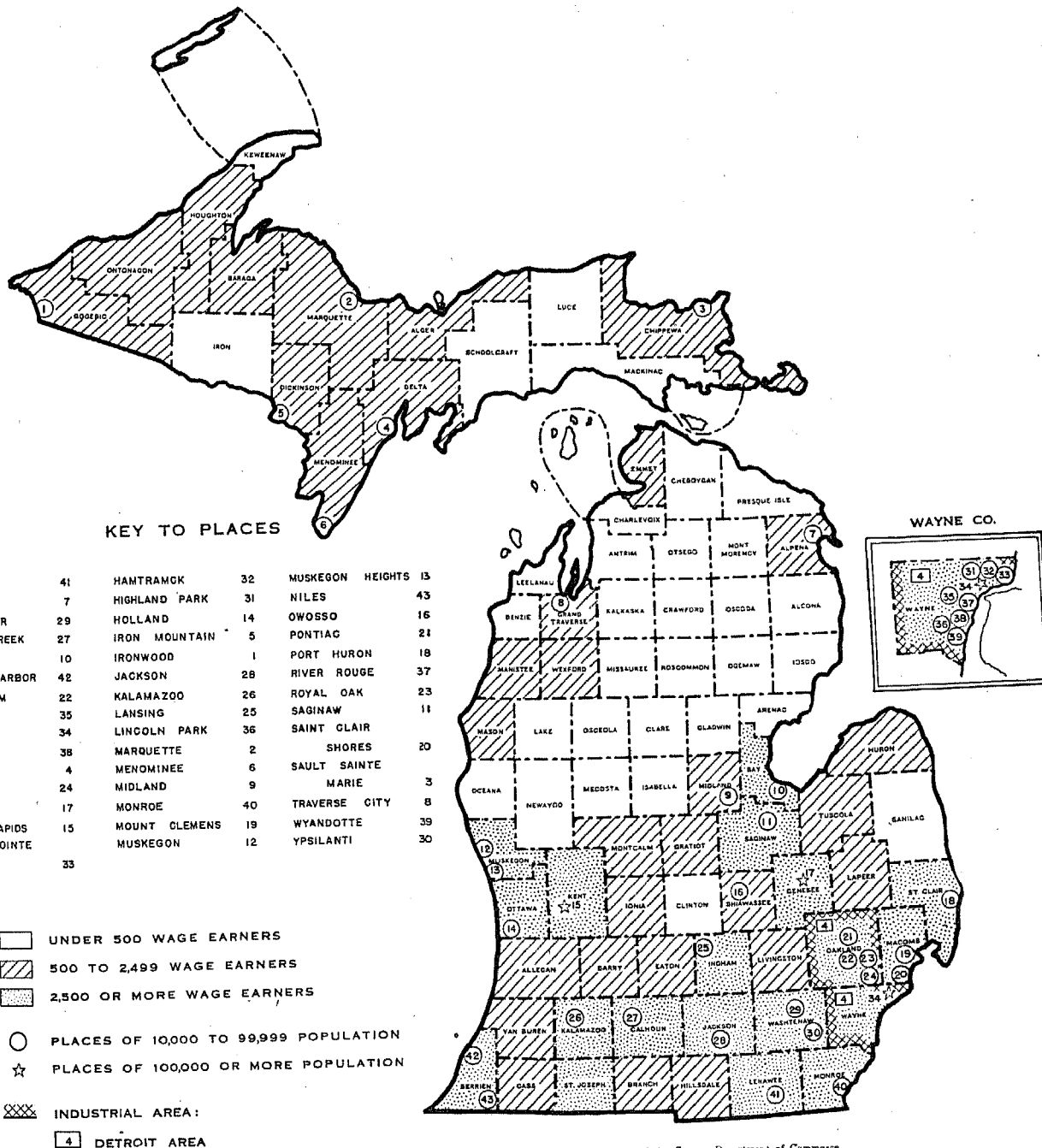


MICHIGAN

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

MICHIGAN

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ³
1939	6,311	3,923	588,446	\$963,557,084	\$2,549,818,942	\$4,348,223,244	\$1,708,404,302
1937	5,614	2,989	736,895	1,170,254,609	3,204,437,649	5,296,100,060	2,091,663,311
1929	6,549	3,793	584,983	1,018,426,214	2,558,463,971	4,584,045,318	2,025,581,347

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR DETROIT INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ^{2,3}	Value of products ^{2,3}	Value added by manufacture
The State	5,256,106	6,311	522,242	\$780,975,675	\$2,549,818,942	\$4,348,223,244	\$1,708,404,302
Detroit Industrial Area ⁴	2,269,691	2,772	311,332	511,909,475	1,650,125,393	2,719,210,420	1,069,085,036
COUNTIES ⁵							
Alcona ⁷	5,463	1					
Alger	10,167	13	640	678,887	2,876,076	3,826,796	950,720
Allegan	41,839	54	1,476	1,660,104	7,105,058	11,164,487	4,050,429
Alpena	20,796	19	1,618	1,096,075	3,519,347	7,384,278	3,864,031
Antrim	10,964	6	366	325,602	917,802	1,463,054	535,252
Arenac	9,233	6	22	21,845	184,855	260,150	75,295
Baraga ⁷	9,356	11	611				
Barry	22,613	16	821	853,690	2,113,591	5,815,845	3,702,254
Bay	74,981	99	5,946	7,527,478	20,621,973	36,895,304	16,273,331
Benzie	7,800	7	75	35,449	329,608	612,893	183,285
Berrien	89,117	167	9,052	10,155,999	26,736,565	51,022,632	24,285,967
Branch	25,845	33	1,290	1,183,726	3,224,624	6,331,010	3,106,386
Calhoun	94,206	129	9,775	13,388,173	35,143,947	88,053,387	52,909,440
Cass	21,910	21	670	678,356	1,598,411	3,473,486	1,875,076
Charlevoix ⁷	13,031	7	304				
Cheboygan	13,644	8	310	241,530	1,147,914	1,811,434	663,520
Chippewa	27,867	24	1,473	1,816,526	6,450,240	10,558,702	4,108,462
Clare	9,163	8	25	23,514	180,540	277,157	96,617
Clinton	26,671	18	219	262,232	4,583,752	7,172,649	2,588,897
Crawford ⁷	3,765	6	87				
Delta	34,037	47	1,554	1,616,162	5,303,162	8,929,574	3,620,412
Dickinson ⁷	28,731	23	1,628				
Eaton	34,124	41	903	780,353	2,402,637	4,567,637	2,165,000
Emmet	15,791	17	598	594,293	1,601,935	3,699,407	2,097,472
Genesee ⁷	227,944	139	33,085				
Gladwin	9,385	5	18	15,726	100,447	150,541	50,064
Gogebic	31,797	35	995	846,225	946,131	2,235,912	1,289,781
Grand Traverse	23,390	31	822	584,142	2,027,658	3,800,983	1,773,425
Gratiot	32,205	29	983	972,690	8,989,234	12,657,944	3,668,710
Hillsdale	29,092	32	1,593	1,537,657	9,115,445	11,828,877	2,713,432
Houghton	47,631	51	940	790,238	8,893,251	13,561,940	4,668,689
Huron	32,584	32	640	533,479	3,577,243	6,695,934	3,118,691
Ingham ⁷	130,610	129	12,768				
Ionia	35,710	39	1,490	1,276,517	7,979,331	11,147,366	3,168,035
Iosco ⁷	8,560	4	175				
Iron	20,243	22	236	160,704	553,680	891,180	337,509
Isabella	25,982	21	873	416,447	3,615,185	5,291,989	1,676,804
Jackson	93,108	125	6,938	9,793,094	28,832,491	54,801,416	25,068,925
Kalamazoo	100,085	179	11,025	14,291,271	46,308,342	92,243,661	46,935,319
Kalkaska ⁶	5,159						
Kent	246,338	491	23,985	29,255,873	64,185,509	136,137,069	71,951,560
Keweenaw ⁷	4,004	2					
Lake ⁶	4,798						
Lapeer	32,116	25	600	597,401	1,134,764	2,200,045	1,065,281
Leelanau ⁷	8,436	2					
Lenawee	53,110	89	3,149	3,389,392	12,232,340	22,062,266	10,729,926
Livingston	20,863	14	507	595,975	1,287,437	2,779,672	1,492,235
Luce	7,423	8	79	73,893	88,525	240,665	152,140
Mackinac	9,438	8	25	18,345	68,595	105,643	87,048
Macomb	107,638	62	4,512	6,764,391	45,117,473	65,662,812	20,545,339
Manistee	18,450	33	1,769	1,429,186	4,031,931	7,910,198	3,878,267
Marquette	47,144	46	1,632	1,415,447	2,627,439	5,855,525	3,228,086
Mason	19,378	27	1,030	795,811	2,307,470	4,270,705	1,963,235
Mecosta	16,802	16	402	457,837	2,857,620	3,896,972	1,039,352
Menominee	24,883	42	1,642	1,689,221	5,457,985	9,172,102	3,714,117

See footnotes at end of table.

TABLE 2.—SUMMARY FOR DETROIT INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁴
COUNTIES ⁵ —continued							
Midland ⁷	27,094	14	2,489				
Missaukee ⁷	8,034	3	0				
Monroe	58,020	50	4,244	\$5,214,778	\$12,101,178	\$25,805,271	\$13,614,093
Montcalm	28,581	24	1,079	1,075,451	6,015,000	9,880,588	3,874,588
Montmorency ⁷	3,840	1					
Muskegon	94,501	125	13,493	16,010,445	43,170,092	81,860,230	38,600,138
Newaygo ⁷	10,286	14	454				
Oakland ⁸	254,068	139	16,133				
Oceana	14,812	21	326	192,316	1,480,412	2,077,594	597,182
Ogemaw ⁷	8,720	4	15				
Ontonagon	11,359	19	874	778,794	1,771,948	2,913,527	1,141,679
Osceola	13,309	9	248	183,894	1,306,797	1,836,389	520,592
Oscoda ⁷	2,543	1					
Otsego	5,827	3	8	6,752	45,154	68,380	23,226
Ottawa	59,090	129	6,027	6,182,731	16,036,624	34,893,415	18,250,891
Presque Isle ⁷	12,250	5	137				
Roscommon ⁷	3,068	2					
Saginaw	130,468	150	12,155	17,220,309	31,124,720	68,516,385	37,391,665
St. Clair	70,222	72	5,324	6,868,263	19,004,981	39,118,008	20,113,027
St. Joseph	31,749	56	3,262	3,664,139	12,617,488	23,279,328	10,061,840
Sanilac	30,114	23	181	130,257	1,247,528	1,874,324	626,790
Schoolcraft	9,524	10	351	392,214	1,246,200	2,407,091	1,160,891
Shiawassee	41,207	47	1,563	1,819,804	3,738,093	6,861,810	3,153,717
Tuscola	35,694	2	623	620,738	2,505,359	4,056,396	1,551,037
Van Buren	35,111	54	1,148	930,047	3,392,283	6,473,971	3,081,688
Washtenaw	80,810	118	4,852	6,493,531	15,507,545	31,613,295	16,105,750
Wayne ⁹	2,015,623	2,772	311,332	611,909,475	1,050,125,393	2,719,210,429	1,069,085,036
Wexford	17,976	26	1,102	923,646	2,567,031	4,805,779	2,238,748
Undistributed ⁹		368	51,855	88,472,235	335,747,853	550,920,926	215,173,073
PLACES HAVING 10,000 OR MORE INHABITANTS							
Adrian	14,230	39	1,714	1,883,978	5,397,392	10,424,401	5,027,009
Alpena ¹⁰	12,808	17	1,611				
Ann Arbor	20,815	58	1,950	2,710,305	5,521,354	13,148,215	7,626,861
Battle Creek	43,453	72	6,627	9,407,520	27,621,401	70,650,658	48,028,237
Bay City	47,956	77	5,216	6,463,219	15,234,721	28,387,330	13,102,609
Benton Harbor	16,668	54	2,422	2,557,823	4,388,851	9,326,705	4,637,854
Birmingham	11,196	9	96	137,045	208,124	581,445	373,321
Dearborn ¹⁰	68,584	40	68,043				
Detroit	1,623,452	2,335	182,373	296,486,865	932,639,532	1,582,619,497	649,979,665
Ecorse ¹⁰	13,209	12	7,189				
Escanaba	14,830	19	332	377,619	1,812,147	2,735,424	923,277
Ferndale ¹⁰	22,623	19	450				
Flint ¹⁰	151,543	109	32,718				
Grand Rapids	104,292	421	19,665	23,050,012	44,423,592	99,915,933	55,492,341
Grosse Pointe Park ¹⁰	12,646	4	18				
Hamtramck ¹⁰	49,839	67	22,945				
Highland Park ¹⁰	50,810	38	6,051				
Holland	14,616	59	2,604	2,484,438	5,798,957	15,106,381	9,367,424
Iron Mountain ¹⁰	11,080	12	220				
Ironwood	13,309	16	232	200,839	264,493	660,651	402,158
Jackson	49,656	104	6,223	8,846,068	26,298,775	50,059,657	23,760,881
Kalamazoo	54,097	147	7,233	9,122,873	28,374,138	61,409,756	33,035,618
LaSalle ¹⁰	78,753	106	12,539				
Lincoln Park ¹⁰	15,236	3	20				
Marquette	15,928	19	833	854,133	1,592,065	3,024,159	1,431,194
Menominee	10,230	25	1,559	1,509,182	4,194,419	7,360,775	3,166,356
Midland ¹⁰	10,320	11	2,448				
Monroe	18,478	35	3,876	4,793,830	11,177,237	23,944,324	12,767,087
Mount Clemens ¹⁰	14,889	20	1,190				
Muskegon	47,697	87	7,141	8,749,517	19,480,107	43,537,453	24,057,346
Muskegon Heights	16,047	17	4,115	4,614,921	10,503,136	25,759,659	9,256,523
Niles	11,328	26	1,587	1,946,520	5,422,795	11,938,496	6,515,701
Owosso	14,424	30	1,241	1,200,053	3,051,402	5,331,628	2,280,226
Pontiac ¹⁰	66,626	49	14,152				
Port Huron	32,759	38	1,986	2,755,365	8,475,428	16,521,348	8,045,920
River Rouge	17,008	19	1,808	2,892,067	18,982,286	25,485,660	6,603,374
Royal Oak ¹⁰	25,087	18	146				
Saginaw	82,794	125	11,547	16,518,078	25,940,627	60,734,675	34,794,048
Saint Clair Shores ⁹	10,405						
Sault Sainte Marie	15,847	18	1,397	1,764,781	6,285,758	10,296,844	4,011,086
Traverse City	14,456	30	814	877,859	2,020,868	3,778,068	1,757,200
Wyandotte	30,618	44	3,658	5,699,351	15,068,721	34,915,058	19,817,237
Ypsilanti	12,121	23	2,118	2,805,910	7,069,277	13,475,482	6,406,205

⁸The figures for Oakland County have been combined with those for Wayne County to avoid disclosing data for individual establishments.

¹Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

²Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵For numbers of establishments by "industry groups," see table 11.

⁶The Detroit Industrial Area comprises Oakland and Wayne counties. For statistics by industries for the area, see table 9.

⁷Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁸No manufacturing reported.

⁹The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

¹⁰Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics, by industries, for Flint is included in this report.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	683,902	585,740	Salaried officers and employees—Continued.		
Male.....	593,506	502,645	All other employees, etc.—Continued.		
Female.....	90,396	83,095	Engaged in manufacturing:		
Salaried officers and employees, total.....	98,931	60,463	Male.....	47,521	
Male.....	77,540	48,353	Female.....	13,244	
Female.....	21,391	18,110	Engaged in distribution:		
Salaried officers of corporations, total.....	5,439	5,470	Male.....	20,733	
Male.....	5,086	5,220	Female.....	7,463	(³)
Female.....	353	250	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total.....	93,492	60,993	Male.....	2,537	
Male.....	72,454	43,133	Engaged in other work:		
Female.....	21,038	17,860	Male.....	1,663	
			Female.....	331	
			Wage earners engaged in manufacturing, total.....	584,971	519,277
			Male.....	515,966	454,292
			Female.....	69,005	64,985

¹ See headnote.

² Figures do not include data for 3,923 proprietors and firm members for 1939 and 3,793 for 1929, which were not reported by sex for 1939.

³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939.....	522,242	530,244	525,746	523,312	518,931	506,899	487,901	449,927	444,701	550,579	574,802	550,075	604,291
1937.....	660,676	662,370	680,025	686,208	695,085	701,371	687,941	664,286	638,062	598,725	606,162	656,645	591,229
1929.....	518,520	520,878	547,237	561,135	567,563	566,413	546,144	540,170	537,100	526,194	484,788	418,532	406,071

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ¹
	1939	1929	1939	1929	1939	1939
All establishments.....	6,311	6,549	522,242	518,520	\$4,348,223,244	\$1,798,404,302
No wage earners.....	227	213			5,437,156	2,831,174
1 to 5.....	2,532	2,803	6,966	7,452	68,703,311	30,425,077
6 to 20.....	1,002	1,670	18,067	17,448	159,090,118	72,544,082
21 to 50.....	776	794	25,487	25,945	209,681,445	98,579,847
51 to 100.....	442	447	31,495	32,498	215,470,095	108,192,080
101 to 250.....	400	386	63,437	60,520	418,994,185	207,745,584
251 to 500.....	169	177	58,277	61,958	430,994,716	216,381,246
501 to 1,000.....	81	82	56,000	57,922	426,368,684	197,712,103
1,001 to 2,500.....	55	47	78,548	69,999	600,204,481	263,352,351
2,501 or more.....	27	30	183,965	184,778	1,812,319,053	600,639,569

¹ See headnotes to tables 3 and 4.

¹ See GENERAL EXPLANATIONS—Value added by manufacture

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	6,311	6,549	522,242	518,520	\$4,348,223,244	\$4,584,045,318	\$1,798,404,302	\$2,025,581,347
\$5,000 to \$19,999.....	1,834	1,860	4,783	4,151	20,537,809	21,670,160	11,752,134	13,001,685
\$20,000 to \$49,999.....	1,295	1,358	7,985	7,035	41,338,369	44,016,245	22,773,675	25,457,489
\$50,000 to \$99,999.....	858	869	10,804	9,527	61,687,485	61,650,596	32,775,515	35,412,760
\$100,000 to \$249,999.....	929	911	25,159	22,997	148,142,398	152,229,986	78,993,548	84,704,055
\$250,000 to \$499,999.....	480	518	29,802	27,087	171,046,791	179,840,622	87,191,832	98,118,045
\$500,000 to \$999,999.....	358	453	38,322	45,415	250,841,248	318,953,000	124,958,690	163,455,095
\$1,000,000 to \$2,499,999.....	319	319	67,663	73,549	494,359,052	490,807,628	240,957,586	254,300,361
\$2,500,000 to \$4,999,999.....	113	105	49,009	46,640	383,345,919	353,879,416	182,265,949	190,691,565
\$5,000,000 and over.....	125	120	288,715	282,119	2,776,924,173	2,960,997,665	1,016,735,373	1,160,440,260

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	6,311	6,549	522,242	518,520	\$4,348,223,244	\$4,584,045,318	\$1,798,404,302	\$2,025,581,347
TYPE OF OPERATION								
1939 ³ :								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	1,160	(⁴)	369,744	(⁴)	3,305,679,518	(⁴)	1,277,879,505	(⁴)
Independent (single-unit).....	2,393	(⁴)	131,338	(⁴)	911,212,063	(⁴)	460,475,966	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	103	(⁴)	1,891	(⁴)	8,602,223	(⁴)	3,246,271	(⁴)
Independent (single-unit).....	2,715	(⁴)	19,269	(⁴)	123,329,410	(⁴)	56,802,560	(⁴)
1939 AND 1929 ³ :								
Central-administrative-office (plural-unit), corporate and noncorporate.....	1,203	788	371,635	289,571	3,313,681,741	2,545,443,891	1,281,125,776	1,089,238,479
Independent (single-unit), corporate and noncorporate.....	5,108	5,761	150,607	228,949	1,034,541,503	2,038,601,427	517,278,526	936,342,868
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	3,403	3,448	501,082	495,792	4,216,291,611	4,408,848,554	1,738,355,471	1,929,563,555
Noncorporate, total.....	2,818	3,101	21,160	22,728	131,931,633	175,196,764	60,048,831	96,017,792
Individual.....	1,922	(⁴)	11,521	(⁴)	65,875,448	(⁴)	31,814,116	(⁴)
Partnership.....	838	(⁴)	9,070	(⁴)	57,400,222	(⁴)	26,579,400	(⁴)
Cooperative.....	41	(⁴)	401	(⁴)	7,740,318	(⁴)	1,220,985	(⁴)
•Other.....	17	(⁴)	168	(⁴)	915,645	(⁴)	434,330	(⁴)

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.⁴ No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments are given, however, reported larger numbers of wage earners or

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	All industries, total.....	6,311	3,923	621,173	5,439	60,765	522,242	28,196	2,537	1,994
2	13 Abrasive wheels, stones, paper, cloth, and related products.....	9	2	628	12	49	451	115	1	
3	17 Agricultural machinery (except tractors).....	15	8	875	23	144	613	91	1	3
4	12 Aircraft and parts, including aircraft engines.....	9	8	1,336	11	301	962	62		
5	15 Alloying and rolling and drawing of nonferrous metals, except aluminum.....	16		3,735	29	423	3,020	179	69	15
6	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	18	9	2,286	14	295	1,960	12	5	
7	13 Asbestos products (except steam packing and pipe and boiler covering).....	3		319	3	62	215	39		
8	14 Automobile stampings.....	33	11	3,518	46	353	3,059	54	3	3
9	18 Automobile trailers (for attachment to passenger cars).....	20	12	563	20	54	456	32		1
10	16 Automotive electrical equipment.....	7	1	868	6	30	826	6		
11	6 Baskets for fruits and vegetables.....	8	4	407	7	17	308	10	5	
12	16 Batteries, storage and primary (dry and wet).....	7	10	50		5	38	5		2
13	3 Batting, padding, and wadding; upholstery filling.....	9		1,107	10	89	992	10		
14	1 Beet sugar.....	13		1,800	11	119	1,585	1	16	68
15	1 Biscuit, crackers, and pretzels.....	13	4	1,402	20	80	1,180	114		8
16	14 Blast-furnace products.....	4		936	1	50	870	3	12	
17	17 Blowers; exhaust and ventilating fans.....	12	4	1,160	15	167	715	178	11	74
18	19 Boat building and boat repairing.....	11	7	986	11	86	872	17		
19	14 Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	16	1	1,065	28	97	904	36		
20	8 Bookbinding and related industries.....	27	14	1,315	37	202	1,038	38		
21	8 Books: printing without publishing.....	58	37	1,524	56	190	1,160	108	1	
22	8 Books: publishing and printing.....	4	1	65	2	11	49	3		
23	8 Books: publishing without printing.....	11	8	197	1	130		66		
24	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	686	754	11,060	105	643	9,205	900	49	158
25	13 Brick and hollow structural tile.....	10	3	527	10	30	466	10	11	
26	20 Brooms.....	7	9	52	1	1	48	2		
27	20 Brushes.....	7	10	94	5	5	77	7		
28	20 Buttons.....	4	2	289	4	33	239	13		
29	1 Candy and other confectionery products.....	27	11	1,650	23	75	892	57	3	
30	1 Canned and dried fruits and vegetables (including canned soups).....	51	12	3,047	55	188	2,699	165	25	15
31	4 Canvas products (except bags).....	13	7	309	11	24	195	78		1
32	3 Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	3	4	54		10	44			2
33	17 Cars and trucks, industrial.....	6	5	570	9	48	491	20		
34	6 Caskets, coffins, burial cases, and other morticians' goods.....	23	8	644	40	40	483	81		
35	13 Cement.....	9		1,941	7	123	1,682	121	8	
36	1 Cereal preparations.....	4		3,350	7	413	2,699	132		99
37	1 Cheese.....	49	37	192		22	150	15	3	2
38	9 Chemicals not elsewhere classified.....	23	2	7,344	36	1,141	5,368	224	550	25
39	4 Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	1	196	1	2	183	4	1	5
40	2 Cigars.....	25	18	1,652	14	59	1,562	16		1
41	13 Clay products (except pottery) not elsewhere classified.....	4	2	128	2	12	109	3	2	
42	9 Cleaning and polishing preparations, blackings, and dressings.....	29	8	457	24	65	234	120	14	
43	7 Coated and glazed paper.....	5		418	3	15	378	22		
44	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	4	6	68	1	2	61	4		
45	14 Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	3		401	7	26	364	4		
46	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	16		259		31	176	52		
47	13 Concrete products.....	119	106	1,271	52	106	1,001	107	5	
48	1 Condensed and evaporated milk.....	37	4	954	8	106	747	41	51	1
49	17 Construction and similar machinery (except mining and oil-field machinery and tools).....	13	3	1,884	22	378	1,386	90	3	5
50	7 Converted paper products not elsewhere classified.....	16	11	2,510	20	267	1,947	255	21	
51	6 Cooperage.....	9	1	104	1	8	95			
52	3 Cordage and twine.....	4	1	223	7	25	177	14		
53	4 Corsets and allied garments.....	9		1,562	20	98	1,340	98		6
54	1 Creamery butter.....	179	132	1,517	32	274	807	308	19	17
55	4 Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	3	3	30	2	2	21	5		
56	14 Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	4	1	139	5	20	113	1		
57	20 Dental equipment and supplies.....	5		172	12	14	110	36		
58	14 Doors, window sash, frames, molding, and trim (made of metal).....	7	3	1,827	23	200	1,232	355	8	
59	9 Drugs and medicines (including drug grinding).....	32	17	4,095	45	671	2,446	891	35	7
60	16 Electrical appliances.....	10	1	725	17	79	534	88	6	1
61	16 Electrical products not elsewhere classified.....	10	2	570	11	49	439	71		
62	15 Electroplating, plating, and polishing.....	42	41	941	34	61	811	25	7	3
63	8 Electrotyping and stereotyping, not done in printing establishments.....	9	2	331	14	40	231	37		
64	17 Elevators, escalators, and conveyors.....	11		1,162	29	127	957	49		
65	14 Enamelled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	14	2	1,827	17	173	1,532	103	2	
66	14 Enameling, japanning, and lacquering.....	6	5	364	5	23	305	26	5	

See footnotes at end of table.

