	3,143	3,163	3,184	3,172	3,152	3,152	3,072	3,068	3,198	3,211	3,229	3,288
Montana.....	503	485	500	503	498	514	512	499	494	505	512	502	508
Nebraska.....	965	958	962	970	968	976	967	955	961	967	966	970	962
Nevada.....	81	83	81	79	83	82	80	81	81	83	84	79	80
New Hampshire.....	345	329	335	344	349	347	351	345	346	348	348	347	351
New Jersey.....	2,742	2,685	2,688	2,721	2,715	2,731	2,737	2,705	2,678	2,759	2,807	2,827	2,850
New Mexico.....	237	232	231	232	234	236	235	234	234	239	240	244	254
New York.....	13,995	13,960	13,874	14,041	14,148	14,207	14,131	13,732	13,417	14,023	14,099	14,069	14,237
North Carolina.....	1,184	1,168	1,178	1,176	1,175	1,179	1,178	1,184	1,181	1,189	1,196	1,198	1,204
North Dakota.....	338	336	336	336	337	336	335	336	333	341	341	342	342
Ohio.....	5,607	5,495	5,542	5,587	5,632	5,640	5,604	5,520	5,547	5,652	5,610	5,690	5,761
Oklahoma.....	1,373	1,360	1,337	1,366	1,369	1,379	1,375	1,364	1,346	1,372	1,372	1,406	1,430
Oregon.....	1,003	977	968	989	1,023	1,075	1,009	961	1,005	992	1,000	1,009	1,031
Pennsylvania.....	8,318	8,091	8,133	8,179	8,341	8,409	8,326	8,184	8,246	8,447	8,434	8,495	8,532
Rhode Island.....	532	522	528	527	537	531	529	537	523	536	530	534	545
South Carolina.....	489	481	476	487	484	487	481	493	482	487	404	506	508
South Dakota.....	393	393	392	390	390	391	390	396	395	395	393	397	394
Tennessee.....	1,325	1,290	1,300	1,313	1,313	1,317	1,333	1,311	1,302	1,332	1,344	1,350	1,391
Texas.....	3,468	3,383	3,432	3,427	3,476	3,461	3,461	3,437	3,410	3,526	3,471	3,516	3,612
Utah.....	389	373	378	384	378	390	382	399	396	392	382	405	410
Vermont.....	287	284	289	280	287	288	286	283	284	288	289	290	290
Virginia.....	1,085	1,061	1,059	1,069	1,080	1,085	1,090	1,091	1,087	1,080	1,095	1,109	1,115
Washington.....	1,467	1,455	1,445	1,483	1,459	1,466	1,447	1,438	1,436	1,467	1,486	1,526	1,496
West Virginia.....	833	832	834	837	836	829	827	823	824	833	835	841	844
Wisconsin.....	2,306	2,320	2,293	2,316	2,300	2,305	2,294	2,278	2,285	2,300	2,303	2,322	2,353
Wyoming.....	198	199	199	198	196	194	196	205	205	203	196	191	188

TABLE 17.—EXPENDITURES FOR PLANT AND EQUIPMENT FOR THE NEWSPAPERS INDUSTRIES: 1939

	"Newspapers: publishing with- out printing" industry	"Newspapers: publishing and printing" industry
Number of establishments:		
Total for industry.....	431	6,878
Reporting expenditures for plant and equipment.....	45	3,787
Value of products:		
Total for the industry.....	\$11,963,611	\$898,225,000
Reporting expenditures for plant and equipment.....	1,790,881	760,246,563
Expenditures for plant and equipment:		
Total for the industry.....	36,591	16,531,830
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	5,749	3,686,928
Expenditures for new machinery and operating equipment.....	23,240	9,534,251
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	7,355	3,181,997
Expenditures unclassified.....	246	128,654

TABLE 18.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY FOR THE NEWSPAPERS INDUSTRIES: 1939 ¹

	"Newspapers: publishing without print- ing" industry	"Newspapers: publishing and printing" industry		"Newspapers: publishing without print- ing" industry	"Newspapers: publishing and printing" industry
Number of establishments.....	431	6, 878	Prime movers—Continued.		
Number of establishments reporting power equip- ment.....	429	6, 843	Prime movers not driving generators—Con. Internal-combustion engines, ² other than Diesel and semi-Diesel—		
Prime movers, aggregate:			Number.....		29
Number.....		74	Horsepower.....		200
Horsepower.....		9, 709	Hydroturbines and water wheels—		
Prime movers, driving generators, total—			Number.....		1
Number.....		35	Horsepower.....		2
Horsepower.....		8, 512	Prime movers not driving generators, ordi- narily idle (included above), horsepower.....		83
Steam engines—			Generators, kilowatt rating, total.....		6, 201
Number.....		20	Generators, driven by—		
Horsepower.....		4, 557	Steam engines, kilowatt rating.....		3, 279
Steam turbines—			Steam turbines, kilowatt rating.....		2, 250
Number.....		4	Diesel and semi-Diesel engines, kilowatt rating.....		307
Horsepower.....		2, 926	Other internal-combustion engines, ² kilo- watt rating.....		365
Diesel and semi-Diesel engines—			Generators, ordinarily idle (included above), kilowatt rating.....		1, 290
Number.....		4	Electric motors, total:		
Horsepower.....		410	Number.....	235	98, 930
Other internal-combustion engines ¹ —			Horsepower.....	269	339, 850
Number.....		7	Driven by purchased energy—		
Horsepower.....		619	Number.....	235	97, 647
Prime movers, driving generators, ordinarily idle (included above), horsepower.....		1, 879	Horsepower.....	269	330, 804
Prime movers not driving generators, total—			Driven by energy generated in establishments reporting—		
Number.....		39	Number.....		1, 283
Horsepower.....		1, 197	Horsepower.....		9, 046
Steam engines—			Electric energy (kilowatt-hours):		
Number.....		5	Generated in plant.....		13, 851, 404
Horsepower.....		325	Sold.....		626, 087
Steam turbines—			Purchased.....	815, 121	366, 634, 952
Number.....		4			
Horsepower.....		670			

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

PERIODICALS

The industries comprising this subgroup are "Periodicals: publishing without printing" and "Periodicals: publishing and printing."

The first industry includes those establishments which are primarily engaged in preparing and publishing, but not printing, periodicals.

The industry "Periodicals: publishing and printing" includes those establishments engaged in preparing,

publishing, and printing periodicals. These establishments carry on various operations necessary to issue periodicals, including editorial and mechanical departments.

Establishments engaged primarily in printing periodicals for publishers are assigned to the industry "General commercial (job) printing."

TABLE 1.—PERIODICALS—SUMMARY FOR THE UNITED STATES: 1925 TO 1939

INDUSTRY AND CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
PERIODICALS SUBGROUP							
1939.....	2,558	21,421	\$33,552,601	\$174,296,935	\$468,846,754	\$294,549,819	18,324
1937.....	2,264	25,333	36,044,781	171,927,178	473,695,569	301,763,391	(4)
PERIODICALS: PUBLISHING WITHOUT PRINTING							
1939.....	1,958	436	550,099	116,664,127	266,831,618	150,167,401	(5)
1937.....	1,762	711	919,494	109,282,235	259,020,752	149,738,517	(4)
1935.....	1,597	412	598,640	74,620,663	189,867,400	115,246,737	(5)
1933.....	1,459	691	878,171	59,751,031	154,435,853	94,684,822	(4)
1931.....	2,064	517	746,598	91,485,765	227,724,598	136,238,833	(4)
1929.....	2,235	791	1,188,257	115,367,862	291,369,864	176,002,002	(5)
1927.....	2,193	62	76,992	7 29,825,108	252,678,028	222,852,920	(5)
1925.....	2,032	263	442,690	84,970,940	203,454,155	118,483,215	(5)
PERIODICALS: PUBLISHING AND PRINTING							
1939.....	600	20,985	33,002,502	57,632,808	202,015,136	144,382,328	18,324
1937.....	502	24,622	35,125,287	62,644,943	214,674,817	152,029,874	(4)
1935.....	554	19,269	27,835,476	47,861,670	189,901,142	142,039,472	(5)
1933.....	543	17,955	23,684,928	36,438,553	149,171,133	112,732,580	(4)
1931.....	621	21,049	35,203,383	58,204,693	232,881,442	174,676,749	(4)
1929.....	690	23,210	40,817,867	76,681,650	297,031,209	220,349,559	(5)
1927.....	664	21,192	36,329,626	7 74,006,532	283,082,874	209,076,342	(5)
1925.....	616	22,421	37,014,185	83,381,115	272,996,046	189,614,931	(5)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Not called for on schedule.

⁵ None reported.

⁶ Data not available.

⁷ Does not include cost of contract work.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—“PERIODICALS: PUBLISHING WITHOUT PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES:
1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Illinois	Indiana
Number of establishments ¹	1,958	9	8	6	180	14	20	4	81	15	23	293	25
Proprietors and firm members.....	532	2	2	1	101	9	3	-----	8	3	13	81	6
Persons reported by manufacturing establishments, total ²	27,254	66	43	20	995	33	412	21	1,022	62	155	3,008	190
Salaried officers of corporations ³	1,859	11	2	3	84	1	26	2	42	9	19	312	16
Manufacturing:.....													
Salaried employees ³	15,141	35	34	13	587	19	237	7	1,887	42	121	1,813	78
Wage earners (average for the year) ³	436	18	-----	-----	35	4	14	6	31	2	-----	51	10
Distribution.....	9,816	2	7	4	289	9	135	6	492	9	15	917	86
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$59,350,608	\$88,915	\$58,595	\$20,027	\$1,706,452	\$43,990	\$825,888	\$18,607	\$3,720,479	\$85,635	\$368,618	\$6,790,987	\$340,196
Salaried officers ³	11,111,074	26,780	6,500	5,137	371,738	5,947	167,256	3,483	260,812	28,950	104,698	1,671,123	44,397
Manufacturing:.....													
Salaries ³	27,660,563	42,010	44,155	11,452	941,100	25,927	393,808	4,027	2,610,189	44,144	226,768	3,146,255	138,957
Wages.....	550,099	16,409	-----	40,638	40,638	6,029	12,542	5,751	26,208	800	-----	82,375	19,407
Distribution.....	20,027,972	3,716	7,940	3,438	352,976	6,087	252,282	5,346	823,270	11,741	37,152	1,891,234	137,435
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	900	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	116,604,127	121,855	64,738	29,065	2,231,060	63,604	2,835,816	37,528	5,461,690	89,684	344,981	10,076,585	816,279
Materials and supplies.....	38,866,772	1,911	1,780	-----	374,776	6,273	1,102,584	1,660	1,173,489	5,772	44,067	3,102,324	377,940
Fuel.....	26,264	49	-----	-----	1,502	130	1,313	-----	7,390	100	-----	2,322	173
Purchased electric energy.....	122,843	96	-----	-----	1,105	24	1,294	258	1,052	260	-----	16,763	955
Contract work.....	77,648,248	119,799	62,958	29,065	1,853,677	57,177	1,730,625	35,610	4,279,759	83,652	300,914	7,555,176	437,211
Value of products and receipts.....	266,831,618	269,574	161,315	63,263	6,443,884	160,972	5,448,345	78,931	12,239,289	275,017	1,007,064	26,873,972	1,821,135
Value added to materials ⁴	150,167,491	147,719	96,577	34,198	4,212,824	97,368	2,612,529	41,403	6,777,599	185,333	662,083	16,197,387	1,004,856

ITEM	Kansas	Kentucky	Louisiana	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri	Montana	Nebraska	New Hampshire	New Jersey
Number of establishments ¹	12	10	13	18	74	59	51	3	60	3	10	4	18
Proprietors and firm members.....	3	3	9	3	12	17	19	1	6	-----	2	-----	5
Persons reported by manufacturing establishments, total ²	50	65	66	173	951	377	280	8	495	14	42	50	172
Salaried officers of corporations ³	2	4	5	15	93	50	38	2	61	2	3	4	18
Manufacturing:.....													
Salaried employees ³	48	29	41	130	484	224	174	6	239	11	37	43	105
Wage earners (average for the year) ³	-----	1	3	3	7	11	13	-----	11	-----	-----	-----	14
Distribution.....	-----	31	17	25	367	92	55	-----	182	1	2	3	35
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	-----
Salaries and wages, total ²	\$50,737	\$98,926	\$70,118	\$309,246	\$1,586,809	\$804,199	\$481,466	\$15,860	\$873,173	\$14,649	\$59,440	\$25,828	\$339,961
Salaried officers ³	5,600	11,640	12,754	60,940	467,099	225,186	159,105	5,700	267,793	6,000	9,630	8,586	95,645
Manufacturing:.....													
Salaries ³	45,137	47,546	40,868	197,178	690,667	318,891	229,465	10,160	369,822	7,319	44,400	14,222	167,752
Wages.....	-----	936	384	6,000	7,603	16,466	16,523	-----	20,224	-----	-----	-----	8,866
Distribution.....	-----	38,804	16,112	45,128	421,440	243,656	76,373	-----	214,434	1,330	5,410	3,020	67,098
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	900	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	94,919	152,162	102,612	478,640	2,249,843	1,482,661	927,466	20,757	1,456,429	18,722	234,163	71,670	1,055,396
Materials and supplies.....	15,953	5,060	1,413	7,513	497,699	404,641	38,092	4,609	142,307	747	3,786	10,785	385,834
Fuel.....	78	-----	-----	135	3,104	513	323	-----	1,970	-----	-----	120	1,000
Purchased electric energy.....	70	156	52	493	3,321	2,101	800	-----	1,102	-----	-----	25	970
Contract work.....	78,896	146,868	101,147	470,449	1,745,719	1,075,406	888,251	16,148	1,311,050	17,975	230,377	60,740	667,892
Value of products and receipts.....	218,285	333,941	263,475	1,127,346	5,445,709	3,168,920	2,482,287	53,442	3,358,315	41,185	335,045	137,907	2,049,127
Value added to materials ⁴	123,366	231,779	160,863	648,706	3,195,866	1,686,259	1,554,821	32,685	1,901,886	22,463	100,882	66,237	993,731

See footnotes at end of table.

PERIODICALS

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TABLE 2.—“PERIODICALS: PUBLISHING WITHOUT PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	New York	North Carolina	Ohio	Oklahoma	Oregon	Pennsylvania	Rhode Island	Texas	Utah	Washington	Wisconsin	Other States ⁴
Number of establishments ¹	563	6	75	17	23	93	4	51	10	34	28	41
Proprietors and firm members.....	89	2	16	3	14	33	2	30	2	20	3	9
Persons reported by manufacturing establishments, total ²	14,224	40	771	55	115	904	18	235	48	158	158	774
Salaried officers of corporations ³	776	5	50	5	23	57	1	28	2	21	29	32
Manufacturing:												
Salaried employees ³	7,125	33	593	40	64	473	9	172	39	108	113	428
Wage earners (average for the year) ³	118		6	2	4	31	1	1			1	39
Distribution.....	6,205	2	116	8	24	343	7	34	7	20	15	275
Construction.....												
Other.....												
Salaries and wages, total ²	\$34,818,806	\$69,218	\$1,568,096	\$83,577	\$198,888	\$1,487,076	\$21,631	\$326,209	\$59,516	\$311,086	\$288,314	\$1,818,790
Salaried officers ²	5,951,780	18,787	364,882	8,200	74,099	253,223	2,500	80,203	4,425	105,077	82,627	132,772
Manufacturing:												
Salaries ²	14,572,533	45,929	987,688	62,743	74,321	741,144	9,989	220,111	47,631	166,055	192,671	727,529
Wages.....	190,147		6,794	500	2,749	38,272	2,154	960			780	20,582
Distribution.....	14,104,346	4,502	209,332	12,134	47,719	454,437	6,988	24,635	7,460	39,954	12,236	437,907
Construction.....												
Other.....												
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	74,097,919	89,291	2,336,747	114,900	292,720	4,286,512	20,647	491,108	122,724	465,020	592,597	2,635,617
Materials and supplies.....	28,785,741	6,377	183,327	820	21,381	1,147,019	970	41,468	161	17,763	11,378	939,352
Fuel.....	1,358	310	2,887		273	779		280				105
Purchased electric energy.....	84,285	183	2,445	135	338	3,455	58	288		40	383	326
Contract work.....	45,226,535	82,421	2,148,088	113,945	270,728	3,135,259	19,619	449,072	122,563	447,217	580,826	1,695,834
Value of products and receipts.....	166,625,357	277,512	6,306,309	251,387	767,524	9,178,237	89,416	1,137,566	328,625	1,052,621	1,150,676	5,758,643
Value added to materials ⁴	92,527,438	188,221	3,969,562	136,487	474,804	4,891,725	68,769	646,458	205,901	587,601	558,079	3,123,026

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Persons engaged—general classification.

³ See GENERAL EXPLANATIONS—Wage earners and wages.

⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁵ Iowa, 17 establishments; Maine, 2; North Dakota, 1; South Carolina, 2; South Dakota, 2; Tennessee, 8; Virginia, 7; West Virginia, 1; Wyoming, 1.

TABLE 3.—“PERIODICALS: PUBLISHING AND PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Arkansas	California	Colorado	District of Columbia	Florida	Georgia	Illinois	Indiana	Iowa	Kansas
Number of establishments ¹	600	3	47	6	13	7	4	55	16	21	8
Proprietors and firm members.....	250	3	31	1	5	2		9	6	17	8
Persons reported by manufacturing establishments, total ²	34,718	16	1,243	172	702	101	77	4,212	498	1,071	72
Salaried officers of corporations ³	637		36	8	18	3	7	60	20	17	2
Manufacturing:											
Salaried employees ³	7,459	8	288	49	130	28	16	851	121	389	16
Wage earners (average for the year) ³	20,985	8	687	94	358	62	48	2,629	282	576	48
Distribution.....	5,501		232	21	196	8	6	671	95	89	6
Construction.....	112							1			
Other.....	24										
Salaries and wages, total ²	\$60,033,717	\$15,558	\$2,274,564	\$260,178	\$1,030,938	\$117,566	\$107,144	\$7,976,630	\$691,557	\$1,851,940	\$71,657
Salaried officers ²	3,967,234		199,494	18,196	80,685	4,100	27,675	481,677	80,753	161,875	5,000
Manufacturing:											
Salaries ²	14,080,609	6,376	597,125	77,661	297,773	28,764	24,907	1,975,796	185,255	517,354	14,414
Wages.....	33,002,502	9,182	1,117,733	132,284	412,532	74,562	50,248	4,391,536	296,956	813,213	45,946
Distribution.....	8,767,519		360,212	32,037	239,948	10,140	4,314	1,126,171	128,593	359,498	6,297
Construction.....	197,813							1,181			
Other.....	18,040							269			
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	57,632,808	10,209	1,359,829	138,419	493,452	42,142	51,937	5,361,368	496,212	1,726,293	59,650
Materials and supplies.....	49,651,748	8,520	1,226,082	129,603	439,114	38,392	47,347	4,475,757	441,516	1,494,222	53,257
Fuel.....	607,509	365	6,276	647	7,387	742	951	99,586	7,479	25,032	1,048
Purchased electric energy.....	871,503	724	39,257	6,317	13,379	3,008	2,795	113,909	9,696	31,651	3,125
Contract work.....	6,502,048	600	88,214	1,952	33,572		844	672,116	37,521	176,388	2,220
Value of products and receipts.....	202,015,136	40,311	5,919,496	499,013	2,150,285	311,357	232,161	19,018,089	1,937,365	6,252,957	223,790
Value added to materials ⁴	144,382,328	30,102	4,559,667	360,594	1,656,833	269,215	180,224	13,656,721	1,441,153	4,526,664	164,140

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—“PERIODICALS: PUBLISHING AND PRINTING”—GENERAL STATISTICS IN DETAIL BY STATES.
1939—Continued

ITEM	Kentucky	Louisiana	Massachusetts	Michigan	Minnesota	Missouri	Nebraska	New Jersey	New York	North Carolina
Number of establishments ¹	7	5	15	23	19	34	9	11	54	6
Proprietors and firm members	1	2	6	18	6	17	5	1	9	1
Persons reported by manufacturing establishments, total ²	116	41	425	523	953	1,231	195	196	6,459	42
Salaried officers of corporations ³	8	4	17	15	23	36	11	5	105	5
Manufacturing:										
Salaried employees ³	33	8	116	103	168	379	67	34	1,464	9
Wage earners (average for the year) ³	65	21	249	343	661	714	98	136	3,254	26
Distribution	10	8	42	62	101	102	19	20	1,667	2
Construction			1					1	45	
Other									24	
Salaries and wages, total ⁴	\$186,870	\$57,247	\$833,814	\$966,709	\$1,591,616	\$1,947,118	\$242,534	\$333,946	\$11,655,248	\$63,431
Salaried officers ³	31,812	16,839	101,540	81,366	136,752	148,069	43,686	17,540	818,120	14,880
Manufacturing:										
Salaries ³	55,471	7,020	222,533	189,727	306,460	534,046	70,815	63,101	2,988,143	16,000
Wages	78,265	25,926	397,722	552,479	928,698	1,038,200	90,920	208,339	5,252,629	30,121
Distribution	21,322	7,462	109,419	143,137	219,706	226,803	37,113	42,886	2,608,814	2,430
Construction			2,600					2,080	70,490	
Other									17,152	
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	55,002	14,802	471,827	816,397	1,093,007	1,134,290	132,030	231,446	6,751,282	34,972
Materials and supplies	46,178	13,224	385,660	656,262	927,889	964,994	122,438	196,323	4,789,276	30,643
Fuel	1,142	582	6,345	5,423	18,686	14,899	3,395	5,630	92,867	1,017
Purchased electric energy	2,698	996	16,984	14,010	31,137	34,604	5,088	8,493	158,063	2,491
Contract work	4,984		62,838	140,702	115,295	119,793	1,109	21,000	1,711,076	821
Value of products and receipts	329,536	115,808	1,874,183	2,426,940	3,628,094	4,794,979	606,336	844,578	30,684,067	113,567
Value added to materials ⁴	274,534	101,006	1,402,356	1,610,543	2,535,087	3,660,689	474,306	613,132	23,932,785	78,595

ITEM	Ohio	Oklahoma	Oregon	Pennsylvania	Tennessee	Texas	Virginia	Washington	Wisconsin	Other States ⁵
Number of establishments ¹	48	8	11	57	14	26	10	11	20	32
Proprietors and firm members	16	2	10	18	3	19	3	6	8	17
Persons reported by manufacturing establishments, total ²	6,146	331	139	5,707	668	636	123	244	473	1,909
Salaried officers of corporations ³	54	6	2	67	17	21	8	12	16	34
Manufacturing:										
Salaried employees ³	661	113	31	1,527	174	190	48	33	84	321
Wage earners (average for the year) ³	3,879	174	72	3,826	437	365	60	152	252	1,432
Distribution	1,506	38	34	287	40	60	7	47	121	104
Construction	46									18
Other										
Salaries and wages total ⁴	\$9,983,954	\$548,037	\$143,374	\$10,569,106	\$842,814	\$1,036,554	\$182,434	\$367,263	\$837,023	\$3,246,893
Salaried officers ³	347,829	50,232	7,800	434,160	62,542	118,712	33,184	53,422	134,819	254,475
Manufacturing:										
Salaries ³	1,271,441	193,035	39,484	3,179,685	192,453	266,705	55,873	69,280	124,395	509,517
Wages	6,640,840	229,125	80,991	6,255,632	516,777	544,078	79,559	200,335	384,149	2,123,625
Distribution	1,630,043	75,645	15,099	699,629	71,042	107,059	13,818	44,226	191,941	332,715
Construction	93,801								1,100	26,561
Other									619	
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	17,207,205	240,075	82,874	14,074,727	885,132	712,882	145,651	118,343	511,278	3,180,075
Materials and supplies	15,063,722	208,886	66,115	13,581,271	763,472	679,175	122,802	105,899	351,953	2,221,756
Fuel	126,531	1,976	1,861	110,602	10,704	5,757	1,743	1,545	5,314	42,077
Purchased electric energy	115,266	7,920	4,418	126,029	20,650	18,740	3,498	7,764	13,396	55,467
Contract work	1,901,686	21,293	10,480	256,825	90,306	9,210	17,608	3,145	140,675	860,775
Value of products and receipts	55,694,681	1,332,989	327,243	42,530,498	2,308,742	3,060,041	446,753	667,911	2,054,321	11,589,045
Value added to materials ⁴	38,487,476	1,092,914	244,369	28,455,771	1,423,610	2,347,159	301,102	549,568	1,543,043	8,408,970

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Alabama, 2 establishments; Arizona, 1; Connecticut, 5; Delaware, 1; Idaho, 2; Maine, 3; Maryland, 5; Montana, 1; North Dakota, 2; Rhode Island, 2; South Carolina, 2; South Dakota, 1; Utah, 2; Vermont, 1; West Virginia, 1; Wyoming, 1.

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TABLE 4.—PERIODICALS—VALUE OF PRODUCTS, FOR THE UNITED STATES: 1939, 1937, AND 1929

	1939	1937	1929
"Periodicals: publishing without printing," and "Periodicals: publishing and printing" industries, all products and receipts, total value.....	\$468,846,754	\$473,695,509	\$588,401,073
Periodicals published only and published and printed in these industries.....	401,232,809	399,797,765	499,944,557
Receipts for subscriptions and sales.....	180,588,608	167,868,239	181,268,413
Receipts for advertising.....	220,644,201	231,929,526	318,676,144
Products not classified in these industries ¹	67,613,945	73,897,804	88,456,516
"Periodicals: publishing without printing" industry, all products and receipts, total value.....	266,831,618	259,020,752	291,369,864
Periodicals published only in this industry.....	246,232,993	238,518,316	262,063,103
Receipts for subscriptions and sales.....	112,614,993	102,504,610	106,568,947
Receipts for advertising.....	133,618,000	136,013,706	155,494,156
Products not classified in this industry.....	20,598,625	20,502,436	29,306,761
"Periodicals: publishing and printing" industry, all products and receipts, total value.....	202,015,136	214,674,817	297,081,209
Periodicals published and printed in this industry.....	154,999,816	161,279,449	237,881,454
Receipts for subscriptions and sales.....	67,973,615	65,363,629	74,699,466
Receipts for advertising.....	87,026,201	95,915,820	163,181,988
Products not classified in this industry.....	47,015,320	53,395,368	59,149,755
Periodicals published only, and periodicals published and printed, total value.....	409,027,425	407,834,974	507,445,461
Periodicals published only and printed and published in these industries.....	401,232,809	399,797,765	499,944,557
Periodicals, secondary activity of other industries.....	7,794,616	8,037,209	7,500,904
Receipts for subscriptions and sales.....	184,572,008	171,960,886	184,545,297
Receipts for advertising.....	224,455,417	235,874,088	322,900,164

¹ Books, pamphlets, and greeting cards printed and published; books, pamphlets, maps and atlases made for others; label (paper, metalized paper, or foil); color (posters, displays, calendars, etc.); paper patterns, bookbinding, electrotyping, and stereotyping; composition (machine and hand) sold to trade; and general commercial printing.