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figure larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK								Value of products		Value added by manufacture	
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture					
		Salaries ³	Wages															
Dollars 1,027,488,238	Dollars 35,612,027	Dollars 137,969,382	Dollars 789,975,075	Dollars 56,760,910	Dollars 3,933,542	Dollars 3,236,702	Dollars 2,649,818,942	Dollars 2,408,803,162	Dollars 54,152,489	Dollars 29,185,851	Dollars 57,677,440	Dollars 4,348,223,244	Dollars 1,708,404,302					
1,022,019	99,023	113,600	532,266	275,570	1,500	---	1,537,172	1,459,064	34,086	43,422	---	3,572,268	2,035,096					
1,276,581	77,012	230,192	800,747	162,632	817	5,181	2,502,329	2,523,948	26,053	41,640	688	4,005,142	2,012,813					
2,317,083	93,962	574,536	1,507,692	141,493	---	---	2,622,968	2,473,232	51,088	68,748	29,900	5,612,250	2,989,282					
6,862,736	341,501	930,123	4,978,485	469,085	124,119	21,420	20,845,033	19,730,685	427,609	673,067	13,672	36,434,160	15,589,127					
3,740,174	72,633	601,464	3,039,348	22,461	10,273	---	7,791,569	7,427,201	193,713	163,950	6,675	13,748,213	5,956,044					
(⁴)	(⁵)	(⁶)	(⁷)	(⁸)	(⁹)	(¹⁰)	(¹¹)	(¹²)	(¹³)	(¹⁴)	(¹⁵)	(¹⁶)	(¹⁷)					
6,076,851	310,602	835,896	4,803,348	115,848	7,567	3,620	7,207,460	6,707,512	89,424	209,402	201,122	16,623,724	9,416,234					
739,351	94,501	72,960	529,739	41,915	---	236	1,420,037	1,382,727	16,431	16,910	3,969	2,471,470	1,051,433					
(¹⁸)	(¹⁹)	(²⁰)	(²¹)	(²²)	(²³)	(²⁴)	(²⁵)	(²⁶)	(²⁷)	(²⁸)	(²⁹)	(³⁰)	(³¹)					
304,439	13,408	21,976	251,610	13,991	3,454	---	574,678	562,618	4,462	7,598	---	1,094,052	520,274					
60,002	---	7,908	43,124	8,040	---	300	252,156	244,475	2,397	5,284	---	374,968	122,812					
1,423,051	127,875	153,877	1,005,006	45,693	---	---	3,222,826	3,093,424	19,443	109,959	---	6,998,482	3,775,656					
2,070,241	69,500	189,224	1,605,369	1,090	57,585	147,473	9,908,522	8,931,282	924,288	52,952	---	14,976,294	5,067,772					
1,645,874	141,255	136,334	1,164,245	192,324	744	10,912	3,876,814	3,762,254	87,053	27,507	---	8,728,640	4,851,826					
(³²)	(³³)	(³⁴)	(³⁵)	(³⁶)	(³⁷)	(³⁸)	(³⁹)	(⁴⁰)	(⁴¹)	(⁴²)	(⁴³)	(⁴⁴)	(⁴⁵)					
2,047,355	112,334	304,056	1,077,371	402,402	18,302	132,890	2,333,784	2,208,160	38,215	44,633	42,776	6,750,153	4,416,369					
1,209,118	88,927	189,531	964,062	55,908	---	---	2,154,687	2,118,032	17,008	18,457	1,190	4,113,913	1,959,226					
1,954,007	281,823	220,292	1,332,226	100,666	---	---	3,449,021	3,137,944	41,877	112,588	156,612	6,537,612	3,088,591					
1,774,189	191,364	344,588	1,174,898	73,343	---	---	2,057,535	1,973,972	26,124	31,797	25,64							

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS 1						
				Total 2	Salaried officers of corporations 2	Manufacturing		Distribu-tion	Con-struc-tion	Other
						Salaried em-ployees 2	Wage earners (average for year) 3			
1	15	Engraving on metal (except for printing purposes).....	3	3	51	2	49			
2	8	Engraving (steel, copperplate, and wood); plate printing.....	9	5	105	8	71	7		
3	7	Envelopes.....	5		320	9	226	62		
4	9	Explosives.....	3	5	138		102	1	13	
5	20	Fabricated plastic products, not elsewhere classified.....	8	2	723	4	672	7		
6	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	43	29	2,007	46	1,500	133	18	1
7	20	Feathers, plumes, and artificial flowers.....	3	1	80		70	4		
8	9	Fertilizers.....	7		366	2	321	13		
9	7	Fiber cans, tubes, and similar products.....	6	5	156	1	133	6		1
10	20	Fire extinguishers, chemical.....	4	2	123	5	63	25		
11	1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	17	8	148	15	61	49		2
12	1	Flour and other grain-mill products.....	74	69	936	46	604	140	5	2
13	1	Food preparations, not elsewhere classified.....	45	31	1,037	42	644	178	7	16
14	17	Food-products machinery.....	15	9	1,038	18	647	107	3	6
15	12	Footwear (except rubber).....	8		1,145	10	1,001	50	1	
16	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	22	1	1,693	37	1,537	23		
17	4	Fur coats and other fur garments, accessories, and trimmings.....	13	7	214	10	163	14		
18	20	Games and toys (except dolls and children's vehicles).....	18	8	1,078	24	927	38		
19	8	General commercial (job) printing.....	333	295	3,837	161	2,874	292	3	
20	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	31	15	3,488	39	2,727	254	10	3
21	14	Gray-iron and semisteel castings.....	78	30	8,404	114	7,555	59	16	
22	9	Grease and tallow (except lubricating greases).....	7	4	329	10	244	27	5	21
23	13	Gypsum products.....	9		613	2	510	15	15	
24	20	Hand stamps, stencils, and brands.....	11	17	100	3	9	20		
25	14	Hardware not elsewhere classified.....	37	16	5,037	62	4,305	140	7	
26	9	Hardwood distillation and charcoal manufacture.....	5		580	2	496	5	22	
27	14	Heating and cooking apparatus, except electric, not elsewhere classified.....	6	4	286	6	231	17		
28	3	Hosiery—full-fashioned.....	4		982	15	796	135		
29	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	12	7	1,605	10	1,517	19	1	1
30	4	Housefurnishings (except curtains, draperies, and bedspreads).....	8	4	447	9	383	25	3	
31	6	Household furniture, except upholstered.....	89	34	7,344	108	6,263	264	34	7
32	1	Ice cream and ices.....	159	115	1,323	65	587	485	5	36
33	1	Ice, manufactured.....	62	20	728	29	268	325	3	15
34	12	Industrial leather belting and packing leather.....	8	1	602	16	517	22		
35	17	Industrial machinery, not elsewhere classified.....	24	5	1,804	46	1,255	102	11	9
36	9	Insecticides, fungicides, and related industrial and household chemical compounds.....	33	18	628	35	383	106	20	2
37	17	Internal-combustion engines.....	7		1,917	15	1,431	90		14
38	15	Jewelry (precious metals).....	11	7	153	9	87	29		2
39	3	Knitted cloth.....	3		121	5	99	6		
40	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	4	2	161	7	111	25		
41	3	Knitted underwear.....	5		1,905	15	1,730	37	8	
42	6	Laboratory, hospital, and other professional furniture.....	3		612	10	504	41		2
43	17	Laundry equipment, domestic.....	3		641	9	493	56	8	
44	12	Leather goods not elsewhere classified.....	3	2	38	2	32	1		
45	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	11		2,654	17	193	52	43	
46	15	Lighting fixtures.....	6	1	850	9	778	15		
47	13	Lime.....	4	1	72	6	50	6		
48	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	24	8	792	35	570	75		
49	5	Logging camps and logging contractors (not operating sawmills).....	43	59	927		898	2		
50	9	Lubricating oils and greases—not made in petroleum refineries.....	9	3	212	11	121	38	3	
51	1	Macaroni, spaghetti, vermicelli, and noodles.....	5	4	148	5	111	8		13
52	8	Machine and hand typesetting (including advertisement typesetting).....	23	18	553	21	422	40		
53	17	Machine-shop products, not elsewhere classified.....	153	63	10,947	187	8,985	411	17	70
54	17	Machine-shop repairs.....	43	37	481	24	386	20		7
55	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	210	104	8,306	285	6,527	550	25	116
56	17	Machine tools.....	20		3,347	53	2,650	168	24	49
57	14	Malleable-iron castings.....	6		3,361	22	2,958	55	33	
58	1	Malt liquors.....	40	5	3,410	75	1,848	1,173	46	37
59	6	Mattresses and bedsprings.....	27	19	539	23	407	02		
60	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	4	2	40	3	21	4		1
61	1	Meat packing, wholesale.....	65	60	3,008	47	2,215	506	18	31
62	17	Mechanical power-transmission equipment.....	14	8	1,584	21	1,362	47	35	
63	4	Men's and boys' hats and caps (except felt and straw).....	8	11	49	4	39	3		
64	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	3	1	26		25			
65	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	6	4	172	5	132	20		3

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manu- facture ⁴	
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work					
Dollars (³)	Dollars (³)	Dollars (³)	Dollars (³)									Dollars (³)	Dollars (³)	Dollars (³)	Dollars (³)	Dollars (³)
145,350	24,807	33,125	71,131	16,287			103,905	95,559	2,252	2,492	3,502	315,261	211,456	1		
541,678	71,070	55,798	286,397	128,473			690,365	666,676	6,418	11,730	5,541	1,670,768	880,403	2		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	3		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	4		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	5		
3,577,574	220,879	737,034	2,244,577	355,999	18,085	1,000	8,030,487	7,839,613	38,903	113,539	38,432	14,108,150	6,077,663	6		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	7		
504,458	11,163	58,362	461,912	33,021			1,778,518	1,685,095	58,655	34,768		2,612,074	833,556	8		
175,931	5,600	26,790	132,022	11,206		313	338,971	335,857	461	2,653		733,453	394,482	9		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	10		
331,844	84,723	47,071	55,754	142,072		1,324	762,139	750,965	6,276	3,895	1,000	1,476,511	714,372	11		
1,347,618	221,592	223,592	664,474	230,417	7,315	228	9,848,262	9,673,408	66,935	107,919		12,686,185	2,837,923	12		
1,372,598	191,166	217,355	610,701	292,973	34,297	26,106	4,763,353	4,587,286	125,425	50,642		8,442,728	3,679,375	13		
1,976,231	102,148	412,054	973,106	481,141	3,379	4,403	1,518,726	1,308,437	22,955	44,587	142,747	4,597,973	3,079,247	14		
1,123,411	60,619	142,838	862,547	54,350	2,000	1,057	2,888,286	2,855,616	14,224	18,446		4,686,142	1,797,856	15		
2,792,668	262,625	218,573	2,263,693	47,777			5,299,645	4,504,987	370,926	151,709	272,023	9,850,950	4,551,305	16		
302,439	42,578	50,060	191,917	17,884			512,747	498,301	1,265	5,690	7,491	1,050,871	538,124	17		
1,438,978	162,517	179,133	1,038,585	58,743			1,806,042	1,759,735	18,147	27,955	202	4,345,737	2,539,695	18		
5,729,867	646,345	859,851	3,704,044	510,409	9,218		5,641,471	4,866,689	69,842	153,470	551,470	15,259,815	9,618,344	19		
5,555,856	343,051	890,784	3,674,596	621,643	17,127	2,655	7,279,146	7,105,040	57,512	99,786	16,808	16,598,561	9,310,415	20		
11,269,173	674,903	1,397,392	9,002,724	158,685	35,469		10,019,943	8,109,206	1,048,225	663,599	198,913	27,085,805	17,065,862	21		
541,189	68,775	47,280	335,902	45,543	8,673	35,016	1,217,241	1,121,530	61,437	34,274		2,361,024	1,143,783	22		
923,476	21,500	161,488	685,141	39,074	25,372		1,649,314	1,289,654	175,692	183,968		4,922,319	3,273,005	23		
151,059	11,948	12,528	96,490	30,093			67,801	59,384	1,975	3,168	3,274	328,842	261,041	24		
7,211,186	650,499	920,733	5,272,925	357,865	9,164		8,789,687	8,382,720	124,700	235,894	46,373	20,810,282	12,020,595	25		
671,775	5,118	91,173	543,961	14,318	17,205		1,313,028	1,117,886	171,728	23,414		2,223,107	910,079	26		
401,690	37,740	59,885	274,323	29,742			657,291	641,263	8,452	6,836	740	1,673,463	1,016,162	27		
1,222,835	76,592	96,281	798,636	251,326			1,284,940	1,139,605	19,847	29,713	95,875	2,400,914	1,115,974	28		
1,148,580	57,899	68,650	905,243	114,956	1,200	632	2,444,437	2,418,066	6,972	19,399		4,169,274	1,724,837	29		
385,433	34,143	42,355	275,799	29,481	3,655		1,029,824	1,017,208	4,734	6,484	1,398	1,618,841	589,017	30		
8,274,204	558,592	1,068,884	5,944,001	649,929	44,927	7,901	8,078,079	7,611,767	304,459	142,530	19,323	19,692,516	11,614,437	31		
1,995,170	210,514	242,053	697,591	755,655	5,099	83,667	6,066,713	5,729,201	87,462	247,830	2,220	11,285,931	5,210,218	32		
1,019,251	106,898	122,769	354,778	410,906	421	17,480	519,417	499,262	19,563	409,522	1,070	3,014,779	2,495,362	33		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	34		
3,294,221	403,304	656,462	1,866,526	342,289	-18,392	7,258	2,547,800	2,556,108	29,382	62,175	100,135	8,458,598	5,910,798	35		
953,280	139,254	165,418	447,027	163,689	35,732	2,160	3,277,683	3,207,165	37,770	29,954	2,794	7,895,522	4,617,839	36		
3,254,054	95,791	777,002	2,121,761	195,824		63,676	6,427,637	6,230,939	159,423	9,714	21,561	11,383,697	4,950,060	37		
205,615	40,298	81,478	153,033	68,155		2,551	458,554	431,396	1,056	2,619	3,483	1,006,241	517,687	38		
123,482	14,964	16,037	85,921	7,560			362,283	355,877	2,451	3,955		563,292	201,009	39		
172,096	35,542	19,188	63,807	53,559			167,702	162,043	3,232	2,427		302,643	184,941	40		
1,929,469	125,685	202,079	1,449,642	131,724	20,339		2,147,634	2,060,393	66,330	20,911		4,706,293	2,558,059	41		
808,060	87,974	97,017	599,984	140,097		2,988	1,162,402	1,082,920	14,634	18,212	46,636	2,525,431	1,363,029	42		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	43		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	44		
3,316,640	148,292	368,194	2,667,203	76,972	55,079		12,299,917	11,880,601	303,944	37,928	77,444	17,964,530	5,664,613	45		
1,505,841	60,100	103,735	1,303,645	38,301			3,559,762	3,471,599	24,294	52,570	11,299	5,773,191	2,213,429	46		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	47		
1,352,591	191,428	233,067	755,109	172,987			1,725,039	1,436,190	17,782	21,247	249,820	3,611,155	1,886,116	48		
638,428	82,569	82,569	600,339	5,520			378,023	351,907	22,906	610	2,600	1,329,998	951,975	49		
480,680	84,908	86,079	188,149	116,864	4,680		1,042,536	1,017,599	12,515	12,422		2,121,042	1,078,506	50		
190,848	21,000	32,027	125,962	10,987		872	487,762	465,403	9,297	11,862	1,200	888,880	401,118	51		
1,143,919	115,557	150,005	783,765	94,532			176,667	131,961	8,407	14,699	21,600	1,704,083	1,827,416	52		
18,452,732	1,436,130	2,636,786	12,959,775	1,281,181	35,823	103,087	20,117,344	18,951,255	414,534	641,825	109,730	50,803,932	30,686,888	53		
706,721	59,007	78,327	625,334	38,269		5,784	362,820	304,984	18,790	33,873	5,173	1,536,205	1,173,385	54		
18,940,827	1,991,029	2,029,786	13,413,198	1,267,917	51,214	190,683	11,051,980	9,870,649	175,740	469,590	536,001	41,625,580	30,573,000	55		
7,157,160	543,824	1,044,043	4,997,134	413,204	31,425	127,530	6,480,493	6,112,083	61,848	121,233	185,329	16,902,428	10,421,935	56		
4,452,729	155,141	513,371	3,673,728	66,177			3,542,167	2,831,634	455,272	255,261		5,667,839	5,125,172	57		
7,118,307	544,225	592,460	3,810,940	2,513,669	110,656	46,357	7,303,042	6,754,768	337,438	210,836		25,164,966	17,801,924	58		
708,856	82,572	72,411	433,924	119,949			1,424,132	1,393,525	9,497	20,960	150	2,606,494				

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	9	6	107	7	6	88	6	
2	17	Metalworking machinery and equipment, not elsewhere classified	15	7	1,107	20	170	880	37	
3	4	Millinery	3	5	57			56	1	
4	13	Mineral wool	4		122	3	16	92	8	3
5	6	Mirror frames and picture frames	4	5	49	4	8	35	2	
6	13	Mirrors and other glass products made of purchased glass	17	5	393	18	35	292	39	5
7	20	Miscellaneous fabricated products not elsewhere classified	19	20	503	11	30	419	43	
8	4	Miscellaneous fabricated textile products not elsewhere classified	8	7	747	11	105	598	29	6
9	20	Models and patterns (except paper patterns)	62	58	1,035	33	82	899	18	3
10	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	21	6	292	26	30	188	48	
11	18	Motor vehicles, motor-vehicle bodies, parts and accessories	189	37	286,477	249	25,609	253,017	5,955	82
12	9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	17	1	3	10	3	665
13	20	Musical instruments, parts, and materials not elsewhere classified	7	5	312	6	13	254	30	
14	8	Newspapers: publishing and printing	261	228	7,878	121	2,511	3,516	1,623	100
15	8	Newspapers: publishing without printing	30	18	162	19	85	35	23	7
16	1	Nonalcoholic beverages	115	109	1,583	67	134	617	752	3
17	15	Nonferrous-metal foundries (except aluminum)	25	10	725	24	91	582	19	8
18	15	Nonferrous-metal products not elsewhere classified	37	11	5,068	67	557	4,285	139	1
19	17	Office and store machines not elsewhere classified	5	1	5,316	17	798	4,229	236	36
20	6	Office furniture	16	5	1,836	21	182	1,517	112	2
21	10	Oven coke and coke-oven byproducts	9		1,364		87	1,228		40
22	9	Paints, varnishes, and lacquers	62	19	2,946	78	573	1,830	447	13
23	7	Paper and paperboard mills	49		13,571	87	868	11,912	321	364
24	7	Paperboard containers and boxes not elsewhere classified	29	16	3,283	26	211	2,943	92	11
25	6	Partitions, shelving, cabinet work, and office and store fixtures	32	24	1,274	24	160	980	83	16
26	9	Perfumes, cosmetics, and other toilet preparations	6	1	112	6	30	68	5	3
27	8	Periodicals: publishing and printing	23	18	523	15	103	343	62	
28	8	Periodicals: publishing without printing	59	17	377	50	224	11	92	
29	10	Petroleum refining	20	2	1,013	36	107	679	139	50
30	8	Photoengraving, not done in printing establishments (including preparation of plates)	32	18	673	43	76	497	57	
31	20	Photographic apparatus and materials and projection equipment (except lenses)	6	4	334	12	41	234	47	
32	20	Pianos	3		525	3	29	481	12	
33	1	Pickled fruits and vegetables and vegetable sauces and seasonings	26	18	727	14	53	610	49	1
34	5	Planing mills not operated in conjunction with sawmills	78	36	1,991	59	164	1,592	166	3
35	5	Plywood mills	4		235	3	16	212	4	7
36	13	Pottery products not elsewhere classified	3	3	57	2	6	41	8	
37	1	Poultry dressing and packing, wholesale	7	9	71		3	67	1	
38	14	Power boilers and associated products	16	8	544	23	96	399	26	
39	1	Prepared feeds (including mineral) for animals and fowls	31	28	247	13	36	162	35	1
40	1	Preserves, jams, jellies, and fruit butters	4	5	65	1	6	47	10	
41	9	Printing ink	6		150	5	26	81	37	1
42	17	Printing-trades machinery and equipment	15	2	588	24	46	405	110	2
43	20	Professional and scientific instruments (except surgical and dental)	5	3	63	2	14	31	6	
44	6	Public-building furniture	9	1	1,094	22	231	1,363	76	
45	7	Pulp mills	10		993	6	44	904	29	10
46	17	Pumping equipment and air compressors	24	6	1,613	36	238	1,142	160	11
47	16	Radio, radio tubes, and phonographs	6		1,125	12	107	879	124	3
48	17	Refrigerators, domestic (mechanical and absorption); refrigeration machinery and equipment, and complete air-conditioning units	22	5	8,048	50	665	6,821	422	43
49	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	2	82		6	76		
50	11	Rubber products not elsewhere classified	16	5	1,784	17	105	1,534	62	5
51	12	Saddlery, harness, and whips	3	2	15		3	10	2	
52	9	Salt	6		1,170	4	109	1,053	2	2
53	13	Sand-lime brick, block and tile	4		75	3	7	51	10	4
54	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	52	49	1,261	41	98	781	331	2
55	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	117	105	4,870	30	203	4,460	139	9
56	14	Saws	4	1	71	7	2	45	17	
57	14	Screw-machine products and wood screws	53	27	2,497	76	189	2,156	47	26
58	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	7	146	3	34	102	6	1
59	15	Sheet-metal work not specifically classified	46	38	974	45	116	757	53	3
60	19	Shipbuilding and ship repairing	8	5	448	7	79	355	7	
61	20	Signs, advertising displays, and advertising novelties	49	38	834	30	111	610	82	1
62	9	Soap and glycerin	6	3	70	4	6	20	40	
63	20	Soda fountains, beer dispensing equipment, and related products	4		413	3	55	344	11	
64	9	Soybean oil, cake, and meal	3		45		2	43		
65	17	Special-industry machinery, not elsewhere classified	6	2	226	8	47	161	10	
66	20	Sporting and athletic goods not elsewhere classified	15	4	1,771	28	206	1,435	100	2
67	14	Stamped and pressed metal products (except automobile stampings)	42	24	1,431	48	177	1,165	34	7
68	13	Statuary and art goods (except stone and concrete)—factory production	3	2	18			16	2	
69	14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	376		19	357		
70	13	Steam and other packing; pipe and boiler covering	9	1	1,189	18	77	1,044	39	4

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manu- facture *
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribution	Construc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work				
		Salaries ²	Wages												
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars		
103,798	20,275	9,940	60,714	12,869			210,693	208,523		1,919	251	378,762	168,069		
2,005,093	85,972	356,001	1,461,281	101,839			1,382,360	1,275,565	58,201	35,169	13,425	5,455,910	4,073,550		
(5)			(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)		
161,196	15,913	28,839	81,642	20,545	5,257		230,886	177,453	39,967	13,466	1,022	490,638	259,752		
55,767	10,477	10,764	33,226	1,300			49,559	47,879	532		126	162,586	113,027		
534,343	63,945	54,815	346,279	64,010	3,552	1,742	1,288,174	1,259,495	16,996	11,083	600	2,579,419	1,291,245		
487,344	56,486	46,380	334,233	50,245	(5)		689,084	671,539	5,295	11,546	704	1,439,240	750,156		
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)		
2,276,819	208,466	200,696	1,819,997	36,417	2,243		711,738	635,942	22,814	37,847	15,135	4,117,359	3,405,621		
493,578	85,779	51,497	275,134	81,168			508,114	467,549	5,655	26,293	8,617	1,325,919	817,805		
511,572,369	3,247,998	65,351,114	420,208,045	12,406,410	171,841	1,186,361	1,513,145,819	1,441,294,792	12,380,528	9,914,734	49,555,765	2,284,666,738	771,520,719		
21,873	2,392	4,940	11,109	3,432			72,000	70,727	817	456		111,385	39,385		
349,589	21,240	12,139	265,089	51,121			279,038	258,392	5,281	8,907	6,458	699,880	420,842		
14,670,812	700,430	4,885,100	6,162,519	2,760,805	154,277	7,681	8,606,121	7,984,170	108,018	353,587	160,346	38,781,397	30,175,276		
224,766	39,692	89,634	53,345	42,095			264,099	14,939	1,015	1,632	246,513	712,727	448,628		
2,486,744	353,281	209,294	716,034	1,190,160	3,156	14,819	5,231,833	5,102,335	52,940	76,558		11,667,327	6,435,494		
1,127,695	78,441	143,830	861,008	41,216	2,160	1,040	1,143,909	1,031,808	49,130	41,154	21,817	2,643,480	1,409,571		
8,613,108	605,545	1,273,420	6,445,378	270,343	1,688	13,734	11,086,974	10,501,195	240,542	306,814	38,423	25,314,091	14,222,117		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
2,563,317	155,598	351,009	1,813,063	240,083	1,648	1,916	2,546,958	2,428,316	63,331	38,088	17,223	6,931,745	4,384,787		
2,542,124		294,315	2,194,231		53,578		16,391,653	15,370,755	801,614	219,284		21,264,578	4,872,925		
5,565,172	488,760	1,340,051	2,747,904	954,174	20,092	5,191	20,275,917	19,039,019	107,027	229,779	92	38,276,257	18,000,340		
20,049,874	773,884	1,969,977	15,837,108	888,706	551,848	28,231	51,070,125	45,036,764	5,523,771	511,100	4,490	89,112,533	38,036,408		
4,366,457	185,811	407,109	3,502,989	251,170	19,318		13,490,227	13,338,579	60,579	76,436	14,633	20,850,957	7,360,730		
2,001,488	191,080	285,861	1,353,586	133,919	22,021	15,021	1,579,379	1,474,959	50,158	37,584	16,678	4,949,407	3,370,028		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
996,709	81,366	180,727	552,479	143,137			816,397	656,262	5,423	14,010	140,702	2,426,940	1,610,543		
804,199	225,186	318,891	16,466	213,656			1,482,661	404,641	513	2,161	1,075,406	3,168,920	1,686,259		
1,835,366	201,524	238,320	1,114,025	216,368	64,133	996	28,063,650	27,545,085	784,110	206,870	127,585	37,226,330	8,562,680		
1,785,163	272,418	186,554	1,174,625	151,566			372,061	290,799	10,363	27,400	43,499	3,330,563	2,958,502		
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)		
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)		
706,046	48,414	77,974	485,121	88,051	486		2,076,669	2,028,295	35,941	12,433		4,819,410	2,742,741		
2,605,697	280,256	270,335	1,016,506	213,982	4,249	4,369	5,512,467	5,301,179	62,925	99,475	48,888	9,888,206	4,076,790		
198,965	7,800	21,101	160,444	9,620			382,737	357,853	15,692	9,322		659,701	276,964		
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)		
56,290		3,936	50,612	1,742			498,849	492,702	3,560	2,587		614,179	115,330		
840,141	80,654	155,329	536,531	58,627			1,502,167	1,083,437	106,888	23,087	288,755	2,848,629	1,346,362		
325,897	52,564	63,883	155,303	53,147	1,500		1,564,505	1,517,161	18,138	29,206		2,537,778	973,273		
57,753	2,340	6,719	36,326	11,618		750	354,203	348,375	3,000	2,828		481,035	126,832		
409,722	101,855	75,553	110,567	111,359	1,388		878,611	851,763	6,079	20,769		1,780,554	901,943		
993,358	165,432	96,495	516,987	209,615	1,017	3,212	797,184	742,829	23,271	20,866	10,218	2,308,050	1,510,866		
70,690	6,500	15,013	35,332	13,245			89,800	75,522	600	1,163	12,575	276,328	186,468		
2,689,792	153,322	454,875	1,760,451	217,444	3,700		3,761,775	3,550,161	72,329	20,064	119,221	7,920,674	4,158,899		
1,197,674	25,932	96,322	1,028,233	29,263	17,924		4,792,732	4,291,372	331,649	123,309	46,402	7,085,796	2,293,064		
2,409,456	182,892	381,046	1,491,477	299,245	17,253	37,543	2,701,079	2,552,857	82,396	60,642	5,184	6,308,490	3,607,411		
1,346,244	64,351	177,064	864,578	237,593	2,658		3,749,608	3,696,018	14,897	24,956	13,737	6,539,938	2,790,330		
11,526,604	323,281	1,455,566	8,603,143	974,696	85,758	84,160	30,243,925	29,520,230	349,973	343,531	30,191	51,805,725	21,561,800		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
2,449,334	112,995	422,820	1,740,244	165,404	6,552	1,310	4,090,291	3,792,765	102,565	194,961		8,809,345	4,719,054		
10,623		3,700	12,865	3,058			36,752	35,969	381	402		66,890	30,138		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
88,091	9,213	9,679	51,853	16,846	500		87,520	68,003	16,351	9,166		250,361	162,841		
2,032,283	276,532	187,101	1,050,467	507,025	2,820	8,288	10,931,567	10,762,152	74,891	94,524		14,462,569	3,530,802		
4,809,733	132,736	352,599	4,069,286	199,308	13,969	41,835	5,261,191	4,734,127	89,252	43,831	393,081	12,665,402	7,404,211		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
4,099,848	385,400	398,014	3,180,577	108,291	25,712	1,854	5,428,271	4,921,459	89,868	205,208	211,736	11,759,116	6,330,845		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
1,404,162	201,702	182,397	880,248	127,818	2,097		2,179,102	2,092,935	23,622	33,023	29,522	4,551,342	2,372,240		
793,214	73,920	235,430	465,029	16,412	2,414		655,283	608,567	28,280	18,436		1,801,530	1,146,247		
1,073,976	139,206	164,911	664,924	103,532	1,403		1,237,406	1,156,661	21,317	20,670	38,758	2,793,269	1,555,863		
81,337	6,460	6,618	25,680	42,579			161,764	160,093	1,025	646		305,899	144,135		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
397,791	43,811	95,151	241,776	17,053			280,352	258,807	7,258	14,287		1,041,879	761,527		
2,423,020	170,753	305,912	1,658,982	226,365	1,617		4,038,952	3,898,800	44,762	57,784	37,616	12,131,417	8,092,465		
2,146,030	290,114	361,461	1,390,978	93,090	10,387		2,700,545	2,568,280	35,845	80,249	16,171	6,118,748	3,418,203		
33,578			30,184	3,394			36,710	35,858	531	321		84,655	47,945		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
1,997,846	123,461	217,788	1,549,214	92,088	7,662	7,633	3,569,738	3,592,499	21,960	45,279		7,379,323	3,709,585		

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	14	7	2	204	10	28	118	48		
2	14	11		1,651	31	147	1,426	43	3	1
3	14	8		10,732	21	614	9,851	216	29	1
4	17	3		460	12	99	286	63		
5	14	35	6	5,434	67	522	4,509	311	10	15
6	12	7	4	337	8	31	269	29		
7	20	7	2	112	6	4	62	40		
8	4	4	1	59	1	7	49	2		
9	14	3		303	7	29	252	11		4
10	11	4		7,488	3	1,035	6,367	72	11	
11	2	3	1	455	5	8	308	134		
12	14	15	4	1,239	19	155	996	69		
13	4	4		398	4	48	326	20		
14	4	3		46	3	2	35	1		1
15	6	45	43	1,775	39	141	1,479	115	1	
16	17	3	2	36	3	3	23	7		
17	6	7	3	1,256	10	147	960	139		
18	1	10	9	80		8	72			
19	13	5	1	121	2	5	100	13		1
20	6	14	8	573	8	32	492	41		
21	6	11	10	222		27	189	6		
22	1	10		204	19	26	94	65		
23	14	4		2,172	6	238	1,802	126		
24	14	51	12	9,077	81	743	7,961	254	34	4
25	4	4	6	77	1	7	62	7		
26	6	25	17	603	16	33	542	12		
27	6	6	2	188	2	14	169	3		
28	6	49	35	1,940	34	131	1,701	55	9	10
29	17	13	5	488	24	73	332	59		
30	3	6	2	1,105	14	61	1,016	14		
31	4	14	10	1,340	12	55	1,236	36		1
32	4	7	4	239	4	6	222	6		1
33	14	5		2,113	12	300	1,710	91		
34	16	3	1	23	2	5	13	3		
35	Other industries ⁴	340	146	42,649	381	4,898	34,806	2,169	217	178
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
36	1	21	6	3,678	32	452	3,066	251	61	116
37	3	19	12	1,236	16	115	1,051	42		12
38	4	33	25	2,060	32	183	1,714	118	8	5
39	6	25	15	2,204	21	215	1,780	178	4	
40	9	29	9	2,038	24	399	1,624	40	48	8
41	10	9	5	160	2	13	144		1	
42	12	16	6	917	18	60	810	23		
43	13	17	4	3,328	17	196	3,025	56	34	
44	14	40	14	5,300	69	506	4,251	455	25	4
45	15	16	12	800	8	103	646	32	11	1
46	16	16	6	1,266	23	89	1,081	73		
47	17	23	5	6,956	41	1,076	5,354	440	8	37
48	19	5	2	531	4	54	469	4		
49	20	51	20	3,141	50	330	2,555	200		
50	2	3	1	455	5	8	308	134		
7		8	1	594	22	47	486	30		
8		5	3	197	4	17	164	6	6	
11		4		7,488	3	1,035	6,367	72	11	

¹As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

²See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

³Figures do not include data for personnel of central-administrative offices.

⁴Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴	
Total ⁵	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
375,653	66,519	56,054	154,112	98,968			316,529	276,906	5,549	5,720	28,354	1,132,165	815,636	1
2,566,658	189,163	340,379	1,907,814	119,682	2,840	780	1,768,034	1,241,271	122,831	401,090	2,842	5,406,412	3,638,378	2
19,096,300	235,366	1,815,522	16,190,449	719,196	134,603	1,254	56,797,608	50,058,077	4,488,855	2,138,305	112,371	99,939,525	43,141,917	3
791,134	72,896	151,297	387,538	179,403			1,020,446	988,723	21,919	9,804		2,784,949	1,704,503	4
7,588,852	475,783	903,324	5,532,141	655,225	10,646	2,733	10,396,190	9,798,941	320,049	198,650	78,550	24,982,648	14,586,458	5
442,946	38,949	66,062	258,940	78,905			684,358	672,921	5,404	6,033		1,377,528	693,170	6
147,538	21,610	9,391	63,339	53,198			166,626	163,304	1,468	1,854		505,111	338,485	7
52,743	3,630	13,128	31,690	4,565			138,793	137,440	71	900	382	199,390	69,597	8
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	9
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	10
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	11
1,792,163	134,288	312,416	1,179,644	165,815			1,368,547	1,283,039	42,460	24,172	18,876	4,645,543	3,276,096	12
501,648	36,304	90,454	306,718	62,172			1,520,775	1,494,073	14,832	11,870		2,430,012	909,237	13
55,799	12,240	4,702	35,830	1,847		1,180	71,515	63,472	5,706	2,343		105,901	34,386	14
2,122,091	199,574	245,933	1,490,943	184,471	1,170		3,436,397	3,361,739	45,208	29,450		6,711,000	3,274,603	15
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	16
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	17
63,456		7,026	56,430				266,825	259,930	2,652	4,243		486,170	219,345	18
131,664	7,227	12,335	91,663	18,948		1,500	248,434	235,758	7,369	5,292	15	443,177	194,743	19
695,930	66,040	45,023	529,087	55,780			1,482,063	1,462,879	8,496	5,520	5,168	2,436,978	954,915	20
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	21
300,908	79,523	30,006	92,183	93,196			614,991	601,743	4,200	9,039		1,145,192	530,201	22
3,121,490	225,558	500,327	2,141,261	248,344			14,056,811	13,703,576	127,169	226,066		19,879,464	5,822,653	23
13,165,208	626,330	1,448,425	10,532,307	507,611	47,474	3,161	15,624,581	14,974,500	211,560	300,513	38,008	34,765,462	19,240,881	24
(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	25
635,134	63,505	60,263	479,108	32,168			1,018,688	993,318	4,063	21,307		2,041,994	1,023,306	26
232,909	7,200	26,449	196,720	2,540			1,944,630	1,896,457	38,994	9,179		2,295,719	351,089	27
1,875,677	153,636	210,216	1,407,398	88,145	11,644	7,638	1,895,527	1,790,156	35,584	42,870	26,917	4,822,974	2,927,447	28
995,861	82,649	121,405	389,607	102,200			583,306	547,761	16,224	15,573	3,748	1,708,465	1,125,159	29
1,218,157	86,101	146,472	950,155	35,429			2,920,083	2,815,383	89,539	15,161		5,067,029	2,146,946	30
1,200,716	39,229	80,837	955,878	115,672		100	2,621,293	2,567,957	34,559	17,102	1,675	3,577,163	955,870	31
199,778	7,688	11,636	165,734	13,252		1,568	353,279	348,382	1,493	3,404		605,767	262,488	32
3,923,508	182,160	731,521	2,824,485	185,402			5,730,046	5,454,341	53,817	158,323	63,565	13,129,613	7,399,597	33
26,045	4,600	4,545	13,721	2,879			35,862	35,069		436	357	84,614	48,752	34
71,038,571	2,933,760	10,786,095	51,628,287	5,022,969	342,194	325,366	184,105,539	172,957,130	9,001,496	1,926,757	220,156	353,786,429	169,680,890	35
6,673,680	387,160	1,120,155	4,879,672	516,063	29,843	240,787	18,128,301	17,158,234	608,505	361,562		51,839,964	33,711,663	36
1,529,025	102,404	227,740	1,021,939	155,984		17,958	3,719,874	3,613,802	43,176	62,896		6,600,047	2,880,173	37
2,186,599	194,166	310,771	1,479,095	180,307	17,002	5,168	3,522,353	3,444,126	19,037	32,784	25,856	6,903,255	3,380,902	38
2,717,466	112,585	302,374	1,808,042	424,638	9,827		3,889,956	3,754,083	94,328	41,285	260	8,542,072	4,653,016	39
3,154,966	217,559	840,453	1,842,528	169,747	82,490	2,189	11,493,518	10,399,478	1,023,140	69,900	1,000	22,136,710	10,043,192	40
198,106	2,054	23,956	171,228		808		2,211,270	2,162,374	36,197	12,699		3,052,873	841,603	41
1,476,681	123,779	162,039	977,246	213,617			4,493,593	4,459,246	12,161	21,137	1,049	7,002,586	2,508,993	42
5,370,192	217,980	532,913	4,423,078	119,963	76,258		6,136,818	5,570,493	451,769	84,556		16,344,898	10,208,180	43
9,380,227	455,664	1,135,961	6,706,845	1,000,810	75,369	5,578	27,218,784	21,340,838	5,399,118	461,224	27,604	45,113,029	17,894,245	44
1,020,822	42,503	203,849	701,680	62,433	9,339	1,018	9,053,266	8,830,563	184,919	37,684	100	13,046,121	3,992,855	45
2,129,768	133,023	180,127	1,653,673	162,945			5,885,042	5,814,041	27,945	38,826	4,230	9,988,449	4,103,407	46
12,615,351	404,883	2,302,332	8,644,094	1,197,374	14,000	52,668	7,737,534	7,495,301	108,555	78,019	55,659	32,608,712	24,871,178	47
727,494	18,450	111,725	587,041	10,278			619,628	570,025	28,245	15,358		1,583,793	964,165	48
4,469,796	252,702	646,010	3,185,156	385,928			7,721,584	7,529,201	76,996	85,564	29,823	17,474,245	9,752,661	49
17,391,498	268,848	2,625,600	14,046,970	422,792	27,198		72,274,018	70,809,325	856,805	533,313	74,575	111,548,675	39,274,657	50

⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.⁶ For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR DETROIT

[This table presents, for the Detroit Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate industries for which combined figures are given, however, reported larger numbers]

Group No.	INDUSTRY	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹								
		*Number of establishments	*Proprietors and firm members	Total ²	Salaried officers of corporations ²	Manufacturing		Distribu- tion	Con- struction	Other
						Salaried em- ployees ²	Wage earners (average for year) ²			
1	All industries, total.....	2,772	1,629	368,266	2,747	35,540	311,332	16,336	1,162	1,143
2 19	Aircraft and parts, including aircraft engines.....	6	5	1,109	8	262	778	61		
3 15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	13		3,545	25	413	2,874	151	69	13
4 15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	9	4	2,087	5	278	1,801	3		
5 13	Asbestos products (except steam packing and pipe and boiler covering).....	3		319	3	62	215	39		
6 14	Automobile stampings.....	23	8	2,940	39	293	2,566	37	3	2
7 18	Automobile trailers (for attachment to passenger cars).....	6	4	100	5	6	87	1		
8 16	Automotive electrical equipment.....	3	1	59	5	12	36	6		1
9 1	Biscuit, crackers, and pretzels.....	4	3	352	3	21	323			
10 17	Blowers; exhaust and ventilating fans.....	8	4	836	11	134	467	150		5
11 8	Bookbinding and related industries.....	19	14	510	26	58	416	10		74
12 8	Books; printing without publishing.....	29	15	942	32	120	724	66		
13 8	Books; publishing without printing.....	6	4	173		116		57		
14 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	292	355	6,915	45	379	5,975	453	16	47
15 13	Brick and hollow structural tile.....	5	1	353	5	17	313	7	11	
16 20	Brooms.....	4	4	29	1	1	25	2		
17 20	Brushes.....	4	7	69	3	3	56	7		
18 1	Candy and other confectionery products.....	14	3	626	12	49	543	22		
19 1	Canned and dried fruits and vegetables (including canned soups).....	3	1	15	2	2	8	3		
20 4	Canvas products (except bags).....	10	4	281	9	20	181	71		
21 6	Caskets, coffins, burial cases, and other morticians' goods.....	10	3	192	14	12	142	24		
22 13	Cement.....	3		381		31	348	2		
23 9	Chemicals not elsewhere classified.....	17	2	3,542	16	440	2,581	64	436	5
24 2	Cigars.....	16	8	1,183	11	38	1,121	12		
25 9	Cleaning and polishing preparations, blackings, and dressings.....	25	8	445	20	65	226	120	14	1
26 14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	3		401	7	26	364	4		
27 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	9		209		19	138	52		
28 13	Concrete products.....	41	27	648	29	47	500	68	4	
29 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	4	1	506	5	88	408	3		2
30 7	Converted paper products not elsewhere classified.....	10	11	1,253	12	136	874	224	7	
31 6	Copperage.....	4	1	86	1	7	78			
32 1	Creamery butter.....	5	1	127	1	20	38	54	14	
33 4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	3	3	30	2	2	21	5		
34 20	Dental equipment and supplies.....	5		172	12	14	110	36		
35 9	Drugs and medicines (including drug grinding).....	22	10	2,906	24	523	1,871	484		4
36 16	Electrical appliances.....	5		583	12	69	416	79	6	1
37 15	Electroplating, plating, and polishing.....	24	22	511	22	43	423	20	1	2
38 8	Electrotyping and stereotyping, not done in printing establishments.....	5	1	218	7	29	161	21		
39 17	Elevators, escalators, and conveyors.....	11		1,162	29	127	957	49		
40 14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	6		572	7	86	464	15		
41 15	Engraving on metal (except for printing purposes).....	3	3	51		2	49			
42 8	Engraving (steel, copperplate, and wood); plate printing.....	5	5	30	2	7	17	4		
43 20	Fabricated plastic products, not elsewhere classified.....	4	2	550	4	14	527	5		
44 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	29	16	1,624	29	236	1,226	114	18	1
45 1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	9	5	65	8	7	30	18		2
46 1	Food preparations, not elsewhere classified.....	24	24	521	28	38	307	127	5	16
47 14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	11	1	568	23	31	501	13		
48 4	Fur coats and other fur garments, accessories, and trimmings.....	7	4	113	2	13	93	5		
49 20	Games and toys (except dolls and children's vehicles).....	12	5	947	19	72	823	33		
50 8	General commercial (job) printing.....	174	143	2,160	90	253	1,625	190	2	
51 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	21	14	1,777	21	348	1,265	131	10	2
52 14	Gray-iron and semisteel castings.....	21	4	1,493	38	109	1,306	36	4	
53 20	Hand stamps, stencils, and brands.....	8	16	54		5	36	13		
54 14	Hardware not elsewhere classified.....	10	3	931	19	121	778	13		
55 14	Heating and cooking apparatus, except electric, not elsewhere classified.....	3	2	70	3	6	44	17		
56 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	5	5	348	3	16	321	6	1	1
7 4	Housefurnishings (except curtains, draperies, and bedspreads).....	8	4	447	9	27	383	25	3	
58 6	Household furniture, except upholstered.....	11	4	395	15	44	302	31	3	
59 1	Ice cream and ices.....	59	26	604	34	62	298	243	2	25
60 1	Ice, manufactured.....	24	3	399	6	52	146	182		13
61 17	Industrial machinery, not elsewhere classified.....	7	3	701	10	210	420	43	9	
62 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	22	16	402	22	49	247	66	18	
63 17	Internal-combustion engines.....	4		892	9	199	529	51		14
64 15	Lighting fixtures.....	6	1	850	9	48	778	15		
65 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	18	5	604	29	90	427	58		
66 9	Lubricating oils and greases—not made in petroleum refineries.....	6	1	143	8	20	92	20	3	

See footnotes at end of table.

data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the of wage earners or larger values of products than some shown separately.]

[illegible]

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR DETROIT

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribu- tion	Con- struction	Other
						Salaried employees ²	Wage earners (average for year) ²			
1	8	17	14	468	17	54	348	49		
2	17	88	34	5,610	117	620	4,587	230	16	40
3	17*	23	21	335	21	25	262	20		7
4	17	169	81	6,795	240	610	5,378	470	23	74
5	17	7		1,948	21	223	1,586	68	5	45
6	1	13		2,668	41	144	1,373	1,039	41	30
7	6	14	10	361	17	32	262	50		
8	17	4	2	40	3	11	21	4		1
9	1	29	24	1,939	28	90	1,587	212	7	15
10	17	11	8	1,165	18	83	1,018	11	35	
11	4	3	1	26		1	25			
12	4	9	6	107	7	6	88	6		
13	17	10	6	608	9	112	481	6		
14	6	4	5	49	4	8	35	2		
15	13	10	4	210	11	18	165	26		
16	20	11	5	285	11	21	217	36		
17	20	40	38	718	24	57	619	17	1	
18	13	13	3	226	19	20	154	33		
19	18	115	20	214,951	158	18,137	191,356	4,616	70	614
20	9	5	3	17	1	3	10	3		
21	20	4	5	27	2	4	20	1		
22	8	36	21	4,104	29	1,491	1,664	820	100	
23	8	20	9	138	17	66	34	21		
24	1	45	37	1,016	38	66	393	517	1	1
25	15	11	3	362	16	40	287	18		
26	15	28	6	3,357	57	367	2,785	128	1	19
27	10	5		1,075		57	1,018			
28	9	39	12	2,292	51	405	1,451	373	12	
29	7	4		727	5	56	652	14		
30	7	11	1	616	14	56	500	46	1	
31	6	21	21	193	5	18	151	17		2
32	8	11	3	316	11	73	188	44		
33	8	39	9	306	37	175	10	84		
34	10	3		293		30	260	3		
35	8	17	6	573	29	59	434	51		
36	20									
37	1	3	3	25	2	1	19	3		
38	5	7	3	164	7	16	96	45		
39	14	28	16	833	24	63	676	75		5
40	1	4	1	124	7	7	102	8		
41	17	5	6	46	4	5	22	15		
42	17	6		41	6	4	22	8		1
43	17	7	2	231	7	56	133	30	5	
44	10	7	3	1,801	16	218	1,448	119		
45	11	3	2	82		6	76			
46	1	8	2	714	10	85	584	34		1
47	14	31	29	781	28	55	508	184	2	4
48	15	36	16	1,253	51	94	1,052	43	10	3
49	10	25	25	482	31	53	363	35		
50	20	3		270	6	54	208	2		
51	14	29	22	593	20	70	433	70		
52	13	25	11	914	31	119	726	31	7	
53	14	3	2	18			16	2		
54	14	4		608	11	82	581	23		1
55	12	11	5	1,101	15	98	872	110	6	
56	4	7	4	337	8	31	269	29		
57	2	4	1	59	1	7	49	2		
58	14	3	1	455	5	8	308	134		
59	6	6	2	108	6	12	73	17		
60	6	3		46	3	2	39	1		1
61	17	14	10	458	16	31	360	50	1	
62	6	3	2	36	3	3	23	7		
63	6	10	6	159	4	5	122	28		
64	1	9	9	24		4	14	6		
65	14	5		146	12	17	59	58		2
		28	8	5,176	47	456	4,518	128	25	

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manu- facture	
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work					
Dollars	Dollars	Salaries ³	Wages	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1,011,310	94,377	139,518	685,883	94,532	34,129	74,533	137,540	98,691	5,731	11,518	21,600	1,491,701	1,354,161	1		
10,146,600	912,118	1,379,219	7,191,825	554,776	11,100	123,267	10,550,836	9,894,236	220,694	332,576	103,330	26,360,511	15,809,675	2		
543,218	51,427	59,093	388,645	38,269		5,784	238,821	197,950	10,197	25,495	5,173	1,109,605	870,784	3		
10,098,640	1,770,252	1,652,484	11,477,841	1,050,952	46,518	100,593	9,314,266	8,440,229	140,940	364,174	368,923	34,660,133	25,345,867	4		
4,816,465	258,940	690,073	3,483,720	243,335		123,267	3,529,242	3,258,287	33,614	77,012	160,329	10,314,366	6,785,064	5		
6,007,105	425,092	427,553	2,714,725	2,295,561	102,041	42,193	5,576,455	5,202,478	249,467	124,510		20,088,244	14,511,789	6		
497,282	67,474	51,922	287,889	89,997			605,742	387,572	6,084	11,936	150	1,678,419	772,677	7		
78,189	22,866	17,835	24,148	12,221		1,110	125,084	117,033	1,226	1,106	5,719	273,561	148,477	8		
3,140,849	154,868	176,275	2,339,715	422,297	9,615	38,079	36,475,567	36,293,157	178,620	93,790		41,499,109	4,933,632	9		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	10	
24,929		1,870	23,059				22,802	22,178		624		59,156	36,354	11		
103,708	20,275	9,940	60,714	12,869			210,693	208,523		1,919	251	378,762	168,069	12		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	13	
66,767	10,477	10,764	33,226	1,300			49,559	47,879		532	126	162,586	113,027	14		
311,056	48,226	39,959	179,274	50,497			947,419	930,402		7,833	600	1,867,036	919,617	15		
335,587	56,486	34,097	203,466	41,538			375,864	365,548		3,436	704	832,324	456,460	16		
1,628,791	138,386	160,637	1,292,978	34,667	2,123		557,671	495,399		18,047	14,910	3,045,757	2,458,086	17		
395,268	66,079	38,493	232,544	58,152			431,823	400,313	4,483	22,527	4,500	1,065,911	634,088	18		
384,867,006	2,382,716	47,067,990	323,873,200	9,722,748	147,399	1,103,844	1,122,177,903	1,091,654,869	8,924,912	5,846,216	15,751,906	1,658,794,884	536,616,981	19		
21,873	2,392	4,940	11,109	3,432			72,000	70,727	817	456		111,385	39,385	20		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	21	
9,041,320	297,886	3,344,532	3,538,878	1,705,747	154,277		5,873,720	5,629,570	29,817	179,813	34,520	23,555,670	17,681,950	22		
199,537	36,892	69,961	52,565	40,119			206,119	12,504	1,015	1,542	191,058	586,101	379,982	23		
1,777,023	260,329	124,022	510,587	878,814	1,300	971	3,632,671	3,551,068	32,275	49,328		8,096,937	4,464,286	24		
667,841	60,105	73,408	493,265	40,023		1,040	610,738	566,704	25,223	13,322	5,489	1,581,315	970,577	25		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	26	
2,072,312		214,571	1,857,741				14,583,114	13,697,734	727,609	157,771		18,964,326	4,381,212	27		
4,227,393	343,011	917,445	2,163,976	775,222	27,739		15,371,992	15,116,267	76,507	179,126	92	27,934,823	12,562,831	28		
1,253,681	46,400	144,673	1,021,913	40,695			2,306,823	2,055,943	242,056	7,779	1,045	4,528,081	2,221,258	29		
873,628	90,688	101,741	572,983	105,655	2,561		1,601,974	1,553,008	21,397	24,997	2,572	2,989,902	1,387,928	30		
329,966	19,208	33,394	254,251	22,650		463	475,016	457,910	2,790	9,049	5,267	1,023,207	548,191	31		
617,608	52,554	130,215	332,840	92,909			431,131	329,182	1,295	6,551	94,103	1,408,673	977,542	32		
652,478	159,122	256,675	16,122	220,559			1,819,771	383,885	217	1,732	933,937	2,658,116	1,338,345	33		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	34	
1,593,641	231,266	150,631	1,068,931	142,813			321,337	253,184	9,169	23,263	35,721	2,958,167	2,638,830	35		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	36	
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	37	
1,358,771	140,001	115,216	1,016,487	83,523		3,544	2,226,664	2,144,172	33,020	47,953	1,519	4,117,862	1,891,198	38		
178,937	13,570	11,651	132,027	21,789			173,558	165,334	1,023	6,162	1,039	483,411	309,853	39		
63,472	9,900	6,580	23,719	23,273			236,314	230,479	2,342	3,493		382,745	146,431	40		
80,456	22,100	7,590	26,714	22,366		1,686	99,023	85,434	2,391	980	10,218	221,592	122,569	41		
388,731	55,884	93,883	181,209	61,607	6,778		275,716	259,057	7,695	4,580	4,384	800,362	524,646	42		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	43	
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	44	
1,321,430	84,151	231,194	920,074	78,701		1,310	2,365,515	2,220,204	42,494	102,817		5,193,136	2,827,621	45		
1,346,414	182,182	127,785	704,415	324,512	2,820	4,700	7,804,178	7,693,535	50,769	59,874		10,218,107	2,413,929	46		
2,108,241	229,715	204,944	1,558,947	99,215	13,566	1,854	2,609,598	2,259,351	38,997	110,797	200,453	5,737,083	3,127,485	47		
795,776	134,940	91,703	483,854	58,273			1,144,595	1,110,924	7,149	9,599	16,923	2,495,141	1,350,546	48		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	49	
766,440	106,666	107,108	469,124	83,542			918,725	854,686	15,214	13,258	35,567	1,942,049	1,023,324	50		
1,462,260	224,024	256,317	886,237	84,695	10,387		1,688,108	1,595,272	23,464	59,736	9,636	4,162,303	2,474,195	51		
33,678			80,184	3,394			36,710	35,858	531	321		84,655	47,945	52		
1,201,262	92,545	187,769	846,021	74,157		780	825,738	595,327	58,875	170,076	1,460	2,575,741	1,760,003	53		
1,621,056	132,925	193,096	1,052,644	230,026	12,545		2,416,653	2,266,715	90,612	40,020	19,306	4,944,172	2,527,619	54		
442,946	38,949	66,062	268,040	78,905			684,358	672,921	5,404	6,033		1,377,528	693,170	55		
52,743	3,360	13,128	31,690	4,565			138,793	137,440	71	900	382	199,390	60,597	56		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	57	
193,992	31,059	23,106	107,251	32,576			164,467	159,167	1,953	3,055	292	400,182	295,715	58		
55,799	12,240	4,702	35,830	1,847		1,180	71,515	63,472	5,700	2,343		105,901	34,886	59		
687,917	112,150	65,622	442,686	66,289	1,170		1,252,543	1,233,902	6,637	12,004		2,295,627	1,043,084	60		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)			(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	61	
203,756	8,540	14,780	150,834	20,602			374,440	369,268	1,933	3,249		704,045	329,605	62		
25,556		4,438	12,145	8,973			147,196	145,842	342	1,012		223,371	76,175	63		
225,893	50,600	26,891	63,871	84,531			408,780	400,703	1,887	6,190		801,410	392,630	64		
7,887,682	398,682	917,966	6,306,398	230,236	32,400	2,000	7,546,933	7,251,077	113,081	156,612	26,163	18,080,368	10,533,435	65		