TABLE 5.—PERIODICALS—RECEIPTS, BY STATES: 1939

	Total	Subscriptions and sales	Advertising
United States.....	\$409,027,425	\$184,572,008	\$224,455,417
Alabama.....	1,455,605	525,872	929,733
Arizona.....	179,022	17,078	161,944
Arkansas.....	87,689	41,678	45,708
California.....	10,255,136	3,233,921	7,021,215
Colorado.....	601,339	304,422	296,917
Connecticut.....	9,978,853	5,128,977	4,849,876
Delaware.....	82,044	29,991	52,053
District of Columbia.....	12,510,975	8,798,117	3,712,858
Florida.....	551,193	222,115	329,078
Georgia.....	1,121,508	228,142	893,366
Idaho.....	6,099		6,099
Illinois.....	39,210,170	18,558,643	20,651,527
Indiana.....	3,050,061	1,924,122	1,125,939
Iowa.....	8,831,013	3,409,643	5,421,370
Kansas.....	3,744,553	1,406,594	2,337,959
Kentucky.....	555,183	210,307	338,876
Louisiana.....	345,296	136,409	208,887
Maine.....	686,106	341,520	344,586
Maryland.....	1,220,726	745,230	475,496
Massachusetts.....	8,002,578	5,448,273	2,554,305
Michigan.....	4,449,963	1,372,778	3,077,185
Minnesota.....	4,149,838	1,486,168	2,663,670
Mississippi.....	54,742	36,679	18,063
Missouri.....	5,910,948	3,305,919	2,605,029
Montana.....	123,536	33,339	90,197
Nebraska.....	696,388	280,006	416,382
Nevada.....	1,300		1,300
New Hampshire.....	137,907	59,410	78,497
New Jersey.....	2,363,343	820,022	1,542,721
New York.....	175,253,034	83,915,392	91,337,642
North Carolina.....	276,082	127,891	148,191
North Dakota.....	43,166	644	42,522
Ohio.....	53,734,266	28,416,487	30,317,779
Oklahoma.....	1,528,633	329,710	1,198,923
Oregon.....	1,015,322	316,297	699,025
Pennsylvania.....	44,811,028	12,494,357	32,326,671
Rhode Island.....	504,310	444,115	60,195
South Carolina.....	57,794	38,373	19,421
South Dakota.....	106,817	15,234	91,583
Tennessee.....	3,261,868	2,628,837	633,031
Texas.....	3,195,325	945,023	2,250,297
Utah.....	398,606	312,735	85,841
Vermont.....	1,962	1,600	362
Virginia.....	537,873	343,736	194,137
Washington.....	1,482,083	336,436	1,145,647
West Virginia.....	10,084	600	9,484
Wisconsin.....	2,428,315	785,834	1,642,481
Wyoming.....	17,746	16,397	1,349

TABLE 6.—PERIODICALS PUBLISHED AND PRINTED, BY PERIOD OF ISSUE, NUMBER, AND CIRCULATION, FOR THE UNITED STATES: 1929 TO 1939

	1939	1937	1935	1933	1931	1929
Aggregate number ¹	4,985	4,202	4,019	3,459	4,887	5,157
Aggregate circulation ²	239,692,508	* 224,274,792	178,620,672	174,759,493	* 183,527,411	202,021,595
Daily:						
Number.....	220	163	196	177	204	207
Circulation.....	1,979,417	790,722	681,697	793,936	830,992	932,363
Weekly: ⁴						
Number.....	1,109	954	966	878	1,066	1,158
Circulation.....	55,825,296	56,115,124	42,648,210	39,365,192	30,781,548	34,494,799
Semiweekly:						
Number.....	50	45	27	30	38	27
Circulation.....	2,994,810	2,556,002	2,129,010	1,810,522	1,284,406	1,401,963
Triweekly:						
Number.....	12	8	7	6	9	8
Circulation.....	27,152	32,978	22,327	25,206	31,314	24,625
Monthly:						
Number.....	2,323	2,063	2,009	1,664	2,552	2,799
Circulation.....	134,766,467	124,520,846	102,193,740	103,192,794	122,670,528	133,048,488
Semi-monthly: ⁴						
Number.....	193	179	171	145	205	224
Circulation.....	8,135,260	7,547,644	5,507,919	4,592,507	6,375,456	9,168,458
Quarterly:						
Number.....	698	547	510	462	629	562
Circulation.....	26,238,181	25,808,324	23,277,089	23,237,557	19,575,617	20,605,002
Other classes:						
Number.....	380	243	133	97	184	172
Circulation.....	9,725,925	6,903,152	2,160,680	1,741,779	1,977,550	2,345,897

¹ Figures for periodicals printed in foreign languages are included in the table in the "Newspapers" report in table 15, p. 694.

² Calculated by totaling returns for average circulation per issue as made for individual publications.

³ Revised.

⁴ See "Effect of \$5,000 limit on coverage," p. 682.

⁵ Includes publications reported as biweekly.

CENSUS OF MANUFACTURES: 1939

TABLE 7.—PERIODICALS PUBLISHED AND PRINTED,¹ BY CLASS, NUMBER, AND CIRCULATION, FOR THE UNITED STATES: 1929 TO 1939

	NUMBER						AGGREGATE CIRCULATION PER ISSUE ²					
	1939	1937	1935	1933	1931	1929	1939	1937	1935	1933	1931	1929
Total.....	4,985	4,202	4,019	3,459	4,887	5,157	239,692,508	³ 224,274,792	178,620,672	174,759,493	³ 183,527,411	202,021,595
Agriculture, stock raising, etc....	190	175	166	160	234	257	18,845,602	19,616,893	19,135,361	19,973,793	21,580,895	20,285,407
Art, music, and drama.....	73	50	43	39	61	83	1,565,271	475,828	389,024	672,925	888,484	1,206,558
Automobiles, motorboats, etc....	81	66	64	56	96	103	3,480,447	1,640,247	1,396,820	2,158,582	2,057,208	2,104,684
Commerce and insurance.....	150	219	236	178	226	273	6,449,238	2,002,184	2,164,665	1,774,546	2,045,736	3,130,414
Finance.....	164											
Educational.....	276	236	132	115	184	96	9,258,970	9,108,727	5,535,823	4,058,154	4,415,965	2,847,710
Fraternal.....	119	130	94	95	162	168	5,732,831	6,869,699	5,000,770	5,847,860	8,453,426	9,412,356
Labor (by labor organizations).....	159	107	143	115	164	172	4,502,569	3,198,148	3,125,148	1,940,093	3,146,095	3,343,767
Legal.....	123	105	91	83	107	77	316,541	143,574	185,816	160,685	206,005	177,299
Medicine, surgery, and dentistry.....	141	132	114	105	138	154	1,581,501	1,538,516	1,322,686	1,217,813	1,232,238	1,961,140
Motion pictures.....	47	52	39	22	43	47	4,699,494	5,856,684	3,365,338	3,456,181	4,434,338	2,315,703
News summaries, general literature, and fiction.....	445	305	264	249	267	300	78,748,008	³ 79,242,476	60,208,080	59,897,221	³ 62,347,603	62,880,435
Religion (denominational).....	1,103	1,079	1,290	957	1,450	1,436	40,462,004	51,426,836	45,755,983	45,703,700	36,580,090	41,629,493
Science and technology.....	189	135	116	116	167	176	2,554,765	1,613,104	3,403,473	2,118,231	3,579,421	2,989,187
Society, fashion, beauty culture, etc.....	54	43	42	48	57	79	7,697,723	6,733,311	7,838,856	11,058,806	13,651,720	22,599,743
Sports, games, and amusements.....	179	104	110	89	124	122	13,804,857	3,737,925	3,549,540	1,996,888	2,376,035	2,302,371
Trade journals (not elsewhere classified).....	904	861	719	682	885	954	8,933,140	10,409,450	6,731,897	6,175,930	8,414,795	7,806,117
Miscellaneous ⁴	588	403	356	350	522	660	29,235,592	20,761,190	8,611,392	6,548,085	8,117,308	14,939,211

¹ Figures for periodicals printed in foreign languages are included in the "Newspapers" report, in table 15, p. 694.² Calculated by totaling returns for average circulation per issue as made for individual publications.³ Revised.⁴ Includes university and college periodicals: For 1939, 67 publications, circulation, 509,739.

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE PERIODICALS INDUSTRIES, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939.

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
PERIODICALS: PUBLISHING WITHOUT PRINTING													
United States:													
1939.....	436	429	418	485	421	412	468	410	405	476	422	415	476
1937.....	711	730	729	787	731	728	798	656	641	703	656	648	728
1929.....	791	772	781	789	797	796	793	788	777	797	806	797	798
Alabama.....	18	18	18	18	18	18	18	18	18	18	18	18	18
California.....	35	34	34	36	35	35	34	34	32	37	35	36	35
Colorado.....	4	4	4	4	4	4	4	4	4	4	4	4	4
Connecticut.....	14	15	15	15	14	14	14	13	14	15	15	15	15
Delaware.....	6	8	7	7	7	7	5	5	6	5	5	5	6
District of Columbia.....	31	30	30	30	30	30	32	32	32	31	30	30	30
Florida.....	2	4	4	4	1	1	1	1	1	1	1	1	1
Illinois.....	51	51	51	51	51	49	49	51	51	53	52	50	50
Indiana.....	10	10	10	10	11	10	10	10	11	10	10	10	11
Kentucky.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Louisiana.....	3	3	3	3	3	3	3	3	3	3	3	3	3
Maryland.....	3	3	3	3	3	3	3	3	3	3	3	3	3
Massachusetts.....	7	7	7	7	7	7	7	7	7	7	7	7	7
Michigan.....	11	11	11	11	11	11	11	11	11	11	11	11	11
Minnesota.....	13	13	13	13	13	13	13	13	13	13	13	13	13
Missouri.....	11	12	13	12	12	13	10	9	9	11	11	12	12
New Jersey.....	14	14	14	14	14	14	14	14	14	14	14	14	14
New York.....	118	123	117	122	118	116	117	114	113	115	121	118	118
Ohio.....	6	6	6	6	6	6	6	6	6	6	6	6	6
Oklahoma.....	2	2	2	2	2	2	2	2	2	2	2	2	2
Oregon.....	4	4	4	4	4	4	4	4	4	4	4	4	4
Pennsylvania.....	31	31	31	31	31	31	30	30	30	32	31	31	31
Rhode Island.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Tennessee.....	33	16	11	71	16	11	71	16	11	71	16	11	71
Texas.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Virginia.....	6	6	6	7	6	6	6	6	6	6	6	7	7
Wisconsin.....	1	1	1	1	1	1	1	1	1	1	1	1	1
PERIODICALS: PUBLISHING AND PRINTING													
United States:													
1939.....	20,985	21,016	20,972	21,213	21,263	20,997	20,729	20,542	20,562	21,198	21,150	21,088	21,085
1937.....	24,622	24,528	24,729	24,743	24,709	24,555	24,243	23,913	24,161	24,681	25,067	25,178	24,953
1929.....	23,210	23,070	23,182	23,409	23,144	23,016	22,805	22,611	22,811	23,278	23,696	23,788	23,713
Arkansas.....	8	8	8	8	8	8	8	8	8	8	8	8	8
California.....	687	691	710	706	678	689	675	705	684	674	692	691	654
Colorado.....	94	91	91	95	94	93	93	92	95	97	96	92	99
Connecticut.....	939	934	944	942	937	912	930	882	931	985	977	971	923
District of Columbia.....	358	347	349	355	342	335	343	372	351	344	395	365	397

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE PERIODICALS INDUSTRIES, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939—Continued

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
PERIODICALS: PUBLISHING AND PRINTING—continued													
Florida.....	62	64	65	61	59	60	60	63	60	61	62	64	69
Georgia.....	48	46	46	47	48	50	50	47	47	49	47	46	49
Illinois.....	2,629	2,641	2,639	2,665	2,592	2,560	2,603	2,587	2,603	2,686	2,649	2,654	2,671
Indiana.....	262	255	255	261	265	262	260	257	258	261	268	270	278
Iowa.....	576	556	570	595	596	587	565	571	604	584	581	556	545
Kansas.....	48	47	47	48	48	48	47	47	49	48	48	46	47
Kentucky.....	65	50	54	52	60	61	60	69	59	57	61	91	107
Louisiana.....	21	22	21	21	21	20	20	20	21	21	21	21	21
Maine.....	136	158	156	140	142	144	123	129	120	131	134	125	127
Maryland.....	66	83	75	67	63	64	63	62	62	63	63	65	66
Massachusetts.....	249	254	238	254	252	265	260	238	240	251	243	253	241
Michigan.....	343	341	342	350	348	336	341	342	349	337	353	337	340
Minnesota.....	661	681	677	688	682	711	629	602	599	636	623	676	726
Missouri.....	714	709	709	727	738	723	701	694	695	708	723	716	719
Nebraska.....	98	99	98	99	99	99	96	95	93	94	99	100	100
New Jersey.....	136	137	133	133	134	136	132	128	134	139	139	142	145
New York.....	3,254	3,293	3,279	3,292	3,301	3,297	3,342	3,217	3,200	3,214	3,140	3,214	3,253
North Carolina.....	26	28	26	26	23	27	27	25	25	25	25	25	26
Ohio.....	3,879	3,920	3,920	3,948	4,078	3,803	3,682	3,745	3,765	4,085	4,014	3,824	3,766
Oklahoma.....	174	176	173	178	182	173	154	163	160	180	176	175	193
Oregon.....	72	67	70	73	71	69	75	69	71	71	74	75	73
Pennsylvania.....	3,826	3,797	3,768	3,835	3,822	3,861	3,838	3,823	3,802	3,860	3,832	3,842	3,828
Tennessee.....	437	430	425	428	429	440	442	433	428	438	456	437	453
Texas.....	365	358	347	356	389	409	361	327	330	333	365	418	384
Virginia.....	60	58	60	60	59	60	61	60	60	61	60	59	60
Washington.....	152	144	147	147	149	157	151	153	154	159	159	154	153
Wisconsin.....	252	239	235	254	255	241	248	237	234	257	278	283	269

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT FOR THE PERIODICALS INDUSTRIES: 1939

	"Periodicals: publishing without printing" industry	"Periodicals: publishing and printing" industry
Number of establishments:		
Total for the industry.....	1,958	600
Reporting expenditures for plant and equipment.....	154	338
Value of products:		
Total for the industry.....	\$266,831,618	\$202,015,136
Reporting expenditures for plant and equipment.....	52,854,272	181,486,522
Expenditures for plant and equipment:		
Total for the industry.....	1,150,283	3,782,240
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	875,937	532,751
Expenditures for new machinery and operating equipment.....	212,036	3,106,841
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	53,943	139,800
Expenditures unclassified.....	8,367	2,848

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY FOR THE PERIODICALS INDUSTRIES: 1939¹

	"Periodicals: publishing without printing" industry	"Periodicals: publishing and printing" industry
Number of establishments.....	1,958	600
Number of establishments reporting power equipment.....	1,953	598
Prime movers, aggregate:		
Number.....	37	
Horsepower.....	18,324	
Prime movers, driving generators, total—		
Number.....	36	
Horsepower.....	18,249	
Steam engines—		
Number.....	30	
Horsepower.....	12,864	

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY FOR THE PERIODICALS INDUSTRIES: 1939¹—Continued

	"Periodicals: publishing without printing" industry	"Periodicals: publishing and printing" industry
Prime movers—Continued.		
Prime movers, driving generators—Con.		
Steam turbines—		
Number.....		3
Horsepower.....		5,000
Diesel and semi-Diesel engines:		
Number.....		2
Horsepower.....		340
Other internal-combustion engines ² —		
Number.....		1
Horsepower.....		45
Prime movers, driving generators, ordinarily idle (included above), horsepower.....		3,800
Prime movers, steam engines, not driving generators—		
Number.....		1
Horsepower.....		75
Prime movers not driving generators, ordinarily idle (included above), horsepower.....		75
Generators, kilowatt rating, total.....		11,400
Generators, driven by—		
Steam engines, kilowatt rating.....		8,420
Steam turbines, kilowatt rating.....		2,800
Diesel and semi-Diesel engines, kilowatt rating.....		240
Other internal-combustion engines, ² kilowatt rating.....		30
Generators, ordinarily idle (included above), kilowatt rating.....		2,400
Electric motors, total:		
Number.....	401	16,195
Horsepower.....	411	50,895
Driven by purchased energy—		
Number.....	401	13,317
Horsepower.....	411	33,033
Driven by energy generated in establishments reporting—		
Number.....		2,878
Horsepower.....		17,862
Electric energy (kilowatt-hours):		
Generated in plant.....		20,080,959
Sold.....		1,426,379
Purchased.....	3,431,680	45,704,984

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

BOOKS

The industries making up this subgroup are "Books: publishing without printing," "Books: publishing and printing," and "Books: printing without publishing."

The first of these industries classifies those establishments primarily engaged in publishing books and pamphlets, but doing no printing.

The second industry embraces those establishments primarily engaged in publishing and printing books and pamphlets and the third industry covers those estab-

lishments printing books and pamphlets for publishers by letterpress, lithograph, or any other process.

Statistics for prior census years.—No statistics other than those for products are available for the "Books: printing without publishing" industry. A special retabulation was made of the reports for this industry for 1937 in order to obtain figures comparable with those for 1939 but no figures are available for earlier years.

TABLE 1.—BOOKS—SUMMARY FOR THE UNITED STATES: 1909 TO 1939

INDUSTRY AND CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
BOOKS SUBGROUP							
1939.....	1,396	22,773	\$33,638,091	\$79,288,972	\$236,752,293	\$157,463,321	3,849
1937.....	990	21,911	32,307,994	74,028,317	220,035,337	146,007,020	(⁴)
BOOKS: PUBLISHING WITHOUT PRINTING							
1939.....	556	135	195,673	35,548,274	109,579,003	74,030,729	(⁵)
1937.....	409			36,253,264	103,227,063	66,973,799	(⁶)
1935.....	413			27,662,537	80,543,322	52,880,785	(⁷)
1933.....	337	4	9,248	19,527,633	55,955,646	36,428,013	(⁸)
1931.....	510	8	16,167	30,211,956	89,252,581	59,040,625	(⁹)
1929.....	566	40	56,927	43,729,281	126,185,514	82,456,233	(¹⁰)
1927.....	533	38	51,452	7 6,155,015	115,002,643	108,847,628	(¹¹)
1925.....	474	16	22,405	36,129,181	94,586,729	58,457,548	(¹²)
1923.....	475	303	412,920	33,929,857	85,412,724	51,482,867	(¹³)
1921.....	524	218	255,801	35,644,650	83,381,630	47,736,980	(¹⁴)
1919.....	820	797	682,229	36,546,810	82,761,509	46,204,759	(¹⁵)
1914.....	809	231	142,000	7 3,585,484	43,876,945	40,291,461	(¹⁶)
1909.....	804	430	318,417	7 3,711,414	36,654,110	32,942,696	(¹⁷)
BOOKS: PUBLISHING AND PRINTING							
1939.....	150	6,091	8,404,779	11,728,693	39,517,202	27,788,509	1,275
1937.....	121	6,094	8,412,730	11,633,384	40,827,388	29,194,004	(¹⁸)
1935.....	92	4,743	6,413,270	8,694,707	32,457,182	23,772,476	(¹⁹)
1933.....	73	4,387	5,320,917	6,510,440	25,732,926	19,222,486	(²⁰)
1931.....	128	8,351	12,554,611	12,720,026	51,549,680	38,829,654	(²¹)
1929.....	165	7,826	12,105,121	15,646,361	55,373,501	39,727,140	(²²)
1927.....	146	7,707	11,918,287	7 12,984,381	52,891,907	39,907,626	(²³)
1925.....	139	8,562	12,438,014	14,774,847	49,707,611	34,932,764	(²⁴)
1923.....	128	7,763	10,751,830	13,971,297	42,206,520	28,235,323	(²⁵)
1921.....	120	6,891	9,138,854	13,472,113	35,493,613	22,021,500	(²⁶)
1919.....	169	6,468	6,462,169	13,341,919	33,574,646	20,232,727	(²⁷)
1914.....	190	7,127	4,642,000	7 6,953,049	19,572,578	12,619,529	(²⁸)
1909.....	203	8,458	4,790,569	7 6,621,653	19,119,707	12,498,049	(²⁹)
BOOKS: PRINTING WITHOUT PUBLISHING							
1939.....	690	16,547	25,037,639	32,012,005	87,656,088	55,644,083	2,574
1937.....	460	15,817	23,895,294	26,141,669	75,980,886	49,839,217	(³⁰)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Not called for on schedule.

⁵ None reported.

⁶ Data not available.

⁷ Does not include cost of contract work.

⁸ No comparable data for years prior to 1937.

TABLE 2.—GENERAL STATISTICS IN DETAIL, FOR THE BOOKS SUBGROUP OF INDUSTRIES, BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	BOOKS: PUBLISHING WITHOUT PRINTING									
	United States	California	District of Columbia	Georgia	Illinois	Indiana	Iowa	Maryland	Massachusetts	Michigan
Number of establishments ¹	556	19	9	8	91	8	5	5	39	11
Proprietors and firm members.....	156	9	4	3	20	2	3	2	12	8
Persons reported by manufacturing establishments, total ²	12,137	281	48	113	2,661	211	64	41	1,013	197
Salaried officers of corporations ²	676	10	-----	5	139	8	5	5	51	1
Manufacturing:										
Salaried employees ²	6,199	142	32	77	857	160	52	24	631	130
Wage earners (average for the year) ³	135	1	-----	2	22	1	-----	-----	1	-----
Distribution.....	5,127	128	16	29	1,643	42	7	12	330	66
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$22,984,919	\$466,820	\$74,748	\$148,264	\$4,502,915	\$375,748	\$70,274	\$67,831	\$2,271,457	\$239,797
Salaried officers ²	4,685,946	50,455	-----	21,073	950,795	65,780	7,188	17,211	332,690	500
Manufacturing:										
Salaries ²	9,459,396	180,382	46,556	67,040	1,338,653	172,136	55,711	29,574	1,020,117	122,241
Wages.....	195,673	(4)	-----	(4)	22,636	(4)	-----	-----	(4)	-----
Distribution.....	8,643,904	235,983	28,192	60,151	2,190,831	137,832	7,375	21,046	918,650	117,056
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	35,548,274	504,291	136,841	173,620	7,655,786	592,022	96,423	114,645	2,427,724	232,257
Materials and supplies.....	7,517,741	101,760	13,413	8,208	1,661,364	5,474	7,568	51,659	307,842	43,764
Fuel.....	9,451	112	-----	-----	3,194	364	359	684	1,164	-----
Purchased electric energy.....	93,145	987	-----	-----	16,379	1,139	41	612	5,403	28
Contract work.....	27,927,937	401,432	123,428	165,412	5,974,849	585,045	88,455	61,690	2,113,315	188,465
Value of products and receipts.....	109,579,003	1,616,060	257,674	484,599	21,598,591	1,689,974	188,539	307,942	7,811,215	661,914
Value added to materials ⁴	74,030,729	1,112,369	120,833	310,979	13,940,805	1,097,952	92,116	193,297	5,383,491	429,657

ITEM	BOOKS: PUBLISHING WITHOUT PRINTING—continued								BOOKS: PUBLISHING AND PRINTING		
	Missouri	New York	Ohio	Pennsylvania	Tennessee	Texas	Wisconsin	Other States ⁴	United States	California	Illinois
Number of establishments ¹	10	254	19	20	4	9	5	29	150	17	27
Proprietors and firm members.....	1	47	8	9	2	2	3	12	61	10	5
Persons reported by manufacturing establishments, total ²	221	5,823	352	249	97	108	55	508	8,839	331	732
Salaried officers of corporations ²	10	386	8	15	1	10	1	18	215	17	44
Manufacturing:											
Salaried employees ²	133	3,139	237	138	40	66	34	241	1,441	33	149
Wage earners (average for the year) ³	78	89	1	14	-----	-----	-----	8	6,091	266	412
Distribution.....	-----	2,209	106	82	56	32	20	246	1,087	15	127
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	5	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$383,447	\$12,078,380	\$590,389	\$448,528	\$41,200	\$180,321	\$81,297	\$828,805	\$14,715,064	\$577,922	\$1,358,121
Salaried officers ²	42,750	2,875,010	40,274	72,933	2,400	56,478	2,700	132,396	1,362,999	49,799	235,580
Manufacturing:											
Salaries ²	190,248	5,190,537	379,746	177,814	15,949	63,762	40,577	285,090	2,696,124	59,820	272,755
Wages.....	-----	137,738	(4)	23,025	-----	-----	-----	12,274	8,404,779	446,082	656,953
Distribution.....	150,449	3,875,095	170,369	174,756	22,851	60,081	38,020	399,045	2,237,117	22,221	192,833
Construction.....	-----	-----	-----	-----	-----	-----	-----	-----	14,045	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	510,198	20,179,451	1,027,399	564,207	60,019	224,842	71,901	861,670	11,728,693	434,374	1,376,974
Materials and supplies.....	9,561	4,856,873	172,765	140,520	4,357	20,894	8,565	78,871	9,517,775	401,684	1,077,809
Fuel.....	-----	1,939	-----	637	-----	-----	137	861	118,943	3,173	7,504
Purchased electric energy.....	608	62,093	3,782	1,217	-----	-----	80	654	221,339	7,180	28,876
Contract work.....	500,029	15,258,546	850,852	421,833	55,662	203,948	63,119	781,284	1,870,636	22,337	262,785
Value of products and receipts.....	1,389,692	65,548,689	2,853,420	1,393,315	196,447	688,870	231,817	2,277,340	39,517,202	1,801,347	4,062,358
Value added to materials ⁴	879,494	45,369,238	1,826,021	829,108	136,428	464,028	159,916	1,415,670	27,788,509	1,366,973	2,685,384

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL, FOR THE BOOKS SUBGROUP OF INDUSTRIES, BY STATES:
1939—Continued

ITEM	BOOKS: PUBLISHING AND PRINTING—continued							BOOKS: PRINTING WITHOUT PUBLISHING			
	Massachu- setts	Michi- gan	New York	Ohio	Pennsyl- vania	Texas	Other States ⁷	United States	Alabama	Califor- nia	Connecti- cut
Number of establishments ¹	11	4	25	13	16	5	32	690	4	36	14
Proprietors and firm members.....	6	1	9	6	7	-----	17	359	1	40	4
Persons reported by manufacturing es- tablishments, total ²	1,592	65	1,171	857	1,734	301	2,055	21,583	82	398	614
Salaried officers of corporations ²	13	2	28	20	29	15	47	885	7	14	19
Manufacturing:											
Salaried employees ²	158	11	216	57	338	43	436	2,489	8	54	71
Wage earners (average for the year) ²	1,356	49	740	692	1,118	197	1,260	16,547	56	291	511
Distribution.....	65	3	186	88	249	46	308	1,590	11	30	13
Construction.....	-----	-----	1	-----	-----	-----	4	72	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$2,167,672	\$70,833	\$2,436,473	\$1,255,726	\$2,845,479	\$538,985	\$3,463,853	\$38,807,339	\$158,418	\$624,811	\$972,762
Salaried officers ²	64,227	6,246	196,523	134,071	254,681	73,083	348,789	4,995,946	19,377	48,254	137,998
Manufacturing:											
Salaries ²	295,776	16,894	582,246	109,849	544,495	64,611	749,678	5,107,568	13,040	82,036	159,637
Wages.....	1,712,848	42,560	1,217,966	838,825	1,522,487	286,221	1,680,837	25,087,689	87,772	407,328	642,143
Distribution.....	94,821	5,133	438,178	172,981	523,816	115,070	672,064	3,494,773	38,229	87,193	32,984
Construction.....	-----	-----	1,560	-----	-----	-----	12,485	171,413	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	1,619,927	67,389	1,108,723	1,827,753	2,439,539	463,940	2,390,074	32,012,005	128,872	595,020	624,745
Materials and supplies.....	1,357,771	64,839	871,746	1,321,229	1,831,685	451,130	2,139,882	27,536,310	121,105	462,070	560,943
Fuel.....	29,647	1,043	16,140	15,062	15,232	1,531	29,611	281,734	941	1,875	9,250
Purchased electric energy.....	30,906	1,255	33,697	16,083	34,987	7,445	60,910	891,687	3,762	13,956	17,228
Contract work.....	201,603	252	187,140	475,379	557,635	3,834	159,671	3,332,274	3,064	117,128	37,324
Value of products and receipts.....	5,961,923	169,535	5,987,969	3,925,817	7,863,593	1,244,095	8,500,665	87,656,088	375,826	1,743,742	1,930,815
Value added to materials ²	4,341,996	102,146	4,879,246	2,098,064	5,424,054	780,155	6,110,491	55,644,083	246,954	1,148,713	1,308,070

ITEM	BOOKS: PRINTING WITHOUT PUBLISHING—continued									
	District of Columbia	Florida	Georgia	Illinois	Indiana	Iowa	Maine	Maryland	Massa- chusetts	Michigan
Number of establishments ¹	4	3	5	63	16	6	5	12	52	58
Proprietors and firm members.....	5	-----	2	20	8	3	2	5	26	37
Persons reported by manufacturing es- tablishments, total ²	30	30	159	4,342	590	135	46	587	1,182	1,524
Salaried officers of corporations ²	2	1	6	114	13	9	5	10	63	56
Manufacturing:										
Salaried employees ²	3	5	15	413	87	23	8	74	153	190
Wage earners (average for the year) ²	23	24	129	3,526	485	87	32	478	862	1,169
Distribution.....	2	-----	8	289	5	16	1	16	104	108
Construction.....	-----	-----	1	-----	-----	-----	-----	-----	-----	1
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$55,409	\$33,926	\$203,805	\$7,830,047	\$908,676	\$230,774	\$56,176	\$972,033	\$2,081,749	\$2,917,377
Salaried officers ²	18,200	2,180	23,400	727,342	51,870	31,205	14,546	129,145	279,865	340,318
Manufacturing:										
Salaries ²	3,136	9,229	20,899	1,010,239	166,852	41,227	7,902	166,361	291,505	428,014
Wages.....	30,073	22,517	146,176	5,491,426	684,410	136,593	29,512	625,317	1,283,622	1,833,763
Distribution.....	4,000	-----	12,310	601,040	5,544	21,749	4,216	52,110	226,757	312,582
Construction.....	-----	-----	520	-----	-----	-----	-----	-----	-----	2,700
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	42,301	24,519	163,787	5,523,795	662,248	183,347	57,102	976,295	1,440,463	2,990,337
Materials and supplies.....	37,553	22,816	139,618	4,776,959	620,065	174,931	34,454	910,551	1,169,029	2,447,777
Fuel.....	450	171	1,808	79,376	6,541	1,585	787	10,649	13,520	29,610
Purchased electric energy.....	608	1,532	4,786	162,535	15,768	5,100	1,484	9,111	43,906	65,734
Contract work.....	3,690	-----	17,575	504,925	19,874	1,681	20,377	45,984	214,008	447,216
Value of products and receipts.....	138,518	82,055	506,090	16,284,774	2,038,213	528,821	131,258	2,532,347	4,310,949	7,045,776
Value added to materials ²	96,217	57,536	342,303	10,760,979	1,375,965	345,474	74,156	1,556,052	2,870,486	4,055,439

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL, FOR THE BOOKS SUBGROUP OF INDUSTRIES, BY STATES:
1939—Continued

ITEM	BOOKS: PRINTING WITHOUT PUBLISHING—continued									
	Missouri	New Hampshire	New Jersey	New York	Ohio	Pennsylvania	Texas	Virginia	Wisconsin	Other States ³
Number of establishments ¹	22	3	20	193	37	60	9	5	16	35
Proprietors and firm members.....	14	4	7	91	10	38	4	4	—	28
Persons reported by manufacturing establishments, total ²	296	36	1,276	4,763	893	1,641	107	99	1,505	954
Salaried officers of corporations ²	20	1	28	253	54	75	10	5	44	57
Manufacturing:										
Salaried employees ²	35	5	118	604	116	188	12	17	116	143
Wage earners (average for the year) ³	218	30	1,107	3,632	661	1,311	70	73	867	676
Distribution.....	23	—	23	272	62	67	14	4	411	78
Construction.....	—	—	—	2	—	—	1	—	67	—
Other.....	—	—	—	—	—	—	—	—	—	—
Salaries and wages, total ²	\$534,684	\$48,937	\$2,322,610	\$9,214,900	\$1,762,887	\$2,718,216	\$164,278	\$130,804	\$2,811,230	\$1,641,400
Salaried officers ²	80,833	7,240	209,278	1,403,224	297,107	390,306	33,137	18,080	419,681	289,498
Manufacturing:										
Salaries ²	55,185	5,030	256,387	1,201,357	242,170	291,471	13,301	31,080	302,727	250,169
Wages.....	343,424	30,667	1,783,327	5,936,381	1,015,098	1,849,104	86,098	78,084	1,275,795	942,736
Distribution.....	55,242	—	68,618	669,763	208,512	187,245	26,188	3,560	649,563	158,997
Construction.....	—	—	—	4,175	—	—	554	—	163,464	—
Other.....	—	—	—	—	—	—	—	—	—	—
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	529,161	29,295	1,863,321	8,641,619	1,577,312	1,474,372	138,983	74,993	2,639,370	1,300,073
Materials and supplies.....	444,293	24,382	1,624,564	7,434,551	1,221,081	1,309,653	121,625	64,420	2,369,200	1,177,223
Fuel.....	4,690	301	18,835	29,784	8,282	24,286	1,146	1,614	22,705	8,639
Purchased electric energy.....	13,242	2,882	44,306	259,452	36,675	53,360	4,169	2,957	58,477	30,750
Contract work.....	66,936	2,230	175,616	917,832	311,274	87,073	12,043	6,002	188,988	83,461
Value of products and receipts.....	1,324,172	113,450	5,161,996	22,345,686	4,086,496	5,345,658	362,564	261,132	6,250,279	3,820,012
Value added to materials ⁴	795,011	84,155	3,298,675	13,704,067	2,509,184	3,871,286	223,581	186,139	3,610,909	2,519,939

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Included in "Other States" to avoid disclosure.⁵ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁶ Arizona, 1 establishment; Colorado, 2; Connecticut, 2; Florida, 1; Kansas, 1; Kentucky, 1; Louisiana, 1; Maine, 1; Nebraska, 2; New Jersey, 3; Oklahoma, 1; Oregon, 3; Rhode Island, 1; South Carolina, 1; South Dakota, 1; Utah, 2; Vermont, 2; Virginia, 2; Washington, 1.⁷ Colorado, 1 establishment; Connecticut, 2; Idaho, 1; Indiana, 3; Iowa, 1; Kansas, 1; Maine, 1; Maryland, 2; Minnesota, 4; Missouri, 3; Nebraska, 2; New Jersey, 2; Oregon, 2; South Dakota, 1; Tennessee, 1; Utah, 1; Vermont, 1; Virginia, 1; Washington, 2.⁸ Colorado, 1 establishment; Kansas, 1; Kentucky, 2; Louisiana, 1; Mississippi, 1; Montana, 1; Nebraska, 2; New Mexico, 1; North Carolina, 3; Oklahoma, 3; Oregon, 4; Rhode Island, 7; Tennessee, 3; Utah, 2; Vermont, 2; Washington, 1.TABLE 3.—VALUE OF PRODUCTS AND RECEIPTS, FOR THE BOOKS INDUSTRIES,
FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
"Books: publishing without printing," "Books: publishing and printing," and "Books: printing without publishing" industries, all products and receipts, total value.....	\$236,752,293	\$220,035,837
Books and pamphlets published only, published and printed, and printed only in these industries.....	203,313,828	187,974,129
Products not classified in these industries.....	33,438,465	32,061,208
"Books: publishing without printing" industry, all products and receipts, total value.....	109,579,003	103,227,063
Books and pamphlets published only in this industry, total.....	108,752,212	103,194,792
Books, published only.....	98,757,443	99,023,402
Pamphlets, published only.....	8,266,660	2,660,493
Maps, atlases, and globe covers, published.....	1,728,109	1,510,897
Products not classified in this industry.....	826,791	32,271
"Books: publishing and printing" industry, all products and receipts, total value.....	39,517,202	40,827,388
Books and pamphlets published and printed in this industry, total.....	28,882,994	29,981,085
Books, published and printed.....	23,425,144	24,320,211
Pamphlets, published and printed.....	2,561,805	2,406,151
Maps, atlases, and globe covers, made and published.....	2,896,045	3,254,723
Products not classified in this industry.....	10,634,208	10,846,303
"Books: printing without publishing" industry, all products, total value.....	87,656,088	75,980,886
Books and pamphlets, printed only in this industry.....	65,678,622	55,798,202
Products not classified in this industry.....	21,977,466	20,182,684
Books and pamphlets published only, published and printed, and books printed only, aggregate value and receipts.....	308,064,027	283,313,564
Books and pamphlets, published only, published and printed, and printed only in these industries.....	203,313,828	187,974,129
Books and pamphlets, secondary activities of other industries, total.....	104,750,199	95,339,435
Books published only and published and printed.....	149,380,344	159,867,879
Pamphlets published only and published and printed.....	14,969,676	8,388,982
Maps, atlases, and globe covers made and published.....	4,963,935	6,494,574
Books and pamphlets printed for others (other than direct mail) ¹	90,606,765	70,870,810
Music (book and sheet) printed for others ²	2,289,453	2,661,024
Direct mail, books and pamphlets ²	42,526,201	33,242,049
Maps and atlases made for others ²	3,297,653	1,788,237

¹ Designing greeting and souvenir cards; drawing and sealing maps; special art work for printing trades; newspapers, periodicals, books, and pamphlets printed for others; labels (paper, metalized paper, or foil); direct mail (letters, circulars, etc.); color (posters, displays, calendars, etc.); bookbinding; composition (machine and hand), sold to trade; and general commercial printing.² For production of this item by processes see table 4, p. 708, footnote 1.

CENSUS OF MANUFACTURES: 1939

TABLE 4.—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1939

	Total	Books printed and published or published only	Pamphlets printed and published or published only	Maps, atlases, and globe covers made and published	Books and pamphlets printed for publication by others ¹	Music (book and sheet) printed for others ¹	Direct mail, books and pamphlets ¹	Maps and atlases made for others ¹
United States.....	\$308,064,027	\$149,380,344	\$14,999,676	\$4,963,935	\$90,606,765	\$2,289,453	\$42,526,201	\$3,297,653
Alabama.....	428,628	(²)	(²)		298,416		130,212	
Arizona.....	89,773	(²)	(²)		84,966	(²)	4,807	
Arkansas.....	164,524	(²)	(²)		104,161		58,363	2,000
California.....	6,328,953	2,420,474	256,065	(²)	2,139,984	38,766	1,383,652	90,012
Colorado.....	336,020	66,754	(²)		168,021		90,424	10,821
Connecticut.....	3,814,575	678,435	35,282	(²)	2,569,458		462,494	68,906
Delaware.....	34,828				13,328		21,500	
District of Columbia.....	3,504,362	1,383,225	165,709	139,337	1,278,868		419,159	118,084
Florida.....	329,627	20,130	(²)		261,747		42,932	4,818
Georgia.....	1,162,337	471,395	(²)		424,653	8,936	256,358	1,000
Idaho.....	76,272	(²)	(²)		66,682		9,590	
Illinois.....	62,335,196	22,799,200	3,140,930	1,983,992	22,747,638	393,823	10,047,448	1,222,165
Indiana.....	6,214,112	2,080,429	320,002	(²)	2,948,893	1,300	806,910	56,678
Iowa.....	1,001,142	224,697	2,910	(²)	497,832	(²)	275,703	(²)
Kansas.....	1,042,316	452,489	(²)		275,745	(²)	307,082	7,000
Kentucky.....	450,692	44,601			103,790	119,966	182,335	(²)
Louisiana.....	354,855	77,726	(²)		123,402		155,257	
Maine.....	384,859	48,402	55,271	(²)	194,902		86,814	(²)
Maryland.....	4,298,508	855,517	28,888		2,673,158		473,796	257,649
Massachusetts.....	20,072,288	12,310,597	1,463,772	(²)	4,319,898	86,789	1,582,286	308,946
Michigan.....	8,433,404	686,592	16,494	67,234	3,513,956	(²)	4,127,826	21,302
Minnesota.....	6,649,130	4,553,656	153,276	(²)	1,051,196		877,071	13,931
Mississippi.....	139,479				90,055		45,424	4,000
Missouri.....	5,498,085	2,461,821	148,655		1,366,626	60,287	1,206,266	194,430
Montana.....	52,019	(²)			45,749		6,270	
Nebraska.....	653,230	273,932	(²)		312,553	3,248	61,797	1,700
Nevada.....	41,512				23,007		18,505	
New Hampshire.....	618,444	(²)			538,273		80,171	(²)
New Jersey.....	7,336,847	868,582	144,620		5,309,617	7,246	1,006,782	(²)
New Mexico.....	72,160	(²)	(²)		48,612		23,548	
New York.....	115,897,356	76,722,769	5,738,490	2,234,905	19,318,829	1,439,520	9,692,321	750,522
North Carolina.....	503,252	36,034	(²)		292,116		175,102	
North Dakota.....	61,721	(²)			51,656		4,640	5,425
Ohio.....	14,800,738	7,106,250	946,336	23,897	3,653,183	13,375	3,042,356	15,341
Oklahoma.....	637,772	229,326	335,386		335,386		71,306	1,754
Oregon.....	353,174	88,772	7,377		165,204		89,991	1,830
Pennsylvania.....	18,675,732	9,358,221	1,117,759	94,668	5,507,687	111,292	2,461,152	24,953
Rhode Island.....	607,407	34,546			215,029		349,533	8,209
South Carolina.....	76,595	(²)			48,899	(²)	27,696	
South Dakota.....	154,723	18,968	(²)		100,952	1,700	9,171	23,932
Tennessee.....	2,429,328	694,827	47,287	(²)	1,389,732	(²)	297,432	(²)
Texas.....	2,490,237	993,305	253,737	(²)	814,670		420,667	7,558
Utah.....	396,468	82,440	(²)		192,668		119,360	2,000
Vermont.....	410,774	82,277	(²)	(²)	283,921		44,576	(²)
Virginia.....	932,629	415,512	16,120		399,489		101,508	
Washington.....	741,179	136,712	3,106	(²)	406,527	1,126	167,518	26,190
West Virginia.....	111,095	(²)	(²)		73,216	(²)	5,899	32,580
Wisconsin.....	5,939,649	490,150	506,695		3,741,894	(²)	1,190,377	10,533
Wyoming.....	27,790	(²)	(²)		20,471		7,319	
Undistributed ²	958,071	101,581	431,395	419,902		2,079		8,114

¹ Produced by the following processes:

Books and pamphlets printed for publication by others: Letterpress—1939, \$77,646,763; 1937, \$63,936,197. Lithographing and photo-lithographing—1939, \$7,624,499; 1937, \$4,100,070. Engraving—1939, \$279,568; 1937, \$95,569. Rotogravure—1939, \$5,055,935; 1937, \$2,688,983.

Music (book and sheet) printed for others: Letterpress—1939, \$572,905; 1937, \$1,058,086. Lithographing and photo-lithographing—1939, \$1,596,127; 1937, \$1,408,354. Engraving—1939, \$120,421; 1937, \$134,584.

Direct mail, books and pamphlets: Letterpress—1939, \$36,086,720; 1937, \$29,240,684. Lithographing and photo-lithographing—1939, \$5,231,972; 1937, \$3,760,442. Engraving—1939, \$221,347; 1937, \$49,559. Rotogravure—1939, \$936,162; 1937, \$191,364.

Maps and atlases made for others: Letterpress—1939, \$576,004; 1937, \$330,142. Lithographing and photo-lithographing—1939, \$2,720,849; 1937, \$1,407,925. Engraving—1939, \$800; 1937, \$50,170.

² Included in "Undistributed" item to avoid disclosing, exactly or approximately, data for individual printers or publishers.³ These figures are the sums of those items covered by footnote 2 in the respective columns.

TABLE 5.—BOOKS, PAMPHLETS, AND MAPS PUBLISHED BY CLASS AND NUMBER OF COPIES: 1929 TO 1939

	1939	1937	1935	1933	1931	1929
Aggregate.....	546,529,801	518,074,304	345,822,762	258,948,413	370,515,790	430,199,433
Books, total.....	182,319,108	197,359,076	140,651,953	110,789,913	154,461,622	214,334,423
Agriculture and related subjects.....	1,018,809	1,034,607	177,071	131,382	276,929	688,810
Bibles and Testaments: ¹						
Whole Bibles.....	2,550,932					
Testaments.....	1,276,274					
Parts of Bibles (not whole Testaments).....	3,361,234	5,579,317	591,173	668,448	1,376,680	4,829,208
Undistributed.....	865,374					
Biography.....	2,384,647	2,754,390	2,575,172	1,449,315	2,175,864	2,714,090
Fiction.....	14,811,181	25,454,135	15,239,573	11,527,519	19,248,703	26,880,062
Fine arts.....	590,885	694,163	165,903	335,362	729,735	1,133,555
History.....	2,305,829	1,238,806	678,640	831,858	1,192,929	1,950,495
Juvenile.....	34,845,416	29,396,580	23,170,394	22,346,400	23,189,823	36,885,167
Law.....	2,355,395	2,448,165	1,874,299	1,812,946	1,962,901	2,942,176
Medicine.....	1,868,892	3,923,532	1,241,665	674,763	1,440,958	1,932,909
Music (musical notation).....	1,682,042	6,722,698	(²)	(²)	(²)	(²)
Poetry and drama.....	1,499,477	1,788,541	2,267,990	1,980,647	2,589,831	4,048,227
Religion and philosophy.....	6,613,606	6,944,102	6,047,676	6,764,254	11,803,951	12,796,741
Science and technology.....	3,432,642	2,380,351	1,937,084	1,611,642	1,818,585	2,294,660
Sociology and economics.....	886,751	1,156,885	1,013,272	1,113,513	620,451	1,052,049
Textbooks (for school use).....	63,274,758	72,771,685	69,180,378	48,070,083	65,292,430	80,189,935
Travel and geography.....	1,482,138	1,641,931	1,435,155	885,535	1,305,627	1,725,561
Reference.....	6,716,403	3,841,442	(²)	(²)	(²)	(²)
Miscellaneous.....	16,767,072	23,367,371	11,316,799	7,805,245	11,865,560	8,273,065
Bluebooks, directories, catalogs, etc.....	7,724,351	4,280,525	1,744,707	2,174,222	4,276,765	32,270,478
Not reported by class.....				599,779	3,300,000	
Pamphlets, total.....	299,901,418	216,847,761	194,609,618	143,487,479	216,054,168	215,865,010
Juvenile.....	25,383,644	13,528,811	13,823,211	5,324,322	7,692,942	8,273,065
Texts (for school use).....	57,992,137	57,004,998	35,611,826	14,995,206	24,706,253	39,696,158
All other.....	216,525,637	146,313,952	145,174,581	123,167,951	183,654,973	167,895,787
Maps, atlases, and globe covers.....	64,309,275	103,807,467	10,561,191	4,671,021	(²)	(²)

¹ Bibles and Testaments which are printed abroad for foreign distribution by American concerns are not included.² No data.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE BOOKS INDUSTRIES, FOR THE UNITED STATES, 1939 AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
BOOKS: PUBLISHING WITHOUT PRINTING													
United States:													
1939 ¹	135	133	134	136	134	133	136	133	133	134	135	138	138
1929.....	40	42	42	42	42	39	39	39	41	42	39	39	39
Illinois.....	22	22	21	22	21	22	22	22	23	23	23	23	23
New York.....	89	92	91	92	90	89	91	87	85	86	87	89	89
Pennsylvania.....	14	11	13	13	14	13	14	15	15	15	15	16	16
BOOKS: PUBLISHING AND PRINTING													
United States:													
1939.....	6,091	5,970	6,024	6,060	6,108	6,125	6,067	6,085	6,217	6,198	6,132	6,084	6,022
1937.....	6,094	5,859	5,911	6,056	6,066	6,063	6,105	6,031	6,106	6,290	6,277	6,196	6,167
1929.....	7,825	7,867	7,914	7,883	7,804	7,752	7,730	7,711	7,744	7,876	7,951	7,912	7,761
California.....	266	262	265	259	264	271	270	271	290	265	262	259	256
Illinois.....	412	411	410	402	425	438	428	419	408	398	404	400	404
Indiana.....	229	197	197	220	228	241	257	270	288	269	219	190	173
Massachusetts.....	1,366	1,394	1,366	1,364	1,371	1,368	1,352	1,327	1,366	1,363	1,344	1,338	1,314
Michigan.....	49	53	58	56	49	48	41	42	48	51	46	49	44
Minnesota.....	373	365	375	370	372	371	365	366	378	382	378	380	378
Missouri.....	69	68	68	71	72	68	68	68	68	68	68	71	72
New York.....	740	734	746	766	760	752	739	714	738	724	729	745	738
Ohio.....	692	624	658	666	674	684	651	672	735	777	762	712	691
Pennsylvania.....	1,118	1,109	1,125	1,120	1,112	1,118	1,118	1,119	1,105	1,102	1,113	1,136	1,140
Texas.....	197	193	188	187	186	192	204	214	210	203	209	195	188
BOOKS: PRINTING WITHOUT PUBLISHING													
United States:													
1939.....	16,547	17,937	16,818	16,082	16,096	16,775	15,936	17,230	17,244	15,958	15,541	15,857	17,086
1937.....	15,817	15,417	15,572	15,712	15,988	15,954	15,901	15,817	15,826	16,048	15,492	15,846	16,233
Alabama.....	56	60	60	55	58	63	57	51	53	60	46	55	52
California.....	291	275	290	283	286	308	296	290	284	289	301	292	299
Connecticut.....	511	489	501	512	497	503	525	509	510	562	501	531	497
District of Columbia.....	23	19	21	20	16	22	19	19	20	23	31	25	40
Florida.....	24	22	23	22	25	27	23	22	22	22	26	26	24
Georgia.....	129	128	133	124	127	124	121	123	135	138	129	130	131
Illinois.....	3,526	4,879	3,807	2,825	3,053	3,455	2,999	4,598	4,454	2,916	2,915	2,873	3,536
Indiana.....	485	482	485	485	488	488	479	488	481	476	507	479	482
Iowa.....	87	98	97	95	90	85	75	78	83	84	81	87	92
Maine.....	32	31	34	36	35	35	33	33	32	25	26	27	31
Maryland.....	478	447	469	501	497	495	472	454	480	485	470	489	482
Massachusetts.....	862	856	887	878	856	882	855	859	853	847	827	852	893
Michigan.....	1,169	1,229	1,220	1,225	1,189	1,141	1,075	1,067	1,136	1,287	1,210	1,052	1,199
Minnesota.....	230	246	248	260	249	236	226	217	234	233	213	199	202
Missouri.....	218	220	216	220	217	240	204	217	211	217	222	209	217
New Hampshire.....	30	30	30	30	30	30	30	30	30	30	30	29	29
New Jersey.....	1,107	1,134	932	941	1,033	1,204	1,313	1,153	1,172	1,036	908	1,160	1,302
New York.....	3,632	3,722	3,674	3,806	3,564	3,708	3,567	3,500	3,451	3,542	3,411	3,730	3,553
North Carolina.....	40	39	43	42	44	45	41	41	40	40	39	35	36
Ohio.....	661	684	710	682	712	655	644	660	618	633	623	650	664
Oklahoma.....	61	56	55	64	60	61	67	62	64	61	64	58	61
Oregon.....	29	29	28	29	30	31	30	30	30	29	28	29	28
Pennsylvania.....	1,311	1,327	1,332	1,322	1,335	1,320	1,267	1,274	1,301	1,320	1,296	1,289	1,344
Rhode Island.....	99	98	97	89	85	89	98	96	103	103	111	106	114
Tennessee.....	70	59	72	91	105	108	53	48	57	58	71	48	65
Texas.....	70	70	69	71	76	76	69	68	64	64	72	74	68
Virginia.....	73	73	72	75	76	77	73	70	72	68	71	71	76
Wisconsin.....	867	771	834	848	881	873	837	809	896	954	928	875	894

¹ None reported for 1937.