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR DETROIT

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	4 Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	4	6	77	1	7	62	7		
2	6 Wooden boxes except cigar boxes.....	10	9	237	7	13	205	12		
3	6 Wood products not elsewhere classified.....	11	10	70	9	11	47	3		
4	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	9	6	379	8	23	323	24		1
5	14 Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	5		2, 113	12	300	1, 710	91		
6	Other industries ⁴	582	264	68, 950	653	7, 907	55, 768	3, 798	716	182
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴									
7	1 Food and kindred products.....	37	18	1, 166	40	110	751	226	18	21
8	3 Textile-mill products and other fiber manufactures.....	15	7	1, 574	6	137	1, 410	21		
9	4 Apparel and other finished products made from fabrics and similar materials.....	48	47	2, 195	31	202	1, 846	104	7	5
10	6 Furniture and finished lumber products.....	12	9	558	4	42	476	32	4	
11	7 Paper and allied products.....	15	5	831	23	43	670	94		1
12	9 Chemicals and allied products.....	98	28	8, 171	94	1, 309	5, 524	761	473	10
13	13 Stone, clay, and glass products.....	34	5	3, 816	35	243	3, 314	167	50	7
14	14 Iron and steel and their products, except machinery.....	62	16	17, 204	108	1, 182	15, 122	749	40	5
15	15 Nonferrous metals and their products.....	69	23	9, 310	100	1, 104	7, 685	316	70	35
16	16 Electrical machinery.....	23	14	994	27	84	736	142	3	2
17	17 Machinery (except electrical).....	67	30	11, 978	118	1, 887	9, 117	717	44	95
18	19 Transportation equipment except automobiles.....	13	6	1, 717	14	359	1, 278	66		
19	20 Miscellaneous industries.....	54	43	1, 607	34	172	1, 225	176		
	2 Tobacco manufactures.....	3	1	455	5	8	308	134		
	8 Printing, publishing, and allied industries.....	5	1	209	5	22	170	6	6	
20	10 Products of petroleum and coal.....	8	3	435		40	391	3	1	
	12 Leather and leather products.....	10	3	561	11	40	497	13		
	18 Automobiles and automobile equipment.....	6	4	100	5	6	87	1		1
	5 Lumber and timber basic products.....	1								
	11 Rubber products.....	2	1	6, 078		917	5, 161			

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

² Figures do not include data for personnel of central-administrative offices.

³ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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

⁵ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
Dollars ⁽¹⁾	Dollars ⁽¹⁾	Salaries ²	Wages	Dollars ⁽¹⁾	Dollars ⁽¹⁾	Dollars	Dollars ⁽¹⁾	Dollars ⁽¹⁾	Dollars	Dollars ⁽¹⁾	Dollars ⁽¹⁾	Dollars ⁽¹⁾	Dollars ⁽¹⁾
300,296	41,476	25,677	200,975	32,168	-----	-----	532,284	520,196	2,423	9,665	-----	1,075,024	542,740
85,563	18,560	14,768	48,469	3,766	-----	-----	125,369	119,866	1,361	2,489	-----	274,449	149,080
352,156	28,420	26,460	242,480	54,696	-----	100	475,669	468,627	2,207	3,160	1,675	823,043	347,374
3,923,568	182,160	731,521	2,824,485	185,402	-----	-----	5,730,046	5,454,341	53,817	158,323	63,565	13,129,613	7,399,567
123,018,658	5,493,772	18,555,505	88,875,560	8,587,306	1,186,719	289,787	290,693,408	268,958,204	15,966,329	4,847,527	921,348	563,078,968	272,385,560
1,694,874	224,180	220,455	819,471	372,239	37,385	12,135	6,790,212	6,595,403	85,708	107,901	1,200	11,163,172	4,372,060
2,016,986	94,500	265,284	1,544,892	112,310	-----	-----	5,321,967	5,139,634	45,513	136,820	-----	10,066,083	4,744,116
2,465,076	166,330	340,224	1,768,604	174,650	14,000	5,298	5,325,701	5,098,965	25,244	43,262	158,240	9,948,450	4,622,749
698,519	45,400	97,764	512,845	32,683	9,827	-----	1,036,489	973,891	36,082	26,365	151	2,427,861	1,391,372
1,541,724	135,276	123,847	1,105,212	177,076	-----	313	4,565,815	4,513,612	10,434	36,228	5,541	7,590,741	3,024,926
14,517,811	801,551	3,141,000	8,344,750	1,587,675	630,577	12,258	26,156,185	22,277,875	3,645,483	218,400	14,427	79,264,342	53,108,157
6,411,043	304,067	604,787	4,960,125	371,768	93,299	7,997	9,048,497	9,119,134	363,318	160,030	15	22,687,002	13,038,505
30,751,100	1,140,054	3,171,496	24,259,265	1,984,743	188,710	6,832	91,834,653	79,478,206	9,669,408	2,392,873	294,166	156,183,887	64,349,234
16,504,469	891,978	2,484,761	12,155,812	808,948	125,807	37,163	34,625,216	33,184,683	707,437	709,782	23,314	64,622,657	29,997,441
1,263,622	117,176	155,548	739,529	278,411	2,658	300	3,504,748	3,425,513	12,434	33,791	33,010	6,340,255	2,835,507
23,338,190	1,090,463	4,288,087	15,900,929	1,778,446	72,980	207,285	21,738,461	20,836,099	265,793	423,575	212,094	68,518,785	46,780,324
3,043,050	116,491	785,979	1,982,365	158,215	-----	-----	2,421,210	2,225,534	83,175	83,161	20,400	5,928,486	3,505,276
2,629,389	163,180	349,260	1,794,165	322,734	-----	-----	4,149,950	4,030,934	35,672	37,620	30,724	10,133,999	5,984,049
16,112,805	213,117	2,482,013	12,978,605	427,358	11,476	236	73,574,304	72,052,721	980,028	431,789	109,166	108,205,248	34,630,944

⁴ For numbers of establishments and of wage earners in individual industries, see table 12.² and ³ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Detroit industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.¹ 1 establishment.² 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939

[This table presents, for each city in the State (except Flint) having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table.]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees	*Wage earners (average for year)	Salaries of officers of corporations	Salaries of employees	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture
DETROIT												
	All industries, total.....	2,335	1,413	2,393	25,591	182,373	\$17,139,476	\$61,210,011	\$296,486,865	\$932,639,532	\$1,582,610,497	\$649,979,966
13	Abrasive wheels, stones, paper, cloth, and related products.....	6	2	7	22	192	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Alloying and rolling and drawing of nonferrous metals, except aluminum.....	10		25	333	2,432	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	9	4	5	278	1,801	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Asbestos products (except steam packing and pipe and boiler covering).....	3		3	62	215	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Automobile stampings.....	17	6	32	216	1,839	214,432	579,087	3,224,997	4,712,340	10,937,263	6,224,923
16	Automotive electrical equipment.....	3	1	5	12	36	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
3	Batting, padding, and wadding; upholstery filling.....	6		5	77	674	89,300	121,472	715,043	2,132,787	4,734,276	2,601,489
1	Biscuit, crackers, and pretzels.....	4	3	3	21	323	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	11	1	20	70	690	254,473	178,186	1,007,523	2,766,655	5,203,605	2,436,950
8	Bookbinding and related industries.....	19	14	26	58	416	123,032	102,078	414,816	335,579	1,348,687	1,013,108
8	Books: printing without publishing.....	29	15	32	120	724	240,043	311,256	1,216,056	2,248,746	4,887,317	2,638,571
8	Books: publishing without printing.....	6			116		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	243	295	39	366	5,725	132,302	754,715	8,487,447	16,084,059	34,264,406	18,180,347
20	Brushes.....	4	7	3	3	56	9,727	7,526	60,633	289,227	494,822	205,595
9	Chemicals not elsewhere classified.....	8	2	11	59	803	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
2	Cigars.....	16	8	11	38	1,121	50,735	65,134	719,877	1,634,001	3,087,572	1,453,571
9	Compressed and liquefied gases—made in petroleum refineries or in natural-gasoline plants.....	6			16	94	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products.....	28	13	25	34	362	102,968	70,779	547,760	1,287,266	2,833,865	1,546,599
17	Construction and similar machinery (except mining and oil-field machinery and tools).....	4	1		88	408	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
7	Converted paper products not elsewhere classified.....	10	11	12	136	874	125,026	270,163	1,080,583	2,899,066	5,021,493	2,122,427
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	3	3	2	2	21	4,465	3,068	15,640	106,909	145,605	38,696
20	Dental equipment and supplies.....	5		12	14	110	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
7	Die-cut paper and paperboard, and converted cardboard.....	3		5	5	32	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Doors, window sash, frames, molding, and trim (made of metal).....	4	3	10	118	687	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
16	Electrical appliances.....	5		12	69	416	111,481	137,016	560,820	1,265,658	3,109,541	1,843,883
10	Electrical products not elsewhere classified.....	7	2	9	32	174	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Electrotyping and stereotyping, not done in printing establishments.....	5	1	7	29	161	50,950	80,956	374,989	241,574	1,074,547	832,973
8	Engraving (steel, copperplate, and wood); plate printing.....	5	5	2	7	17	2,800	8,277	18,584	26,982	98,120	71,138
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	25	14	26	216	856	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Food preparations, not elsewhere classified.....	24	24	28	38	307	125,870	53,060	293,954	2,703,258	4,431,581	1,728,323
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	14	1	23	31	501	184,955	69,461	730,451	1,475,737	3,277,476	1,801,739
4	Fur coats and other fur garments, accessories, and trimmings.....	7	4	2	13	93	5,100	21,852	133,247	325,402	740,228	414,766
20	Games and toys (except dolls and children's vehicles).....	9	5	10	22	215	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	General commercial (job) printing.....	157	128	85	242	1,498	307,354	463,817	1,978,027	3,287,233	8,181,410	4,894,177
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	17	10	20	344	1,161	219,408	635,944	1,840,097	3,550,400	8,668,983	5,118,493
14	Gray-iron and semisteel castings.....	16	3	31	58	890	253,694	169,821	1,256,883	1,118,411	3,936,182	2,817,771
9	Grease and tallow (except lubricating greases).....	3		5	11	68	26,476	29,463	89,774	377,416	754,448	377,032
20	Hand stamps, stencils, and brands.....	8	16		5	37	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Heating and cooking apparatus, except electric, not elsewhere classified.....	3	2	3	6	44	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	5	5	3	16	321	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES 1939—Continued

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Propri-eters and firm mem-bers	*Sala-ried officers of corpo-rations ¹	*Sala-ried employ-ees ¹	*Wage earners (average for year) ²	Salaries of officers of corpo-rations ¹	Salaries of employ-ees ¹	Wages	Cost of ma-terials, sup-plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu-facture ³
DETROIT—Continued												
4	Housefurnishings (except curtains, draperies, and bedspreads) *	8	4	9	27	383	\$34,143	\$42,355	\$275,799	\$1,029,824	\$1,018,841	\$589,017
1	Ice cream and ices	43	18	22	57	251	77,238	119,666	338,731	3,013,384	5,573,099	2,559,715
1	Ice, manufactured	16	1	6	48	112	40,600	54,795	150,549	219,855	1,386,845	1,166,990
17	Industrial machinery, not elsewhere classified	7	3	10	210	429	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Insecticides, fungicides, and related industrial and household chemical compounds *	22	16	22	49	247	77,501	113,799	315,103	1,581,488	3,870,177	2,288,689
17	Internal-combustion engines	4	-----	9	199	529	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	5	29	90	427	169,706	193,927	568,155	1,544,062	3,093,942	1,549,890
8	Machine and hand typesetting (including advertisement typesetting)	17	14	17	54	348	94,377	136,518	685,883	137,540	1,491,701	1,354,161
17	Machine-shop products, not elsewhere classified	77	28	106	590	3,722	850,055	1,295,802	5,866,246	8,717,578	22,559,319	13,841,741
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	146	75	206	530	4,767	1,617,025	1,490,009	10,303,095	8,529,582	31,498,755	22,969,173
1	Malt liquors *	13	-----	41	144	1,373	425,092	427,553	2,714,725	5,576,455	20,088,244	14,511,789
6	Mattresses and bedsprings *	14	10	17	32	262	67,474	51,922	287,889	905,742	1,678,419	772,077
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	2	3	11	21	22,866	17,835	24,148	125,084	273,561	148,477
1	Meat packing, wholesale *	29	24	28	90	1,587	154,868	176,275	2,339,715	39,475,567	41,409,199	4,933,632
17	Mechanical power-transmission equipment	11	8	18	83	1,018	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	-----	1	25	-----	1,870	23,059	22,802	59,156	36,354
4	Men's neckwear—made in inside factories or by jobbers engaging contractors *	9	6	7	6	88	20,275	9,940	60,714	210,693	378,762	168,069
6	Mirror frames and picture frames	4	5	4	8	35	10,477	10,764	33,226	49,559	162,586	113,027
13	Mirrors and other glass products made of purchased glass	10	4	11	18	155	48,226	33,959	179,274	947,419	1,867,036	919,617
20	Miscellaneous fabricated products not elsewhere classified	11	5	11	21	217	56,486	34,097	203,466	375,864	832,324	455,460
20	Models and patterns (except paper patterns) *	40	38	24	57	619	138,386	160,637	1,292,978	557,671	3,045,757	2,488,086
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified *	13	3	19	20	154	66,079	38,493	232,544	431,823	1,065,911	634,088
18	Motor vehicles, motor-vehicle bodies, parts and accessories	91	16	135	11,440	92,675	2,049,149	29,356,144	155,730,837	578,740,007	826,722,676	247,982,669
9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	1	3	10	2,392	4,940	11,109	72,000	111,385	39,385
20	Musical instruments, parts, and materials not elsewhere classified	4	5	2	4	20	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Newspapers: publishing and printing	14	8	13	1,383	1,449	179,358	3,142,965	3,229,247	5,584,303	22,049,543	16,465,240
8	Newspapers: publishing without printing	12	5	14	35	22	20,320	33,597	20,612	100,578	299,190	198,612
1	Nonalcoholic beverages	38	34	31	63	365	223,290	119,152	477,491	3,412,261	7,560,442	4,148,181
15	Nonferrous-metal foundries (except aluminum) *	11	3	16	40	287	60,105	73,408	493,265	610,738	1,581,315	970,577
15	Nonferrous-metal products not elsewhere classified	22	4	48	305	2,395	376,731	763,685	3,676,256	5,427,232	12,851,750	7,424,618
9	Paints, varnishes, and lacquers	26	11	39	286	873	261,536	640,470	1,250,199	8,194,307	15,922,216	7,727,909
6	Partitions, shelving, cabinet work, and office and store fixtures	21	21	5	18	151	19,208	33,394	254,251	475,016	1,023,207	548,191
8	Periodicals: publishing and printing	7	1	11	61	97	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Periodicals: publishing without printing *	39	9	37	175	10	159,122	256,675	16,122	1,319,771	2,658,116	1,338,345
8	Photoengraving, not done in printing establishments (including preparation of plates)	17	6	29	59	434	231,266	150,631	1,068,931	321,337	2,958,167	2,636,830
20	Photographic apparatus and materials and projection equipment (except lenses)	3	3	2	1	19	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
5	Planing mills not operated in conjunction with sawmills	20	7	19	45	595	109,934	98,452	901,170	1,986,889	3,638,585	1,651,696
14	Power boilers and associated products	4	1	7	7	102	13,570	11,551	132,027	173,558	483,411	309,853
17	Printing-trades machinery and equipment	6	-----	6	4	22	22,100	7,590	26,714	99,023	221,592	122,589
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	3	16	218	1,448	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaries of officers of corporations	*Salaries of employees	*Wage earners (average for year)	Salaries of officers of corporations	Salaries of employees	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture
DETROIT—Continued												
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.	26	22	23	49	438	\$142,616	\$110,706	\$584,054	\$6,560,238	\$8,498,352	\$1,929,114
14	Screw-machine products and wood screws	36	16	51	94	1,052	229,715	204,944	1,558,047	2,609,598	5,737,083	3,127,485
15	Sheet-metal work not specifically classified	25	25	31	53	363	134,940	91,703	483,854	1,144,595	2,495,141	1,350,546
14	Stamped and pressed metal products (except automobile stampings)	21	9	26	107	622	179,251	227,176	761,258	1,388,237	3,521,660	2,133,429
13	Statuary and art goods (except stone and concrete)—factory production	3	2			16			30,184	36,710	84,655	47,945
13	Steam and other packing; pipe and boiler covering	6	1	11	49	716	(1)	(1)	(1)	(1)	(1)	(1)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	5	15	98	872	132,925	193,096	1,052,464	2,410,653	4,044,172	2,527,519
12	Suitcases, brief cases, bags, trunks, and other luggage	3	2	5	7	125	(1)	(1)	(1)	(1)	(1)	(1)
4	Textile bags—not made in textile mills	4	1	1	7	49	3,360	13,128	31,690	138,793	199,390	60,597
2	Tobacco (chewing and smoking) and snuff	3	1	5	8	308	(1)	(1)	(1)	(1)	(1)	(1)
14	Tools (except edge tools, machine tools, files, and saws)	6	2	6	12	73	31,059	23,106	107,251	164,467	460,182	295,715
4	Trousers (semidress), wash suits, and washable service apparel	3		3	2	39	12,240	4,702	35,830	71,515	105,901	34,386
6	Upholstered household furniture	14	10	16	31	360	112,150	65,622	442,686	1,262,543	2,295,627	1,043,064
17	Vending, amusement, and other coin-operated machines	3	2	3	3	23	(1)	(1)	(1)	(1)	(1)	(1)
6	Window and door screens and weather strip	10	6	4	5	122	8,540	14,780	150,834	374,440	704,045	329,605
6	Window shades	9	9	4	4	14	4,438	12,145	147,190	223,371	76,175	76,175
14	Wirework not elsewhere classified	24	7	41	405	4,118	318,682	821,106	5,794,454	6,785,838	16,176,156	9,889,318
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	6	1	7	62	(1)	(1)	(1)	(1)	(1)	(1)
6	Wooden boxes except cigar boxes	10	9	7	13	205	41,476	25,677	200,975	532,284	1,075,024	642,740
6	Wood products not elsewhere classified	11	10	9	11	47	18,560	14,768	48,469	125,369	274,449	149,080
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	6	8	23	323	28,420	26,460	242,480	475,669	823,043	347,374
	Other industries	686	354	783	7,050	42,188	5,454,643	16,255,521	67,428,838	185,040,352	391,766,028	206,725,676
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products	57	24	65	161	1,210	328,576	318,984	1,252,725	8,275,450	13,755,809	5,480,359
3	Textile-mill products and other fiber manufactures	7	7	1	52	494	5,200	120,527	513,708	2,087,682	3,451,285	1,363,603
4	Apparel and other finished products made from fabrics and similar materials	55	49	39	218	2,001	187,056	376,047	1,917,402	5,739,675	10,781,183	5,041,508
6	Furniture and finished lumber products	27	14	31	64	708	177,501	134,697	796,061	1,496,315	3,043,110	2,146,795
7	Paper and allied products	25	6	28	116	1,075	220,036	254,114	1,402,177	4,321,458	7,955,862	3,634,404
8	Printing, publishing, and allied industries	18	6	16	199	267	77,680	279,223	424,862	1,145,652	2,831,437	1,685,785
9	Chemicals and allied products	79	28	72	702	3,223	604,402	1,813,305	4,553,899	11,419,319	47,600,683	36,187,364
13	Stone, clay, and glass products	27	4	30	169	1,413	182,467	461,324	2,043,266	4,607,068	10,968,353	6,361,285
14	Iron and steel and their products, except machinery	78	30	120	976	6,410	909,288	2,336,960	10,360,896	25,980,070	53,597,450	27,617,880
15	Nonferrous metals and their products	64	38	72	743	5,240	532,320	1,609,718	8,295,507	25,826,844	47,652,795	21,825,951
16	Electrical machinery	22	14	25	82	732	110,876	152,015	734,032	3,491,444	6,302,332	2,810,888
17	Machinery (except electrical)	105	50	186	2,207	11,473	1,579,211	5,214,364	20,583,438	27,182,326	82,449,929	55,267,603
17	Transportation equipment except automobiles	7	5	9	182	722	42,432	417,675	1,081,381	1,625,946	3,210,008	1,584,062
20	Miscellaneous industries	85	68	61	178	1,162	270,966	371,293	1,468,193	3,318,917	7,641,872	4,822,955
11	Products of petroleum and coal	4	1		27	376						
11	Rubber products	8	2	7	919	4,740						
12	Leather and leather products	13	5	16	47	621	220,642	2,395,275	12,001,201	58,522,186	89,917,920	31,395,734
2	Tobacco manufactures	3										
18	Automobiles and automobile equipment	2	3	5	8	315						
FLINT												
	All industries, total	109	80	44	3,702	32,718	(1)	(1)	(1)	(1)	(1)	(1)
GRAND RAPIDS												
	All industries, total	421	275	412	2,260	19,665	\$2,596,015	\$4,123,046	\$23,050,012	\$44,423,592	\$90,015,933	\$55,492,341
1	Biscuit, crackers, and pretzels	4		9	31	359	(1)	(1)	(1)	(1)	(1)	(1)
8	Books: printing without publishing	9	4	11	32	139	37,407	56,451	168,678	205,179	650,665	445,486
8	Books: publishing without printing	3	3		11		(1)	(1)	(1)	(1)	(1)	(1)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	37	38	4	46	727	25,429	82,772	971,983	2,254,726	4,438,987	2,184,261
1	Candy and other confectionery products	5	4	6	12	150	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*Sala-ried off-icers of corporations ¹	*Sala-ried em-ployees ¹	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu-facture ³
GRAND RAPIDS—Continued												
0	Caskets, coffins, burial cases, and other morticians' goods.....	4	3	4	4	32	\$10,360	\$4,622	\$20,519	\$87,772	\$182,846	\$95,074
2	Cigars.....	4	0	1	0	102	(*)	(*)	(*)	(*)	(*)	(*)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	6	2	6	22	(*)	(*)	(*)	(*)	(*)	(*)
13	Concrete products.....	8	1	13	94	40	(*)	(*)	(*)	(*)	(*)	(*)
1	Creamery butter.....	3	1	10	10	10	(*)	(*)	(*)	(*)	(*)	(*)
9	Drugs and medicines (including drug grinding).....	3	4	5	3	27	(*)	(*)	(*)	(*)	(*)	(*)
15	Electroplating, plating, and polishing.....	3	5	2	2	98	(*)	(*)	(*)	(*)	(*)	(*)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	3	2	2	12	41	15,887	17,133	43,056	74,356	165,370	91,014
20	Games and toys (except dolls and children's vehicles).....	3	2	2	3	15	(*)	(*)	(*)	(*)	(*)	(*)
8	General commercial (job) printing.....	29	26	23	71	288	118,082	99,234	360,145	552,313	1,654,210	1,101,927
14	Gray-iron and semisteel castings.....	6	2	5	9	164	10,936	13,272	182,113	160,563	460,274	299,711
14	Hardware not elsewhere classified.....	13	8	22	168	2,271	304,500	358,538	2,682,868	3,782,915	10,149,959	6,367,044
6	Household furniture, except upholstered.....	27	16	40	244	2,447	242,562	406,108	2,501,159	2,673,414	7,709,918	5,036,504
1	Ice cream and ices.....	9	9	2	5	24	6,379	7,880	24,056	300,401	570,085	269,684
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	4	—	5	13	87	(*)	(*)	(*)	(*)	(*)	(*)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	2	3	10	60	(*)	(*)	(*)	(*)	(*)	(*)
17	Machine-shop products, not elsewhere classified.....	7	8	3	10	41	12,000	13,356	57,658	103,047	250,621	147,57
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	3	1	6	7	113	(*)	(*)	(*)	(*)	(*)	(*)
6	Mattresses and bedsprings.....	4	2	4	5	69	13,000	6,433	73,569	240,361	422,178	181,817
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	6	2	12	149	1,336	69,353	271,523	1,380,001	1,678,575	4,313,691	2,635,116
8	Newspapers: publishing and printing.....	9	10	2	131	234	11,764	231,106	404,262	510,888	2,574,240	2,063,352
1	Nonalcoholic beverages.....	4	2	2	3	19	7,403	4,298	17,321	163,636	345,044	185,008
6	Office furniture.....	8	1	12	94	668	73,469	174,470	770,423	1,254,284	3,164,266	1,909,982
9	Paints, varnishes, and lacquers.....	6	—	14	41	125	(*)	(*)	(*)	(*)	(*)	(*)
8	Periodicals: publishing and printing.....	3	—	4	22	132	(*)	(*)	(*)	(*)	(*)	(*)
8	Periodicals: publishing without printing.....	5	1	5	5	—	12,200	5,254	—	18,756	75,216	56,460
8	Photoengraving, not done in printing establishments (including preparation of plates).....	6	3	8	10	29	24,800	23,167	49,777	23,702	180,285	156,583
5	Planing mills not operated in conjunction with sawmills.....	7	2	7	13	186	40,040	15,835	180,444	546,320	975,849	429,529
6	Public-building furniture.....	5	—	16	210	1,220	(*)	(*)	(*)	(*)	(*)	(*)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	4	—	4	152	1,500	(*)	(*)	(*)	(*)	(*)	(*)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	8	9	4	9	96	33,720	16,387	106,798	1,202,773	1,610,214	407,441
15	Sheet-metal work not specifically classified.....	7	4	4	6	59	(*)	(*)	(*)	(*)	(*)	(*)
20	Signs, advertising displays, and advertising novelties.....	4	3	—	3	17	—	2,429	14,452	25,848	58,817	32,969
14	Stamped and pressed metal products (except automobile stampings).....	3	4	1	4	22	2,600	4,558	25,159	31,563	73,476	41,913
6	Upholstered household furniture.....	22	31	9	42	495	41,168	58,153	561,859	1,416,673	2,665,275	1,248,602
6	Wood products not elsewhere classified.....	11	7	9	23	316	37,713	40,096	338,135	425,829	1,098,834	673,005
17	Woodworking machinery.....	6	1	9	37	176	(*)	(*)	(*)	(*)	(*)	(*)
	Other industries ¹	180	82	221	1,168	10,006	1,445,243	2,179,971	12,109,547	26,689,698	56,121,983	20,432,285
OTHER INDUSTRIES, BY INDUSTRY GROUPS ²												
1	Food and kindred products.....	25	8	24	76	643	119,999	118,550	596,904	2,780,059	4,485,323	1,705,264
3	Textile-mill products and other fiber manufactures.....	7	2	15	98	1,182	133,450	176,761	1,052,354	1,880,345	4,269,588	2,383,243
4	Apparel and other finished products made from fabrics and similar materials.....	6	3	7	10	61	25,507	19,800	37,636	42,712	189,412	146,700
6	Furniture and finished lumber products.....	10	—	27	313	1,849	257,203	630,965	2,496,189	4,467,619	10,313,618	5,845,999
7	Paper and allied products.....	4	1	2	24	502	12,206	61,546	671,432	2,269,399	4,266,018	2,006,619
8	Printing, publishing, and allied industries.....	17	5	20	74	317	96,191	121,410	495,270	619,087	1,741,215	1,122,128
9	Chemicals and allied products.....	18	4	25	67	263	120,063	151,942	314,737	2,229,263	4,121,796	1,892,543
12	Leather and leather products.....	4	—	7	14	232	31,158	28,637	212,673	607,767	1,094,066	486,299
14	Iron and steel and their products, except machinery.....	10	4	16	106	1,213	178,937	178,452	1,439,742	2,006,902	5,448,249	3,441,347
15	Nonferrous metals and their products.....	16	18	8	21	207	45,136	23,284	242,593	723,492	1,290,326	575,834