CENSUS OF MANUFACTURES: 1939

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT FOR THE BOOKS INDUSTRIES: 1939

	"Books: publishing without printing" industry	"Books: publishing and printing" industry	"Books: printing without publishing" industry
Number of establishments:			
Total for the industry.....	556	150	690
Reporting expenditures for plant and equipment.....	49	88	405
Value of products:			
Total for the industry.....	\$109,579,003	\$39,517,202	\$87,656,088
Reporting expenditures for plant and equipment.....	15,349,501	35,367,946	68,037,419
Expenditures for plant and equipment:			
Total for the industry.....	308,257	649,342	2,457,174
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	216,266	281,261	276,967
Expenditures for new machinery and operating equipment.....	74,378	320,313	1,887,781
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	17,613	38,768	249,876
Expenditures unclassified.....			42,550

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY, FOR THE BOOKS INDUSTRIES: 1939 ¹

	"Books: publishing without printing" industry	"Books: publishing and printing" industry	"Books: printing without publishing" industry		"Books: publishing without printing" industry	"Books: publishing and printing" industry	"Books: printing without publishing" industry
Number of establishments.....	556	150	690	Prime movers—Continued.			
Number of establishments reporting power equipment.....	553	150	690	Prime movers not driving generators—Continued.			
Prime movers, aggregate:				Hydroturbines and water wheels—			
Number.....		6	15	Number.....			1
Horsepower.....		1,275	2,574	Horsepower.....			40
Prime movers, driving generators, total—				Generators, kilowatt rating, total..		874	1,483
Number.....		6	6				
Horsepower.....		1,275	2,387	Generators, driven by—			
Steam engines—				Steam engines, kilowatt rating.....		808	483
Number.....		5	5	Steam turbines, kilowatt rating.....			1,000
Horsepower.....		1,175	687	Hydroturbines and water wheels, kilowatt rating.....		66	
Steam turbines—				Generators, ordinarily idle (included above), kilowatt rating.....		150	165
Number.....			1				
Horsepower.....			1,700	Electric motors, total:			
Hydroturbines and water wheels—				Number.....	165	4,586	14,045
Number.....		1		Horsepower.....	130	9,616	29,801
Horsepower.....		100					
Prime movers, driving generators, ordinarily idle (included above), horsepower.....		225	275	Driven by purchased energy—			
Prime movers not driving generators, total—				Number.....	165	3,808	13,483
Number.....			9	Horsepower.....	130	7,905	27,857
Horsepower.....			187	Driven by energy generated in establishments reporting—			
Steam engines—				Number.....		778	557
Number.....			7	Horsepower.....		1,711	1,944
Horsepower.....			140	Electric energy (kilowatt-hours):			
Internal-combustion engines, other than Diesel and semi-Diesel—				Generated in plant.....		701,500	1,346,980
Number.....			1	Sold.....		3,356	
Horsepower.....			7	Purchased.....	2,323,351	9,521,875	35,451,438

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

GENERAL COMMERCIAL (JOB) PRINTING

[A preliminary report for this industry was issued December 31, 1940]

The establishments classified in this industry are primarily engaged in commercial or job printing (letterpress). This industry includes general printing shops as well as shops specializing in printing newspapers and periodicals for others. The industry was established as a separate classification at the census for 1939. A retabulation was made of the 1937 reports to obtain figures comparable with those for 1939, but no figures are available for earlier years.

Job printing by the lithographing process is included in the "Lithographing" industry. Establishments specializing in printing books and pamphlets for publishers are included in the "Books: printing without publishing" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horse-power of prime movers
1939.....	9,595	96,039	\$132,944,964	\$191,733,637	\$515,435,609	\$323,701,972	6,078
1937 ⁴	9,035	108,761	148,801,613	201,847,601	549,521,300	347,673,699	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ No comparable figures for earlier years.

⁵ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL, BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Idaho	Illinois
Number of establishments ¹	9,595	62	15	39	789	79	164	16	63	112	108	12	857
Proprietors and firm members.....	8,216	58	9	40	846	66	97	14	48	95	100	9	717
Persons reported by manufacturing establishments, total ²	126,059	505	158	448	6,047	802	2,033	163	1,279	817	1,163	99	21,999
Salaried officers of corporations ²	5,821	30	14	31	229	34	126	7	34	50	40	11	594
Manufacturing:													
Salaried employees ²	14,504	69	22	47	706	87	243	15	92	98	140	11	2,052
Wage earners (average for the year) ²	96,039	348	106	325	4,440	606	1,570	139	1,064	616	888	62	17,528
Distribution.....	9,543	58	16	45	671	75	91	2	89	53	95	15	1,726
Construction.....	142				1		3						99
Other.....	10												
Salaries and wages, total ²	\$200,064,264	\$623,144	\$219,787	\$692,131	\$10,080,705	\$1,280,554	\$3,214,939	\$198,399	\$2,173,175	\$1,083,551	\$1,585,572	\$170,249	\$38,152,222
Salaried officers ²	23,807,713	86,421	45,575	131,354	913,197	103,462	409,354	34,220	188,654	151,816	127,257	35,442	3,169,653
Manufacturing:													
Salaries ²	24,966,055	97,954	33,825	71,681	1,167,628	172,694	388,071	22,633	223,860	129,880	229,153	21,032	4,425,329
Wages.....	132,944,964	380,157	123,576	427,040	6,768,954	873,542	2,237,998	137,716	1,567,194	735,804	1,076,020	93,265	27,104,265
Distribution.....	18,008,248	58,612	16,811	62,056	1,230,926	130,856	175,847	3,830	193,497	66,051	153,142	20,480	3,224,170
Construction.....	300,951						3,669						228,805
Other.....	36,333												
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	191,733,637	637,012	150,380	651,569	9,892,167	1,109,752	2,593,818	180,047	1,681,115	1,411,869	1,645,910	112,367	35,342,974
Materials and supplies.....	167,372,510	588,447	139,288	625,665	8,583,845	957,679	2,173,806	163,193	1,464,456	1,337,503	1,522,984	105,756	28,649,981
Fuel.....	1,627,597	4,681	1,465	4,563	35,803	9,439	33,568	3,208	16,774	4,694	10,667	1,092	320,808
Purchased electric energy.....	4,991,944	23,383	7,370	15,854	225,805	30,847	83,760	6,709	34,631	38,672	44,650	4,446	877,590
Contract work.....	17,741,586	20,501	2,257	5,487	1,049,714	111,787	302,684	6,937	165,254	31,000	67,609	1,073	5,494,595
Value of products and receipts.....	515,435,609	1,739,966	488,222	1,769,417	27,768,497	3,102,354	7,183,708	505,241	5,181,691	3,613,227	4,526,667	371,615	95,600,226
Value added to materials ³	323,701,972	1,102,954	337,842	1,117,848	17,876,330	1,992,602	4,589,890	325,104	3,500,576	2,201,358	2,880,757	259,248	60,257,252

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi
Number of establishments ¹	226	140	76	78	96	52	161	504	333	205	32
Proprietors and firm members.....	176	119	82	64	78	44	149	397	295	179	30
Persons reported by manufacturing establishments, total ²	2,864	1,246	679	1,337	971	264	2,451	5,621	3,837	2,616	265
Salaried officers of corporations ³	153	85	22	68	58	28	102	253	161	152	15
Manufacturing:											
Salaried employees ³	363	198	109	135	119	29	257	674	507	279	36
Wage earners (average for the year) ³	2,058	880	497	1,068	702	197	1,973	4,419	2,874	1,888	170
Distribution.....	285	83	51	66	92	10	112	274	292	297	44
Construction.....	5						3	1	3		
Other.....							4				
Salaries and wages, total ⁴	\$4,099,760	\$1,689,520	\$912,715	\$1,699,456	\$1,241,719	\$317,853	\$3,612,510	\$8,422,605	\$5,729,867	\$4,153,297	\$349,516
Salaried officers ³	542,490	283,682	102,639	182,559	168,623	62,114	382,233	1,002,842	646,345	575,345	34,225
Manufacturing:											
Salaries ³	603,810	284,121	153,036	227,331	162,654	33,206	436,683	1,109,579	859,851	476,213	56,445
Wages.....	2,532,364	979,839	568,087	1,212,035	802,618	214,016	2,542,804	5,743,518	3,704,044	2,540,002	197,912
Distribution.....	413,715	141,873	88,953	77,531	107,824	8,517	224,653	561,466	510,409	561,737	60,934
Construction.....	7,381						5,149	5,200	9,218		
Other.....							20,988				
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	3,650,636	1,528,566	1,313,983	1,871,009	1,182,486	270,370	3,768,585	7,226,089	5,641,471	3,658,519	322,270
Materials and supplies.....	3,318,961	1,359,996	1,241,753	1,783,315	1,069,044	228,743	3,381,267	6,326,301	4,866,689	3,219,388	302,430
Fuel.....	39,063	20,776	8,034	16,328	7,541	4,955	29,681	101,490	69,842	31,017	2,216
Purchased electric energy.....	95,635	40,656	25,134	38,608	46,548	8,839	93,031	206,296	153,470	96,799	14,065
Contract work.....	195,977	107,138	39,017	32,758	59,353	27,833	264,606	592,002	551,470	311,315	3,559
Value of products and receipts.....	10,007,919	4,578,399	3,079,606	4,417,307	3,588,081	818,327	9,273,879	20,878,188	15,259,815	9,991,719	1,005,075
Value added to materials ⁵	6,357,283	3,049,833	1,765,618	2,546,298	2,405,595	547,957	5,505,294	13,652,099	9,618,344	6,333,200	682,805

ITEM	Missouri	Montana	Nebraska	New Jersey	New Mexico	New York	North Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsylvania	Rhode Island
Number of establishments ¹	313	21	79	350	11	1,823	100	12	610	91	93	705	57
Proprietors and firm members.....	237	18	71	293	16	1,419	90	8	522	78	91	686	44
Persons reported by manufacturing establishments, total ²	4,609	211	930	4,483	61	23,171	967	137	9,946	559	539	10,458	514
Salaried officers of corporations ³	257	16	56	174		1,420	49	10	347	40	61	364	44
Manufacturing:													
Salaried employees ³	563	35	133	493	4	2,628	111	24	1,347	73	82	1,272	72
Wage earners (average for the year) ³	3,477	141	628	3,401	55	17,433	759	87	7,502	381	368	8,215	370
Distribution.....	310	19	110	415	2	1,675	48	16	742	65	28	604	28
Construction.....	2		3			10			8			3	
Other.....						5							
Salaries and wages, total ⁴	\$7,218,528	\$311,603	\$1,457,750	\$7,551,879	\$81,978	\$40,062,013	\$1,187,931	\$225,505	\$15,710,395	\$751,622	\$834,505	\$15,200,369	\$694,081
Salaried officers ³	980,309	44,980	246,569	689,758		6,139,222	155,267	39,348	1,811,472	128,958	174,915	1,558,889	141,705
Manufacturing:													
Salaries ³	1,012,861	40,750	225,793	1,014,147	2,554	4,531,964	149,478	34,303	2,228,988	96,265	110,449	1,936,452	93,640
Wages.....	4,527,323	202,679	780,806	5,038,973	75,413	25,761,944	806,104	112,124	10,178,103	432,128	499,031	10,577,632	424,220
Distribution.....	695,050	23,254	201,003	809,001	4,011	3,603,728	77,082	39,730	1,478,005	94,271	49,110	1,119,596	34,516
Construction.....	2,985		3,579			10,226			13,827		1,000	7,800	
Other.....						14,929							
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	6,955,725	329,506	1,264,683	7,084,354	79,962	38,287,352	1,204,619	114,887	17,707,728	740,833	693,459	13,191,243	622,162
Materials and supplies.....	6,232,430	307,040	1,146,655	6,068,315	74,252	32,576,524	1,125,633	103,365	16,421,074	664,131	635,623	11,739,969	542,976
Fuel.....	61,982	2,197	17,801	82,595	1,095	214,940	8,482	2,595	126,044	6,846	5,655	157,787	6,929
Purchased electric energy.....	146,886	9,632	31,889	170,522	4,090	1,199,305	33,790	6,002	335,421	23,665	26,959	356,605	20,676
Contract work.....	514,427	10,637	68,338	762,922	525	4,296,583	36,714	2,925	825,189	46,191	25,222	936,882	51,581
Value of products and receipts.....	18,193,631	804,601	3,598,330	18,621,829	247,171	102,015,813	3,185,388	407,245	45,049,334	2,100,587	2,106,454	37,401,914	1,741,908
Value added to materials ⁵	11,237,906	475,095	2,333,647	11,537,475	167,209	63,728,461	1,980,769	292,358	27,341,606	1,359,754	1,412,995	24,210,671	1,119,746

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	South Carolina	South Dakota	Tennes- see	Texas	Utah	Vermont	Virginia	Washing- ton	West Virginia	Wiscon- sin	Wyom- ing	Other States ¹
Number of establishments ¹	39	13	108	315	36	20	111	147	48	232	9	33
Proprietors and firm members	30	7	106	334	30	13	71	122	30	154	7	27
Persons reported by manufacturing estab- lishments, total ²	335	128	1,488	2,293	278	154	1,393	1,102	516	3,169	45	909
Salaried officers of corporations ³	20	11	67	137	19	11	84	84	33	203	3	14
Manufacturing:												
Salaried employees ³	52	23	177	280	43	16	167	137	79	316	10	79
Wage earners (average for the year) ³	240	77	1,121	1,646	194	126	1,055	778	377	2,374	28	788
Distribution	23	17	122	230	22	1	86	103	27	276	4	28
Construction			1				1					
Other												
Salaries and wages, total ³	\$416,824	\$193,688	\$1,965,663	\$2,943,047	\$383,723	\$184,176	\$1,886,127	\$1,750,108	\$738,743	\$5,194,382	\$78,991	\$1,337,267
Salaried officers ³	62,276	36,124	205,213	405,190	55,148	27,744	251,757	241,904	116,072	855,024	10,660	49,707
Manufacturing:												
Salaries ³	72,656	33,584	202,769	352,334	60,147	21,539	230,455	218,695	124,442	560,016	11,086	153,989
Wages	248,928	95,494	1,301,642	1,843,147	220,289	133,825	1,212,494	1,096,351	463,838	3,231,541	51,797	1,066,368
Distribution	32,964	28,486	195,623	342,376	48,139	1,068	189,309	193,218	34,391	547,801	5,448	67,203
Construction							2,112					
Other			416									
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	355,008	121,365	2,602,557	2,808,443	313,242	113,505	1,797,656	1,563,476	483,915	6,594,177	51,349	844,462
Materials and supplies	322,125	114,490	2,470,820	2,558,605	275,960	97,944	1,673,666	1,388,570	451,570	6,226,591	48,377	695,315
Fuel	3,851	2,119	16,655	21,790	4,967	3,815	19,639	11,417	6,996	55,615	507	8,073
Purchased electric energy	14,290	4,392	46,920	87,789	14,239	7,967	45,916	41,390	17,359	108,564	1,887	24,941
Contract work	15,242	364	68,162	135,259	18,076	3,779	58,435	122,099	7,990	173,407	578	116,133
Value of products and receipts	1,019,233	430,763	6,108,462	8,074,124	920,419	377,913	4,894,202	4,443,772	1,632,015	14,355,684	169,640	2,736,031
Value added to materials ⁴	664,225	309,398	3,505,905	5,270,681	607,177	264,408	3,096,546	2,880,296	1,198,100	7,791,507	118,291	1,891,569

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Nevada, 5 establishments; New Hampshire, 28.

TABLE 3.—VALUE OF PRODUCTS AND RECEIPTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
General Commercial (Job) Printing industry, all products, total value	\$515,435,609	\$549,521,300
General commercial (job) printing done in this industry	429,661,897	475,855,757
Products not classified in this industry	¹ 85,773,712	73,665,543
General commercial (job) printing, total value	542,537,931	587,587,852
General commercial (job) printing done in this industry	429,661,897	475,855,757
General commercial (job) printing, secondary activity of other industries	112,876,034	111,732,095

¹ Lithographing and photo-lithographing, engraving, rotogravure printing, book-binding and blank-book making, loose-leaf manufactures of forms and binders, paper ruling and cutting, electrotyping and stereotyping, and composition (machine and hand) sold to the trade.

TABLE 4.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

PRODUCT ¹	1939		Total	1937
	Produced in the industry	Produced in other industries		
Total value	\$429,661,897	\$112,876,034	\$542,537,931	\$587,587,852
Newspapers and periodicals printed for others	59,056,890	28,794,717	87,851,607	² 81,772,099
Ready prints	1,312,715	294,408	1,607,123	1,373,425
Labels (paper, metalized paper, or foil)	34,470,698	4,654,090	39,124,788	² 38,811,631
Tags and seals (paper and paperboard)	11,299,779	2,660,485	13,960,264	² 13,061,982
Direct mail (letters, cir- clars, etc.)	13,656,066	6,817,630	20,473,696	22,186,316
Souvenir cards	696,937	714,889	1,411,826	(³)
Legal printing	7,563,227	1,281,050	8,844,277	7,801,954
Railroad-tariff	3,496,358	410,479	3,906,837	3,571,570
Color (posters, displays, cal- endars, etc.)	20,961,938	4,101,364	25,063,302	² 19,649,233
Printing on metal	181,929	5,163	187,092	207,170
Bank and general commer- cial printing	276,076,249	61,844,935	337,921,184	396,706,344
Multigraphing, mimeograph- ing, etc., done in printing establishments ⁴	889,171	1,296,824	2,185,995	2,446,128

¹ See table 6, p. 714, for production of these items by other processes.² Revised.³ Data not available.⁴ No data collected for multigraphing, mimeographing, etc., done by establish-ments engaged wholly or chiefly in this class of work.

TABLE 5.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, BY STATES: 1939

	News- papers and periodicals printed for others ¹	Ready prints ¹	Labels (paper, metalized paper, or foil) ¹	Tags and seals (paper and paper- board) ¹	Direct mail (letters, circulars, etc.) ¹	Souvenir cards ¹	Legal printing ¹	Railroad- tariff ¹	Color (posters, displays, calendars, etc.) ¹	Bank and general commercial printing and printing on metal ¹	Multi- graphing, mimeo- graphing, etc., done in printing estab- lishments
United States.....	\$87,851,607	\$1,607,123	\$39,124,788	\$13,960,264	\$20,473,636	\$1,411,826	\$8,844,277	\$3,906,837	\$25,063,302	\$338,108,276	\$2,185,095
Alabama.....	153,502	(²)	4,116	5,672	78,536	(²)	30,534	(²)	18,924	1,070,772	(²)
Arizona.....	113,432	(²)	1,522	1,442	10,665	3,429	910	(²)	2,288	534,458	(²)
Arkansas.....	91,825	19,983	4,253	1,175	15,875	1,100	31,531	(²)	32,317	1,571,274	(²)
California.....	4,983,877	71,320	1,926,399	454,893	893,009	30,919	534,891	227,282	1,175,118	21,568,352	440,553
Colorado.....	313,592	(²)	74,871	23,342	58,783	1,730	68,671	33,638	75,001	2,436,014	6,924
Connecticut.....	2,196,237	3,045	123,239	47,124	438,686	2,428	65,716	(²)	127,629	5,589,193	7,928
Delaware.....	4,910	(²)	(²)	(²)	15,811	(²)	18,000	(²)	19,718	562,822	(²)
District of Columbia.....	1,143,148	(²)	15,334	3,643	169,892	1,750	265,498	(²)	37,364	2,341,189	31,584
Florida.....	158,110	(²)	434,215	22,407	76,718	22,498	46,545	(²)	180,231	3,291,725	16,997
Georgia.....	760,606	(²)	182,264	116,201	101,418	10,611	70,289	304,113	225,741	3,197,943	(²)
Idaho.....	23,521	(²)	11,004	2,716	28,785	(²)	8,263	(²)	9,051	566,556	1,433
Illinois.....	28,503,860	62,984	6,325,749	2,004,635	3,597,942	592,494	1,465,242	1,429,560	4,448,169	42,056,923	540,204
Indiana.....	1,439,941	92,150	636,612	415,582	494,027	5,075	105,249	(²)	292,955	6,965,867	7,500
Iowa.....	305,756	(²)	88,372	60,916	143,411	(²)	64,463	5,595	1,221,220	4,060,324	15,210
Kansas.....	148,538	(²)	11,602	10,867	56,930	4,303	23,005	(²)	177,232	3,230,677	8,558
Kentucky.....	2,015,853	(²)	167,131	15,623	56,964	(²)	39,087	(²)	43,684	2,711,668	1,734
Louisiana.....	142,817	19,229	117,305	62,909	79,253	9,490	155,576	103,536	46,140	2,812,690	5,750
Maine.....	70,648	(²)	15,717	9,788	93,639	2,660	12,552	14,960	18,662	761,921	(²)
Maryland.....	1,196,918	(²)	2,738,506	12,983	189,067	(²)	78,498	30,754	343,297	4,677,640	34,169
Massachusetts.....	2,035,080	22,863	1,685,453	2,514,655	1,201,007	3,645	128,457	22,401	659,894	15,753,760	125,387
Michigan.....	2,176,762	55,226	1,180,372	379,797	1,114,495	133,814	257,130	44,426	398,057	11,524,242	58,289
Minnesota.....	922,656	56,395	296,023	227,790	767,239	8,029	198,985	237,606	1,636,824	8,431,222	69,400
Mississippi.....	50,975	(²)	6,300	7,675	70,353	(²)	19,195	(²)	12,122	1,054,205	(²)
Missouri.....	2,233,391	353,128	2,922,495	370,787	827,156	4,328	251,142	287,476	839,947	10,089,921	38,361
Montana.....	98,106	(²)	2,227	2,609	7,253	(²)	38,053	(²)	14,467	937,396	(²)
Nebraska.....	287,810	47,647	19,887	6,364	108,223	1,650	29,570	(²)	162,026	3,221,246	11,094
Nevada.....	7,850	(²)	4,590	2,800	(²)	(²)	12,818	(²)	8,434	220,750	(²)
New Hampshire.....	1,606,984	(²)	353,022	1,815	25,990	(²)	14,029	(²)	15,007	579,752	(²)
New Jersey.....	2,450,624	12,550	635,269	553,438	547,341	48,425	369,972	3,430	1,444,032	12,051,851	20,099
New Mexico.....	70,772	(²)	1,413	(²)	4,830	(²)	2,618	(²)	2,782	338,672	(²)
New York.....	13,276,555	136,387	8,211,537	2,427,178	3,880,549	241,174	2,816,371	695,335	6,840,261	66,392,808	455,587
North Carolina.....	460,864	4,720	587,417	39,756	100,207	(²)	36,923	(²)	47,355	2,165,240	1,300
North Dakota.....	41,881	(²)	(²)	(²)	9,730	(²)	18,503	(²)	17,187	598,230	1,400
Ohio.....	4,504,804	54,758	4,534,511	1,229,836	2,260,872	38,022	507,275	73,900	1,595,772	28,714,334	100,372
Oklahoma.....	140,988	(²)	5,771	59,892	(²)	(²)	73,018	(²)	70,972	2,233,296	3,997
Oregon.....	398,338	(²)	244,486	4,862	64,263	(²)	35,059	27,037	54,260	2,089,492	4,080
Pennsylvania.....	8,604,120	81,405	2,404,779	2,230,967	1,368,465	36,514	457,531	33,902	1,028,741	25,651,790	7,734
Rhode Island.....	30,371	3,450	338,276	110,643	134,059	(²)	2,260	(²)	61,386	1,326,293	6,580
South Carolina.....	81,191	(²)	33,286	20,079	22,312	5,800	44,846	(²)	18,933	927,803	(²)
South Dakota.....	35,094	(²)	5,480	8,880	5,016	(²)	25,409	(²)	7,885	555,064	(²)
Tennessee.....	750,331	26,689	1,285,604	84,128	143,905	6,350	30,160	5,159	362,041	3,142,347	(²)
Texas.....	794,173	43,607	216,224	279,214	270,198	12,131	149,363	19,269	277,124	7,200,006	31,090
Utah.....	129,758	(²)	24,519	4,542	7,902	(²)	37,898	(²)	18,063	878,551	(²)
Vermont.....	124,211	(²)	3,966	1,230	7,787	(²)	6,900	(²)	7,706	539,257	(²)
Virginia.....	451,066	(²)	284,816	31,299	46,989	(²)	30,427	77,828	238,750	4,138,816	(²)
Washington.....	731,529	(²)	239,072	15,660	170,748	(²)	27,100	27,280	147,182	3,243,010	11,356
West Virginia.....	92,764	(²)	6,588	3,447	10,367	(²)	23,729	(²)	16,573	1,726,090	(²)
Wisconsin.....	1,479,642	128,276	702,097	119,449	629,822	175,282	98,312	(²)	551,416	11,417,832	81,673
Wyoming.....	15,826	(²)	3,391	1,958	(²)	(²)	16,714	(²)	13,322	284,092	(²)
Undistributed ⁴		251,401	878	1,717	4,255	8,175		202,350			30,702

¹ See table 6 for production of this item by other processes.² Bank and general commercial printing, \$337,921,184; printing on metal, \$187,092.³ Included in "Undistributed" item to avoid disclosing, exactly or approximately, data reported by individual printers or publishers.⁴ These figures are the sums of those for the items covered by footnote 3 in the respective columns.

TABLE 6.—PRODUCTS OF THE GENERAL JOB PRINTING, LITHOGRAPHING, GREETING CARDS, AND GRAVURE AND ROTOGRAVURE INDUSTRIES, DISTRIBUTED BY PROCESS: 1939

[This table shows the production figures for each of the four industries of this report distributed according to process. See production table for each industry]

	Total value	Letterpress	Lithographing and photo- lithographing	Engraving (steel, copper- plate, and wood); plate printing	Gravure, roto- gravure, and rotary photo- gravure
Newspapers and periodicals printed for others.....	\$100,649,830	\$87,851,607	\$1,025,568		\$11,772,655
Books and pamphlets printed for others (other than direct mail).....	90,606,765	77,646,763	7,624,499		5,055,935
Labels (paper, metalized paper, or foil).....	68,666,700	39,124,788	27,087,099	\$279,568	
Tags and seals (paper and paperboard).....	14,362,556	13,960,264	340,493	61,799	
Ready prints.....	1,036,364	1,607,123	329,241		
Maps and atlases made for others.....	8,297,553	576,004	2,720,849	800	
Direct mail:					
Books and pamphlets.....	42,526,201	36,086,720	5,281,972	221,347	936,162
Letters, circulars, etc.....	27,874,129	20,473,636	5,499,108		1,901,385
Color (posters, displays, calendars, etc.).....	68,768,098	25,063,302	42,886,266		818,530
Legal printing.....	9,244,635	8,844,277	400,358		
Printing on metal.....	6,026,863	187,092	6,739,771		
Railroad-tariff.....	5,251,528	3,906,837	1,344,691		
Music (book and sheet) printed for others.....	2,289,453	572,905	1,596,127	120,421	
Greeting cards printed for others.....	15,972,027	9,888,265	4,297,033	1,271,791	514,938
Souvenir cards.....	2,605,659	1,411,826	1,179,303	14,530	
Bank and commercial (checks, stationery, letters, circulars, etc.).....	400,565,944	337,921,184	49,540,948	10,076,047	2,127,765

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	96,039	95,510	95,273	95,768	95,508	94,997	94,285	93,949	94,562	96,445	97,531	98,615	100,024
1937.....	108,763	108,724	109,411	109,602	109,873	109,326	107,357	106,797	107,096	109,283	109,778	109,185	108,728
Alabama.....	348	338	339	353	351	353	330	342	356	364	349	346	355
Arizona.....	106	111	112	110	112	115	106	93	98	106	106	105	100
Arkansas.....	325	323	310	325	325	329	322	338	332	335	329	320	315
California.....	4,440	4,335	4,330	4,346	4,479	4,480	4,406	4,327	4,507	4,419	4,511	4,535	4,600
Colorado.....	606	589	610	624	631	641	609	593	608	588	585	587	606
Connecticut.....	1,570	1,511	1,514	1,522	1,525	1,529	1,524	1,560	1,577	1,582	1,643	1,657	1,691
Delaware.....	139	132	138	148	137	142	144	137	136	137	132	143	141
District of Columbia.....	1,064	1,098	1,113	1,109	1,106	1,071	1,061	969	1,034	1,028	1,028	1,068	1,077
Florida.....	616	668	648	638	612	612	567	562	541	586	638	643	672
Georgia.....	888	894	882	889	886	871	877	829	883	908	893	893	946
Idaho.....	62	67	67	66	67	66	69	55	54	54	65	58	59
Illinois.....	17,528	18,047	17,432	17,298	17,073	16,860	16,863	17,678	17,460	17,569	17,759	17,872	18,431
Indiana.....	2,058	2,016	2,034	2,042	2,029	2,055	2,033	2,015	2,059	2,142	2,131	2,091	2,054
Iowa.....	880	828	833	829	880	891	865	879	904	935	916	911	893
Kansas.....	497	463	489	493	471	519	471	503	499	501	507	528	515
Kentucky.....	1,068	1,007	1,035	1,021	1,007	1,026	1,067	1,081	1,082	1,066	1,123	1,124	1,142
Louisiana.....	702	710	714	705	699	703	701	695	688	695	702	704	703
Maine.....	197	188	196	207	195	198	197	195	204	196	199	197	196
Maryland.....	1,973	1,983	1,995	2,009	2,022	1,977	1,950	1,951	1,940	1,955	1,973	1,951	1,965
Massachusetts.....	4,419	4,287	4,266	4,271	4,238	4,329	4,385	4,363	4,368	4,528	4,671	4,662	4,657
Michigan.....	2,874	2,872	2,906	2,879	2,893	2,876	2,850	2,756	2,831	2,859	2,874	2,950	2,947
Minnesota.....	1,888	1,867	1,894	1,911	1,927	1,880	1,890	1,873	1,863	1,877	1,871	1,895	1,907
Mississippi.....	170	165	171	170	170	165	165	170	169	174	174	178	174
Missouri.....	3,477	3,369	3,474	3,528	3,465	3,409	3,399	3,402	3,448	3,520	3,493	3,552	3,663
Montana.....	141	139	137	141	141	148	143	135	144	146	142	137	141
Nebraska.....	628	620	638	624	616	627	622	626	609	618	627	630	671
Nevada.....	26	23	30	25	25	27	28	27	25	20	25	22	33
New Hampshire.....	762	791	773	776	780	776	763	743	735	758	748	740	765
New Jersey.....	3,401	3,395	3,385	3,411	3,364	3,336	3,334	3,174	3,317	3,498	3,495	3,489	3,611
New Mexico.....	55	56	60	54	52	54	52	53	51	53	67	53	55
New York.....	17,433	17,359	17,233	17,583	17,482	17,390	17,229	16,696	16,800	17,340	17,521	18,211	18,349
North Carolina.....	759	750	746	750	756	749	762	751	763	774	762	775	766
North Dakota.....	87	81	85	85	84	84	91	89	84	91	85	83	88
Ohio.....	7,502	7,418	7,499	7,519	7,511	7,448	7,445	7,446	7,355	7,471	7,611	7,654	7,649
Oklahoma.....	381	370	374	394	385	387	389	383	363	367	366	389	403
Oregon.....	368	358	366	375	383	402	359	354	343	367	371	365	375
Pennsylvania.....	8,215	7,963	8,119	8,209	8,148	8,035	7,962	7,920	8,094	8,384	8,502	8,548	8,700
Rhode Island.....	370	384	371	372	377	376	375	358	345	360	372	376	379
South Carolina.....	240	233	243	242	240	241	237	235	230	243	238	242	244
South Dakota.....	77	81	79	81	77	74	74	74	74	72	76	81	83
Tennessee.....	1,121	1,133	1,111	1,104	1,137	1,121	1,072	1,049	1,075	1,099	1,186	1,181	1,184
Texas.....	1,646	1,611	1,638	1,628	1,660	1,663	1,616	1,619	1,641	1,647	1,671	1,653	1,666
Utah.....	194	195	194	189	196	196	193	185	198	205	195	194	193
Vermont.....	126	128	133	136	127	123	126	125	128	122	120	125	124
Virginia.....	1,055	1,023	1,037	1,042	1,050	1,049	1,021	1,041	1,050	1,068	1,089	1,099	1,091
Washington.....	778	764	750	762	791	822	813	758	766	783	776	763	785
West Virginia.....	377	377	376	375	381	372	375	371	371	380	379	383	385
Wisconsin.....	2,374	2,337	2,360	2,368	2,385	2,365	2,324	2,345	2,333	2,398	2,407	2,424	2,446
Wyoming.....	28	29	29	30	30	30	29	26	27	27	28	28	29

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	9,595
Reporting expenditures for plant and equipment.....	4,281
Value of products:	
Total for the industry.....	\$515,435,609
Reporting expenditures for plant and equipment.....	355,823,108
Expenditures for plant and equipment:	
Total for the industry.....	14,137,493
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	1,459,379
Expenditures for new machinery and operating equipment.....	10,758,452
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	1,791,468
Expenditures unclassified.....	128,194

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments.....	9,595
Number of establishments reporting power equipment.....	9,582
Prime movers, aggregate:	
Number.....	41
Horsepower.....	6,078
Prime movers, driving generators, total—	
Number.....	34
Horsepower.....	5,925
Steam engines—	
Number.....	21
Horsepower.....	4,605
Steam turbines—	
Number.....	1
Horsepower.....	200
Diesel and semi-Diesel engines—	
Number.....	8
Horsepower.....	860
Other internal-combustion engines ² —	
Number.....	2
Horsepower.....	120
Hydroturbines and water wheels—	
Number.....	2
Horsepower.....	140

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Prime movers—Continued.	
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	1,315
Prime movers not driving generators, total—	
Number.....	7
Horsepower.....	153
Steam engines—	
Number.....	1
Horsepower.....	10
Diesel and semi-Diesel engines—	
Number.....	1
Horsepower.....	25
Other internal-combustion engines ² —	
Number.....	4
Horsepower.....	43
Hydroturbines and water wheels—	
Number.....	1
Horsepower.....	75
Prime movers not driving generators, ordinarily idle (included above), horsepower.....	102
Generators, kilowatt rating, total.....	4,055
Generators, driven by—	
Steam engines, kilowatt rating.....	3,261
Steam turbines, kilowatt rating.....	35
Diesel and semi-Diesel engines, kilowatt rating.....	559
Other internal-combustion engines, ² kilowatt rating.....	80
Hydroturbines and water wheels, kilowatt rating.....	120
Generators, ordinarily idle (included above), kilowatt rating.....	894
Electric motors, total:	
Number.....	114,302
Horsepower.....	195,269
Driven by purchased energy—	
Number.....	112,676
Horsepower.....	190,128
Driven by energy generated in establishments reporting—	
Number.....	1,626
Horsepower.....	5,141
Electric energy (kilowatt-hours):	
Generated in plant.....	6,813,987
Sold.....	590,485
Purchased.....	204,328,334

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

LITHOGRAPHING AND PHOTO-LITHOGRAPHING (INCLUDING PREPARATION OF STONES OR PLATES AND DRY TRANSFERS)

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—The establishments assigned to this industry are primarily engaged in the preparation of lithograph plates of stone or of metal, and in printing from such plates. The greater part of the work done in the industry is lithographing done on a job or custom basis to individual order, but in some cases lithographed calendars, commercial forms, maps, illustrated cards, posters, etc., are made for sale. That branch of lithography known as offset printing is included in this classification. Lithographing of books and pamphlets for publishers is classified in the "Books: printing without publishing" industry and lithographing of greeting cards is included in the "Greeting cards (except hand-painted)" industry.

Statistics for prior census years.—The constitution of the industry was changed somewhat for the census of 1939, some of the reports for the new industries—"Greeting cards (except hand-painted)" and "Books:

printing without publishing"—were formerly classified in this industry. The reports for 1937 were retabulated to obtain figures comparable with those for 1939, but no adjustments were made for earlier years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
1939.....	749	26,000	\$37,929,201	\$57,686,434	\$154,394,787	\$96,708,353	11,804
1937 ⁴	516	22,533	33,951,799	50,730,517	129,244,274	78,513,757	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ No comparable figures for earlier years.

⁵ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Colorado	Connecticut	District of Columbia	Georgia	Illinois	Indiana	Iowa
Number of establishments ¹	749	50	5	10	14	4	89	16	5
Proprietors and firm members.....	278	41	2	3	6	—	20	11	—
Persons reported by manufacturing establishments, total ²	34,722	2,300	93	260	264	204	6,543	207	121
Salaried officers of corporations ³	1,179	50	1	17	22	13	169	15	6
Manufacturing:									
Salaried employees ³	3,966	313	10	33	20	20	715	24	14
Wage earners (average for the year) ³	26,000	1,665	72	191	197	142	4,866	159	80
Distribution.....	3,464	258	10	18	25	29	754	9	21
Construction.....	78	13	—	1	—	—	17	—	—
Other.....	35	1	—	—	—	—	22	—	—
Salaries and wages, total ³	\$62,178,985	\$4,891,059	\$144,990	\$414,693	\$488,520	\$363,752	\$11,340,247	\$316,454	\$195,090
Salaried officers ³	7,331,679	365,328	8,500	62,648	119,732	60,255	1,243,750	63,853	28,300
Manufacturing:									
Salaries ³	7,985,005	605,268	14,062	72,324	39,448	25,067	1,505,482	38,375	31,142
Wages.....	37,929,201	2,971,173	91,169	239,627	295,943	195,440	6,845,087	195,951	95,787
Distribution.....	8,713,536	912,014	31,259	38,506	33,397	82,990	1,666,038	18,275	39,861
Construction.....	155,446	36,221	—	1,588	—	—	33,791	—	—
Other.....	63,518	1,055	—	—	—	—	46,099	—	—
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	57,686,434	4,820,494	192,569	307,933	277,251	384,438	10,624,002	441,085	249,236
Materials and supplies.....	49,350,263	4,368,031	181,752	241,880	237,523	375,160	9,233,865	400,835	163,446
Fuel.....	525,371	9,411	1,154	5,066	3,322	5,911	95,008	3,788	2,978
Purchased electric energy.....	1,170,758	73,781	2,756	11,025	7,307	3,367	236,634	9,062	3,484
Contract work.....	6,640,042	369,271	6,907	49,962	29,099	—	1,058,495	27,400	79,328
Value of products and receipts.....	154,394,787	12,095,886	451,068	870,225	1,028,706	829,005	28,686,300	1,023,369	508,139
Value added to materials ³	96,708,353	7,275,392	258,499	562,292	751,455	444,567	18,062,298	582,284	258,903

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Kansas	Kentucky	Maryland	Massachusetts	Michigan	Missouri	New Jersey	New York	North Carolina
Number of establishments ¹	5	5	17	29	24	40	14	199	7
Proprietors and firm members	6	1	6	11	8	11	3	46	3
Persons reported by manufacturing establishments, total ¹	123	387	812	1,432	792	1,270	926	9,173	118
Salaried officers of corporations ²	4	10	33	40	35	80	28	351	6
Manufacturing:									
Salaried employees ²	9	48	86	183	112	172	121	1,006	18
Wage earners (average for the year) ³	86	281	616	1,099	570	817	733	6,839	84
Distribution	24	45	77	104	75	198	44	951	10
Construction		2		6		3		26	
Other		1							
Salaries and wages, total ²	\$171,134	\$584,503	\$1,242,887	\$2,516,297	\$1,352,591	\$2,295,689	\$1,546,370	\$17,845,798	\$122,826
Salaried officers ²	18,616	52,564	180,427	250,132	191,428	393,053	251,719	2,225,024	19,175
Manufacturing:									
Salaries ²	14,374	94,472	146,114	406,723	233,067	287,642	215,357	2,216,587	23,642
Wages	107,143	339,058	754,107	1,544,867	755,109	1,131,777	982,622	10,752,703	66,752
Distribution	31,001	94,213	162,239	301,790	172,987	478,261	96,672	2,613,586	13,257
Construction		4,100		12,785		4,956		37,838	
Other		96							
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	131,333	398,413	1,083,299	2,328,861	1,725,039	1,999,943	1,468,590	15,906,193	115,043
Materials and supplies	113,083	369,951	987,179	2,048,191	1,436,190	1,700,400	1,368,727	12,560,728	112,228
Fuel	581	5,421	12,792	16,765	17,782	10,726	15,770	126,477	457
Purchased electric energy	4,084	7,656	21,568	43,661	21,247	43,615	32,353	389,996	2,158
Contract work	13,585	15,385	61,760	220,244	249,820	245,202	51,740	2,828,992	200
Value of products and receipts	430,061	1,229,087	3,183,700	6,072,802	3,611,155	5,544,128	3,921,228	43,429,451	335,102
Value added to materials ⁴	298,728	830,674	2,100,401	3,743,941	1,886,116	3,544,185	2,452,638	27,523,258	220,050

ITEM	Ohio	Oklahoma	Pennsylvania	Tennessee	Texas	Virginia	Washington	Wisconsin	Other States ⁵
Number of establishments ¹	64	6	50	5	19	3	12	25	32
Proprietors and firm members	28	5	30		11		5	4	17
Persons reported by manufacturing establishments, total ¹	3,425	45	2,094	105	466	290	267	840	2,164
Salaried officers of corporations ²	74	4	73	9	20	10	26	43	40
Manufacturing:									
Salaried employees ²	387	7	231	10	75	26	37	79	210
Wage earners (average for the year) ³	2,652	30	1,592	72	325	234	173	670	1,754
Distribution	307	4	192	14	46	20	29	48	152
Construction	3		6				1		
Other	2						1		8
Salaries and wages, total ²	\$5,718,396	\$70,623	\$3,477,059	\$182,844	\$734,665	\$489,847	\$500,631	\$1,484,221	\$3,687,790
Salaried officers ²	564,305	16,340	407,290	31,340	85,865	73,450	106,214	225,228	287,143
Manufacturing:									
Salaries ²	735,253	10,145	426,174	18,718	118,978	52,908	65,182	142,523	446,578
Wages	3,700,182	33,874	2,127,709	104,092	433,702	301,261	259,129	968,905	2,635,972
Distribution	708,837	10,264	499,987	28,694	96,120	62,228	68,545	144,927	307,688
Construction	4,069		15,899				1,561	2,638	
Other	5,750								10,518
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	5,764,522	53,134	3,131,301	139,826	597,270	409,782	419,269	1,422,131	3,235,477
Materials and supplies	5,127,528	50,338	2,590,772	115,396	551,296	452,968	388,941	1,109,870	3,063,985
Fuel	89,996	762	32,166	1,460	3,602	4,897	2,171	10,366	46,542
Purchased electric energy	93,943	2,034	60,035	3,431	13,557	8,476	6,716	26,030	42,732
Contract work	453,055		448,328	19,489	28,815	3,441	21,441	275,865	82,218
Value of products and receipts	14,746,161	161,396	7,638,109	426,488	1,658,590	1,201,974	1,091,671	3,505,358	10,715,628
Value added to materials ⁴	8,981,639	108,262	4,506,808	286,662	1,061,320	732,192	672,402	2,083,227	7,480,151

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Alabama, 2 establishments; Arizona, 1; Delaware, 1; Louisiana, 3; Minnesota, 8; Nebraska, 2; New Hampshire, 2; New Mexico, 1; North Dakota, 1; Oregon, 1; Rhode Island, 2; South Carolina, 1; Utah, 3; Vermont, 1; West Virginia, 3.

TABLE 3.—VALUE OF PRODUCTS AND RECEIPTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Lithographing and Photo-Lithographing (Including Preparation of Stones or Plates and Dry Transfers) industry, all products, total value	\$154,394,787	\$129,244,274
Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) done in this industry	123,385,440	109,244,365
Products not classified in this industry	31,009,347	19,999,909
Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers), total value	147,701,879	133,149,925
Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) done in this industry	123,385,440	109,244,365
Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers), secondary activity of other industries	24,316,439	23,905,560

¹ Letterpress printing, engraving, rotogravure printing, bookbinding, blank-book making, composition (machine and hand) sold to the trade, and lithographing and photo-lithographing of books, pamphlets, and greeting cards.

LITHOGRAPHING AND PHOTO-LITHOGRAPHING

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TABLE 4.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

PRODUCT ¹	1939			1937
	Produced in the industry	Produced in other industries	Total	
Total value.....	\$123,385,440	\$24,316,439	\$147,701,879	\$133,149,925
Checks, stationery, etc.....	36,165,235	13,375,713	49,540,948	46,031,048
Color (posters, display, calendars, etc.).....	38,078,938	4,807,328	42,886,266	43,416,380
Direct mail (letters, circulars, etc.).....	4,154,557	1,344,551	5,499,108	4,884,230
Souvenir cards.....	1,154,189	25,114	1,179,303	(²)
Labels (paper, metalized paper, or foil).....	24,414,129	2,672,970	27,087,099	³ 24,928,571
Legal forms.....	342,227	58,181	400,358	702,162
Newspapers and periodicals lithographed and photo-lithographed for others.....	640,951	334,617	1,025,568	⁴ 1,528,036
Railroad-tariff.....	1,137,408	207,283	1,344,691	1,599,177
Ready prints.....	164,620	164,621	329,241	396,727
Tags and seals.....	313,383	27,110	340,493	² 329,444
Lithographing and photo-lithographing on metal.....	6,417,045	322,726	6,739,771	6,736,904
Lithograph and photo-lithograph plates made for others.....	3,319,350	587,887	3,907,237	2,597,187
Decalcomanias (dry transfers).....	7,083,408	338,388	7,421,796	(²)

¹ See table 6, p. 714, for production of these items by other processes.² Data not available.³ Revised.⁴ Published for 1937 as "Periodicals lithographed for others."

TABLE 5.—PRODUCTS AND RECEIPTS BY KIND AND VALUE, BY STATES: 1939

	Bank and commercial printing, souvenir cards, and ready prints ¹	Color (posters, displays, calendars, etc.) ¹	Direct mail (letters, circulars, etc.) ¹	Labels and tags and seals ¹	Railroad-tariff and legal ¹	Newspapers and periodicals lithographed and photo-lithographed for others ¹	Lithographing and photo-lithographing on metals ¹	Lithograph and photo-lithograph plates made for others	Decalcomanias (dry transfers)
United States.....	² \$51,049,492	\$42,886,266	\$5,499,108	³ \$27,427,592	⁴ \$1,745,049	\$1,025,568	\$6,739,771	\$3,907,237	\$7,421,796
Alabama.....	108,476	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Arizona.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Arkansas.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
California.....	3,097,214	1,475,064	55,443	5,943,999	12,672	130,757	(⁵)	72,257	238,831
Colorado.....	519,897	74,562	(⁵)	60,241	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Connecticut.....	706,072	79,897	28,686	4,793	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Delaware.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
District of Columbia.....	801,622	(⁵)	(⁵)	(⁵)	165,623	(⁵)	(⁵)	18,980	(⁵)
Florida.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Georgia.....	462,898	(⁵)	3,000	81,800	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Idaho.....	24,311	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Illinois.....	7,463,418	6,689,360	1,208,389	2,680,647	514,783	93,475	2,150,083	497,478	2,911,240
Indiana.....	597,872	879,703	89,981	91,958	(⁵)	(⁵)	(⁵)	15,730	(⁵)
Iowa.....	337,307	(⁵)	31,576	25,679	(⁵)	(⁵)	(⁵)	7,877	(⁵)
Kansas.....	286,512	143,763	31,330	(⁵)	(⁵)	(⁵)	(⁵)	2,800	(⁵)
Kentucky.....	547,945	100,119	(⁵)	147,063	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Louisiana.....	57,720	(⁵)	(⁵)	113,675	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Maine.....	26,206	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Maryland.....	1,263,643	(⁵)	(⁵)	1,560,752	(⁵)	(⁵)	(⁵)	98,111	(⁵)
Massachusetts.....	2,568,972	2,230,415	168,057	522,548	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Michigan.....	1,047,135	1,891,633	133,776	1,203,691	(⁵)	4,975	(⁵)	91,273	(⁵)
Minnesota.....	815,058	1,626,108	612,908	463,504	(⁵)	(⁵)	(⁵)	34,983	(⁵)
Mississippi.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Missouri.....	2,967,334	1,176,398	274,676	543,326	278,836	(⁵)	(⁵)	232,405	(⁵)
Montana.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Nebraska.....	425,544	36,851	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
New Hampshire.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
New Jersey.....	852,999	1,852,680	58,000	1,703,003	(⁵)	(⁵)	(⁵)	(⁵)	461,831
New Mexico.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
New York.....	12,410,517	14,099,997	1,739,246	8,042,944	530,153	500,500	1,105,060	1,591,931	1,412,742
North Carolina.....	48,705	68,464	(⁵)	96,378	(⁵)	(⁵)	(⁵)	(⁵)	76,279
North Dakota.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Ohio.....	3,911,390	4,183,061	441,907	1,051,238	(⁵)	178,848	3,281,369	426,909	1,568,845
Oklahoma.....	181,824	(⁵)	3,003	(⁵)	(⁵)	(⁵)	(⁵)	11,924	(⁵)
Oregon.....	215,984	5,509	10,164	15,513	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Pennsylvania.....	2,967,846	4,060,427	269,791	249,794	85,919	56,290	(⁵)	157,215	175,020
Rhode Island.....	714,924	(⁵)	70,192	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
South Carolina.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
South Dakota.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Tennessee.....	371,646	87,146	(⁵)	126,132	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Texas.....	1,612,548	147,955	24,503	89,975	3,287	(⁵)	(⁵)	30,750	97,098
Utah.....	110,728	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Vermont.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Virginia.....	299,048	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Washington.....	737,204	31,090	26,798	126,242	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
West Virginia.....	251,794	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Wisconsin.....	1,346,436	1,892,876	75,429	1,159,226	(⁵)	6,669	(⁵)	381,649	(⁵)
Undistributed ⁶	890,683	53,185	142,253	1,323,461	153,776	54,054	208,259	234,965	489,910

¹ See table 6, p. 714, for production of this item by other processes.² Bank and commercial printing, \$49,540,948; souvenir cards, \$1,179,303; ready prints, \$329,241.³ Labels, \$27,087,099; tags and seals, \$340,493.⁴ Railroad-tariff, \$1,344,691; legal printing, \$400,358.⁵ Included in "Undistributed" item to avoid disclosing, exactly or approximately, data for individual establishments.⁶ These figures are the sums of those items covered by footnote 5 in the respective columns.

CENSUS OF MANUFACTURES: 1939

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939	26,000	25,272	25,302	25,613	25,751	25,663	25,862	25,758	25,820	26,155	26,371	27,316	27,123
1937	22,533	21,840	22,097	22,561	22,490	22,608	22,688	22,417	22,417	22,776	23,032	22,988	22,484
California	1,665	1,616	1,628	1,637	1,624	1,643	1,676	1,674	1,688	1,699	1,728	1,688	1,684
Colorado	72	69	68	66	69	71	69	80	81	77	74	71	73
Connecticut	191	192	196	194	194	198	195	189	187	191	180	188	185
District of Columbia	197	198	200	203	219	201	199	191	193	194	192	188	189
Georgia	142	137	137	147	163	149	130	154	139	138	138	141	130
Illinois	4,866	4,581	4,681	4,721	4,644	4,713	4,803	4,830	4,902	4,954	4,961	5,239	5,359
Indiana	159	144	149	155	164	153	156	167	167	170	171	169	169
Iowa	80	83	87	96	81	79	72	76	77	77	78	79	76
Kansas	86	89	95	95	88	78	92	89	87	83	84	78	76
Kentucky	281	265	266	264	269	267	284	281	284	300	284	307	306
Louisiana	32	34	31	33	33	32	32	31	31	32	29	30	30
Maryland	616	604	598	609	599	588	624	589	606	637	623	665	650
Massachusetts	1,099	1,108	1,123	1,121	1,099	1,068	1,088	1,045	1,069	1,033	1,117	1,171	1,178
Michigan	570	539	558	575	567	561	575	541	584	611	576	578	570
Minnesota	1,144	1,149	1,038	1,042	1,048	1,053	1,052	1,052	1,122	1,227	1,274	1,361	1,307
Missouri	817	806	790	803	825	825	805	801	802	809	829	855	858
New Jersey	733	717	696	704	710	688	732	747	765	758	769	763	759
New York	6,839	6,767	6,852	6,896	6,819	6,783	6,748	6,672	6,697	6,834	6,814	7,163	7,028
North Carolina	84	78	80	79	78	79	86	88	88	89	87	85	85
Ohio	2,652	2,638	2,506	2,542	2,634	2,584	2,656	2,630	2,672	2,665	2,711	2,810	2,777
Oklahoma	30	31	30	30	30	30	30	30	30	30	30	30	30
Pennsylvania	1,592	1,408	1,443	1,525	1,780	1,762	1,731	1,748	1,524	1,506	1,568	1,585	1,526
Tennessee	72	69	68	70	72	71	73	72	72	70	72	79	77
Texas	325	316	324	330	329	329	315	326	324	318	323	327	343
Utah	41	42	42	42	39	38	38	43	43	42	42	41	40
Virginia	234	236	235	224	232	232	233	242	230	234	239	232	236
Washington	173	165	167	178	169	169	186	179	190	169	165	172	172
West Virginia	63	63	63	64	63	62	64	64	64	64	69	61	62
Wisconsin	670	664	660	682	669	652	667	685	662	694	668	691	676

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry	749
Reporting expenditures for plant and equipment	443
Value of products:	
Total for the industry	\$154,394,787
Reporting expenditures for plant and equipment	117,082,471
Expenditures for plant and equipment:	
Total for the industry	4,382,739
Expenditures for new construction or major alterations of buildings and other fixed plant and structures	452,788
Expenditures for new machinery and operating equipment	3,417,496
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land	509,805
Expenditures unclassified	2,650

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments	749
Number of establishments reporting power equipment	744
Prime movers, aggregate:	
Number	44
Horsepower	11,804
Prime movers, driving generators, total—	
Number	38
Horsepower	11,549
Steam engines—	
Number	32
Horsepower	9,404
Steam turbines—	
Number	1
Horsepower	1,125
Diesel and semi-Diesel engines—	
Number	3
Horsepower	150

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Prime movers—Continued.	
Prime movers, driving generators—Continued.	
Other internal-combustion engines ² —	
Number	2
Horsepower	870
Prime movers, driving generators, ordinarily idle (included above), horsepower	2,450
Prime movers not driving generators, total—	
Number	6
Horsepower	255
Steam engines—	
Number	5
Horsepower	205
Hydroturbines and water wheels—	
Number	1
Horsepower	50
Generators, kilowatt rating, total	6,474
Generators, driven by—	
Steam engines, kilowatt rating	5,042
Steam turbines, kilowatt rating	750
Diesel and semi-Diesel engines, kilowatt rating	82
Other internal-combustion engines, ² kilowatt rating	600
Generators, ordinarily idle (included above), kilowatt rating	1,602
Electric motors, total:	
Number	19,797
Horsepower	50,048
Driven by purchased energy—	
Number	17,105
Horsepower	43,170
Driven by energy generated in establishments reporting—	
Number	2,692
Horsepower	6,878
Electric energy (kilowatt-hours):	
Generated in plant	3,734,849
Sold	570,328
Purchased	49,245,475

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

GREETING CARDS (EXCEPT HAND-PAINTED)

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—The establishments classified in this industry are primarily engaged in designing and manufacturing greeting, valentine, and Christmas cards, and Christmas seals, printed, lithographed, etched, and otherwise processed. This industry includes establishments designing only, or manufacturing only, or both designing and manufacturing these products. The hand painting of greeting cards is not included in the manufacturing activities.