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*Sala-ried offi-cers of corporations ¹	*Sala-ried em-ployees ²	*Wage earners (average for year) ³	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu-facture ⁴
GRAND RAPIDS—Continued												
17	Machinery (except electrical).....	26	10	40	279	2,689	\$321,980	\$529,452	\$3,741,436	\$6,891,510	\$14,463,656	\$7,572,146
20	Miscellaneous industries.....	15	12	14	27	272	49,898	41,252	318,713	555,887	1,163,132	607,245
2	Tobacco manufactures.....	4	6	1	6	162						
13	Stone, clay, and glass products.....	11	6	6	18	174						
16	Electrical machinery.....	3	2	3	28	152						
5	Lumber and timber basic products.....	1		2			52,615	98,014	549,368	1,619,666	3,266,584	1,646,918
10	Products of petroleum and coal.....	1			1							
11	Rubber products.....	1	1		2	88						
19	Transportation equipment except auto-mobiles.....	1		4	4							

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ Figures do not include data for personnel of central-administrative-offices.

² Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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

⁴ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

⁵ For numbers of establishments and of wage earners in individual industries, see table 12.

⁶ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

⁷, ⁸, and ⁹ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Detroit have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.

¹⁰ 1 establishment. ¹¹ 2 establishments. ¹² 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	6,311	1,798	28	50	153	242	378	128	908	269	38	20	45	240	546	217	83	668	209	33	258
Alcona.....	1	1																			
Alger.....	13	4			4	1	2		2												
Allegan.....	54	26		1	3	5	4	7	3				1	1				2	1		
Alpena.....	19	6			1	2	1	2										3			
Antrim.....	6	1			2				1	1				2	1						
Arenac.....	6	5							1												
Baraga.....	11	1			9				1												
Barry.....	16	6			1	2		4													
Bay.....	99	41	3	3	1	9	3		11		1			3	5	4	2	7	3	3	
Benzie.....	7	4			1			2							1						
Berrien.....	167	47		2	1	2	9	6	26			3	1	8	14	9	3	18	5	2	11
Branch.....	33	12			3	2			2				1	3	3	1	1	1	1		3
Calhoun.....	129	47			2	3	1	2	20	5	1			3	15	4	1	19	1		6
Cass.....	21	8			1				4						6			1			1
Charlevoix.....	7	3							2				1		1						
Cheboygan.....	8	2			1	2	1		2												
Chippewa.....	24	10		1		5	1		2	1			1	1	1			1			1
Clare.....	8	4							2												
Clinton.....	18	11				2			3		1							1			1
Crawford.....	6	2			2				1									1			
Delta.....	47	17			11	4	2		4	1				2	2	1	1	2			
Dickinson.....	23	12			4				5	1						1					
Eaton.....	41	16		2	1	3	5		6	1				4	1		1	1			
Emmet.....	17	4			4	1			3				1	3			1	1			
Genesee.....	139	61		1	3	2	5		26	4	2			7	8	1	2	6	7		4
Gladwin.....	5	3							1									1			
Gogebic.....	35	14			14				7												
Grand Traverse.....	31	15			2	4	1		4				1	1				3			
Gratiot.....	29	14				1			3		5			1				1	2	1	
Hillsdale.....	32	10			2	1	3		4				1	1	2			2	1		5
Houghton.....	51	29			11				6	1					1	2				1	
Huron.....	32	23				2			5						1			1			
Ingham.....	129	34			1	3	4		31	4				6	15	1	2	15	9		4
Ionia.....	39	16		1	1	1	5	1	5					1	3	1		1	2		1
Iosco.....	4	2												2							
Iron.....	22	9				11			2						1			2			
Isabella.....	21	12							4	1	1										
Jackson.....	125	35			3		1	1	12	4	1	1		5	18	5	1	22	10	1	5
Kalamazoo.....	179	37		1	4	3	3	20	31	9	1			9	14	7	2	17	7	1	12
Kent.....	491	107	4	7	6	10	93	6	80	20	4	2		7	21	38	17	3	36	8	20
Keweenaw.....	2				1					1											
Lapeer.....	25	12		1		1			3	1					5	1			1		
Leelanau.....	2				1																
Lenawee.....	89	32	1	1	2	3		2	3	2		1	1		10	2	1	9	2		
Livingston.....	14	2				1			3					1	3		1	1			1

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lapeer	8	3				3			1	1											
Mackinac	8	2				5			1												
Macomb	62	20		1		3			3	3											3
Manistee	33	8			4		4	3	6	3				9	6	1		6	3	1	1
Marquette	46	20			1	13			5	2				2				2			1
Mason	27	13			1		4		3				1		1	1		3			
Mecosta	16	6				1	3		1					1	1		1	2		1	
Menominee	42	22				5	2	2	2					2	1		1	5			
Midland	14	4					1		2	1	1			3		1		1			
Missaukee	3	2							1												
Monroe	50	16				1	2	13	7					1	4		1	2	1		2
Montcalm	24	11			1	1	1		2		2			1	1			3			1
Montmorency	1	1																			
Muskegon	125	37		2	1	2	7	4	10	3	2		3	4	16	5		21	1		7
Newaygo	14	7				1	1		3									1			1
Oakland	139	36				6	3	1	22	10	1	1		6	15	3	2	17	11		5
Oceana	21	13			1	1	4		2												
Ogemaw	4	3							1												
Ontonagon	19	4				12		2	1												
Osceola	9	2				3	1		2						1						
Oscoda	1	1																			
Otsego	3	2							1												
Ottawa	129	37		1	4	3	24		11	5		1	5	3	13	3	2	12	1	1	3
Presque Isle	5	1			2	1			1												
Rosecommon	2					1			1												
Saginaw	169	57	1		4	8	6	1	19	6	1		1	9	10	3	1	18	10	2	2
St. Clair	72	22		2	1		1	3	13	6		1		1	6	3		6	1	3	3
St. Joseph	56	10		3	1		7	7	6	1					8	2	2	7			2
Sanilac	23	17							4							1			1		
Schoolcraft	16	5				7	1	2	1												
Shiawassee	47	19					5		7					3	4	2	1	5	1		
Tuscola	25	19							3						1			2			
Van Buren	54	23			1	1	5		8	1	2		1	1	3	1		3			4
Washtenaw	118	34		2		3	3	1	28	2			2	2	18	2	4	11	3		5
Wayne	2,633	554	19	15	102	23	123	39	379	163	12	9	15	103	266	132	47	364	110	13	145
Wexford	26	9		2		2	2		3					1	2	1		1	2		

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
STATE OF MICHIGAN				STATE OF MICHIGAN—Continued			
	Blended and prepared flour made from purchased flour	2		4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Cereal preparations	4	2,099		Millinery	3	56
	Chewing gum	2			Miscellaneous fabricated textile products not elsewhere classified	8	596
	Corn sirup, corn sugar, corn oil, and starch	1			Raincoats and other waterproof garments (except oiled cotton)	1	
	Cured fish	1			Suspenders, garters, and other goods made from purchased elastic material	2	
	Custom slaughtering, wholesale	1			Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Liquors, rectified or blended	2			Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Malt	2			Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Oleomargarine—not made in meat-packing establishments	1			Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	62
	Salad dressings	2			Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Sausage casings—not made in meat-packing establishments	1			Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	
	Special dairy products	2		6	Cigar boxes: wooden, part wooden	2	
2	Tobacco (chewing and smoking) and snuff	3	368		Cork products	1	
3	Artificial leather and oilcloth	1			Excelsior	2	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	44		Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	
	Cloth sponging and miscellaneous special finishing	1			Venetian blinds	7	980
	Cordage and twine	4	177		Window shades	11	189
	Cotton narrow fabrics	2		7	Die-cut paper and paperboard, and converted cardboard	6	
	Cotton thread	1			Pulp goods (pressed, molded)	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2		8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Hosiery—seamless	2			Greeting cards (except hand-painted)	4	
	Linen goods	1		9	Ammunition	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2			Colors and pigments	2	
4	Belts (apparel), regardless of material	1			Essential oils	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	183		Explosives	3	102
	Children's coats—made in inside factories or by jobbers engaging contractors	1					
	Coats, suits, and skirts (except fur coats)—made in contract factories	2					
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1					

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
STATE OF MICHIGAN—Continued				STATE OF MICHIGAN—Continued			
9	Glue and gelatin.....	2	.....	20	Artists' materials.....	1	.....
	Perfumes, cosmetics, and other toilet preparations.....	6	68		Beauty-shop and barber-shop equipment.....	2	.....
	Plastic materials.....	1	.....		Buttons.....	4	239
	Salt.....	6	1,053		Carbon paper and inked ribbons.....	2	.....
	Soybean oil, cake, and meal.....	3	43		Children's vehicles.....	2	.....
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	2	.....		Dental equipment and supplies.....	5	110
	Vegetable and animal oils, not elsewhere classified.....	1	.....		Fabricated plastic products, not elsewhere classified.....	8	672
	Writing ink.....	1	.....		Feathers, plumes, and artificial flowers.....	3	70
10	Fuel briquets.....	2	.....		Fire extinguishers, chemical.....	4	63
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	4	.....		Furs, dressed and dyed.....	2	.....
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	3	76		Lamp shades.....	2	.....
11	Tires and inner tubes.....	4	6,367		Photographic apparatus and materials and projection equipment (except lenses).....	6	234
12	Root and shoe cut stock and findings.....	2	.....		Pianos.....	3	481
	Industrial leather belting and packing leather.....	8	517		Soda fountains, beer dispensing equipment, and related products.....	4	344
	Leather gloves and mittens.....	1	.....		Surgical and medical instruments.....	2	.....
	Leather goods not elsewhere classified.....	3	32		Wool pulling.....	1	.....
	Leather: tanned, curried, and finished—contract factories.....	1	.....	DETROIT INDUSTRIAL AREA			
	Small leather goods.....	1	.....	1	Biscuit, crackers, and pretzels.....	4	323
13	Asbestos products (except steam packing and pipe and boiler covering).....	3	215		Cheese.....	1	.....
	Clay refractories, including refractory cement (clay).....	1	.....		Condensed and evaporated milk.....	1	.....
	Flat glass.....	1	.....		Creamery butter.....	5	38
	Lime.....	4	50		Custom slaughtering, wholesale.....	1	.....
	Minerals and earths, ground or otherwise treated.....	1	.....		Flour and other grain-mill products.....	2	.....
	Natural graphite, ground and refined.....	1	.....		Liquors, rectified or blended.....	2	.....
	Porcelain electrical supplies.....	1	.....		Macaroni, spaghetti, vermicelli, and noodles.....	4	.....
	Pottery products not elsewhere classified.....	3	41		Malt.....	2	.....
	Sewer pipe and kindred products.....	1	.....		Oleomargarine—not made in meat-packing establishments.....	1	.....
	Whiteware.....	1	.....		Pickled fruits and vegetables and vegetable sauces and seasonings.....	7	90
14	Blast-furnace products.....	4	870		Poultry dressing and packing, wholesale.....	1	.....
	Cast-iron pipe and fittings.....	1	.....		Preserves, jams, jellies, and fruit butters.....	2	.....
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	3	364		Salad dressings.....	1	.....
	Doors, window sash, frames, molding, and trim (made of metal).....	7	1,232		Sausage casings—not made in meat-packing establishments.....	1	.....
	Enameling, japanning, and lacquering.....	6	305		Special dairy products.....	2	.....
	Files.....	1	.....	2	Tobacco (chewing and smoking) and snuff.....	3	308
	Firearms.....	1	.....	3	Artificial leather and oilcloth.....	1	.....
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	.....		Batting, padding, and wadding; upholstery filling.....	7	.....
	Oil burners, domestic and industrial.....	2	.....		Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	.....
	Saws.....	4	45		Cloth sponging and miscellaneous special finishing.....	1	.....
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	2	.....		Cotton narrow fabrics.....	1	.....
	Steam and hot-water heating apparatus (including hot-water furnaces).....	3	357		Cotton thread.....	1	.....
	Tin cans and other tinware not elsewhere classified.....	3	262		Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	1	.....
	Vitreous-enamelled products, including kitchen, household, and hospital utensils.....	2	.....		Hosiery—seamless.....	1	.....
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	1	.....		Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	.....
	Clocks, watches, and materials and parts (except watchcases).....	2	.....	4	Belts (apparel), regardless of material.....	1	.....
	Engraving on metal (except for printing purposes).....	3	49		Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	.....
	Lapidary work.....	1	.....		Coats, suits, and skirts (except fur coats)—made in contract factories.....	1	.....
	Primary smelting and refining of nonferrous metals.....	2	.....		Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	3	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	6	102		Corsets and allied garments.....	1	.....
	Watchcases.....	1	.....		House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	5	321
16	Automotive electrical equipment.....	7	826		Men's and boys' hats and caps (except felt and straw).....	7	.....
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	2	.....		Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1	.....
	Communication equipment.....	2	.....		Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	4	.....
	Electrical measuring instruments.....	2	.....		Millinery.....	2	.....
	Insulated wire and cable.....	1	.....		Miscellaneous fabricated textile products not elsewhere classified.....	6	.....
	Wiring devices and supplies.....	2	.....		Raincoats and other waterproof garments (except oiled cotton).....	1	.....
17	Commercial laundry, dry-cleaning, and pressing machinery.....	2	.....		Suspenders, garters, and other goods made from purchased elastic material.....	1	.....
	Laundry equipment, domestic.....	3	493		Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	3	.....
	Measuring and dispensing pumps.....	1	.....		Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	1	.....
	Mining machinery and equipment.....	2	.....		Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	4	62
	Office and store machines not elsewhere classified.....	5	4,229		Work gloves and mittens: cloth, cloth and leather combined.....	6	.....
	Oil-field machinery and tools.....	1	.....	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	1	.....
	Paper-mill, pulp-mill, and paper-products machinery.....	2	.....			
	Scales and balances.....	2	.....			
	Textile machinery.....	1	.....			
	Tractors.....	1	.....			
	Vending, amusement, and other coin-operated machines.....	3	23				
19	Cars and car equipment—railroad, street, and rapid-transit.....	2	.....			
	Motorcycles, bicycles, and parts.....	2	.....			
	Transportation equipment not elsewhere classified.....	1	.....			

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.1	TITLE	Number of establishments	Wage earners	Group No.1	TITLE	Number of establishments	Wage earners
DETROIT INDUSTRIAL AREA—Continued				DETROIT INDUSTRIAL AREA—Continued			
6	Cigar boxes: wooden, part wooden.....	1		14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	2	
	Cooperage.....	4	78		Steam and hot-water heating apparatus (including hot-water furnaces).....	1	
	Cork products.....	1			Steam fittings, regardless of material.....	5	
	Office furniture.....	2			Steel works and rolling mills.....	6	
	Public-building furniture.....	1			Tin cans and other tinware not elsewhere classified.....	2	
	Venetian blinds.....	2			Vitreous-enameled products, including kitchen, household, and hospital utensils.....	1	
	Wood preserving.....	1			Wire drawn from purchased rods.....	2	
7	Die-cut paper and paperboard, and converted card-board.....	4		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	13	2,874
	Envelopes.....	4			Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	9	1,801
	Fiber cans, tubes, and similar products.....	5			Clocks, watches, and materials and parts (except watchcases).....	1	
	Pulp goods (pressed, molded).....	1			Engraving on metal (except for printing purposes).....	3	49
	Pulp mills.....	1			Jewelry (precious metals).....	9	
8	Books: publishing and printing.....	1			Lapidary work.....	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	1			Nonferrous-metal products not elsewhere classified.....	28	2,785
	Greeting cards (except hand-painted).....	3			Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	5	
9	Ammunition.....	1		16	Automotive electrical equipment.....	3	36
	Chemicals not elsewhere classified.....	17	2,581		Batteries, storage and primary (dry and wet).....	5	
	Cleaning and polishing preparations, blackings, and dressings.....	25	226		Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1	
	Colors and pigments.....	1			Communication equipment.....	2	
	Drugs and medicines (including drug grinding).....	22	1,871		Electrical products not elsewhere classified.....	8	
	Fertilizers.....	1			Insulated wire and cable.....	1	
	Glue and gelatin.....	2			Radios, radio tubes, and phonographs.....	1	
	Grease and tallow (except lubricating greases).....	4			Wiring devices and supplies.....	1	
	Lubricating oils and greases—not made in petroleum refineries.....	6	92		X-ray and therapeutic apparatus and electronic tubes.....	1	
	Perfumes, cosmetics, and other toilet preparations.....	5		17	Blowers; exhaust and ventilating fans.....	8	467
	Plastic materials.....	1			Cars and trucks, industrial.....	1	
	Printing ink.....	5			Commercial laundry, dry-cleaning, and pressing machinery.....	1	
	Soap and glycerin.....	5			Construction and similar machinery (except mining and oil-field machinery and tools).....	4	408
	Soybean oil, cake, and meal.....	1			Food-products machinery.....	1	
	Vegetable and animal oils, not elsewhere classified.....	1			Industrial machinery, not elsewhere classified.....	7	429
	Writing ink.....	1			Internal-combustion engines.....	4	529
10	Fuel briquets.....	1			Laundry equipment, domestic.....	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1			Mechanical power-transmission equipment.....	11	1,018
	Petroleum refining.....	3	260		Metalworking machinery and equipment, not elsewhere classified.....	10	481
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	3	76		Office and store machines not elsewhere classified.....	3	
11	Tires and inner tubes.....	2			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	7	1,448
12	Industrial leather belting and packing leather.....	6			Scales and balances.....	2	
	Leather goods not elsewhere classified.....	2			Special-industry machinery, not elsewhere classified.....	2	
	Saddlery, harness, and whips.....	2			Stokers, mechanical, domestic and industrial.....	1	
13	Abrasive wheels, stones, paper, cloth, and related products.....	7			Vending, amusement, and other coin-operated machines.....	3	23
	Asbestos products (except steam packing and pipe and boiler covering).....	3	215	18	Automobile trailers (for attachment to passenger cars).....	6	8
	Clay products (except pottery) not elsewhere classified.....	1		19	Aircraft and parts, including aircraft engines.....	6	778
	Clay refractories, including refractory cement (clay).....	1			Boat building and boat repairing.....	2	
	Flat glass.....	1			Cars and car equipment—railroad, street, and rapid-transit.....	2	
	Gypsum products.....	2			Shipbuilding and ship repairing.....	3	208
	Lime.....	1		20	Artists' materials.....	1	
	Mineral wool.....	3			Beauty-shop and barber-shop equipment.....	2	
	Natural graphite, ground and refined.....	1			Brooms.....	4	25
	Porcelain electrical supplies.....	1			Buttons.....	2	
	Pottery products not elsewhere classified.....	1			Carbon paper and inked ribbons.....	2	
	Sand-lime brick, block and tile.....	1			Dental equipment and supplies.....	5	119
	Steam and other packing; pipe and boiler covering.....	7			Fabricated plastic products, not elsewhere classified.....	4	527
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	4			Feathers, plumes, and artificial flowers.....	1	
14	Blast-furnace products.....	2			Fire extinguishers, chemical.....	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	12	722		Furs, dressed and dyed.....	1	
	Cast-iron pipe and fittings.....	1			Hand stamps, stencils, and brands.....	8	36
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	3	364		Lamp shades.....	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	2			Musical instruments, parts, and materials not elsewhere classified.....	4	20
	Doors, window sash, frames, molding, and trim (made of metal).....	5			Photographic apparatus and materials and projection equipment (except lenses).....	3	19
	Enameling, japanning, and lacquering.....	5			Pianos.....	1	
	Files.....	1			Professional and scientific instruments (except surgical and dental).....	3	
	Firearms.....	1			Soda fountains, beer dispensing equipment, and related products.....	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1			Sporting and athletic goods not elsewhere classified.....	1	
	Heating and cooking apparatus, except electric, not elsewhere classified.....	3	44		Surgical and medical instruments.....	1	
	Malleable-iron castings.....	2			Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	6	
	Oil burners, domestic and industrial.....	2			Wool pulling.....	1	
	Saws.....	3					

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF DETROIT				CITY OF DETROIT—Continued			
1	Biscuit, crackers, and pretzels.....	4	323	8	Books: publishing and printing.....	1	.....
	Candy and other confectionery products.....	12	.....		Books: publishing without printing.....	6	.....
	Canned and dried fruits and vegetables (including canned soups).....	2	.....		Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	1	.....
	Condensed and evaporated milk.....	1	.....		Greeting cards (except hand-painted).....	3	.....
	Creamery butter.....	2	.....		Periodicals: publishing and printing.....	7	97
	Custom slaughtering, wholesale.....	1	.....	9	Chemicals not elsewhere classified.....	8	803
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	7	.....		Cleaning and polishing preparations, blackings, and dressings.....	23	.....
	Flour and other grain-mill products.....	2	.....		Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	94
	Liquors, rectified or blended.....	2	.....		Drugs and medicines (including drug grinding).....	21	.....
	Macaroni, spaghetti, vermicelli, and noodles.....	4	.....		Fertilizers.....	1	.....
	Malt.....	2	.....		Glue and gelatin.....	2	.....
	Oleomargarine—not made in meat-packing establishments.....	1	.....		Lubricating oils and greases—not made in petroleum refineries.....	4	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	6	.....		Perfumes, cosmetics, and other toilet preparations.....	5	.....
	Poultry dressing and packing, wholesale.....	1	.....		Printing ink.....	3	.....
	Prepared feeds (including mineral) for animals and fowls.....	1	.....		Soap and glycerin.....	5	.....
	Preserves, jams, jellies, and fruit butters.....	2	.....		Writing ink.....	1	.....
	Salad dressings.....	1	.....	10	Oven coke and coke-oven byproducts.....	1	.....
	Sausage casings—not made in meat-packing establishments.....	1	.....		Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	.....
	Special dairy products.....	2	.....		Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	2	.....
	Wines.....	3	.....	11	Rubber products not elsewhere classified.....	7	.....
2	Tobacco (chewing and smoking) and snuff.....	3	308		Tires and inner tubes.....	1	.....
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	.....	12	Industrial leather belting and packing leather.....	6	.....
	Cloth sponging and miscellaneous special finishing.....	1	.....		Leather goods not elsewhere classified.....	2	.....
	Cotton narrow fabrics.....	1	.....		Saddlery, harness, and whips.....	2	.....
	Cotton thread.....	1	.....		Suitcases, brief cases, bags, trunks, and other luggage.....	3	125
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	1	.....	13	Abrasive wheels, stones, paper, cloth, and related products.....	6	192
	Hosiery—seamless.....	1	.....		Asbestos products (except steam packing and pipe and boiler covering).....	3	115
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	.....		Cement.....	1	.....
4	Belts (apparel), regardless of material.....	1	.....		Clay refractories, including refractory cement (clay)—lime.....	1	.....
	Canvas products (except bags).....	8	.....		Mineral wool.....	3	.....
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	.....		Natural graphite, ground and refined.....	1	.....
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	1	.....		Pottery products not elsewhere classified.....	1	.....
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	3	.....		Steam and other packing; pipe and boiler covering.....	6	716
	Corsets and allied garments.....	1	.....		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	4	.....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	5	321	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	1	.....
	Men's and boys' hats and caps (except felt and straw).....	7	.....		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	2	.....
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1	.....		Doors, window sash, frames, molding, and trim (made of metal).....	4	687
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	4	.....		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	5	.....
	Millinery.....	2	.....		Enameling, japanning, and lacquering.....	5	.....
	Miscellaneous fabricated textile products not elsewhere classified.....	6	.....		Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	25	856
	Raincoats and other waterproof garments (except oiled cotton).....	1	.....		Files.....	1	.....
	Suspenders, garters, and other goods made from purchased elastic material.....	1	.....		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	.....
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	3	.....		Hardware not elsewhere classified.....	8	.....
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	1	.....		Heating and cooking apparatus, except electric, not elsewhere classified.....	3	44
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	4	62		Malleable-iron castings.....	1	.....
	Work gloves and mittens: cloth, cloth and leather combined.....	5	.....		Oil burners, domestic and industrial.....	2	.....
6	Caskets, coffins, burial cases, and other morticians' goods.....	9	.....		Saws.....	3	.....
	Cigar boxes: wooden, part wooden.....	1	.....		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	2	.....
	Cooperage.....	2	.....		Steam and hot-water heating apparatus (including hot-water furnaces).....	1	.....
	Cork products.....	1	.....		Steam fittings, regardless of material.....	5	.....
	Household furniture, except upholstered.....	9	.....		Steel castings.....	3	.....
	Office furniture.....	2	.....		Steel works and rolling mills.....	1	.....
	Public-building furniture.....	1	.....		Tin cans and other tinware not elsewhere classified.....	2	.....
	Venetian blinds.....	1	.....		Vitreous-enameled products, including kitchen, household, and hospital utensils.....	1	.....
	Wood preserving.....	1	.....		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	2	.....
7	Die-cut paper and paperboard, and converted card-board.....	3	32	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	10	2,432
	Envelopes.....	4	.....		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	9	1,801
	Fiber cans, tubes, and similar products.....	5	.....		Clocks, watches, and materials and parts (except watchcases).....	1	.....
	Paper and paperboard mills.....	1	.....		Electroplating, plating, and polishing.....	22	.....
	Paperboard containers and boxes not elsewhere classified.....	10	.....		Engraving on metal (except for printing purposes).....	2	.....
	Pulp goods (pressed, molded).....	1	.....		Jewelry (precious metals).....	9	.....
	Pulp mills.....	1	.....			