Statistics for prior census years.—This industry was established as a separate classification for the 1939 census. A special tabulation was made of the reports for 1937 in order to obtain figures comparable with

those for 1939, but no statistics for earlier years are available.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horse-power of prime movers
1939.....	109	7,522	\$7,264,165	\$15,490,146	\$39,715,439	\$24,225,293	(1)
1937.....	79	6,847	6,491,370	10,145,934	29,636,111	19,490,177	(9)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ None reported for 1939.

⁵ No comparable figures for earlier years. ⁶ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Illinois	Massachusetts	New York	Ohio	Pennsylvania	Other States ¹
Number of establishments ²	109	8	14	13	33	5	9	22
Proprietors and firm members.....	70	7	4	9	24	5	6	15
Persons reported by manufacturing establishments, total ³	9,983	238	1,107	2,337	2,423	1,316	656	1,906
Salaried officers of corporations ⁴	137	5	21	20	42	8	12	29
Manufacturing:								
Salaried employees ⁵	1,405	37	188	437	294	215	50	184
Wage earners (average for the year) ⁶	7,522	180	797	1,756	1,864	999	575	1,371
Distribution.....	904	36	100	124	223	94	19	308
Construction.....	15		1					14
Other.....								
Salaries and wages, total ⁷	\$12,266,714	\$330,248	\$1,450,505	\$2,771,494	\$3,257,094	\$1,479,442	\$707,009	\$2,270,922
Salaried officers ⁸	1,391,382	60,663	272,313	205,447	498,760	51,860	108,625	193,714
Manufacturing:								
Salaries ⁹	1,956,955	43,814	234,290	728,018	394,383	230,053	76,671	199,726
Wages.....	7,264,165	137,879	790,580	1,626,587	1,926,685	1,016,502	488,711	1,327,221
Distribution.....	1,634,502	87,892	152,112	211,442	437,266	131,027	83,002	531,761
Construction.....	19,710		1,210					18,500
Other.....								
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	15,490,146	223,904	1,638,513	3,598,096	5,668,975	1,284,320	704,389	2,371,949
Materials and supplies.....	10,380,777	134,422	1,083,206	2,217,217	3,714,117	884,681	588,890	1,758,244
Fuel.....	45,683	394	2,903	18,609	4,457	3,297	225	15,798
Purchased electric energy.....	153,248	2,674	16,399	31,595	51,142	15,758	7,517	28,163
Contract work.....	4,910,438	86,414	536,005	1,330,675	1,899,259	380,584	107,757	569,744
Value of products and receipts.....	39,715,439	679,901	5,342,257	8,079,679	12,028,468	4,635,245	1,769,775	7,180,114
Value added to materials ¹⁰	24,225,293	455,997	3,703,744	4,481,583	6,359,493	3,350,925	1,065,386	4,808,165

¹ Colorado, 1 establishment; Connecticut, 1; Florida, 1; Georgia, 1; Indiana, 2; Iowa, 2; Michigan, 4; Minnesota, 2; Missouri, 1; New Jersey, 3; Oregon, 2; Rhode Island, 2.

² See GENERAL EXPLANATIONS—Definition of establishment.

³ See GENERAL EXPLANATIONS—Persons engaged—general classification.

⁴ See GENERAL EXPLANATIONS—Wage earners and wages.

⁵ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—VALUE OF PRODUCTS AND RECEIPTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Greeting Cards (Except Hand-Painted) industry, all products, total value.....	\$39,715,439	\$29,636,111
Greeting cards (except hand-painted) made in this industry.....	37,021,733	27,764,517
Products not classified in this industry.....	2,693,706	1,871,594
Greeting cards (except hand-painted), total value.....	44,286,121	32,636,959
Greeting cards (except hand-painted) made in this industry.....	37,021,733	27,764,517
Greeting cards (except hand-painted), a secondary activity of other industries.....	7,264,388	4,872,442

¹ Includes value of souvenir cards.² Souvenir cards, labels, color (posters, displays, calendars, etc.), and general commercial printing.

TABLE 4.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

PRODUCT	1939			1937
	Produced in the industry	Produced in other industries	Total	
Greeting cards (except hand-painted), total value ¹	\$37,021,733	\$7,264,388	\$44,286,121	\$32,636,959
Published only.....	6,091,007	121,021	6,212,028	(2)
Printed and published.....	21,368,676	733,390	22,102,066	
Printed for others ¹	9,562,050	6,409,977	15,972,027	

¹ Since the greater part of this work is done for publishers of greeting cards, the total value of products includes duplication resulting from this fact.² Includes value of souvenir cards.³ Data not available.⁴ Produced by the following processes: Letterpress, \$9,888,265; lithography, \$4,297,033; engraving, \$1,271,791; rotogravure, \$514,938.

TABLE 5.—VALUE OF PRODUCTS AND RECEIPTS, BY STATES: 1939

STATES	1939	STATES	1939
United States.....	\$44,286,121	Montana.....	\$2,612
Alabama.....	5,533	Nebraska.....	10,856
Arizona.....	5,606	Nevada.....	3,760
Arkansas.....	11,888	New Hampshire.....	3,100
California.....	1,034,273	New Jersey.....	293,383
Colorado.....	20,228	New Mexico.....	2,147
Connecticut.....	946,405	New York.....	12,373,213
Delaware.....	800	North Carolina.....	3,771
District of Columbia.....	17,054	North Dakota.....	1,484
Florida.....	26,003	Ohio.....	5,058,865
Georgia.....	85,406	Oklahoma.....	6,455
Idaho.....	6,613	Oregon.....	124,982
Illinois.....	6,990,080	Pennsylvania.....	1,895,445
Indiana.....	557,849	Rhode Island.....	699,178
Iowa.....	98,302	South Carolina.....	18,891
Kansas.....	41,795	South Dakota.....	2,371
Kentucky.....	10,041	Tennessee.....	15,290
Louisiana.....	21,222	Texas.....	51,222
Maine.....	3,098	Utah.....	7,037
Maryland.....	95,797	Vermont.....	1,270
Massachusetts.....	8,153,964	Virginia.....	5,628
Michigan.....	257,383	Washington.....	16,159
Minnesota.....	1,364,594	West Virginia.....	7,986
Mississippi.....	2,552	Wisconsin.....	386,030
Missouri.....	3,528,231	Wyoming.....	5,169

¹ Greeting cards printed and published and published only, \$28,314,094; printed for others, \$15,972,027. Of the "printed for others" amount \$9,888,265 represents letterpress work; \$4,297,033, lithography; \$1,271,791, engraving; \$514,938, rotogravure.² Includes greeting cards printed and published and published only as follows: California, \$568,280; Illinois, \$3,839,847; Iowa, \$67,177; Massachusetts, \$4,960,421; New York, \$8,548,168; Ohio, \$4,302,112; Pennsylvania, \$733,874. The remaining \$5,294,215 cannot be shown without disclosing data reported by individual establishments.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	7,522	6,253	6,297	6,406	6,436	6,660	6,925	7,378	8,106	8,578	8,933	9,373	8,918
1937.....	6,847	6,015	5,876	6,004	5,823	5,966	6,270	6,824	7,344	7,595	8,050	8,245	8,126
California.....	160	145	135	122	127	132	137	126	151	169	179	245	247
Illinois.....	797	608	671	594	620	612	620	685	700	1,008	1,100	1,312	1,149
Massachusetts.....	1,756	1,564	1,585	1,574	1,516	1,562	1,606	1,662	1,922	2,048	2,113	2,056	1,801
Michigan.....	9	8	8	9	9	9	9	10	10	9	9	9	9
New Jersey.....	41	31	31	31	33	33	36	37	39	42	49	62	71
New York.....	1,864	1,484	1,534	1,547	1,545	1,632	1,769	1,902	2,109	2,140	2,228	2,269	2,176
Ohio.....	999	959	852	929	962	963	962	900	976	988	1,109	1,164	1,227
Pennsylvania.....	575	454	437	448	493	484	500	664	680	706	677	689	661

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	109
Reporting expenditures for plant and equipment.....	56
Value of products:	
Total for the industry.....	\$39,715,439
Reporting expenditures for plant and equipment.....	26,760,641
Expenditures for plant and equipment:	
Total for the industry.....	435,338
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	45,035
Expenditures for new machinery and operating equipment.....	370,692
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	19,611

TABLE 8.—POWER—MOTORS AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments.....	109
Number of establishments reporting power equipment.....	108
Electric motors, driven by purchased energy:	
Number.....	2,614
Horsepower.....	3,868
Electric energy purchased (kilowatt-hours).....	5,346,918

¹ Comparable data for 1929 not available.

GRAVURE, ROTOGRAVURE, AND ROTARY PHOTOGRAVURE (INCLUDING PREPARATION OF PLATES)

[A preliminary report for this industry was issued December 3, 1940]

This industry embraces establishments primarily engaged in the preparation of gravure, roto gravure, and rotary photogravure plates, and in printing from such plates. The industry was established as a separate classification at the census for 1939 and a retabulation of 1937 reports was made to obtain figures comparable with those for 1939. No figures for earlier years are available.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products and receipts	Value added to materials ³	Horsepower of prime movers
1939.....	24	2,623	\$5,436,278	\$7,243,336	\$18,614,837	\$11,371,501	(⁴)
1937.....	20	2,228	4,809,178	7,499,248	18,488,240	10,988,992	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ None reported for 1939.

⁵ No comparable figures are available for prior years.

⁶ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Illinois	New York	Other States ¹
Number of establishments ²	24	5	7	12
Proprietors and firm members.....	5	1	—	4
Persons reported by manufacturing establishments, total ³	3,114	1,395	677	1,042
Salaried officers of corporations ⁴	36	8	16	12
Manufacturing:				
Salaried employees ⁵	367	119	80	168
Wage earners (average for the year) ⁶	2,623	1,249	580	814
Distribution.....	82	19	21	42
Construction.....	6	—	—	6
Other.....	—	—	—	—
Salaries and wages, total ⁷	\$7,191,590	\$3,009,877	\$1,770,338	\$2,411,376
Salaried officers ⁸	305,871	85,160	112,190	108,521
Manufacturing:				
Salaries ⁹	1,136,331	311,013	243,874	581,444
Wages.....	5,436,278	2,538,880	1,324,527	1,572,871
Distribution.....	301,196	74,824	88,441	137,931
Construction.....	11,914	—	1,306	10,608
Other.....	—	—	—	—
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	7,243,336	3,077,748	1,560,983	2,604,605
Materials and supplies.....	6,006,569	2,422,821	1,284,729	2,299,019
Fuel.....	74,279	42,000	11,467	20,812
Purchased electric energy.....	214,656	92,998	50,473	71,185
Contract work.....	947,832	519,929	214,314	213,589
Value of products and receipts.....	18,614,837	8,323,669	4,250,136	6,041,032
Value added to materials ¹⁰	11,371,501	5,245,921	2,689,153	3,436,427

¹ California, 3 establishments; Georgia, 1; Indiana, 1; Kentucky, 2; Maryland, 1; Michigan, 1; Missouri, 1; New Jersey, 1; Ohio, 1.

² See GENERAL EXPLANATIONS—Definition of establishment.

³ See GENERAL EXPLANATIONS—Persons engaged—general classification.

⁴ See GENERAL EXPLANATIONS—Wage earners and wages.

⁵ Value of products and receipts less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS AND RECEIPTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Gravure, Rotogravure, and Rotary Photogravure (including Preparation of Plates) industry, all products, total value.....	\$18,614,837	\$18,488,240
Gravure, roto gravure, and rotary photogravure (including preparation of plates) done in this industry.....	13,265,275	16,871,457
Products not classified in this industry.....	5,349,562	1,616,783
Gravure, roto gravure, and rotary photogravure (including preparation of plates), total value.....	17,160,234	18,603,134
Gravure, roto gravure, and rotary photogravure (including preparation of plates) done in this industry.....	13,265,275	16,871,457
Gravure, roto gravure, and rotary photogravure (including preparation of plates), secondary activity of other industries.....	3,894,959	1,731,677

¹ Books and pamphlets printed (roto gravure) for others and photoengraving and photoengraved plates made for others.

TABLE 4.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

PRODUCT ¹	1939			1937
	Produced in this industry	Produced in other industries	Total	
Total value.....	\$13,265,275	\$3,894,959	\$17,160,234	\$18,603,134
Printed by gravure or roto gravure:				
Newspapers and periodicals printed for others.....	10,436,512	1,336,143	11,772,655	(²)
Checks, stationery, etc.....	462,660	1,665,105	2,127,765	
Direct mail (letters, circulars, etc.).....	1,900,135	1,250	1,901,385	
Color (posters, displays, calendars, etc.).....	83,879	734,651	818,530	
Rotogravure plates made for others.....	289,815	138,350	428,165	
Miscellaneous roto gravure printing.....	92,274	19,460	111,734	

¹ See table 6, p. 714, for production of these items by other processes.

² Data not available.

TABLE 5.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, BY STATES: 1939

STATES	Gravure and roto gravure printing of newspapers and periodicals for others ¹	Miscellaneous roto gravure printing ¹
United States.....	\$11,772,655	\$5,387,579
California.....	521,396	199,889
Illinois.....	3,953,782	2,060,870
Massachusetts.....	—	34,718
New York.....	3,324,560	526,135
Ohio.....	(²)	1,642,489
Other States ³	3,972,917	923,478

¹ See table 6, p. 714, for this production by other processes.

² Bank and general commercial, \$2,127,765; direct mail (letters, circulars, etc.), \$1,901,385; color (posters, displays, calendars, etc.), \$818,530; roto gravure plates made for others, \$428,165; miscellaneous roto gravure printing, \$111,734.

³ Included in "Other States" to avoid disclosing, exactly or approximately, data for individual printers or publishers.

⁴ Georgia, Indiana, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, New Jersey, Pennsylvania, Virginia, and Wisconsin.

CENSUS OF MANUFACTURES: 1939

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939	2,623	2,743	2,735	2,497	2,413	2,479	2,472	2,823	2,738	2,613	2,667	2,722	2,571
1937	2,228	2,203	2,207	2,187	2,151	2,099	2,086	2,199	2,199	2,179	2,295	2,482	2,449
California	80	77	91	81	78	79	78	80	77	78	81	77	80
Illinois	1,249	1,389	1,373	1,071	1,069	1,142	1,152	1,439	1,373	1,171	1,240	1,353	1,215
New York	560	567	576	600	546	553	560	532	530	579	563	574	540

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry	24
Reporting expenditures for plant and equipment	23
Value of products:	
Total for the industry	\$18,614,837
Reporting expenditures for plant and equipment	18,583,695
Expenditures for plant and equipment:	
Total for the industry	1,035,406
Expenditures for new construction or major alterations of buildings and other fixed plant and structures	98,575
Expenditures for new machinery and operating equipment	936,586
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land	245

TABLE 8.—POWER—MOTORS AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments	24
Number of establishments reporting power equipment	24
Electric motors, driven by purchased energy:	
Number	1,967
Horsepower	10,185
Electric energy purchased (kilowatt-hours)	12,785,244

¹ Comparable data for 1929 not available.

BOOKBINDING AND RELATED INDUSTRIES

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—This industry embraces establishments primarily engaged in the binding of books and pamphlets (chiefly on a contract or custom basis); in the manufacture of blank books, such as ledgers, account books, sales books, etc., loose-leaf devices and fillers for such devices, inventory and similar blanks, and indexes; and in related work, such as paper ruling and cutting, embossing, paper and card etching, map and sample mounting, etc. The work done in binderies operated by publishers for their own publications is not included.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added to materials ³	Horse-power of prime movers
1939	1,133	25,690	\$29,062,627	\$30,428,715	\$102,591,313	\$72,162,598	3,890
1937	997	25,333	28,665,439	30,744,782	94,821,568	64,076,786	(4)
1935	1,022	20,454	21,795,928	22,018,168	73,315,359	51,297,191	(5)
1933	863	16,865	16,090,886	16,539,572	56,010,795	39,471,223	(4)
1931	1,050	21,216	25,355,304	22,504,073	79,779,955	57,275,882	(4)
1929	1,108	24,754	31,779,037	* 30,754,777	102,783,405	72,028,628	1,499
1927	1,063	21,909	28,281,066	* 25,875,185	87,327,392	61,452,207	1,445
1925	970	20,836	26,005,621	25,215,440	81,600,302	56,384,862	1,774
1923	965	20,728	25,216,055	23,987,631	76,959,420	52,971,789	1,762
1921	869	17,465	20,317,877	20,506,306	63,854,402	43,348,096	(4)
1919	1,113	20,361	18,658,821	23,687,396	66,020,677	42,333,281	688
1914	1,124	21,693	11,574,723	13,716,294	38,104,368	24,389,074	2,560
1909	1,054	19,938	9,876,270	* 11,629,906	31,742,416	20,112,510	(5)
1904	908	17,713	7,886,945	9,300,672	25,223,650	15,922,978	2,291
1899	954	15,971	6,671,668	7,886,497	20,790,853	12,904,361	2,217

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁴ Not called for on schedule.

⁵ Data not available.

⁶ Does not include cost of contract work.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	California	Colorado	Connecticut	District of Columbia	Florida	Georgia	Illinois	Indiana	Iowa
Number of establishments ¹	1,133	5	65	7	7	7	4	9	115	17	12
Proprietors and firm-members	893	4	67	8	4	4	4	3	81	12	14
Persons reported by manufacturing establishments, total ²	31,622	38	1,210	59	37	75	24	65	3,733	871	211
Salaried officers of corporations ³	975	2	24	4	4	1		7	125	15	6
Manufacturing:											
Salaried employees ³	2,961	5	240	4	2	13	4	6	287	87	16
Wage earners (average for the year) ³	25,690	28	764	49	31	58	18	48	3,128	683	141
Distribution	1,957	3	176	2		3	2	4	189	71	48
Construction	32								4	15	
Other	7		6								
Salaries and wages, total ²	\$42,840,415	\$72,625	\$2,179,876	\$57,858	\$42,896	\$89,796	\$16,895	\$66,846	\$4,753,500	\$1,334,918	\$289,140
Salaried officers ³	4,617,664	18,615	88,115	10,920	7,456	1,300		12,568	602,310	71,480	20,418
Manufacturing:											
Salaries ³	5,112,069	10,170	425,621	4,625	3,560	17,322	2,649	5,659	503,910	161,144	21,498
Wages	29,062,627	31,805	1,150,023	40,390	31,380	67,968	12,846	44,073	3,275,812	993,124	180,696
Distribution	3,897,529	12,035	450,690	1,923		3,206	1,400	4,546	362,088	82,688	66,628
Construction	119,916								9,380	26,482	
Other	30,610		29,427								
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	30,428,715	25,123	1,670,295	33,277	21,749	49,161	9,807	31,681	4,191,859	693,456	276,800
Materials and supplies	28,044,632	23,534	1,596,637	29,396	18,923	42,110	9,039	29,825	3,894,406	631,293	254,454
Fuel	290,300	385	3,979	1,088	156	276	154	722	28,055	20,866	3,989
Purchased electric energy	763,464	1,204	25,243	1,393	717	1,331	414	1,134	103,530	5,639	4,944
Contract work	1,330,319		44,486	1,400	1,953	5,444	200		165,868	35,658	12,913
Value of products	102,591,313	146,586	5,268,833	153,099	102,028	219,907	56,999	136,002	12,955,646	2,422,915	793,740
Value added to materials ⁴	72,162,598	121,463	3,598,538	119,822	80,279	170,746	47,192	104,321	8,763,787	1,729,459	517,440

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Ken- tucky	Louis- iana	Maine	Mary- land	Massa- chusetts	Michigan	Minne- sota	Missouri	Nebraska	New Jersey	New York
Number of establishments ¹	3	7	7	15	81	27	18	41	10	34	406
Proprietors and firm members	5	4	8	12	56	14	11	28	8	23	318
Persons reported by manufacturing establish- ments, total ²	19	41	24	725	3,317	1,315	314	594	80	2,051	10,834
Salaried officers of corporations ²		4		18	59	37	18	33	6	32	378
Manufacturing:											
Salaried employees ²	1	4	1	114	349	202	51	36	13	141	824
Wage earners (average for the year) ²	18	33	23	555	2,761	1,038	205	496	54	1,820	8,079
Distribution				35	147	38	40	29	7	58	652
Construction				3							1
Other					1						
Salaries and wages, total ²	\$19,853	\$52,247	\$20,962	\$910,993	\$4,414,729	\$1,774,189	\$477,977	\$653,772	\$108,875	\$2,519,423	\$15,100,083
Salaried officers ²		13,700		117,304	306,219	181,360	70,433	101,886	23,922	208,327	1,799,523
Manufacturing:											
Salaries ²	1,352	3,481	2,600	160,660	613,023	344,588	55,480	58,550	14,831	309,195	1,405,402
Wages	18,501	35,066	18,362	568,085	3,192,875	1,174,898	263,866	453,113	54,300	1,882,525	10,554,299
Distribution				60,622	301,429	73,843	88,198	40,223	15,822	102,484	1,342,791
Construction				4,322						16,892	1,668
Other					1,183						
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	8,179	14,902	14,415	983,482	2,837,219	2,057,535	335,409	411,634	70,702	2,451,570	8,325,979
Materials and supplies	7,511	12,938	11,736	952,184	2,649,680	1,973,972	323,736	381,346	67,224	2,091,871	7,487,212
Fuel	254	166	688	4,640	42,459	26,124	2,510	5,619	1,539	24,033	50,414
Purchased electric energy	414	1,202	614	20,525	66,559	31,797	7,853	13,736	1,828	47,260	267,653
Contract work		596	1,377	6,130	78,521	25,642	1,310	10,933	111	288,397	481,700
Value of products	43,289	90,646	69,033	2,581,088	9,911,387	5,385,505	1,235,905	1,589,211	258,370	6,965,083	33,604,080
Value added to materials ⁴	35,110	75,744	54,618	1,597,606	7,074,168	3,327,970	900,496	1,177,577	187,068	4,513,513	25,368,101

ITEM	North Carolina	Ohio	Okla- homa	Oregon	Pennsyl- vania	Rhode Island	Texas	Utah	Vir- ginia	Wash- ington	Other States ⁵
Number of establishments ¹	4	62	6	7	85	3	16	3	6	9	35
Proprietors and firm members	3	50	8	10	68	2	11	3	8	8	34
Persons reported by manufacturing establishments, total ²	120	1,929	42	60	1,753	19	200	11	151	45	1,654
Salaried officers of corporations ²	2	72	2	5	62	1	10		3	2	43
Manufacturing:											
Salaried employees ²	13	222	2	5	133	2	22	1	12	3	146
Wage earners (average for the year) ²	98	1,434	35	47	1,456	15	159	10	136	37	1,332
Distribution	7	201	3	3	102	1	9			3	124
Construction											6
Other											
Salaries and wages, total ²	\$108,949	\$2,799,883	\$50,814	\$87,426	\$2,007,543	\$20,860	\$231,848	\$14,146	\$178,090	\$40,043	\$2,334,260
Salaried officers ²	7,300	396,686	8,205	12,800	267,965	2,080	37,059		27,000	2,250	203,463
Manufacturing:											
Salaries ²	17,049	411,683	1,800	6,061	198,046	2,772	32,069	2,576	29,254	2,275	283,164
Wages	72,598	1,656,368	36,817	63,818	1,344,536	11,708	129,927	11,570	121,836	41,491	1,521,951
Distribution	12,002	334,445	3,992	4,747	196,996	4,300	32,793			3,027	205,211
Construction		701									60,471
Other											
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	82,856	2,213,434	39,755	64,839	1,426,019	13,308	245,560	24,748	79,050	34,324	1,601,088
Materials and supplies	79,413	2,069,017	37,016	56,512	1,320,691	12,495	238,250	18,706	73,493	29,030	1,620,982
Fuel	330	19,196	404	574	14,716		1,095	101	1,850	109	24,749
Purchased electric energy	1,742	40,860	1,903	2,332	35,727	667	3,997	376	3,504	1,060	30,294
Contract work	1,371	84,361	432	5,421	54,885	146	2,218	5,565	203	4,065	0,063
Value of products	251,233	7,176,173	155,051	208,320	4,389,751	44,876	731,269	50,112	318,942	122,989	5,067,245
Value added to materials ⁴	168,377	4,962,739	115,296	143,481	2,963,732	31,568	485,709	31,364	239,892	88,665	3,306,167

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Wage earners and wages.³ See GENERAL EXPLANATIONS—Persons engaged—general classification.⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.⁵ Arizona, 1 establishment; Delaware, 1; Kansas, 2; Mississippi, 2; New Hampshire, 4; South Carolina, 1; South Dakota, 1; Tennessee, 6; Wisconsin, 17.TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES:
1939, 1937, AND 1929

	1939	1937	1929
"Bookbinding and Related Industries" Industry, all products, total value	\$102,591,313	\$94,821,568	\$102,783,405
Bookbinding, blank-book making, etc., done in this industry	91,270,891	87,236,411	101,739,239
Products not classified in this in- dustry	¹ 11,320,422	7,585,157	1,053,166
Bookbinding, blank-book making, etc., total value	108,367,327	² 109,253,991	123,026,535
Bookbinding, blank-book making, etc., done in this industry	91,270,891	87,236,411	101,739,239
Bookbinding, blank-book making, etc., secondary activities of other industries	17,096,436	² 22,017,580	21,296,296

¹ Value of books and pamphlets printed for others, labels, bank and commercial printing, color printing, electrotyping and stereotyping, and composition (machine and hand) sold to trade.² Revised.TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED
STATES: 1939, 1937, AND 1929

PRODUCTS	1939			1937	1929
	Produced in the industry	Produced in other industries	Total		
Total value	\$91,270,891	\$17,096,436	\$108,367,327	¹ \$109,253,991	\$123,026,535
Bookbinding	37,233,881	6,556,407	43,790,288	¹ 50,543,503	
Blank-book making	24,153,522	2,859,202	27,012,724	¹ 25,736,440	
Embossing	1,047,501	296,248	1,343,749	¹ 910,496	
Loose-leaf manufac- ture:					
Forms	7,393,845	4,641,555	12,035,400	¹ 10,473,640	
Binders	9,530,238	1,504,093	11,034,331	¹ 13,026,971	
Paper ruling and cut- ting, etc.	11,911,904	1,238,931	13,150,835	¹ 8,562,863	