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—
Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
CITY OF DETROIT—Continued				CITY OF GRAND RAPIDS—Continued			
15	Lapidary work.....	1	-----	3	Batting, padding, and wadding; upholstery filling.....	1	-----
	Lighting fixtures.....	5	-----		Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rugs.....	1	-----
	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	5	-----		Cordage and twine.....	1	-----
16	Automotive electrical equipment.....	3	36		Knitted cloth.....	1	-----
	Batteries, storage and primary (dry and wet).....	5	-----		Knitted underwear.....	2	-----
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1	-----		Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	-----
	Communication equipment.....	2	-----	4	Canvas products (except bags).....	1	-----
	Electrical products not elsewhere classified.....	7	174		Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors.....	1	-----
	Insulated wire and cable.....	1	-----		Fur coats and other fur garments, accessories, and trimmings.....	2	-----
	Radios, radio tubes, and phonographs.....	1	-----		Men's and boys' hats and caps (except felt and straw).....	1	-----
	Wiring devices and supplies.....	1	-----		Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	-----
	X-ray and therapeutic apparatus and electronic tubes.....	1	-----	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	1	-----
17	Blowers; exhaust and ventilating fans.....	6	-----	6	Excelsior.....	1	-----
	Cars and trucks, industrial.....	1	-----		Partitions, shelving, cabinet work, and office and store fixtures.....	2	-----
	Commercial laundry, dry-cleaning, and pressing machinery.....	1	-----		Public-building furniture.....	5	1, 220
	Construction and similar machinery (except mining and oil-field machinery and tools).....	4	408		Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.....	1	-----
	Elevators, escalators, and conveyors.....	9	-----		Wood preserving.....	1	-----
	Food-products machinery.....	1	-----	7	Die-cut paper and paperboard, and converted cardboard.....	1	-----
	Industrial machinery, not elsewhere classified.....	7	429		Paper and paperboard mills.....	1	-----
	Internal-combustion engines.....	4	530		Paperboard containers and boxes not elsewhere classified.....	2	-----
	Laundry equipment, domestic.....	2	-----	8	Bookbinding and related industries.....	2	-----
	Machine-shop repairs.....	21	-----		Books: publishing without printing.....	3	-----
	Machine tools.....	6	-----		Electrotyping and stereotyping, not done in printing establishments.....	1	-----
	Mechanical power-transmission equipment.....	11	1, 018		Engraving (steel, copperplate, and wood); plate printing.....	3	-----
	Metalworking machinery and equipment, not elsewhere classified.....	9	-----		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	60
	Office and store machines not elsewhere classified.....	3	-----		Machine and hand typesetting (including advertisement typesetting).....	1	-----
	Pumping equipment and air compressors.....	5	-----		Newspapers: publishing without printing.....	1	-----
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	7	1, 448		Periodicals: publishing and printing.....	3	132
	Scales and balances.....	2	-----	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	22
	Special-industry machinery, not elsewhere classified.....	2	-----		Drugs and medicines (including drug grinding).....	3	27
	Stokers, mechanical, domestic and industrial.....	1	-----		Insecticides, fungicides, and related industrial and household chemical compounds.....	4	87
	Vending, amusement, and other coin-operated machines.....	3	23		Paints, varnishes, and lacquers.....	6	125
18	Automobile trailers (for attachment to passenger cars).....	2	-----		Perfumes, cosmetics, and other toilet preparations.....	1	-----
19	Aircraft and parts, including aircraft engines.....	4	-----	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	-----
	Cars and car equipment—railroad, street, and rapid-transit.....	1	-----	11	Rubber products not elsewhere classified.....	1	-----
	Shipbuilding and ship repairing.....	2	-----	12	Footwear (except rubber).....	1	-----
20	Artists' materials.....	1	-----		Industrial leather belting and packing leather.....	1	-----
	Beauty-shop and barber-shop equipment.....	2	-----		Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	2	-----
	Brooms.....	3	-----	13	Concrete products.....	8	94
	Buttons.....	2	-----		Mirrors and other glass products made of purchased glass.....	2	-----
	Carbon paper and inked ribbons.....	1	-----		Sand-lime brick, block and tile.....	1	-----
	Dental equipment and supplies.....	5	110	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	-----
	Fabricated plastic products, not elsewhere classified.....	2	-----		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	2	-----
	Feathers, plumes, and artificial flowers.....	1	-----		Enameling, japanning, and lacquering.....	1	-----
	Fire extinguishers, chemical.....	1	-----		Forgines, iron and steel—made in plants not operated in connection with rolling mills.....	1	-----
	Furs, dressed and dyed.....	1	-----		Power boilers and associated products.....	1	-----
	Games and toys (except dolls and children's vehicles).....	9	215		Saws.....	1	-----
	Hand stamps, stencils, and brands.....	8	37		Screw-machine products and wood screws.....	1	-----
	Lamp shades.....	1	-----		Wirework not elsewhere classified.....	2	-----
	Musical instruments, parts, and materials not elsewhere classified.....	4	20	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Photographic apparatus and materials and projection equipment (except lenses).....	3	19		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1	-----
	Professional and scientific instruments (except surgical and dental).....	3	-----		Electroplating, plating, and polishing.....	3	98
	Signs, advertising displays, and advertising novelties.....	28	-----		Jewelry (precious metals).....	1	-----
	Soda fountains, beer dispensing equipment, and related products.....	2	-----		Nonferrous-metal foundries (except aluminum).....	2	-----
	Sporting and athletic goods not elsewhere classified.....	1	-----				
	Surgical and medical instruments.....	1	-----				
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	5	-----				
	Wool pulling.....	1	-----				
CITY OF GRAND RAPIDS							
1	Biscuit, crackers, and pretzels.....	4	359				
	Candy and other confectionery products.....	5	150				
	Condensed and evaporated milk.....	2	-----				
	Creamery butter.....	3	40				
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	2	-----				
	Flour and other grain-mill products.....	2	-----				
	Food preparations, not elsewhere classified.....	2	-----				
	Ice, manufactured.....	2	-----				
	Malt liquors.....	2	-----				
	Prepared feeds (including mineral) for animals and fowls.....	1	-----				
2	Cigars.....	4	162				

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF GRAND RAPIDS—Continued				CITY OF GRAND RAPIDS—Continued			
15	Nonferrous-metal products not elsewhere classified	1		17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1,500
	Sheet-metal work not specifically classified	7	59		Textile machinery	1	
16	Electrical appliances	1			Woodworking machinery	6	176
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1		19	Boat building and boat repairing	1	
	Radios, radio tubes, and phonographs	1		20	Brooms	1	
17	Blowers; exhaust and ventilating fans	1			Brushes	1	
	Cars and trucks, industrial	2			Fire extinguishers, chemical	2	
	Food-products machinery	1			Games and toys (except dolls and children's vehicles)	3	15
	Industrial machinery, not elsewhere classified	2			Hand stamps, stenels, and brands	1	
	Machine-shop repairs	2			Miscellaneous fabricated products not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	113		Models and patterns (except paper patterns)	2	
	Machine tools	1			Musical instruments, parts, and materials not elsewhere classified	1	
	Office and store machines not elsewhere classified	1			Sporting and athletic goods not elsewhere classified	2	
	Pumping equipment and air compressors	2					

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS FOR THE CITY OF FLINT: 1939

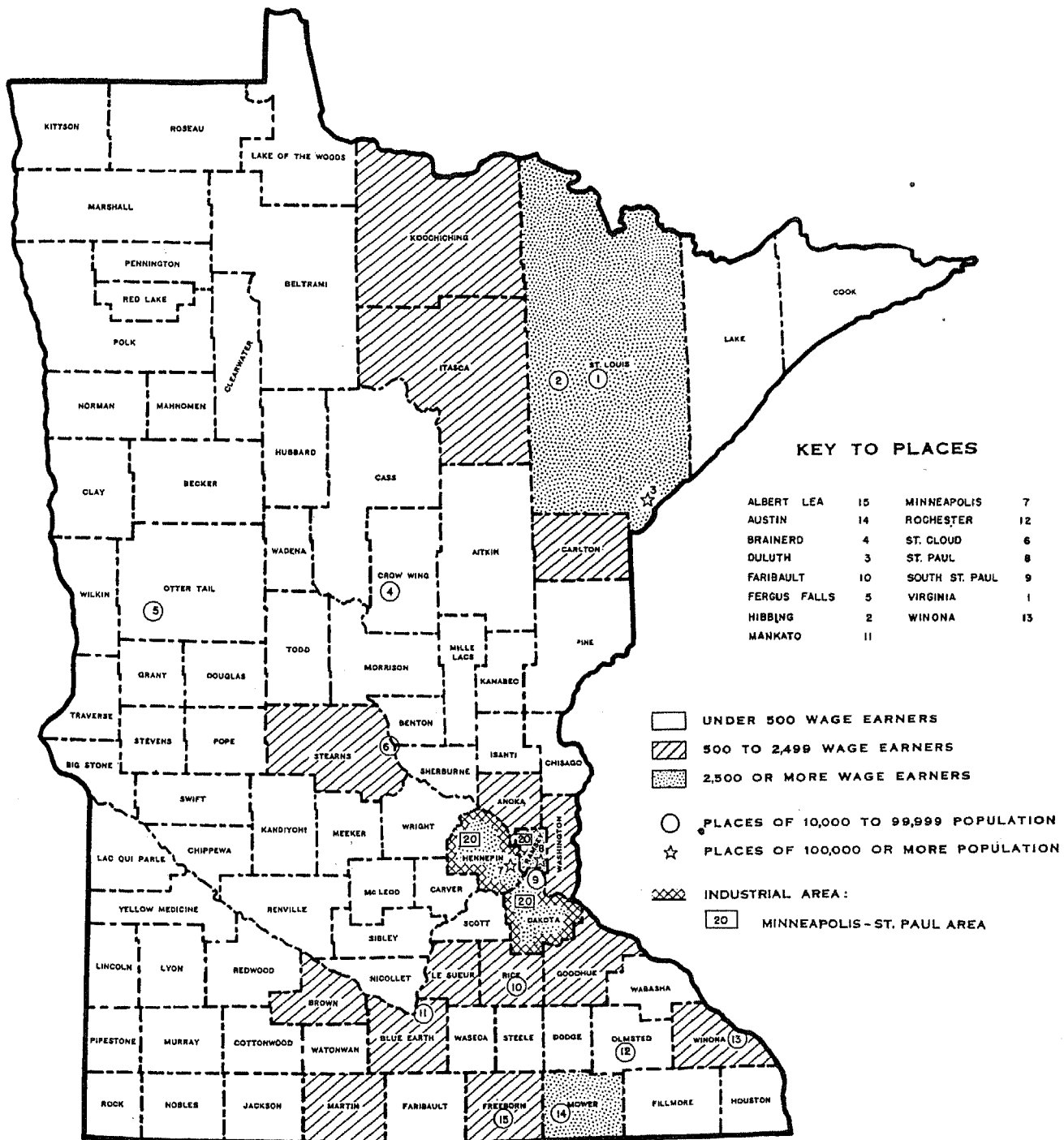
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF FLINT				CITY OF FLINT—Continued			
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	23	373	8	Photoengraving, not done in printing establishments (including preparation of plates)	1	
	Candy and other confectionery products	1				2	
	Condensed and evaporated milk	1		9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Creamery butter	2			Paints, varnishes, and lacquers	3	195
	Flour and other grain-mill products	1		10	Fuel briquets	1	
	Ice cream and ices	5	23		Oven coke and coke-oven byproducts	1	
	Ice, manufactured	4	11	13	Concrete products	1	
	Malt liquors	2			Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Meat packing, wholesale	1			Sand-lime brick, block and tile	1	
	Nonalcoholic beverages	6	41	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	3	31
	Poultry dressing and packing, wholesale	1			Gray-iron and semisteel castings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2			Stamped and pressed metal products (except automobile stampings)	1	
3	Batting, padding, and wadding; upholstery filling	1		16	Automotive electrical equipment	1	
4	Canvas products (except bags)	1			Batteries, storage and primary (dry and wet)	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1		17	Machine-shop products, not elsewhere classified	1	
	Miscellaneous fabricated textile products not elsewhere classified	1			Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
5	Planing mills not operated in conjunction with sawmills	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	31,171
6	Mattresses and bedsprings	1		20	Models and patterns (except paper patterns)	1	
	Venetian blinds	2			Signs, advertising displays, and advertising novelties	2	
	Window shades	1			Sporting and athletic goods not elsewhere classified	1	
	Wood preserving	1					
8	General commercial (job) printing	14	109				
	Machine and hand typesetting (including advertisement typesetting)	1					
	Newspapers: publishing and printing	3	121				
	Periodicals: publishing and printing	3					

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

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DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

MINNESOTA

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ⁴
1939	4,008	3,162	92,084	\$125,442,031	\$535,143,118	\$845,771,614	\$310,628,896
1937	3,718	2,085	107,349	143,315,950	624,564,846	937,402,787	312,887,951
1929	4,206	2,176	100,926	157,197,359	742,558,155	1,120,375,334	377,817,179

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ^{2,3}	Value of products ^{2,3}	Value added by manufacture ⁴
The State.....	2,792,300	4,008	79,753	\$96,886,925	\$535,143,118	\$845,771,614	\$310,628,896
Minneapolis-St. Paul Industrial Area ⁵	918,494	1,744	48,607	62,458,329	278,751,056	480,271,715	201,520,659
COUNTIES ¹							
Aitkin.....	17,865	17	105	78,875	661,189	820,486	159,297
Anoka.....	22,443	24	669	801,107	2,961,428	6,110,083	3,148,555
Becker.....	26,562	21	92	84,744	1,008,252	1,249,384	241,132
Beltrami.....	26,107	26	289	243,550	1,208,313	1,830,201	630,888
Benton.....	16,106	29	471	551,624	2,614,439	3,800,556	1,276,117
Big Stone.....	10,447	9	26	32,803	332,653	427,249	94,596
Blue Earth.....	36,203	60	536	542,902	4,620,078	7,069,077	2,448,999
Brown.....	25,544	48	713	600,620	5,267,210	7,757,083	2,489,873
Carlton.....	24,212	31	1,808	2,063,450	6,120,664	13,298,632	7,168,968
Carver.....	17,606	28	301	269,611	2,719,677	3,484,259	764,682
Cass.....	20,646	22	163	114,717	474,489	712,021	237,532
Chippewa.....	16,927	17	114	105,319	1,435,980	1,800,533	364,553
Chisago.....	13,124	28	144	145,698	2,076,106	3,424,724	449,618
Clay.....	25,337	19	134	138,703	1,970,802	2,550,077	570,275
Clearwater.....	11,153	11	49	37,890	371,325	449,670	78,345
Cook ⁷	3,030	13	228				
Cottonwood.....	16,143	15	38	35,558	333,084	423,291	89,307
Crow Wing.....	30,226	28	464	424,448	2,370,820	3,350,755	979,935
Dakota.....	39,660	26	4,493	6,498,068	80,810,878	94,870,331	14,059,453
Dodge.....	12,931	19	67	53,484	1,074,653	1,239,820	165,167
Douglas.....	20,369	29	94	93,993	1,464,809	1,779,872	315,063
Faribault.....	23,941	31	452	232,827	2,298,276	3,281,091	982,815
Fillmore.....	25,530	32	139	90,675	1,766,725	2,052,103	285,378
Freeborn.....	31,780	46	1,249	1,587,127	16,283,043	19,537,800	3,254,757
Goodhue.....	31,564	65	1,362	1,417,511	9,164,588	12,590,748	3,426,160
Grant.....	9,828	10	22	22,343	605,051	682,605	77,554
Hennepin.....	568,899	1,143	26,957	34,390,127	120,131,192	229,137,565	109,006,373
Houston.....	14,735	18	37	32,778	659,756	787,597	127,841
Hubbard.....	11,085	10	22	16,850	262,795	337,836	75,041
Isanti.....	12,950	18	74	68,554	812,588	1,033,123	220,535
Itasca.....	32,906	42	653	636,674	2,284,520	3,763,139	1,478,610
Jackson.....	16,805	17	53	49,180	591,488	723,879	132,391
Kanabec.....	9,651	10	32	30,603	640,472	632,771	92,289
Kandiyohi.....	26,524	26	120	114,178	1,192,498	1,661,992	469,494
Kittson.....	10,717	7	19	14,274	265,917	324,909	58,992
Koochiching ⁷	16,930	21	1,577				
Lac qui Parle.....	15,509	13	27	20,065	362,388	455,464	63,076
Lake.....	6,956	10	127	111,275	57,097	266,183	269,066
Lake of the Woods.....	5,975	7	16	11,205	91,145	130,331	39,186
Le Sueur.....	19,227	23	780	481,501	4,463,044	7,010,171	2,547,127
Lincoln.....	10,797	12	42	37,767	544,598	637,683	93,085
Lyon.....	21,569	21	139	114,621	1,496,774	1,921,892	425,118
McLeod.....	21,380	32	183	163,393	2,359,310	3,254,243	894,933
Mahnomen.....	8,054	6	26	21,063	320,396	607,437	60,162
Marshall.....	18,364	13	28	30,122	520,474		86,963
Martin.....	24,656	31	664	481,757	2,515,448	3,063,271	1,447,823
Meeker.....	19,277	33	167	121,201	2,042,071	2,457,029	414,958
Mille Lacs.....	15,558	17	40	45,867	962,978	1,108,236	145,258
Morrison.....	27,473	33	129	128,818	1,777,977	2,247,040	469,063
Mower ⁷	36,113	36	3,116				

See footnotes at end of table.

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TABLE 2.—SUMMARY FOR MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Con.

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
COUNTIES ⁶ —continued							
Murray.....	15,060	8	19	\$20,152	\$270,234	\$349,528	\$79,294
Nicollet.....	18,282	20	109	105,709	1,037,896	1,484,973	417,077
Nobles.....	21,215	13	200				
Norman.....	14,746	13	29	30,037	615,606	695,382	79,776
Olmsted.....	42,658	36	385	446,053	2,565,007	4,082,936	1,517,929
Otter Tail.....	53,192	45	293	264,085	3,057,608	3,887,055	829,447
Pennington.....	12,613	19	99	96,373	728,127	1,003,665	275,538
Pine.....	21,478	27	76	72,361	1,171,604	1,432,480	260,876
Pipestone.....	13,794	19	113	96,266	1,092,430	1,443,835	351,405
Polk.....	37,734	36	263	315,128	4,014,291	5,307,029	1,292,738
Pope.....	13,544	18	61	53,608	616,355	789,684	173,329
Ramsey.....	309,935	575	17,128	21,570,134	77,808,986	159,263,819	78,454,833
Red Lake.....	7,413	11	62	46,092	366,388	501,909	135,521
Redwood.....	22,200	20	58	59,869	847,459	1,066,195	218,736
Renville.....	24,625	24	62	56,873	1,019,361	1,298,612	189,251
Rice.....	32,160	47	760	660,223	5,450,346	7,780,704	2,330,358
Rock.....	10,933	8	32	32,452	564,014	694,147	130,133
Roseau.....	15,103	17	45	42,564	538,334	659,978	121,644
St. Louis.....	206,917	223	4,580	6,156,273	22,804,359	40,905,160	18,100,802
Scott.....	15,585	21	147	148,917	1,862,961	3,136,713	1,273,752
Sherburne.....	10,456	9	48	43,863	470,644	609,915	139,271
Sibley.....	16,625	17	155	68,834	1,313,263	1,665,573	352,310
Sterns.....	67,200	102	1,146	1,329,702	5,767,599	9,691,949	3,924,350
Steele.....	19,749	46	381	441,939	2,613,331	4,148,920	1,555,859
Stevens.....	11,039	12	32	25,017	334,700	432,550	97,850
Swift.....	15,469	16	110	102,210	1,965,374	2,395,575	430,201
Todd.....	27,438	25	198	177,537	1,908,481	2,312,547	404,066
Traverse.....	8,283	5	12	11,179	160,750	197,209	36,450
Wabasha.....	17,653	24	255	255,365	3,985,033	4,992,656	1,007,623
Wadena.....	12,772	22	85	66,772	1,144,262	1,391,084	246,822
Waseca.....	15,186	25	138	117,991	1,382,364	1,767,671	385,307
Washington.....	26,430	36	1,610				
Watsonwan.....	13,902	21	114	90,210	1,137,966	1,365,478	227,512
Wilkin.....	10,475	7	28	22,572	490,096	588,384	97,688
Winona.....	37,795	77	1,266	1,425,243	11,702,711	17,569,335	5,866,624
Wright.....	27,550	46	313	196,372	2,327,454	3,122,757	795,303
Yellow Medicine.....	16,917	15	49	46,841	532,500	654,452	121,952
Undistributed ⁸		119	6,731	8,791,186	76,317,448	102,697,945	26,380,497
PLACES HAVING 10,000 OR MORE INHABITANTS							
Albert Lea ⁹	12,200	19	419				
Austin ⁹	18,307	20	3,030				
Brainerd.....	12,071	18	324	383,949	2,161,589	3,060,383	907,794
Duluth.....	101,065	159	4,059	5,695,467	21,198,323	37,994,710	16,796,387
Faribault.....	14,527	29	633	508,923	3,495,688	5,162,048	1,660,360
Fergus Falls ⁹	10,848	15	168				
Hibbing.....	16,385	17	59	72,834	259,191	572,452	313,261
Mankato.....	15,654	33	487	496,921	3,734,618	6,064,342	2,329,724
Minneapolis.....	492,370	1,094	26,109	33,297,068	116,807,453	221,183,830	104,376,277
Rochester.....	26,812	21	234	297,423	1,258,339	2,276,066	1,017,727
St. Cloud.....	24,173	54	750	890,504	1,900,613	4,313,918	2,413,305
St. Paul.....	287,736	551	16,445	20,818,230	75,839,936	152,002,686	76,162,750
South St. Paul ⁹	11,844	12	3,949				
Virginia.....	12,264	16	105	114,049	415,142	856,573	441,436
Winona.....	22,490	54	1,209	1,367,409	10,811,283	16,522,691	5,711,403

¹ Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

² Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵ For numbers of establishments by "Industry groups," see table 11.

⁶ The Minneapolis-St. Paul Industrial Area comprises Dakota, Hennepin, and Ramsey counties. For statistics by industries, see table 9.

⁷ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁸ The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

⁹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	111,740	110,093	Salaried officers and employees—Continued.		
Male.....	87,402	87,720	All other employees, etc.—Continued.		
Female.....	24,338	22,373	Engaged in manufacturing:		
Salaried officers and employees, total.....	24,692	19,458	Male.....	7,220	
Male.....	18,371	13,709	Female.....	2,940	
Female.....	6,321	5,749	Engaged in distribution:		
Salaried officers of corporations, total.....	2,171	3,111	Male.....	8,198	
Male.....	2,017	2,975	Female.....	3,097	(³)
Female.....	154	136	Engaged in construction:		
All other employees (except wage earners in manufacturing), total.....	22,521	16,347	Male.....	464	
Male.....	16,354	10,734	Engaged in other work:		
Female.....	6,167	5,613	Male.....	472	
			Female.....	130	
			Wage earners engaged in manufacturing, total.....	87,048	90,635
			Male.....	69,031	74,011
			Female.....	18,017	16,624

¹ See headnote.

² Figures do not include data for 3,162 proprietors and firm members for 1939 and 2,176 for 1929, which were not reported by sex for 1939.

³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939.....	79,753	71,862	72,557	73,733	75,007	77,278	80,744	82,912	86,782	85,266	84,561	84,585	81,753
1937.....	89,425	82,892	85,451	87,911	87,778	90,674	93,603	97,105	101,226	93,174	90,807	87,674	86,901
1929.....	90,468	86,977	88,352	89,009	88,690	89,647	91,174	92,869	94,540	95,016	91,697	91,021	87,123

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ¹
	1939	1929	1939	1929	1939	1929
All establishments.....	4,008	4,200	79,753	90,468	\$845,771,514	\$310,628,896
No wage earners.....	190	153			4,752,767	2,419,552
1 to 5.....	2,287	2,413	5,682	6,175	90,604,537	21,906,634
6 to 20.....	879	923	9,506	9,998	80,373,556	39,820,430
21 to 50.....	348	378	11,091	12,165	99,140,725	38,806,595
51 to 100.....	162	166	11,237	11,807	95,700,154	40,856,178
101 to 250.....	103	118	15,370	18,271	131,217,916	55,915,169
251 to 500.....	23	36	7,959	11,471	74,025,023	39,333,782
501 to 1,000.....	9	9	7,124	6,007	91,700,435	32,885,262
1,001 or more.....	7	10	11,784	14,574	178,196,001	45,921,684

¹ See headnotes to tables 3 and 4.