¹ Revised.² Data not available.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	25,690	25,704	25,533	25,725	25,469	25,222	24,662	24,997	25,393	26,202	26,221	26,356	26,791
1937.....	25,333	24,721	25,271	25,563	25,571	26,025	25,792	25,425	25,396	25,318	25,752	24,767	24,399
1929.....	24,754	24,286	24,556	24,830	24,700	24,367	24,146	24,635	25,180	25,167	25,217	24,974	24,986
Alabama.....	28	26	30	30	29	28	24	24	29	29	26	28	27
California.....	704	732	733	738	733	740	728	774	784	751	812	818	827
Colorado.....	49	50	44	46	48	49	53	56	50	48	50	47	48
Connecticut.....	51	30	30	30	30	30	31	31	31	31	31	31	31
District of Columbia.....	58	59	63	60	60	59	60	54	57	55	57	58	59
Florida.....	18	13	17	17	18	18	16	17	15	19	21	20	23
Georgia.....	48	49	47	46	48	48	48	49	52	54	48	47	45
Illinois.....	3,128	3,030	3,135	3,183	3,166	3,044	3,041	2,989	3,022	3,131	3,277	3,222	3,298
Indiana.....	633	629	690	670	658	655	679	694	679	690	697	728	722
Iowa.....	141	139	137	135	136	137	133	141	147	151	146	147	147
Kentucky.....	18	18	18	18	18	18	18	18	18	18	18	18	18
Louisiana.....	33	29	29	29	33	33	35	34	34	35	34	34	33
Maine.....	23	20	23	26	24	21	23	23	27	25	20	20	20
Maryland.....	555	550	549	546	551	549	537	552	558	576	557	573	563
Massachusetts.....	2,761	2,774	2,729	2,717	2,736	2,677	2,631	2,674	2,808	2,889	2,797	2,838	2,807
Michigan.....	1,038	1,014	1,040	1,007	962	1,023	931	931	1,001	1,169	1,165	1,112	1,096
Minnesota.....	205	195	198	195	195	203	206	208	212	215	212	209	213
Missouri.....	496	495	507	482	503	505	486	482	490	491	502	501	510
Nebraska.....	54	55	56	51	54	55	53	50	50	54	60	59	55
New Hampshire.....	72	69	72	69	69	71	68	71	73	74	76	76	75
New Jersey.....	1,820	1,888	1,927	1,847	1,767	1,793	1,764	1,756	1,776	1,808	1,776	1,812	1,921
New York.....	8,979	9,268	8,879	9,075	9,041	8,853	8,473	8,608	8,652	9,053	9,150	9,267	9,421
North Carolina.....	98	62	64	106	102	107	113	112	123	127	125	77	62
Ohio.....	1,434	1,427	1,420	1,449	1,405	1,418	1,403	1,425	1,444	1,479	1,414	1,454	1,469
Oklahoma.....	35	34	32	32	32	34	35	35	40	40	36	36	36
Oregon.....	47	47	46	48	47	46	45	44	51	47	47	46	48
Pennsylvania.....	1,456	1,425	1,450	1,504	1,423	1,413	1,419	1,485	1,510	1,478	1,483	1,422	1,462
Rhode Island.....	15	15	16	15	16	15	16	15	18	15	15	15	15
Tennessee.....	660	654	649	652	668	657	649	652	645	649	646	724	746
Texas.....	159	137	144	148	155	153	147	194	208	191	147	147	141
Utah.....	10	10	10	10	10	10	10	11	14	12	10	10	9
Virginia.....	136	144	120	128	114	134	155	143	137	157	135	125	138
Washington.....	37	35	37	37	36	37	40	36	36	39	36	37	38
Wisconsin.....	515	513	517	503	498	507	504	513	512	518	526	529	537

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	1,133
Reporting expenditures for plant and equipment.....	493
Value of products:	
Total for the industry.....	\$102,591,313
Reporting expenditures for plant and equipment.....	80,825,073
Expenditures for plant and equipment:	
Total for the industry.....	2,099,354
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	251,873
Expenditures for new machinery and operating equipment.....	1,653,579
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	171,630
Expenditures unclassified.....	22,272

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

	1939	1929
Number of establishments.....	1,133	1,108
Number of establishments reporting power equipment.....	1,133	1,066
Prime movers, aggregate:		
Number.....	17	10
Horsepower.....	3,890	1,499
Prime movers, driving generators, total—		
Number.....	13	10
Horsepower.....	3,695	1,499
Steam engines—		
Number.....	10	17
Horsepower.....	2,820	1,375
Steam turbines—		
Number.....	1	
Horsepower.....	350	
Diesel and semi-Diesel engines—		
Number.....	1	
Horsepower.....	440	13
Other internal-combustion engines ¹ —		
Number.....	1	124
Horsepower.....	85	

See footnotes at end of table.

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

	1939	1929
Prime movers—Continued.		
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	1,235	
Prime movers not driving generators, total—		
Number.....	4	
Horsepower.....	195	
Steam engines—		
Number.....	2	(²)
Horsepower.....	135	
Diesel and semi-Diesel engines—		
Number.....	1	
Horsepower.....	30	
Other internal-combustion engines ¹ —		
Number.....	1	
Horsepower.....	30	
Generators, kilowatt rating, total.....	2,495	881
Generators, driven by—		
Steam engines, kilowatt rating.....	1,925	
Steam turbines, kilowatt rating.....	250	
Diesel and semi-Diesel engines, kilowatt rating.....	300	(²)
Other internal-combustion engines, ¹ kilowatt rating.....	20	
Generators, ordinarily idle (included above), kilowatt rating.....	770	(¹)
Electric motors, total:		
Number.....	21,905	14,638
Horsepower.....	32,950	20,912
Driven by purchased energy—		
Number.....	20,937	14,235
Horsepower.....	29,840	20,242
Driven by energy generated in establishments reporting—		
Number.....	918	403
Horsepower.....	3,110	670
Electric energy (kilowatt-hours):		
Generated in plant.....	3,154,476	(⁴)
Purchased.....	27,685,021	22,050,983

¹ Includes prime movers not driving generators.² Gas, gasoline, etc.³ Not called for on schedule.⁴ Data not available.

MACHINE AND HAND TYPESETTING (INCLUDING ADVERTISEMENT TYPESETTING)

[A preliminary report for this industry was issued December 28, 1940]

Description of the industry.—This industry embraces typesetting for the trade, including advertisement establishments primarily engaged in machine and hand typesetting.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1909 TO 1939

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products	Value added to materials ⁴
1939.....	641	6,244	\$10,424,914	\$3,052,076	\$25,096,497	\$22,044,421
1937.....	537	6,425	10,693,854	2,721,725	24,081,746	21,360,021
1935.....	544	5,232	8,650,292	2,363,466	19,726,045	17,362,579
1933.....	415	3,692	5,645,493	1,278,159	13,053,797	11,785,638
1931.....	473	4,917	10,091,967	2,090,052	20,596,787	18,506,735
1929.....	484	5,336	11,792,321	2,228,111	25,515,348	23,287,237
1927.....	407	4,206	8,922,985	1,975,374	19,101,350	17,125,976
1925.....	341	3,258	6,984,534	1,585,703	14,472,923	12,887,220
1923.....	324	2,986	6,019,251	1,510,596	12,613,460	11,102,864
1921.....	298	2,768	5,605,434	1,343,658	11,226,759	9,883,101
1919.....	309	2,738	3,942,681	1,007,327	8,854,457	7,787,130
1914.....	216	1,952	1,895,000	366,137	3,826,288	3,460,151
1909.....	158	1,415	1,254,705	228,828	2,721,444	2,402,616

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Figures for years prior to 1935 do not include cost of contract work.

⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Colorado	Connecticut	District of Columbia	Florida	Georgia	Illinois	Indiana	Iowa	Kansas
Number of establishments ¹	641	61	5	11	5	4	4	76	18	5	3
Proprietors and firm members.....	538	87	4	8	4	4	3	58	9	4	3
Persons reported by manufacturing establishments, total ²	8,100	376	25	55	63	18	50	1,222	148	24	7
Salaried officers of corporations ²	483	13	2	5	2	-----	2	63	20	2	-----
Manufacturing:											
Salaried employees ²	892	49	1	11	3	2	3	127	13	2	-----
Wage earners (average for the year) ²	6,244	288	21	39	52	15	45	956	114	20	7
Distribution.....	480	26	1	-----	6	1	-----	76	1	-----	-----
Construction.....	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Salaries and wages, total ²	\$14,995,489	\$633,661	\$37,266	\$93,965	\$99,236	\$18,366	\$78,516	\$2,544,040	\$300,179	\$48,199	\$8,226
Salaried officers ²	2,063,530	51,146	6,900	17,447	4,680	-----	4,990	297,460	76,787	5,850	-----
Manufacturing:											
Salaries ²	1,576,325	75,626	390	14,477	4,358	872	3,359	211,224	19,424	3,258	-----
Wages.....	10,424,914	468,951	29,096	62,041	33,498	15,994	70,167	1,829,289	202,948	39,091	8,226
Distribution.....	927,871	37,938	880	-----	6,700	1,500	-----	206,076	1,020	-----	-----
Construction.....	2,849	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	3,052,076	142,701	14,619	40,382	85,401	4,162	10,294	450,731	64,944	8,607	2,736
Materials and supplies.....	2,211,510	100,144	11,422	31,908	80,645	2,859	6,874	296,741	55,448	6,427	1,898
Fuel.....	111,441	2,833	555	1,346	1,164	94	1,471	19,696	3,096	986	377
Purchased electric energy.....	316,427	16,591	769	2,755	2,329	1,159	1,428	54,609	4,939	1,144	426
Contract work.....	412,698	23,133	1,873	4,373	1,263	50	521	79,685	1,491	50	35
Value of products.....	25,096,497	1,335,598	78,335	198,866	312,708	37,154	127,768	3,981,394	485,303	92,897	24,396
Value added to materials ⁴	22,044,421	1,192,897	63,716	158,484	227,307	32,992	117,474	3,580,663	420,359	84,290	21,660

See footnotes at end of table.

MACHINE AND HAND TYPESETTING

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TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Ken- tucky	Lou- isiana	Maine	Mary- land	Massa- chusetts	Michi- gan	Minne- sota	Missouri	Ne- braska	New Jersey	New York
Number of establishments ¹	3	3	3	14	25	23	13	27	5	16	184
Proprietors and firm members.....	6	2	3	15	17	18	16	24	5	8	127
Persons reported by manufacturing establishments, total ²	20	16	45	124	580	553	137	273	28	423	2,480
Salaried officers of corporations ²				6	27	21	5	23	1	20	179
Manufacturing:											
Salaried employees ²	1	2	3	9	65	61	10	31	6	63	261
Wage earners (average for the year) ³	19	12	39	107	460	422	113	214	16	338	1,874
Distribution.....		2	3	2	28	49	9	5	5	2	166
Construction.....											
Other.....											
Salaries and wages, total ²	\$24,016	\$28,848	\$48,184	\$205,477	\$927,937	\$1,143,919	\$217,137	\$505,692	\$48,712	\$752,469	\$4,647,667
Salaried officers ²				40,418	129,462	115,557	12,445	86,766	9,797	38,637	798,073
Manufacturing:											
Salaries ²	702	6,500	4,208	11,758	136,011	150,065	13,344	43,951	9,127	108,876	468,172
Wages.....	23,314	21,080	42,789	150,747	607,204	783,765	174,714	366,310	19,791	601,035	3,079,243
Distribution.....		1,268	1,187	2,554	55,260	94,532	16,634	8,665	9,997	3,921	302,179
Construction.....											
Other.....											
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	3,599	5,858	20,474	49,155	170,803	176,667	62,904	106,875	14,047	105,227	1,052,145
Materials and supplies.....	541	4,636	11,834	41,803	107,651	131,961	48,931	83,970	7,112	84,274	770,780
Fuel.....	490	626	1,140	2,276	4,296	8,407	2,638	4,930	629	5,214	26,175
Purchased electric energy.....	1,386	596	1,581	5,036	20,747	14,669	5,293	8,147	1,326	15,388	107,628
Contract work.....	1,182		5,963	40	38,109	21,600	6,042	9,828	4,980	351	147,662
Value of products.....	67,198	51,230	93,329	432,351	1,339,763	1,704,083	444,549	834,591	86,875	1,011,128	7,931,757
Value added to materials ⁴	63,599	45,372	72,855	383,196	1,168,960	1,527,416	381,645	727,716	72,828	905,991	6,879,612

ITEM	Ohio	Okla- homa	Oregon	Pennsyl- vania	Tennes- see	Texas	Utah	Vir- ginia	Wash- ington	Wiscon- sin	Other States ⁵
Number of establishments ¹	37	4	9	34	6	10	3	4	12	8	6
Proprietors and firm members.....	25	3	13	30	4	8	4	4	13	3	6
Persons reported by manufacturing establishments, total ²	485	18	26	542	59	105	5	17	47	65	63
Salaried officers of corporations ²	30	3		23	6	6		1	5	10	8
Manufacturing:											
Salaried employees ²	54		2	68	11	16		1	5	7	5
Wage earners (average for the year) ³	368	14	24	402	42	76	5	15	33	46	47
Distribution.....	33	1		49		6			4	2	3
Construction.....						1					
Other.....											
Salaries and wages, total ²	\$909,465	\$31,083	\$34,701	\$913,257	\$97,871	\$200,320	\$6,058	\$24,203	\$34,087	\$115,124	\$107,599
Salaried officers ²	151,448	7,500		101,715	14,960	25,292		1,676	10,790	24,600	29,134
Manufacturing:											
Salaries ²	97,471		1,379	110,827	16,336	35,662		312	6,192	11,733	10,711
Wages.....	648,358	22,751	33,322	614,928	66,575	128,571	6,058	22,215	63,625	74,491	64,727
Distribution.....	72,188	832		85,787		7,946			3,480	4,300	3,027
Construction.....						2,849					
Other.....											
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	176,476	5,044	11,336	165,623	11,599	33,945	2,808	5,659	13,431	13,198	20,626
Materials and supplies.....	123,399	3,790	6,346	115,411	8,661	26,603	1,659	3,800	8,167	9,616	16,199
Fuel.....	5,197	444	664	7,853	911	2,894	243	493	2,579	873	875
Purchased electric energy.....	16,601	680	1,179	14,199	2,027	3,826	906	1,366	2,428	2,087	3,302
Contract work.....	31,279	130	3,147	28,160		622			257	622	260
Value of products.....	1,611,918	53,064	98,304	1,500,481	171,742	370,718	25,265	58,457	170,333	190,416	174,526
Value added to materials ⁴	1,435,442	48,020	86,908	1,334,858	160,143	336,773	22,457	52,798	156,902	177,218	153,900

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Persons engaged—general classification.

³ See GENERAL EXPLANATIONS—Wage earners and wages.

⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁵ Alabama, 1 establishment; North Carolina, 1; Rhode Island, 3; Vermont, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

	1939	1937	1929
Machine and Hand Typesetting (Including Advertisement Typesetting) industry, all products, total value.....	\$25,096,497	\$24,081,746	\$25,515,348
Composition (machine and hand) sold to trade, produced in this industry.....	23,504,141	23,117,098	24,502,095
Products not classified in this industry.....	1,592,356	964,648	1,013,253
Composition (machine and hand) sold to trade, total value.....	28,879,977	28,200,114	30,647,365
Composition (machine and hand) sold to trade, produced in this industry.....	23,504,141	23,117,098	24,502,095
Composition (machine and hand) sold to trade, secondary activity of other industries.....	5,375,836	5,083,016	6,145,270

¹ Value of newspapers and periodicals printed for others, books and pamphlets printed for others, bank and commercial printing, and electrotyping and stereotyping.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

No detailed production statistics available for this industry.

CENSUS OF MANUFACTURES: 1939

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	6,244	6,212	6,365	6,489	6,425	6,329	6,165	6,076	6,069	6,202	6,090	6,162	6,347
1937.....	6,425	6,324	6,505	6,544	6,074	6,602	6,337	6,217	6,271	6,467	6,461	6,329	6,367
1929.....	5,336	5,278	5,341	5,396	5,382	5,391	5,279	5,203	5,293	5,357	5,405	5,359	5,343
California.....	288	271	281	294	296	296	292	284	274	288	284	299	299
Colorado.....	21	22	21	21	22	21	21	20	21	19	20	20	21
Connecticut.....	39	38	38	38	41	41	42	38	38	39	40	39	39
District of Columbia.....	52	52	52	55	57	57	50	47	49	48	51	58	49
Florida.....	15	13	13	15	15	15	15	15	15	16	17	17	17
Georgia.....	45	44	45	46	47	43	39	41	45	45	48	52	50
Illinois.....	956	940	951	1,008	980	965	968	947	959	939	884	938	965
Indiana.....	114	112	112	116	117	115	113	110	112	113	116	118	119
Iowa.....	20	20	20	21	20	21	19	19	20	21	19	19	19
Kansas.....	7	8	7	7	8	7	7	7	7	7	7	7	8
Kentucky.....	19	18	19	19	19	19	19	19	19	19	19	19	19
Louisiana.....	12	11	13	15	11	12	13	12	12	13	12	12	12
Maine.....	39	39	42	43	40	40	39	37	38	37	37	37	37
Maryland.....	107	111	104	112	107	106	105	103	105	107	109	102	108
Massachusetts.....	460	457	489	491	491	458	448	444	442	460	446	429	461
Michigan.....	422	425	424	427	441	417	402	402	425	447	390	410	440
Minnesota.....	113	120	115	105	115	122	112	109	114	109	106	113	121
Missouri.....	214	212	214	213	214	219	221	224	215	211	204	207	211
Nebraska.....	16	16	16	16	16	17	16	16	16	16	16	16	16
New Jersey.....	338	333	340	341	342	341	341	340	338	337	332	337	331
New York.....	1,874	1,893	1,941	1,980	1,924	1,891	1,832	1,805	1,768	1,847	1,868	1,826	1,917
Ohio.....	368	362	363	381	375	387	360	358	358	373	361	364	375
Oklahoma.....	14	14	14	14	16	16	16	14	14	14	14	14	14
Oregon.....	24	20	33	33	22	21	21	21	20	21	20	29	22
Pennsylvania.....	402	400	405	411	424	419	396	383	386	392	404	403	405
Rhode Island.....	32	31	32	32	32	33	33	32	32	32	32	31	31
Tennessee.....	42	37	41	42	41	41	41	39	41	45	48	47	46
Texas.....	76	79	76	77	76	75	72	74	74	74	77	77	81
Utah.....	5	2	2	3	5	5	5	6	6	5	5	6	5
Virginia.....	15	15	15	15	15	15	15	15	14	14	15	15	16
Washington.....	33	33	33	33	35	34	33	33	32	33	32	33	33
Wisconsin.....	46	46	46	47	46	46	45	46	46	46	45	45	45

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	641
Reporting expenditures for plant and equipment.....	314
Value of products:	
Total for the industry.....	\$25,096,497
Reporting expenditures for plant and equipment.....	16,085,038
Expenditures for plant and equipment:	
Total for the industry.....	759,818
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	51,911
Expenditures for new machinery and operating equipment.....	617,145
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	88,364
Expenditures unclassified.....	2,398

TABLE 7.—POWER—ELECTRIC MOTORS AND ELECTRIC ENERGY PURCHASED: 1939¹

	1939
Number of establishments.....	641
Number of establishments reporting power equipment.....	640
Electric motors driven by purchased energy:	
Number.....	4,802
Horsepower.....	3,348
Electric energy purchased (kilowatt-hours).....	9,208,683

¹ Comparable data for 1929 not available.

ENGRAVING (STEEL, COPPERPLATE, AND WOOD); PLATE PRINTING

[A preliminary report for this industry was issued December 28, 1940]

Description of the industry.—The establishments assigned to this industry are primarily engaged in the engraving and etching of steel and copperplates, for printing stationery, visiting and other cards, invitations, announcements, security certificates, music, maps, half-tones, etc.; and printing from these plates; and making woodcuts for use in printing illustrations, posters, etc. Woodcuts are made to some extent by establishments classified in the Printing and Publishing industries, but the value of such work is not separately reported.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added to materials ³	Horse-power of prime movers
1939.....	436	5,353	\$7,156,404	\$6,029,351	\$22,163,638	\$16,134,287	25
1937 ⁴	418	7,226	9,312,350	7,137,982	26,625,218	19,487,236	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁴ No data for prior census years.

⁵ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Connecticut	District of Columbia	Illinois	Indiana	Kentucky	Louisiana	Maryland	Massachusetts	Michigan
Number of establishments ¹	436	27	12	9	55	10	9	3	5	23	9
Proprietors and firm members.....	329	31	5	7	29	13	4	3	8	15	5
Persons reported by manufacturing establishments, total ²	6,865	153	203	84	864	87	116	17	24	302	105
Salaried officers of corporations ²	347	8	13	3	58	4	9	1	1	16	8
Manufacturing:											
Salaried employees ²	739	21	15	17	71	11	14	4	4	34	19
Wage earners (average for the year) ²	5,353	114	158	56	653	69	83	16	19	238	71
Distribution.....	426	10	17	8	82	3	10			14	7
Construction.....											
Other.....											
Salaries and wages, total ²	\$10,428,966	\$197,392	\$282,393	\$123,753	\$1,328,911	\$73,719	\$116,578	\$15,245	\$24,079	\$411,680	\$145,350
Salaried officers ²	1,315,136	21,700	48,706	20,143	270,535	8,262	26,140	1,600	1,809	49,592	24,807
Manufacturing:											
Salaries ²	1,247,067	22,981	26,209	25,433	134,561	11,995	10,592	4,985	4,985	42,573	33,125
Wages.....	7,156,404	145,471	179,336	66,220	817,610	50,157	66,496	13,645	17,285	287,506	71,131
Distribution.....	710,359	7,240	28,142	11,951	106,205	3,305	13,350			32,009	16,287
Construction.....											
Other.....											
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	6,029,351	156,024	199,392	98,737	1,120,395	59,933	99,467	12,167	27,074	222,442	103,805
Materials and supplies.....	5,368,553	135,888	178,562	89,438	1,046,853	55,632	93,470	11,306	24,326	204,229	95,550
Fuel.....	72,785	480	2,405	406	4,712	703	508	136	41	5,097	2,252
Purchased electric energy.....	183,579	3,721	6,543	2,163	21,705	1,931	2,752	725	947	6,647	2,492
Contract work.....	404,434	15,955	11,882	6,730	47,125	1,667	2,737		1,760	6,469	3,502
Value of products.....	22,163,638	543,225	576,969	311,886	3,329,738	191,785	294,096	54,642	89,004	883,173	315,261
Value added to materials ³	16,134,287	387,201	377,7	213,149	2,209,343	131,852	194,629	42,475	62,020	660,731	211,456

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Minne- sota	Missouri	New Jersey	New York	Ohio	Pennsyl- vania	Rhode Island	Ten- nessee	Texas	Wash- ington	Wiscon- sin	Other States ¹
Number of establishments ¹	9	14	25	116	18	32	8	3	10	4	9	26
Proprietors and firm members.....	10	10	9	90	22	19	7	3	7	3	6	23
Persons reported by manufacturing establish- ments, total ²	42	146	626	1,994	195	1,190	116	14	110	56	59	363
Salaried officers of corporations ²	1	15	36	93	13	33	6	3	2	4	10	10
Manufacturing:												
Salaried employees ²	6	13	40	233	21	135	5	1	15	4	8	52
Wage earners (average for the year) ³	34	111	517	1,570	138	940	103	10	86	45	40	283
Distribution.....	1	7	33	98	23	82	2		7	3	1	18
Construction.....												
Other.....												
Salaries and wages, total ²	\$49,412	\$165,293	\$1,010,137	\$3,441,135	\$321,963	\$1,772,834	\$167,542	\$9,005	\$132,545	\$104,685	\$87,712	\$447,603
Salaried officers ²	3,000	32,649	180,131	308,928	63,292	137,171	18,262	2,780	11,600	14,721	26,688	42,620
Manufacturing:												
Salaries ²	8,538	13,689	74,188	528,793	32,491	164,847	6,850	624	22,976	7,631	10,570	63,416
Wages.....	37,228	109,978	711,081	2,455,085	192,338	1,281,345	138,562	5,601	88,087	76,333	49,434	297,460
Distribution.....	646	8,977	44,737	148,329	33,842	189,471	3,808		9,882	7,000	1,020	44,098
Construction.....												
Other.....												
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	71,939	101,908	178,649	1,476,482	153,161	1,278,728	14,094	12,453	147,346	52,256	40,518	403,381
Materials and supplies.....	64,854	86,826	150,898	1,318,752	138,177	1,050,788	9,838	11,639	141,978	46,591	39,357	373,592
Fuel.....	318	843	11,215	25,352	1,530	11,638	987	258	681	261	100	2,882
Purchased electric energy.....	1,294	3,264	10,238	69,802	5,203	26,618	2,628	406	3,062	753	1,061	9,624
Contract work.....	5,473	10,975	6,298	61,576	8,251	189,684	641	150	1,625	4,651		17,283
Value of products.....	178,296	380,799	1,485,691	6,700,630	650,848	3,823,037	212,145	33,051	487,625	198,966	214,337	1,208,344
Value added to materials ⁴	106,357	278,891	1,307,042	5,226,148	497,687	2,544,309	198,051	20,598	340,279	146,710	173,819	804,063

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.¹ Alabama, 2 establishments; Arkansas, 1; Colorado, 3; Florida, 2; Georgia, 2; Iowa, 1; Kansas, 1; Nebraska, 2; North Carolina, 2; Oklahoma, 2; Oregon, 2; South Carolina, 2; Utah, 1; Virginia, 2; West Virginia, 1.TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES:
1939 AND 1937

	1939	1937
Engraving (Steel, Copperplate, and Wood); Plate Print- ing industry, all products, total value.....	\$22,163,638	\$26,625,218
Engraving (steel, copperplate, and wood); plate printing done in this industry.....	19,697,876	23,564,735
Products not classified in this industry.....	2,465,762	3,060,483
Engraving (steel, copperplate, and wood); plate print- ing, total value.....	24,912,824	27,594,834
Engraving (steel, copperplate, and wood); plate printing done in this industry.....	19,697,876	23,564,735
Engraving (steel, copperplate, and wood); plate printing, secondary activities of other industries.....	5,214,948	4,030,099

¹ Value of letterpress printing, lithographing and photo-lithographing, electrotyping and stereotyping, and typesetting (machine and hand) sold to trade.TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED
STATES: 1939 AND 1937

PRODUCT	1939			1937
	Produced in the industry	Produced in other industries	Total	
Total value.....	\$19,697,876	\$5,214,948	\$24,912,824	\$27,594,834
Checks, stationery, etc.....	9,860,008	1,116,039	10,976,047	12,915,160
Labels (paper, metalized paper, or foil).....	1,381,601	1,073,212	2,454,813	406,835
Souvenir cards.....	10,255	4,275	14,530	(¹)
Tags and seals (paper and paper- board).....		61,799	61,799	27,758
Engraving, etc., not elsewhere re- ported.....	8,446,012	2,959,623	11,405,635	14,245,082