¹ See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	4,008	4,206	79,753	90,468	\$845,771,514	\$1,120,375,334	\$310,628,396	\$377,817,179
\$5,000 to \$19,999.....	1,335	1,344	3,353	3,223	14,779,581	15,090,660	8,400,715	9,449,951
\$20,000 to \$49,999.....	913	834	4,612	4,310	30,163,560	27,197,396	12,962,252	14,257,368
\$50,000 to \$99,999.....	751	705	5,783	5,691	52,015,125	51,304,842	17,616,310	19,161,920
\$100,000 to \$249,999.....	574	733	10,352	10,786	88,635,636	113,155,214	31,919,048	36,903,201
\$250,000 to \$499,999.....	227	269	9,774	11,381	79,092,796	94,650,968	33,476,076	37,745,091
\$500,000 to \$999,999.....	108	143	10,353	10,994	76,775,835	96,701,792	35,897,312	40,718,179
\$1,000,000 to \$2,499,999.....	75	109	9,996	14,716	113,035,111	162,396,433	42,769,542	64,187,807
\$2,500,000 to \$4,999,999.....	28	42	8,010	10,843	192,165,664	143,254,596	45,865,737	55,971,115
\$5,000,000 and over.....	17	27	17,529	18,524	289,702,200	416,623,523	81,841,404	99,422,547

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	4,008	4,206	79,753	90,468	\$845,771,514	\$1,120,375,334	\$310,628,396	\$377,817,179
TYPE OF OPERATION								
1939³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	530	(⁴)	39,426	(⁴)	517,972,912	(⁴)	166,803,825	(⁴)
Independent (single-unit).....	1,073	(⁴)	29,238	(⁴)	216,101,191	(⁴)	112,408,647	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	111	(⁴)	695	(⁴)	6,299,052	(⁴)	2,048,267	(⁴)
Independent (single-unit).....	2,294	(⁴)	10,394	(⁴)	105,398,359	(⁴)	29,367,627	(⁴)
1939 AND 1929³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	641	353	40,121	33,962	524,271,964	576,834,631	168,852,122	157,620,395
Independent (single-unit), corporate and noncorporate.....	3,367	3,853	39,632	56,506	321,499,550	543,540,703	141,776,274	220,196,784
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	1,603	2,291	68,664	81,319	734,074,103	1,047,267,632	279,212,472	349,177,116
Noncorporate, total.....	2,405	1,915	11,089	9,149	111,697,411	73,167,702	31,415,924	28,640,063
Individual.....	1,218	(⁴)	5,615	(⁴)	33,205,975	(⁴)	14,838,480	(⁴)
Partnership.....	579	(⁴)	3,798	(⁴)	27,769,032	(⁴)	11,319,976	(⁴)
Cooperative.....	569	(⁴)	1,651	(⁴)	50,534,728	(⁴)	5,173,294	(⁴)
Other.....	9	(⁴)	25	(⁴)	187,676	(⁴)	84,174	(⁴)

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.⁴ No data.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments figures are given, however, reported larger numbers of wage earners

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distri-bution	Con-struction	Other
						Salaried employ-ees ²	Wage earners (average for year) ³			
1	All industries, total.....	4,008	3,162	104,445	2,171	10,160	79,753	11,295	464	602
2 17	Agricultural machinery (except tractors).....	15	5	789	12	99	651	21	6	
3 15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	3	1	22	2		20			
4 6	Baskets for fruits and vegetables.....	3	2	21		1	20			
5 16	Batteries, storage and primary (dry and wet).....	7	3	320	4	24	272	20		
6 3	Batting, padding, and wadding; upholstery filling.....	3	1	84	2	9	72	1		
7 20	Beauty-shop and barber-shop equipment.....	7		189	15	23	109	42		
8 1	Biscuit, crackers, and pretzels.....	11	10	578	4	15	422	134		3
9 19	Boat building and boat repairing.....	10	13	49	1	1	47			
10 14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	1	189	5	34	147	3		
11 8	Bookbinding and related industries.....	18	11	314	18	51	205	40		
12 8	Books: printing without publishing.....	12	8	295	10	31	230	24		
13 8	Books: publishing without printing.....	11	9	94	3	66		25		
14 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	443	495	4,394	48	230	3,510	532	17	57
15 13	Brick and hollow structural tile.....	8	4	231	8	12	199	12		
16 20	Brooms.....	10	15	64	7	2	51	4		
17 1	Candy and other confectionery products.....	34	18	701	22	31	543	102		3
18 1	Canned and dried fruits and vegetables (including canned soups).....	25	1	2,277	17	99	2,136	16	4	5
19 4	Canvas products (except bags).....	4	2	81	5	6	47	23		
20 3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	3	2	254	2	28	201	23		
21 6	Caskets, coffins, burial cases, and other morticians' goods.....	11	5	235	13	24	148	50		
22 1	Cereal preparations.....	7	2	422	7	38	308	66	3	
23 1	Cheese.....	50	54	142	1	16	91	33		1
24 9	Chemicals not elsewhere classified.....	4	3	72	4	8	42	18		
25 9	Cleaning and polishing preparations, blackings, and dressings.....	12	8	78	6	5	20	47		
26 4	Clothing, leather and sheep-lined.....	4	4	516	3	19	481	12	1	
27 4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	4	5	187	5	6	164	12		
28 17	Commercial laundry, dry-cleaning, and pressing machinery.....	5	1	41	3	5	27	6		
29 16	Communication equipment.....	5	2	218	6	12	104	96		
30 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	11		154	1	18	81	54		
31 13	Concrete products.....	86	71	747	33	47	573	77	16	1
32 1	Condensed and evaporated milk.....	21	3	337	8	47	271	11		
33 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	9	3	855	14	181	592	68		
34 6	Croquerage.....	7		115	3	9	98	5		
35 1	Creamery butter.....	820	764	3,420	47	684	2,389	259	14	27
36 20	Dental equipment and supplies.....	4		57	5	7	20	25		
37 9	Drugs and medicines (including drug grinding).....	26	8	750	39	47	314	337	13	
38 16	Electrical products not elsewhere classified.....	3	3	20	1	5	14			
39 15	Electroplating, plating, and polishing.....	11	13	105	2	6	94	3		
40 8	Electrotyping and stereotyping, not done in printing establishments.....	5	1	67	8	5	48	6		
41 17	Elevators, escalators, and conveyors.....	5	9	322	5	18	230	69		
42 8	Engraving (steel, copperplate, and wood); plate printing.....	9	10	42	1	6	34	1		
43 7	Envelopes.....	9	3	297	7	17	223	50		
44 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	20	7	895	36	80	703	74	2	
45 1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	11	7	121	9	12	67	33		
46 1	Flour and other grain-mill products.....	62	34	2,943	44	303	2,228	282	17	69
47 1	Food preparations, not elsewhere classified.....	29	35	318	16	15	213	64	8	2
48 17	Food-products machinery.....	21	5	671	33	39	419	179		1
49 12	Footwear (except rubber).....	6		843	17	69	716	41		
50 4	Fur coats and other fur garments, accessories, and trimmings.....	13	9	219	13	19	179	8		
51 8	General commercial (job) printing.....	205	179	2,616	152	279	1,888	297		
52 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	20	17	550	33	108	341	68		
53 14	Gray-iron and sand-cast castings.....	25	18	753	23	48	669	11	2	
54 9	Grease and tallow (except lubricating greases).....	10	7	71	9	9	46	7		
55 20	Hand stamps, stencils, and brands.....	7	6	60	1	11	42	6		
56 14	Hardware not elsewhere classified.....	5	3	124	4	8	105	7		
57 14	Heating and cooking apparatus, except electric, not elsewhere classified.....	3		27		2	25			
58 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	9	8	510	5	30	401	73		1
59 4	House furnishings (except curtains, draperies, and bedspreads).....	6	7	125	3	3	106	12		2
60 6	Household furniture, except upholstered.....	22	15	352	15	24	298	7		8
61 1	Ice cream and ices.....	56	28	762	41	75	327	293	8	18
62 1	Ice, manufactured.....									
63 12	Industrial leather belting and packing leather.....	11	8	107	5	16	69	17		
64 17	Industrial machinery, not elsewhere classified.....	3	1	62	5	3	43	11		
65 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	15	7	448	22	27	280	115		4
66 17	Internal-combustion engines.....	14	7	128	10	22	65	31		
		3		349	6	80	240	22	1	

See footnotes at end of table.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
146,826,234	10,582,318	17,972,788	96,886,925	18,833,613	500,979	953,611	535,143,118	516,045,238	10,525,802	5,637,310	2,934,708	845,771,514	310,628,306
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22,351	3,015	900	19,336	---	---	---	51,246	49,269	1,388	489	---	75,016	23,770
8,054	---	---	7,094	---	---	---	13,202	12,322	755	135	---	29,282	16,080
456,043	21,500	38,019	365,372	31,152	---	---	1,471,044	1,413,625	13,695	43,724	---	2,248,045	777,001
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
282,819	65,630	53,042	90,544	73,003	---	---	477,103	459,656	1,345	3,962	12,140	1,215,082	738,879
776,044	13,880	47,016	468,185	243,908	---	3,655	1,300,272	1,251,504	41,674	7,094	---	3,372,453	2,072,181
41,891	1,950	38,491	---	---	---	---	60,957	57,027	1,293	2,037	600	143,439	82,482
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
477,977	70,433	55,480	203,860	88,198	---	---	335,409	323,736	2,510	7,853	1,310	1,235,905	900,406
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
411,030	23,802	53,614	265,183	68,371	---	---	330,666	267,397	4,889	10,407	47,973	935,459	604,793
134,698	15,313	83,263	36,122	36,122	---	---	114,978	24,283	---	122	90,573	384,305	269,327
5,680,010	212,209	300,629	4,444,151	442,068	31,503	52,400	10,182,245	9,578,823	373,753	229,669	---	21,349,382	11,167,137
280,767	21,678	20,270	225,833	12,986	---	---	183,040	65,422	101,751	15,867	---	633,598	450,858
72,568	13,200	2,225	54,208	2,815	---	---	94,192	92,326	590	1,276	---	184,977	90,785
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
687,248	73,450	45,680	446,230	118,904	---	2,966	1,935,372	1,893,666	21,599	20,107	---	3,366,217	1,430,845
1,357,513	48,877	195,977	1,070,559	27,670	8,988	5,342	4,857,875	4,732,268	59,608	65,999	---	9,425,657	4,507,782
104,067	20,066	9,994	49,641	24,306	---	---	144,227	141,305	1,588	1,190	135	293,349	149,122
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
251,593	11,400	43,603	167,434	29,156	---	---	217,511	193,806	9,919	13,786	---	680,753	472,242
375,503	55,802	44,677	171,487	103,637	---	---	488,117	479,156	6,419	2,451	91	1,097,602	609,545
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
690,885	112,169	77,897	864,059	131,076	5,684	---	2,223,818	2,155,182	33,213	35,453	---	6,559,019	4,335,201
149,015	2,483	10,052	89,515	31,350	---	615	1,437,497	1,402,836	26,120	8,541	---	1,769,694	332,197
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
64,824	12,440	4,440	19,626	28,318	---	---	164,446	162,455	550	1,441	---	324,281	159,835
516,132	11,170	32,727	454,796	16,295	1,144	---	1,139,594	1,122,760	8,602	8,232	---	1,912,069	772,505
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
245,047	30,502	14,140	169,677	30,638	---	---	405,144	401,745	13	3,386	---	734,036	328,892
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
356,354	33,880	23,876	110,069	178,929	---	---	223,715	218,098	2,512	3,105	---	905,147	681,432
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
294,061	14,800	45,026	118,587	115,378	---	---	412,275	335,019	13,712	63,544	---	1,198,723	780,448
849,561	116,646	65,031	574,846	86,542	5,081	815	1,874,961	1,776,873	44,062	36,922	17,074	3,822,708	1,947,747
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
443,006	18,227	73,647	334,484	15,546	1,102	---	2,847,267	2,612,562	196,401	38,304	---	3,838,854	991,587
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
1,452,602	87,723	329,114	871,009	164,756	---	---	2,905,252	1,921,541	40,139	43,572	---	4,166,550	2,161,298
135,427	9,328	15,173	100,550	10,370	---	---	507,228	494,868	4,494	7,866	---	744,173	236,945
3,896,500	169,416	741,079	2,661,953	296,598	12,808	10,636	69,353,113	68,198,844	700,448	451,258	2,563	78,029,290	8,676,177
132,237	39,354	12,291	33,732	46,860	---	---	951,393	947,476	1,894	2,023	---	1,310,949	356,556
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
1,164,218	248,808	78,062	321,684	478,394	37,210	---	2,009,426	1,977,612	18,216	12,998	600	5,166,054	3,156,628
20,076	2,460	6,208	11,418	---	---	---	12,455	11,824	346	285	---	38,784	26,329
135,676	11,400	10,918	112,336	922	---	---	73,780	7,669	14,273	333	---	222,842	38
149,681	29,850	11,812	98,060	10,010	---	---	37,663	28,484	2,048	5,939	1,362	274,707	236,844
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
49,412	3,000	8,538	37,228	646	---	---	71,939	64,854	315	1,294	5,473	178,296	106,357
437,627	36,517	35,026	245,011	121,073	---	---	613,122	597,933	4,424	10,765	---	1,294,477	681,355
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
1,360,035	150,666	162,721	886,672	150,410	3,566	---	2,061,589	1,958,154	40,072	24,635	38,728	4,069,593	2,008,004
182,367	42,885	18,405	70,316	50,761	---	---	650,677	638,338	8,201	4,138	---	1,158,507	507,830
4,592,407	259,040	625,823	3,120,657	440,325	30,292	98,330	53,835,109	52,947,936	312,652	507,987	66,534	67,437,432	13,602,323
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
358,584	67,883	30,904	161,413	95,731	---	2,653	1,703,175	1,671,927	19,788	9,141	2,319	2,368,293	665,118
978,462	145,625	72,763	521,782	237,332	---	960	937,981	892,141	17,852	24,358	3,630	2,581,649	1,643,668
765,370	70,360	83,590	549,530	51,890	---	---	1,359,035	1,339,439	5,514	14,082	---	2,915,967	1,556,932
287,924	29,880	37,063	208,946	12,035	---	---	664,518	657,183	1,719	4,122	1,494	1,172,731	508,213
4,153,297	575,345	478,213	2,540,002	561,737	---	---	3,658,519	3,219,388	31,017	96,799	311,315	9,991,719	6,333,200
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
902,785	130,386	213,791	525,959	92,649	---	---	1,554,908	1,522,929	9,770	22,169	40	3,107,588	1,552,680
994,628	35,894	87,869	838,881	19,548	2,436	---	778,289	617,688	122,207	36,056	2,339	2,472,870	1,694,581
115,973	47,320	11,003	48,504	9,146	---	---	131,449	133,166	17,365	10,918	---	458,501	297,052
62,006	4,000	18,031	33,467	7,108	---	---	53,822	49,649	823	2,586	764	191,271	137,449
155,453	14,106	9,704	115,248	10,395	---	---	283,163	274,186	1,641	6,195	1,141	561,907	273,744
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
126,373	20,400	5,462	84,578	12,809	---	3,124	320,045	317,889	304	1,852	---	594,351	274,308
396,572	33,350	35,024	310,343	9,119	---	8,737	375,601	350,675	12,577	12,069	280	953,607	578,066
1,308,855	202,466	113,345	398,697	545,921	15,602	27,764	3,166,549	2,977,978	58,412	130,159	---	6,081,768	2,915,219
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
149,070	20,950	30,141	82,539	15,440	---	---	116,402	16,447	10,814	89,141	---	619,321	502,919
741,656	95,010	51,226	363,014	227,088	---	5,318	745,369	712,436	16,415	15,049	2,469	1,827,418	1,082,049
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)
218,390	52,236	39,059	75,017	52,078	---	---	785,092	771,677	3,729	9,686	---	1,245,048	459,956
(1)	(1)	(1)	(1)	(1)	---	---	(1)	(1)	(1)	(1)	---	(1)	(1)

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS 1						
				Total 2	Salaried officers of corporations 2	Manufacturing		Distribution	Construction	Other
						Salaried employees 2	Wage earners (average for year) 3			
15	Jewelry (precious metals)	10	9	351	14	7	227	98	2	3
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	6	8	235	3	19	186	27		
16	Lighting fixtures	3	2	21	4	4	10	3		
9	Linseed oil, cake, and meal	5		411		32	379			
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	5	1,283	11	98	1,144	23		7
5	Logging camps and logging contractors (not operating sawmills)	24	24	812	4	29	777	2		
5	Lubricating oils and greases—not made in petroleum refineries	13	7	113	10	11	48	42		2
1	Macaroni, spaghetti, vermicelli, and noodles	5	1	165	6	13	101	43		2
8	Machine and hand typesetting (including advertisement typesetting)	13	16	137	5	10	113	9		
17	Machine-shop products not elsewhere classified	33	25	579	22	43	434	79		1
17	Machine-shop repairs	21	16	144	17	8	112	5		2
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	13	14	92	4	4	82	1		1
1	Malt	8		297	1	40	229	8	19	
1	Malt liquors	21		2,463	39	108	1,654	564	11	87
6	Mattresses and bedsprings	9	12	534	13	28	423	70		
1	Meat packing, wholesale	11	4	10,600	8	890	8,801	824	41	36
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	8	12	106		4	98	2		2
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	10	10	413	10	21	356	26		
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	41	1	1	33	6		
17	Metalworking machinery and equipment, not elsewhere classified	6	1	387	8	19	260	90	1	
4	Millinery	4	3	63	4	2	45	12		
13	Mirrors and other glass products made of purchased glass	6	6	18			18			
20	Miscellaneous fabricated products not elsewhere classified	5	3	104	9	8	70	17		
4	Miscellaneous fabricated textile products not elsewhere classified	6	5	38	3	2	28	5		
20	Models and patterns (except paper patterns)	7	8	33	1	4	28			
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	47	38	1,384	46	105	1,050	151	19	7
8	Newspapers: publishing and printing	273	278	4,853	111	1,395	2,431	915	1	
8	Newspapers: publishing without printing	6	4	22	1	12	3	6		
15	Nonalcoholic beverages	91	92	943	53	64	389	430	1	6
15	Nonferrous-metal foundries (except aluminum)	6	4	95	7	5	81			2
15	Nonferrous-metal products not elsewhere classified	6	4	122	5	11	90	12		4
6	Office furniture	3	1	41	1	2	35	3		
14	Oil burners, domestic and industrial	6	5	59	4	9	28	18		
10	Oven coke and coke-oven byproducts	5		492	4	71	359	53	5	
9	Paints, varnishes, and lacquers	23	14	504	21	79	250	151		3
7	Paper and paperboard mills	9		2,326	13	219	1,966	103	25	
7	Paperboard containers and boxes not elsewhere classified	15	4	462	25	27	361	49		
17	Paper-mill, pulp-mill, and paper-products machinery	3	5	100	2	11	79	8		
6	Partitions, shelving, cabinet work, and office and store fixtures	16	13	316	10	21	258	21	2	4
9	Perfumes, cosmetics, and other toilet preparations	13	9	176	12	14	112	38		
8	Periodicals: publishing and printing	19	6	953	23	168	661	101		
8	Periodicals: publishing without printing	51	19	280	38	174	13	55		
8	Photoengraving, not done in printing establishments (including preparation of plates)	14	4	258	27	23	104	44		
1	Pickled fruits and vegetables and vegetable sauces and seasonings	7	4	181	7	15	115	42		2
5	Planing mills not operated in conjunction with sawmills	59	28	1,933	50	103	1,573	138	8	6
1	Poultry dressing and packing, wholesale	61	35	1,750	14	166	1,510	68	1	
14	Power boilers and associated products	5	4	399	7	40	297	48	3	4
1	Prepared feeds (including mineral) for animals and fowls	37	22	382	23	42	238	76		3
1	Preserves, jams, jellies, and fruit butters	4	1	81	1	5	75			
17	Printing-trades machinery and equipment	8	5	201	6	32	115	47		1
7	Pulp mills	7		1,068	1	71	984		12	
17	Pumping equipment and air compressors	6		696	15	32	605	43		1
16	Radios, radio tubes, and phonographs	4		139	7	8	107	17		
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	13	6	1,970	25	107	1,744	94		
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		229	1	19	192	17		
12	Saddlery, harness, and whips	6	4	48		3	44	1		
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	27	26	367	11	21	220	115		
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	77	72	1,315	14	52	1,204	42	3	
14	Screw-machine products and wood screws	3	1	44	4	4	36			
15	Sheet-metal work not specifically classified	38	24	753	34	53	551	114		1
19	Shipbuilding and ship repairing	4	1	92	1	13	78			
20	Signs, advertising displays, and advertising novelties	36	26	570	25	29	430	86		
9	Soap and glycerin	9	4	112	14	13	36	49		
20	Sporting and athletic goods not elsewhere classified	12	13	293	13	14	237	28	1	
14	Stamped and pressed metal products (except automobile stampings)	9	4	261	13	39	204	3		2

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manufacture ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work				
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars			
622,090	106,898	22,807	353,687	133,453	2,830	2,415	715,711	705,051	1,147	7,250	2,263	1,888,740	1,173,029		
178,358	4,128	24,166	121,575	28,489			363,590	355,215	2,984	5,301		677,539	313,949		
34,279	12,700	5,692	12,673	3,214			40,212	25,831		620	13,761	116,286	76,074		
672,340		71,982	600,364				8,275,029	8,083,949	76,742	114,335		10,383,567	2,108,538		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
630,516	11,500	49,706	565,360	1,320	500	2,130	568,540	313,590	3,500		251,450	1,690,657	1,122,117		
196,549	53,550	16,740	57,574	66,285		2,400	901,056	888,481	7,350	5,225		1,342,445	441,389		
225,576	29,839	31,379	94,725	68,073		1,500	467,313	395,495	5,505	15,460	50,853	904,720	437,407		
217,137	12,445	13,344	174,714	16,634			62,904	48,931	2,638	5,293	6,042	444,549	381,645		
838,317	77,217	76,212	580,069	103,520		1,300	744,616	684,701	20,789	38,570	466	2,324,605	1,579,989		
184,636	39,170	9,531	126,643	7,321		1,971	107,514	95,340	4,792	7,382		423,178	315,664		
124,944	10,688	3,548	109,831	904		73	62,381	54,464	2,378	4,460	1,079	271,296	208,915		
409,304	7,250	97,263	378,820	14,311	1,600		6,029,428	5,646,546	226,039	156,843		9,071,682	3,042,254		
4,058,844	153,811	234,663	2,354,340	1,123,449	15,163	177,512	6,191,117	5,810,438	331,522	46,381	2,776	23,364,854	17,173,737		
780,513	81,718	48,455	616,384	133,956			1,522,786	1,492,859	10,725	19,202		2,726,953	1,204,167		
16,540,714	83,660	1,831,716	12,983,321	1,484,566	73,576	83,845	162,657,564	161,518,632	887,109	249,686	2,137	198,124,044	35,466,480		
94,522		5,588	85,767	2,801		416	46,301	31,627	1,049	1,662	11,963	191,286	144,985		
506,609	30,650	31,882	366,869	71,298			958,347	946,147	1,890	6,219	4,091	1,735,158	776,811		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
653,787	124,190	31,481	360,184	135,914	2,018		716,467	705,279	3,886	7,292		2,013,772	1,297,315		
55,358	9,851	8,077	31,319	6,111			56,852	55,312	709	831		138,818	81,966		
23,817			23,817				29,309	27,478	923	547	361	82,802	53,493		
157,200	36,664	11,598	79,708	29,230			203,890	200,361	1,890	1,699		462,131	258,241		
46,020	6,500	1,232	23,387	14,001			203,378	163,055	393	460	39,470	323,294	119,916		
46,448	500	4,762	41,186				15,477	13,609	558	1,310		83,502	83,502		
1,813,543	164,594	184,776	1,223,637	205,049	26,058	9,429	1,603,585	1,328,039	29,103	232,875	18,568	4,966,007	3,357,422		
7,493,282	533,534	2,081,544	3,632,622	1,244,552	1,030		4,907,281	4,449,957	84,447	166,916	205,061	18,336,004	13,429,323		
23,657	1,820	11,643	3,926	6,268			32,698	1,454	186	245	30,723	121,766	89,158		
1,295,046	169,451	90,964	404,048	618,615	1,716	10,252	2,576,985	2,490,852	41,819	44,314		5,404,559	2,827,574		
155,547	33,452	10,619	110,314			1,162	351,019	329,063	15,375	5,769	822	627,800	270,781		
229,702	44,543	29,183	110,812	38,960	6,195		498,151	478,628	10,708	6,642	2,173	908,452	410,301		
47,000	3,000	4,160	36,791	3,049			76,330	74,850	282	1,198		140,611	64,281		
76,785	13,228	9,303	36,329	17,925			108,261	99,964	1,897	2,129	4,331	268,067	169,806		
813,406	39,106	152,877	555,734	57,699	7,990		4,362,581	4,076,467	226,775	59,339		5,789,341	1,426,760		
871,982	101,331	157,716	349,903	250,572	3,460		2,361,349	2,313,288	29,615	18,446		4,315,550	1,954,201		
3,827,829	158,775	470,621	2,846,793	332,037	19,603		10,596,027	9,349,117	1,105,697	150,213		18,518,252	7,922,225		
604,967	142,064	49,829	323,244	89,830			976,975	952,551	11,157	12,084	1,183	1,890,236	913,251		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
524,936	55,860	37,570	383,368	39,406	2,734	6,000	474,824	450,808	13,934	9,670	412	1,140,048	665,224		
210,856	57,638	21,435	80,446	51,337			319,913	314,651	2,698	2,564		746,588	426,675		
1,591,616	136,752	306,460	928,698	219,706			1,093,007	927,889	18,686	31,137	115,295	3,628,094	2,535,087		
481,466	159,105	229,465	16,523	76,373			927,466	38,092	323	800	888,251	2,482,287	1,554,821		
631,412	114,180	35,100	382,081	100,051			146,793	120,681	3,033	9,689	13,390	996,934	850,141		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
2,063,872	219,214	281,224	1,910,419	240,067	6,188	6,770	3,846,167	3,751,127	27,429	67,611		7,887,828	4,041,061		
1,253,875	38,815	213,426	906,314	83,392	1,162	10,766	13,116,930	12,997,408	49,022	70,500		15,479,986	2,363,056		
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
546,390	100,976	67,781	266,508	109,685		1,440	3,620,805	3,545,160	31,514	44,131		5,185,190	1,564,385		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
(³)	(³)	(³)	(³)	(³)		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		
1,303,779	12,540	172,374	1,110,828		8,037		2,953,303	2,283,594	566,738	102,971		5,816,142	2,862,839		
1,273,140	91,949	54,394	1,044,124	81,539		1,134	1,474,900	1,423,559	6,970	30,582	13,789	3,825,642	2,350,742		
136,420	18,977	13,611	79,619	24,213			360,769	342,611	2,237	3,921	12,000	589,286	228,517		
2,101,548	224,494	137,012	1,575,500	164,452			5,767,905	5,592,962	58,123	116,237	583	10,195,259	4,427,354		
350,199	11,750	42,263	240,636	64,550			1,837,029	1,761,463	52,691	22,875		2,745,419	908,390		
55,050		6,131	48,467	452			200,486	196,298	1,359	2,829		300,360	99,820		
616,687	50,112	37,872	316,854	211,849			3,104,333	3,029,681	28,676	35,138	10,838	4,180,315	1,075,982		
671,222	30,381	70,773	836,768	23,002	1,208		1,544,027	1,323,702	23,183	168,180	28,962	2,974,188	1,430,161		
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)	(³)	(³)	(³)		
1,179,040	124,651	106,590	775,935	170,720		1,144	2,094,822	2,036,198	21,361	35,300	1,963	4,167,622	2,073,100		
164,927	3,600	17,211	144,116				127,788	120,824	1,332	4,834	798	305,856	178,068		
757,580	96,199	44,114	461,223	156,044			795,925	749,721	8,014	15,658	22,532	2,144,038	1,348,113		
222,267	74,368	18,382	48,082	81,435			451,231	440,710	6,451	4,070		945,447	494,216		
362,569	53,108	23,118	238,279	47,064	1,000		540,848	523,449	6,439	9,189	1,771	1,109,418	598,570		
395,340	79,216	71,102	239,250	4,560		1,152	243,205	204,901	3,513	7,783	27,008	858,692	615,487		