¹ Data not available.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	5,353	5,202	5,280	5,357	5,467	5,514	5,165	5,098	5,184	5,276	5,427	5,527	5,736
1937.....	7,226	7,188	7,419	7,460	7,294	7,311	6,873	6,767	6,970	7,342	7,435	7,342	7,313
California.....	114	112	110	113	113	113	115	107	105	107	109	122	140
Colorado.....	27	21	25	31	36	43	24	24	22	22	23	23	27
Connecticut.....	158	151	158	150	154	157	155	170	172	159	168	156	146
District of Columbia.....	56	62	62	53	49	51	50	50	51	52	59	63	72
Illinois.....	653	528	525	544	572	591	599	617	684	698	761	808	907
Indiana.....	69	52	73	96	109	110	51	49	54	56	54	62	67
Kentucky.....	83	80	80	89	91	95	79	74	75	76	81	84	93
Louisiana.....	16	16	16	16	16	16	16	16	16	16	16	16	16
Maryland.....	19	18	18	18	19	19	19	19	19	20	19	18	19
Massachusetts.....	238	240	235	239	238	231	224	221	230	244	251	250	252
Michigan.....	71	67	68	66	67	71	65	70	71	72	73	81	78
Minnesota.....	34	36	36	37	34	34	33	33	33	33	32	34	36
Missouri.....	111	105	110	108	117	128	102	103	110	109	107	106	123
New Jersey.....	517	563	561	552	519	465	441	419	445	547	570	565	559
New York.....	1,570	1,596	1,614	1,598	1,602	1,570	1,582	1,580	1,580	1,481	1,537	1,550	1,595
Ohio.....	138	133	139	139	137	141	139	134	132	137	145	142	141
Pennsylvania.....	940	903	915	945	950	1,005	1,009	907	898	895	925	957	967
Rhode Island.....	103	125	115	107	118	119	77	93	124	130	83	80	68
Tennessee.....	10	8	8	10	9	11	12	10	8	10	9	9	12
Texas.....	86	75	86	101	131	170	46	68	69	71	67	70	73
Washington.....	45	44	48	48	51	53	43	41	45	41	43	42	44
Wisconsin.....	40	40	39	38	40	39	41	40	40	41	41	40	44

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	436
Reporting expenditures for plant and equipment.....	123
Value of products:	
Total for the industry.....	\$22,163,638
Reporting expenditures for plant and equipment.....	12,381,239
Expenditures for plant and equipment:	
Total for the industry.....	311,232
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	57,770
Expenditures for new machinery and operating equipment.....	207,128
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	44,565
Expenditures unclassified.....	1,769

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments.....	436
Number of establishments reporting power equipment.....	436
Prime movers, aggregate:	
Number.....	1
Horsepower.....	25

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Prime movers—Continued.	
Prime movers, driving generators, total—	
Number.....	1
Horsepower.....	25
Internal-combustion engines other than Diesel and semi-Diesel ² —	
Number.....	1
Horsepower.....	25
Generators, kilowatt rating, total.....	16
Internal-combustion engines, ¹ other than Diesel and semi-Diesel, kilowatt rating.....	16
Electric motors, total:	
Number.....	4,175
Horsepower.....	8,399
Driven by purchased energy—	
Number.....	4,102
Horsepower.....	8,182
Driven by energy generated in establishments reporting—	
Number.....	73
Horsepower.....	217
Electric energy purchased (kilowatt-hours).....	6,065,061

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

PHOTOENGRAVING, NOT DONE IN PRINTING ESTABLISHMENTS (INCLUDING PREPARATION OF PLATES)

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—The establishments in this industry are primarily engaged in the making of photoengraved plates for printing illustrations and art work, post cards, greeting cards, magazine covers, half-tone engravings, etc. The establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

Establishments primarily engaged in gravure, roto-gravure, and rotary photogravure work, formerly included in this industry, have been assigned to a separate industry classification. The figures for 1937 in the

tables below have been revised in accordance with this change.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added to materials ³
1939.....	694	9,207	\$22,568,156	\$7,861,670	\$55,619,445	\$48,257,775
1937 ⁴	620	9,707	23,605,584	7,196,483	57,291,196	50,094,713

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁴ No data for prior census years.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	California	Colorado	Connecticut	District of Columbia	Florida	Georgia	Illinois
Number of establishments ¹	694	7	59	5	20	7	9	6	64
Proprietors and firm members.....	384	2	66	8	6	1	4	3	34
Persons reported by manufacturing establishments, total ²	13,747	44	709	57	257	122	61	126	2,471
Salaried officers of corporations ³	981	8	37	3	28	13	14	4	88
Manufacturing:									
Salaried employees ³	1,626	5	97	12	26	15	9	26	276
Wage earners (average for the year) ³	9,207	31	458	42	188	78	36	82	1,786
Distribution.....	1,928		117		15	16	2	14	319
Construction.....	3								2
Other.....	2								
Salaries and wages, total ³	\$35,019,183	\$86,320	\$1,662,472	\$127,745	\$668,277	\$344,463	\$149,924	\$288,318	\$6,145,809
Salaried officers ³	4,880,820	30,378	197,933	22,000	144,359	63,255	49,972	22,400	552,346
Manufacturing:									
Salaries ³	3,140,030	4,330	171,541	12,554	60,103	39,471	20,007	45,393	609,915
Wages.....	22,568,156	51,612	998,244	93,191	435,816	206,777	76,181	178,734	4,112,250
Distribution.....	4,423,202		294,764		27,999	34,960	3,764	41,791	866,342
Construction.....	5,317								4,950
Other.....	1,658								
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	7,361,670	25,575	451,916	49,129	130,207	85,527	43,348	79,972	1,210,639
Materials and supplies.....	5,855,276	21,753	322,558	30,830	98,779	59,954	34,130	74,629	946,732
Fuel.....	110,393	124	3,986	835	3,368	650	2,090	1,520	24,356
Purchased electric energy.....	570,316	2,094	26,303	2,652	11,917	3,869	3,629	3,623	88,603
Contract work.....	825,745	1,604	99,069	14,812	16,143	21,054	3,499	200	150,948
Value of products.....	55,619,445	150,424	3,084,980	246,188	1,041,146	537,813	292,745	583,056	9,597,432
Value added to materials ³	48,257,775	124,849	2,633,064	197,059	910,939	452,286	249,397	503,084	8,356,793

See footnotes at end of table.

PHOTOENGRAVING

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TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Indiana	Iowa	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota
Number of establishments ¹	18	9	4	5	5	10	41	32	14
Proprietors and firm members	13	6	4	6	4	2	24	18	4
Persons reported by manufacturing establishments, total ²	329	77	61	53	23	117	612	673	258
Salaried officers of corporations ²	30	10	7	4	3	15	54	43	27
Manufacturing:									
Salaried employees ²	45	10	6	12	2	16	77	76	23
Wage earners (average for the year) ³	206	44	36	35	17	67	418	497	164
Distribution	48	13	12	2	1	19	63	57	44
Construction									
Other									
Salaries and wages, total ²	\$754,362	\$162,731	\$95,442	\$90,125	\$37,875	\$295,651	\$1,373,625	\$1,785,163	\$631,412
Salaried officers ²	129,782	26,400	17,435	18,500	8,824	61,064	269,004	272,418	114,180
Manufacturing:									
Salaries ²	68,234	12,222	9,890	18,881	2,540	21,128	107,946	186,554	35,100
Wages	460,949	100,926	51,471	58,564	25,575	176,386	859,967	1,174,625	382,081
Distribution	95,397	23,183	16,646	3,180	936	37,073	136,708	151,566	100,051
Construction									
Other									
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	168,244	39,211	23,330	32,278	11,319	59,561	257,741	372,061	146,793
Materials and supplies	118,808	34,642	13,383	29,584	9,937	53,750	198,651	290,799	120,681
Fuel	3,128	1,560	550	759	313	425	2,919	10,363	3,033
Purchased electric energy	11,834	2,904	1,685	1,935	1,009	4,080	25,019	27,400	9,689
Contract work	34,474	105	7,712			1,306	31,152	43,499	13,390
Value of products	1,217,148	304,376	139,224	228,052	70,177	423,830	2,079,756	3,330,563	996,934
Value added to materials ⁴	1,048,904	265,165	115,894	195,774	58,858	364,269	1,822,015	2,958,502	850,141

ITEM	Missouri	Nebraska	New Jersey	New York	North Carolina	Ohio	Oklahoma	Oregon	Pennsylvania
Number of establishments ¹	23	3	10	116	7	51	5	7	50
Proprietors and firm members	4	2	13	39	4	18	1	3	39
Persons reported by manufacturing establishments, total ²	423	24	152	3,828	86	954	52	61	990
Salaried officers of corporations ²	54	3	14	231	4	92	4	8	68
Manufacturing:									
Salaried employees ²	46	3	19	362	13	127	12	11	119
Wage earners (average for the year) ³	268	15	92	2,549	62	597	29	38	670
Distribution	55	3	27	685	7	138	7	4	131
Construction				1					
Other									2
Salaries and wages, total ²	\$982,839	\$53,979	\$412,911	\$11,064,742	\$167,046	\$2,425,760	\$146,448	\$153,574	\$2,442,561
Salaried officers ²	191,686	6,760	66,191	1,317,344	10,920	436,168	42,772	38,801	299,333
Manufacturing:									
Salaries ²	67,890	3,378	54,215	780,258	24,785	239,266	28,049	15,760	202,372
Wages	605,218	32,276	247,670	7,382,420	121,732	1,448,914	55,419	85,837	1,690,400
Distribution	118,045	11,565	44,835	1,584,353	9,609	301,422	20,208	13,176	248,798
Construction				367					
Other									1,658
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	194,085	15,504	105,906	2,036,826	54,041	427,171	37,750	43,177	524,430
Materials and supplies	145,587	10,683	94,732	1,683,895	46,698	337,362	33,018	34,811	377,217
Fuel	1,962		848	19,406	1,682	6,434	729	782	5,451
Purchased electric energy	14,845	1,471	8,430	184,725	4,156	31,017	3,168	3,197	35,855
Contract work	31,691	3,360	1,896	143,800	1,505	52,358	835	4,887	105,907
Value of products	1,494,470	98,587	680,876	16,296,293	288,634	3,627,884	239,257	288,445	3,898,499
Value added to materials ⁴	1,300,385	83,083	574,970	14,259,467	234,593	3,200,713	201,507	245,268	3,374,069

ITEM	Rhode Island	South Carolina	Tennessee	Texas	Utah	Virginia	Washington	Wisconsin	Other States ¹
Number of establishments ¹	8	3	9	24	3	7	14	21	18
Proprietors and firm members	5	1	10	13	4	6	8	3	10
Persons reported by manufacturing establishments, total ²	104	15	72	296	12	71	112	325	122
Salaried officers of corporations ²	8	4	9	21		7	14	39	13
Manufacturing:									
Salaried employees ²	18	1	8	55	1	9	16	45	28
Wage earners (average for the year) ³	72	8	48	174	10	52	66	203	71
Distribution	6	2	7	46	1	3	16	38	10
Construction									
Other									
Salaries and wages, total ²	\$210,176	\$27,526	\$169,814	\$573,015	\$24,085	\$158,726	\$273,891	\$788,254	\$235,122
Salaried officers ²	32,028	8,640	31,029	99,317		41,660	58,472	160,770	38,689
Manufacturing:									
Salaries ²	26,245	1,000	14,098	95,581	5,187	12,985	25,852	82,601	34,699
Wages	132,856	15,164	112,225	304,898	16,538	101,170	166,707	469,654	135,703
Distribution	19,047	2,722	12,462	73,219	2,360	2,911	22,860	75,229	26,031
Construction									
Other									
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total	46,623	5,145	51,671	213,023	7,296	51,869	72,602	216,216	67,484
Materials and supplies	40,121	4,255	50,241	185,640	6,265	44,203	61,295	186,004	53,649
Fuel	1,049	60	813	3,526	70	1,549	1,222	2,493	2,278
Purchased electric energy	4,611	780	3,125	13,938	961	3,122	5,552	16,050	6,978
Contract work	842	50	1,492	9,919		2,995	4,503	11,669	4,679
Value of products	383,487	49,062	350,333	1,094,263	62,943	318,462	494,875	1,209,064	450,167
Value added to materials ⁴	336,864	43,917	294,662	881,240	55,647	266,593	422,273	992,848	382,683

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ See GENERAL EXPLANATIONS—Persons engaged—general classification.

⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

¹ Arizona, 2 establishments; Arkansas, 2; Delaware, 1; Kansas, 2; Mississippi, 1; Montana, 2; Nevada, 1; New Hampshire, 2; North Dakota, 1; South Dakota, 1; Vermont, 1; West Virginia, 2.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Photoengraving, Not Done in Printing Establishments (Including Preparation of Plates) industry, all products, total value.....	\$55,619,445	\$57,291,196
Photoengraving and photoengraved plates made for others, produced in this industry.....	52,458,440	53,513,565
Products not classified in this industry.....	¹ 3,161,005	3,777,631
Photoengraving, not done in printing establishments (including preparation of plates), aggregate value.....	56,493,863	58,271,178
Photoengraving and photoengraved plates made for others, produced in this industry.....	52,458,440	53,513,565
Photoengraving and photoengraved plates made for others, secondary activity of other industries.....	4,035,423	4,757,613

¹ Value of electrotyping and stereotyping, composition (machine and hand) sold to the trade, and lithograph plates made for others.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

No detailed production statistics were collected for this industry for 1939.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH--											
		January	February	March	April	May	June	July	August	September	October	November	December
United States: 1939.....	9,207	9,126	9,260	9,380	9,362	9,375	9,204	9,052	9,026	9,057	9,031	9,240	9,368
1937.....	9,707	9,610	9,721	9,837	9,800	9,823	9,648	9,588	9,605	9,720	9,746	9,676	9,644
Alabama.....	31	36	34	34	34	34	27	29	29	29	29	29	33
California.....	458	447	461	469	485	487	453	433	440	447	454	460	468
Colorado.....	42	38	40	42	43	40	40	43	43	43	42	42	43
Connecticut.....	188	186	185	186	193	194	185	184	189	187	183	185	196
District of Columbia.....	78	76	78	80	76	76	79	76	78	78	78	78	79
Florida.....	36	40	39	39	38	37	33	32	31	32	35	38	38
Georgia.....	82	80	83	82	87	85	76	78	80	78	80	83	89
Illinois.....	1,786	1,750	1,762	1,824	1,812	1,859	1,854	1,760	1,708	1,700	1,716	1,814	1,868
Indiana.....	206	203	214	203	203	215	208	207	204	203	205	201	200
Iowa.....	44	44	44	44	44	44	44	44	44	44	44	44	44
Kentucky.....	36	37	37	38	36	36	36	34	34	34	35	37	37
Louisiana.....	35	36	36	36	36	34	34	34	34	34	34	34	34
Maine.....	17	20	20	20	21	21	15	14	14	14	14	14	14
Maryland.....	67	64	64	67	68	68	68	67	67	67	67	67	67
Massachusetts.....	418	423	427	429	427	421	410	410	408	415	414	418	417
Michigan.....	497	494	498	503	494	488	479	487	508	516	494	500	500
Minnesota.....	164	170	166	166	166	165	167	164	164	164	163	159	160
Missouri.....	268	270	268	272	271	275	275	268	269	263	260	259	261
Nebraska.....	15	15	15	16	15	15	15	15	14	14	14	14	14
New Jersey.....	92	88	86	88	92	95	96	92	97	94	89	92	93
New York.....	2,549	2,514	2,592	2,628	2,593	2,570	2,537	2,509	2,477	2,518	2,508	2,568	2,576
North Carolina.....	62	62	61	59	61	62	57	54	57	63	64	72	76
Ohio.....	597	602	607	604	610	597	590	586	592	597	597	591	596
Oklahoma.....	39	33	33	32	29	29	26	26	26	27	28	28	28
Oregon.....	38	38	38	37	38	41	40	37	37	37	36	36	38
Pennsylvania.....	670	660	667	669	670	679	674	665	671	663	670	671	685
Rhode Island.....	72	64	66	71	70	73	65	77	78	78	68	78	78
South Carolina.....	8	9	9	9	8	8	6	7	7	8	8	8	8
Tennessee.....	48	48	48	47	49	50	48	47	46	45	47	48	50
Texas.....	174	180	177	179	182	169	171	167	173	164	168	173	182
Utah.....	10	10	10	10	10	10	10	10	10	10	10	10	10
Virginia.....	52	52	53	53	53	51	51	52	51	51	51	54	54
Washington.....	66	64	66	68	73	73	61	52	51	51	62	66	66
Wisconsin.....	203	200	203	203	202	201	203	206	216	204	194	200	200

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	694
Reporting expenditures for plant and equipment.....	340
Value of products:	
Total for the industry.....	\$55,619,445
Reporting expenditures for plant and equipment.....	32,845,956
Expenditures for plant and equipment:	
Total for the industry.....	642,457
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	81,119
Expenditures for new machinery and operating equipment.....	461,806

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939—Continued

	1939
Expenditures for plant and equipment—Continued.	
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	\$76,046
Expenditures unclassified.....	23,486

TABLE 7.—POWER—ELECTRIC MOTORS AND PURCHASED ELECTRIC ENERGY: 1939 AND 1929

	1939	1929
Number of establishments.....	694	654
Number of establishments reporting power equipment.....	694	631
Electric motors driven by purchased energy:		
Number.....	8,328	7,255
Horsepower.....	7,317	9,349
Electric energy purchased (kilowatt-hours).....	17,056,712	15,969,534

ELECTROTYPING AND STEREOTYPING, NOT DONE IN PRINTING ESTABLISHMENTS

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—This industry embraces establishments primarily engaged in the making of electrotype and stereotype plates. Such establishments do not, as a rule, print from the electrotype and stereotype plates, but prepare them for use by others.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added to materials ³	Horsepower of prime movers
1939.....	234	4,412	\$8,919,769	\$6,904,385	\$29,045,159	\$22,140,774	—
1937.....	218	4,766	9,693,946	6,760,687	31,042,646	24,281,959	(9)
1935.....	206	4,417	8,443,543	3,831,121	26,867,054	23,035,933	(9)
1933.....	207	3,734	6,438,224	2,741,052	20,005,812	17,294,760	(9)
1931.....	223	4,857	10,916,883	3,760,983	24,581,941	20,820,958	(9)
1929.....	230	6,487	13,770,676	7,646,881	35,617,297	29,070,416	402
1927.....	197	4,502	10,272,775	7,476,853	25,549,214	20,872,361	405
1925.....	193	4,283	9,206,642	4,325,127	22,361,187	18,036,060	348
1923.....	179	4,096	8,333,721	4,011,814	20,596,208	16,584,394	(9)
1921.....	157	3,617	7,081,705	3,829,040	17,358,994	13,529,954	(9)
1919.....	171	3,664	5,002,545	4,310,995	15,919,014	11,608,019	466
1914.....	189	3,457	3,001,369	2,309,631	8,154,171	5,844,540	250
1909.....	174	2,850	2,312,104	1,780,746	6,383,694	4,602,948	528
1904.....	146	2,679	1,993,087	1,068,915	5,005,338	3,936,423	896
1899.....	140	2,408	1,458,977	800,343	3,772,025	2,971,682	567

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

⁴ Revised.

⁵ Not called for on schedule.

⁶ Data not available.

⁷ Does not include cost of contract work.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	California	Connecticut	Illinois	Indiana	Maryland	Massachusetts	Michigan	Minnesota	Missouri
Number of establishments ¹	234	13	8	29	5	4	13	9	5	9
Proprietors and firm members.....	62	7	—	3	—	—	2	2	1	5
Persons reported by manufacturing establishments, total ²	6,333	250	169	1,113	179	66	318	331	67	173
Salaried officers of corporations ³	345	10	15	64	10	10	19	14	8	6
Manufacturing:										
Salaried employees ⁴	810	43	16	94	16	5	48	49	5	21
Wage earners (average for the year) ⁵	4,412	172	121	670	145	47	209	231	48	130
Distribution.....	755	25	17	285	8	4	42	37	6	16
Construction.....	1	—	—	—	—	—	—	—	—	—
Other.....	10	—	—	—	—	—	—	—	—	—
Salaries and wages, total ⁶	\$14,444,505	\$543,398	\$389,526	\$2,687,718	\$394,294	\$136,103	\$697,162	\$886,073	\$149,681	\$333,699
Salaried officers ⁷	2,103,019	74,730	55,318	420,866	60,158	53,215	136,222	102,084	29,850	41,110
Manufacturing:										
Salaries ⁸	1,714,954	106,925	42,838	231,689	26,391	8,505	83,576	118,049	11,812	41,081
Wages.....	8,919,769	304,107	274,816	1,520,883	289,107	70,079	395,852	528,245	98,009	225,728
Distribution.....	1,674,807	57,636	16,554	514,280	18,638	4,304	81,512	137,695	10,010	25,780
Construction.....	2,414	—	—	—	—	—	—	—	—	—
Other.....	29,632	—	—	—	—	—	—	—	—	—
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	6,904,385	146,318	89,015	732,491	196,056	39,215	165,955	349,371	37,863	88,131
Materials and supplies.....	3,591,993	114,971	69,637	614,359	160,532	30,007	114,645	242,455	28,484	71,878
Fuel.....	161,450	4,098	5,269	20,119	6,683	2,710	6,446	11,586	2,048	4,578
Purchased electric energy.....	478,247	8,991	10,364	62,301	20,771	4,955	24,717	27,299	5,939	8,833
Contract work.....	2,672,695	18,258	3,745	35,712	8,070	1,543	20,147	68,031	1,392	2,842
Value of products.....	29,045,159	953,595	606,621	4,833,704	799,134	216,425	1,144,461	1,611,664	274,707	560,042
Value added to materials ⁹	22,140,774	807,277	517,606	4,101,213	603,078	177,210	978,506	1,262,293	236,844	471,911

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	New Jersey	New York	Ohio	Pennsylvania	Tennessee	Texas	Washington	Wisconsin	Other States ¹
Number of establishments ¹	6	52	26	14	4	4	4	8	21
Proprietors and firm members.....	3	11	6	4	1	4	3	1	9
Persons reported by manufacturing establishments, total ²	122	1,699	879	489	69	33	16	100	262
Salaried officers of corporations ³	6	80	34	19	7	-----	3	18	22
Manufacturing:									
Salaried employees ³	10	237	149	55	13	5	1	11	32
Wage earners (average for the year) ³	88	1,213	622	400	41	23	11	64	170
Distribution.....	18	169	64	15	8	5	1	7	28
Construction.....			1						
Other.....			9						1
Salaries and wages, total ³	\$263,647	\$3,800,882	\$2,087,201	\$1,117,788	\$132,739	\$49,382	\$42,613	\$191,476	\$541,213
Salaried officers ³	32,878	506,073	253,173	134,322	25,410	-----	18,600	64,179	94,831
Manufacturing:									
Salaries ³	16,184	461,867	331,289	126,490	21,357	9,346	2,380	17,178	57,997
Wages.....	177,464	2,386,467	1,312,037	817,067	69,285	32,710	19,333	96,363	302,236
Distribution.....	37,121	446,494	159,296	39,909	16,687	7,326	2,300	13,756	85,608
Construction.....			2,414						
Other.....			28,992						640
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	84,356	3,553,669	830,059	310,043	35,919	27,214	13,449	64,072	141,189
Materials and supplies.....	65,646	1,047,570	564,529	253,201	30,208	18,242	10,188	50,670	104,771
Fuel.....	5,419	40,684	14,689	20,599	2,434	1,975	666	3,807	7,640
Purchased electric energy.....	10,454	151,996	69,056	33,706	3,277	3,162	1,987	9,595	20,844
Contract work.....	2,837	2,813,519	181,785	2,737		3,835	308		7,934
Value of products.....	506,217	9,228,016	4,588,538	1,966,402	244,427	147,469	72,467	363,752	927,518
Value added to materials ⁴	421,861	5,674,347	3,758,479	1,656,359	208,508	120,255	59,018	299,680	786,329

¹ See GENERAL EXPLANATIONS—Definition of establishment. ² See GENERAL EXPLANATIONS—Persons engaged—general classification.
³ See GENERAL EXPLANATIONS—Wage earners and wages. ⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.
⁵ Colorado, 1 establishment; District of Columbia, 3; Florida, 1; Georgia, 1; Iowa, 2; Kentucky, 2; Louisiana, 1; Maine, 2; Mississippi, 1; Nebraska, 1; Oklahoma, 1; Oregon, 2; Rhode Island, 1; Virginia, 2.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

	1939	1937	1929
Electrotyping and Stereotyping, Not Done in Printing Establishments industry, all products, total value.....	\$29,045,159	\$31,042,646	\$35,617,297
Electrotyping and stereotyping, not done in printing establishments, produced in this industry.....	27,350,505	1 28,621,715	35,331,095
Products not classified in this industry.....	1 1,694,654	1 2,420,931	285,302
Electrotyping and stereotyping not done in printing establishments, aggregate value.....	32,017,528	1 33,802,849	40,827,102
Electrotyping and stereotyping not done in printing establishments, produced in this industry.....	27,350,505	1 28,621,715	35,331,095
Electrotyping and stereotyping not done in printing establishments, secondary activities of other industries.....	4,667,023	5,181,134	5,496,107

¹ Revised. ² Value of ready prints, composition (machine and hand) sold to trade, and photoengraving and photoengraved plates made for others.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

All production figures for this industry are shown in table 3.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939,
1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

[illegible]

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	234
Reporting expenditures for plant and equipment.....	130
Value of products:	
Total for the industry.....	\$29,045,159
Reporting expenditures for plant and equipment.....	18,770,728
Expenditures for plant and equipment:	
Total for the industry.....	501,739
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	143,379
Expenditures for new machinery and operating equipment.....	319,667
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	38,075
Expenditures unclassified.....	618

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

	1939	1929
Number of establishments.....	234	230
Number of establishments reporting power equipment.....	232	226
Prime movers, aggregate:		
Number.....		6
Horsepower.....		402

TABLE 7.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

	1939	1929
Prime movers—Continued.		
Prime movers, driving generators, total—		
Number.....		16
Horsepower.....		1402
Steam engines—		
Number.....		14
Horsepower.....		1162
Steam turbines—		
Number.....		12
Horsepower.....		1240
Generators, kilowatt rating.....		140
Electric motors, total:		
Number.....	7,071	6,762
Horsepower.....	21,547	21,215
Driven by purchased energy—		
Number.....	7,071	6,707
Horsepower.....	21,547	20,945
Driven by energy generated in establishments reporting:		
Number.....		55
Horsepower.....		270
Electric energy purchased (kilowatt-hours).....	17,136,569	15,505,699

¹ Includes prime movers not driving generators.