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR

Group No.		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
					Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
							Salaried employees ²	Wage earners (average for year) ³			
1	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	11	4	664	14	70	456	124		
2	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	12	12	118	7	14	63	34		
3	4	Textile bags—not made in textile mills.....	3		434		31	376	27		
4	14	Tin cans and other tinware not elsewhere classified.....	5	1	408	4	65	310	15	14	
5	14	Tools (except edge tools, machine tools, files, and saws).....	10	5	302	14	28	232	28		
6	17	Tractors.....	3		1,324	3	176	1,111	16	18	
7	4	Trousers (semidress), wash suits, and washable service apparel.....	3	2	160	2	10	175	3		
8	6	Upholstered household furniture.....	11	7	563	14	27	462	60		
9	6	Venetian blinds.....	4	5	45			40	5		
10	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	3		834	3	79	752			
11	6	Window and door screens and weather strip.....	3	2	191	5	10	174	2		
12	6	Window shades.....	7	9	43	2	1	31	9		
13	14	Wirework not elsewhere classified.....	13	12	197	11	22	148	15		1
14	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	3	3	20			19	1		
15	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	5	3	139	4	5	109	20		1
16	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	14	9	609	21	47	477	63	1	
17	6	Wooden boxes except cigar boxes.....	14	12	265	5	18	235	5		2
18	6	Wood preserving.....	12	2	532	11	41	470	10		
19	6	Wood products not elsewhere classified.....	4		378	6	17	335	20		
20	17	Woodworking machinery.....	3		73	8	11	51	3		
21	3	Wooden and worsted manufactures—regular factories or jobbers engaging contractors.....	4	3	439	9	40	361	27	2	
22	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	22	14	1,235	21	66	1,037	108		3
23	4	Work gloves and mittens: cloth, cloth and leather combined.....	3	1	194	2	10	177	5		
24		Other industries ⁴	326	167	25,059	330	2,243	20,002	2,054	211	219
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴											
25	1	Food and kindred products.....	25	9	758	15	76	581	69		17
26	3	Textile-mill products and other fiber manufactures.....	18	9	3,445	39	244	2,766	385	11	
27	4	Apparel and other finished products made from fabrics and similar materials.....	36	34	1,493	20	79	1,246	145		3
28	6	Furniture and finished lumber products.....	15	4	920	13	56	823	25	1	2
29	7	Paper and allied products.....	5		393	8	21	319	45		
30	8	Printing, publishing, and allied industries.....	14	7	2,524	28	307	1,725	367		7
31	9	Chemicals and allied products.....	18	6	624	13	67	502	41		1
32	10	Products of petroleum and coal.....	6	3	53	3	4	36	3	7	
33	12	Leather and leather products.....	8	3	435	13	10	389	23		
34	13	Stone, clay, and glass products.....	20	2	3,176	20	230	2,399	239	136	146
35	14	Iron and steel and their products, except machinery.....	40	14	4,780	45	418	4,140	118	23	36
36	16	Electrical machinery.....	5	5	45		4	35	6		
37	17	Machinery (except electrical).....	57	33	3,712	63	470	2,837	302	25	6
38	19	Transportation equipment except automobiles.....	6	1	308	2	21	280	5		
39	20	Miscellaneous industries.....	14	8	553	18	23	410	101	1	
40	2	Tobacco manufactures.....	5	1	67	2	4	48	12		1
41	11	Rubber products.....	4	1	311	4	18	266	16	7	
42	15	Nonferrous metals and their products.....	3	1	42	4	6	31	1		
43	18	Automobiles and automobile equipment.....	27	26	1,420	14	86	1,169	151		

¹As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

²See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

³Figures do not include data for personnel of central-administrative offices.

⁴Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
940,680	70,138	112,557	557,804	200,681			1,267,777	1,219,954	19,735	28,088		2,523,340	1,255,563	1
140,224	17,166	19,602	74,635	28,821			76,081	71,280	1,112	2,545	1,144	328,451	252,370	2
518,620	(¹)	48,298	404,629	65,693	(¹)		4,155,859	4,134,730	12,586	8,573		5,113,810	957,921	3
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	4
410,878	60,410	45,089	250,487	45,292			357,581	313,631	15,764	23,974	4,212	1,109,647	752,066	5
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	6
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	7
803,474	60,661	50,300	587,817	104,687			1,023,617	1,004,427	4,899	14,291		2,022,712	999,095	8
46,072			40,706	5,366			107,249	106,644	50	555		223,602	116,413	9
(¹)	(¹)	(¹)	(¹)				(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	10
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	11
49,548	4,080	1,004	33,541	10,923			72,561	70,073	1,410	1,378		140,654	76,793	12
297,772	46,711	41,079	180,740	29,002		240	445,229	427,259	4,976	12,904		957,530	512,301	13
11,057			10,857	230			12,603	12,442		251		34,233	21,540	14
144,547	20,600	13,898	86,078	23,623		348	291,688	289,402	400	1,586		510,972	219,284	15
608,265	82,922	57,908	385,706	81,281	448		771,938	716,780	559	6,931	47,668	1,981,708	1,209,770	16
226,353	14,500	24,094	181,563	5,598		598	735,422	720,520	1,123	13,779		1,219,847	484,425	17
730,757	60,620	89,476	564,156	16,505			4,174,935	4,089,803	68,533	16,599		5,966,294	1,821,359	18
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	19
110,959	25,400	20,158	62,691	2,710			119,691	114,552	1,972	3,167		323,016	208,325	20
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	21
1,245,047	89,025	89,595	899,059	162,948		4,420	2,251,221	2,219,103	9,344	17,623	5,151	4,154,162	1,902,941	22
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	23
36,708,925	2,206,904	4,643,751	25,025,821	4,097,563	258,832	386,054	73,007,810	67,574,140	3,860,235	1,096,217	477,218	152,274,146	79,266,336	24
896,229	67,691	116,990	593,270	86,338		31,940	4,234,512	3,964,084	256,183	14,245		6,168,336	1,933,826	25
4,248,666	267,683	467,508	2,821,146	674,599	24,730		5,489,871	5,346,054	87,185	56,573	59	11,917,789	6,427,918	26
1,303,087	91,170	112,576	863,641	233,018		2,682	2,121,770	2,096,164	10,398	15,208		4,134,967	2,013,197	27
1,120,804	95,020	114,929	870,856	38,901	758	840	1,691,096	1,625,102	28,716	27,736	9,540	3,842,899	2,151,803	28
440,739	47,542	32,741	293,564	72,892			1,232,259	1,211,526	6,129	14,604		1,982,005	749,746	29
4,589,662	313,642	735,044	2,682,283	850,675		8,018	2,895,433	2,699,769	52,046	34,065	109,553	12,605,382	9,799,949	30
375,262	59,405	128,840	616,296	64,404	4,233	2,024	2,941,094	2,813,213	77,796	48,498	1,587	5,764,032	2,822,938	31
89,468	2,015	5,150	41,164	4,405	16,074		340,331	321,712	13,378	5,241		416,273	75,042	32
581,222	64,091	28,880	444,858	43,893			1,520,908	1,469,914	25,615	25,379		2,242,969	722,061	33
5,057,348	324,260	652,152	3,147,906	525,356	130,273	277,341	7,192,027	6,889,900	889,970	412,157		22,235,136	15,043,109	34
7,538,812	265,405	965,494	5,940,355	271,364	39,872	56,322	14,265,956	11,782,763	2,131,747	272,802	78,644	28,786,823	14,520,867	35
40,375		5,332	29,810	5,224			70,953	70,038	152	703		135,832	64,879	36
5,789,556	397,333	918,853	3,830,569	605,069	31,815	5,917	8,594,586	7,975,210	162,155	110,563	266,958	23,860,619	14,845,733	37
419,968	4,800	37,010	370,778	7,820			450,850	461,979	7,838	11,333		980,698	505,845	38
826,967	158,937	62,730	459,766	153,417	2,117		705,831	680,455	7,399	12,025	5,952	2,225,164	1,519,333	39
2,908,730	137,820	280,022	2,019,990	460,568	9,360	970	10,410,033	10,256,657	103,428	35,023	14,925	25,479,220	6,069,187	40

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments: they are included in the "Other industries" figures.

³ For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR THE MINNEAPOLIS

[This table presents, for the Minneapolis-St. Paul Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact Certain of the industries for which combined figures are given, however, reported larger

Group No.	INDUSTRY	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹								
		*Number of establishments	*Proprietors and firm members	Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total.....	1,744	1,163	65,244	1,518	6,227	48,607	8,188	255	449
2 17	Agricultural machinery (except tractors).....	7	2	749	7	95	624	17	6	—
3 15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	3	1	22	2	—	20	—	—	—
4 16	Batteries, storage and primary (dry and wet) *.....	7	3	320	4	24	272	20	—	—
5 20	Beauty-shop and barber-shop equipment.....	7	—	189	15	23	109	42	—	—
6 19	Boat building and boat repairing.....	5	6	28	1	—	27	—	—	—
7 14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	1	189	5	34	147	3	—	—
8 8	Bookbinding and related industries.....	15	8	286	16	43	188	39	—	—
9 8	Books: publishing without printing.....	11	6	94	3	66	—	25	—	—
10 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	190	203	2,897	37	153	2,838	314	12	43
11 20	Brooms.....	5	7	36	3	—	32	1	—	—
12 1	Candy and other confectionery products *.....	34	18	701	22	31	543	102	—	3
13 4	Canvas products (except bags).....	4	2	81	5	6	47	23	—	—
14 6	Caskets, coffins, burial cases, and other morticians' goods.....	7	3	203	12	20	126	45	—	—
15 1	Cereal preparations *.....	7	2	422	7	38	308	66	3	—
16 4	Clothing, leather and sheep-lined.....	4	4	516	3	19	481	12	1	—
17 4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	4	5	187	5	6	164	12	—	—
18 17	Commercial laundry, dry-cleaning, and pressing machinery.....	5	1	41	3	5	27	6	—	—
19 13	Concrete products.....	28	12	201	25	14	216	35	—	1
20 1	Condensed and evaporated milk.....	5	—	92	5	10	74	3	—	—
21 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	6	2	703	11	148	499	45	—	—
22 6	Cooperage.....	4	—	95	2	7	82	4	—	—
23 1	Creamery butter.....	21	9	225	13	34	163	12	2	1
24 20	Dental equipment and supplies.....	4	—	57	5	7	20	25	—	—
25 9	Drugs and medicines (including drug grinding).....	20	7	229	24	14	108	76	7	—
26 8	Electrotyping and stereotyping, not done in printing establishments.....	5	1	67	8	5	48	6	—	—
27 17	Elevators, escalators, and conveyors.....	5	9	322	5	18	230	60	—	—
28 8	Engraving (steel, copperplate, and wood); plate printing.....	9	10	42	1	6	34	1	—	—
29 7	Envelopes.....	9	3	297	7	17	223	50	—	—
30 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills *.....	20	7	895	36	80	703	74	2	—
31 1	Flavoring extracts and flavoring sirups, not elsewhere classified *.....	11	7	121	9	12	67	33	—	—
32 1	Flour and other grain-mill products.....	13	—	1,616	8	137	1,337	62	7	65
33 1	Food preparations, not elsewhere classified.....	22	24	307	16	15	204	62	8	2
34 17	Food-products machinery.....	18	5	622	29	36	381	175	—	1
35 4	Fur coats and other fur garments, accessories, and trimmings.....	10	9	160	9	9	134	8	—	—
36 8	General commercial (job) printing.....	155	140	2,264	125	235	1,641	263	—	—
37 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	17	14	508	31	100	312	65	—	—
38 14	Gray-iron and semisteel castings.....	16	10	583	13	37	524	9	—	—
39 9	Grease and tallow (except lubricating greases).....	4	4	27	4	2	18	3	—	—
40 20	Hand stamps, stencils, and brands.....	7	6	60	1	11	42	6	—	—
41 14	Heating and cooking apparatus, except electric, not elsewhere classified.....	3	—	27	—	2	25	—	—	—
42 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	9	8	510	5	30	401	73	—	1
43 4	Housefurnishings (except curtains, draperies, and bedspreads).....	6	7	126	3	3	106	12	—	2
44 6	Household furniture, except upholstered.....	14	10	260	13	22	210	7	—	8
45 1	Ice cream and fees.....	17	4	367	23	22	140	163	5	14
46 1	Ice, manufactured.....	7	6	84	5	13	57	9	—	—
47 12	Industrial leather belting and packing leather.....	3	1	62	5	3	43	11	—	—
48 9	Insecticides, fungicides, and related industrial and household chemical compounds *.....	14	7	128	10	22	65	31	—	—
49 15	Lighting fixtures.....	3	2	21	4	4	10	3	—	—
50 1	Macaroni, spaghetti, vermicelli, and noodles.....	5	1	165	6	13	101	43	—	2
51 8	Machine and hand typesetting (including advertisement typesetting).....	13	16	137	5	10	113	9	—	—
52 17	Machine-shop products, not elsewhere classified.....	23	15	442	17	34	323	67	—	1
53 17	Machine-shop repairs.....	11	7	105	12	3	83	5	—	2
54 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools *.....	13	14	92	4	4	82	1	—	1
55 1	Malt.....	4	—	151	1	20	127	3	—	—
56 1	Malt liquors.....	5	—	1,801	9	40	1,242	417	10	83
57 6	Mattresses and bedsprings *.....	9	12	534	13	28	423	70	—	—
58 1	Meat packing, wholesale.....	6	4	5,167	4	604	4,070	478	9	2
59 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	8	12	106	—	4	98	2	—	2
60 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	10	10	413	10	21	356	26	—	—
61 4	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	4	41	1	1	33	6	—	—
62 4	Millinery.....	4	3	63	4	2	45	12	—	—
63 13	Mirrors and other glass products made of purchased glass.....	6	6	18	—	—	18	—	—	—
64 20	Models and patterns (except paper patterns).....	7	8	33	1	4	28	—	—	—
65 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	—	—	—	—	—	—	—	—	—
66 8	Newspapers: publishing and printing.....	6	5	127	12	10	60	8	—	7
		20	14	2,712	25	860	1,202	625	—	—

See footnotes at end of table.

ST. PAUL INDUSTRIAL AREA, BY INDUSTRIES: 1939

or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. numbers of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
97,756,597	7,981,248	11,670,859	62,458,329	14,598,168	328,726	719,267	278,751,056	269,887,116	3,614,131	2,804,551	2,445,258	480,271,715	201,520,659	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
22,351	3,015		19,336				51,246	49,369	1,388	489		75,016	23,770	3
456,043	21,500	38,019	365,372	31,152			1,471,044	1,413,625	13,695	43,724		2,248,045	777,001	4
282,819	65,630	53,642	90,544	73,003			477,103	459,656	1,345	3,962	12,140	1,215,982	735,879	5
24,434	1,950		22,484				28,993	26,154	1,081	1,158	600	80,179	51,186	6
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
439,843	65,207	48,638	239,300	86,698			311,678	301,557	1,881	7,110	1,130	1,151,701	840,023	8
134,698	16,313	83,263		36,122			114,078	24,283		122	90,573	384,395	269,327	9
4,080,467	175,508	288,387	3,265,777	290,698	22,813	43,284	6,819,443	6,458,293	237,348	123,802		14,608,660	7,789,217	10
43,326	8,340		34,490	495			64,438	63,428	259	751		126,057	61,649	11
687,248	73,459	45,680	446,239	118,904		2,966	1,935,666	1,593,666	21,599	20,107		3,366,217	1,430,845	12
104,067	20,066	9,994	49,641	24,366			144,227	141,305	1,588	1,199	135	269,549	149,122	13
338,658	51,765	40,811	150,803	95,279			385,002	378,542	6,050	1,319	91	532,727	549,725	14
690,885	112,169	77,897	364,059	131,076	5,084		2,223,618	2,155,152	33,213	35,453		6,559,019	4,336,201	15
516,132	11,170	32,727	454,796	16,295	1,144		1,139,594	1,122,760	8,602	8,232		1,912,099	772,505	16
245,047	30,592	14,140	169,677	30,638			405,144	401,745	13	3,386		734,036	328,892	17
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
418,385	83,354	24,535	270,060	39,021		815	1,040,180	980,747	25,156	25,869	8,408	1,978,389	938,209	19
134,195	7,300	18,199	103,486	5,210			470,295	416,847	37,602	15,846		660,665	190,370	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
313,988	44,501	51,778	198,779	17,775	850	215	4,573,329	4,493,422	52,360	27,547		5,215,467	642,138	23
132,237	39,354	12,291	33,732	46,860			951,393	947,476	1,894	2,023		1,310,949	359,556	24
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
149,681	29,850	11,812	98,009	10,010			37,863	28,484	2,048	5,939	1,302	274,707	236,844	26
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
49,412	3,000	8,538	37,228	646			71,639	64,854	318	1,294	5,473	178,296	106,357	28
437,627	36,517	35,026	245,011	121,073			613,122	597,933	4,424	10,765		1,294,477	681,355	29
1,360,035	156,666	162,721	886,672	150,410	3,566		2,061,589	1,958,154	40,072	24,635	38,728	4,069,593	2,003,004	30
182,367	42,885	18,405	70,316	50,761			650,677	638,338	8,201	4,138		1,168,507	607,830	31
2,764,217	59,770	326,159	2,155,957	107,221	20,993	94,117	31,842,343	31,396,664	116,995	328,684		39,981,017	8,138,674	32
352,397	67,883	30,904	166,806	94,151		2,653	1,653,996	1,626,280	18,764	8,052		2,292,334	638,338	33
915,786	128,825	68,558	483,307	234,136		960	859,304	818,080	15,822	21,772	3,630	2,467,426	1,598,122	34
210,025	16,480	21,055	159,845	12,035			489,264	483,950	1,495	2,325	1,494	850,852	361,888	35
3,687,380	500,065	418,823	2,248,477	520,015			3,266,753	2,858,322	24,081	82,443	301,007	8,835,533	5,568,780	36
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
790,890	18,424	69,015	684,897	17,654			615,360	483,432	101,747	28,825	1,356	2,057,445	1,442,085	38
60,878	30,560	2,470	22,627	4,721			103,418	91,146	7,600	4,672		250,440	153,022	39
62,006	4,000	18,031	33,467	7,108			53,822	49,649	823	2,556	704	191,271	137,449	40
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
126,373	20,400	5,462	84,578	12,809		3,124	320,045	317,889	304	1,852		594,351	274,306	43
716,989	30,230	33,404	235,499	9,119		8,737	296,011	278,799	8,402	8,630	280	750,028	454,017	44
774,932	121,792	44,565	208,592	364,058	11,619		1,403,535	1,817,286	16,512	69,737		2,852,825	1,449,290	45
124,201	20,950	25,253	66,998	11,000			98,177	13,116	7,715	77,346		523,424	425,247	46
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
218,390	52,236	39,059	75,017	52,078			785,092	771,677	3,729	9,686		1,245,048	459,956	48
34,279	12,700	5,692	12,673	3,214			40,212	25,831		620	13,761	116,286	76,074	49
225,676	29,839	31,379	94,725	68,073		1,560	467,313	395,495	5,505	15,460	50,853	904,720	437,407	50
217,137	12,445	13,344	174,714	10,634			62,904	48,931	2,638	5,293	6,042	444,549	381,645	51
653,990	63,509	61,485	449,870	77,826		1,300	620,466	575,857	14,731	29,412	466	1,820,900	1,200,044	52
146,213	30,170	5,202	101,450	7,321		1,971	73,727	66,122	2,567	5,048		266,725	222,998	53
124,044	10,588	3,548	109,831	904		73	62,381	54,464	2,378	4,460	1,079	271,266	208,015	54
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
3,135,715	61,156	125,052	1,871,484	893,356	12,468	172,205	5,116,139	4,855,730	248,509	11,900		19,332,100	14,215,961	56
780,513	81,718	48,455	516,384	133,956			1,522,786	1,492,859	10,725	19,202		2,726,953	1,204,167	57
8,337,425	59,325	1,242,099	6,084,364	930,039	17,485	3,213	80,452,484	79,796,012	522,991	131,344	2,137	93,594,501	13,142,017	58
94,522		5,538	85,767	2,801		416	46,301	31,627	1,049	1,662	11,963	191,286	144,085	59
506,699	36,650	31,882	306,809	71,298			958,347	946,147	1,890	6,219	4,091	1,735,158	770,811	60
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
55,358	9,851	8,077	31,319	6,111			56,852	55,312	709	831		138,818	81,966	62
23,817			23,817				29,309	27,478	923	547	361	82,802	53,493	63
46,448	500	4,762	41,180				15,477	13,609	558	1,310		98,979	83,502	64
195,084	40,048	21,077	113,526	11,004		9,429	194,464	172,959	3,982	17,523		395,363	200,899	65
4,497,424	225,482	1,292,371	2,065,850	913,721			3,572,648	3,285,946	29,754	72,258	184,600	11,243,378	7,070,730	66

TABLE 9.—GENERAL STATISTICS FOR THE MINNEAPOLIS.

Group No.	INDUSTRY	*Number of establishments	*Pro- pri- etors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distri- bution	Con- struction	Other
						Salaried employ- ees ²	Wage earners (average for year) ³			
1	8	Newspapers: publishing without printing ^a	6	4	22	1	12	3	6	
2	1	Nonalcoholic beverages	20	18	449	14	21	188	220	1
3	15	Nonferrous-metal products not elsewhere classified	6	4	122	5	11	90	12	4
4	6	Office furniture	3	1	41	1	2	35	3	
5	14	Oil burners, domestic and industrial	6	5	59	4	9	28	18	
6	9	Paints, varnishes, and lacquers	15	6	425	20	64	210	131	
7	7	Paper and paperboard mills	3		742	5	34	630	73	
8	7	Paperboard containers and boxes not elsewhere classified ^b	15	4	462	25	27	381	49	
9	6	Partitions, shelving, cabinet work, and office and store fixtures	12	8	303	10	20	246	21	4
10	9	Perfumes, cosmetics, and other toilet preparations	13	9	176	12	14	112	38	
11	8	Periodicals: publishing and printing	15	2	904	21	159	627	97	
12	8	Periodicals: publishing without printing	43	16	258	30	159	13	50	
13	8	Photoengraving, not done in printing establishments (including preparation of plates) ^b	14	4	258	27	23	104	44	
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	3	140	5	9	83	41	2
15	5	Planing mills not operated in conjunction with sawmills	23	6	938	24	69	759	81	1
16	1	Poultry dressing and packing, wholesale	5	2	130	5	9	95	21	
17	1	Prepared feeds (including mineral) for animals and fowls	18	7	288	21	26	174	67	
18	1	Preserves, jams, jellies, and fruit butters	4	1	81	1	5	75		
19	17	Printing-trades machinery and equipment	8	5	201	1	32	116	47	1
20	17	Pumping equipment and air compressors	6		696	15	32	605	43	1
21	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	10	4	1,798	22	92	1,590	94	
22	12	Saddlery, harness, and whips	6	4	48		3	44	1	
23	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	19	17	295	9	15	176	95	
24	14	Screw-machine products and wood screws	3	1	44	4	4	36		
25	15	Sheet-metal work not specifically classified	26	17	634	26	45	469	93	1
26	20	Signs, advertising displays, and advertising novelties	27	19	503	22	19	378	84	
27	9	Soap and glycerin	9	4	112	14	13	36	49	
28	20	Sporting and athletic goods not elsewhere classified	9	9	264	10	11	214	28	1
29	14	Stamped and pressed metal products (except automobile stampings)	9	4	261	13	39	204	3	2
30	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	3	206	10	10	126	60	
31	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	12	118	7	14	63	34	
32	4	Textile bags—not made in textile mills	3		434		31	376	27	
33	14	Tools (except edge tools, machine tools, files, and saws)	6	3	80	8	14	47	11	
34	6	Upholstered household furniture ^b	11	7	563	14	27	462	60	
35	6	Venetian blinds	4	5	45			40	5	
36	6	Window and door screens and weather strip	3	2	191	5	10	174	2	
37	6	Window shades	7	9	43	2	1	31	9	
38	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	3	20			10	1	
39	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	5	3	139	4	5	109	20	1
40	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors ^a	14	9	609	21	47	477	63	1
41	6	Wooden boxes except cigar boxes	9	9	109	2	9	94	2	2
42	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	15	11	967	12	48	821	85	1
43		Other industries ^a	493	266	28,415	520	2,458	21,908	3,154	191
OTHER INDUSTRIES, BY INDUSTRY GROUPS ^b										
44	1	Food and kindred products	34	16	1,107	18	54	808	220	7
45	3	Textile-mill products and other fiber manufactures	16	10	3,388	30	234	2,700	415	9
46	4	Apparel and other finished products made from fabrics and similar materials	39	39	1,394	17	76	1,150	148	3
47	6	Furniture and finished lumber products	27	6	960	26	71	821	39	2
48	7	Paper and allied products	8		1,135	13	55	949	118	
49	8	Printing, publishing, and allied industries	23	12	2,605	37	411	1,770	380	7
50	9	Chemicals and allied products	68	24	1,046	54	78	651	253	3
51	10	Products of petroleum and coal	8	3	530	6	45	404	70	5
52	12	Leather and leather products	8	3	405	14	23	338	30	
53	14	Iron and steel and their products, except machinery	60	32	3,561	62	357	2,926	194	5
54	15	Nonferrous metals and their products	25	25	327	15	18	259	32	3
55	16	Electrical machinery	31	20	816	43	118	481	174	
56	17	Machinery (except electrical)	76	38	6,624	113	669	5,146	562	9
57	19	Transportation equipment except automobiles	5	1	300	2	19	274	5	
58	20	Miscellaneous industries	27	20	895	35	38	674	146	2
59	13	Stone, clay, and glass products	10		1,741	15	89	1,180	193	144
	18	Automobiles and automobile equipment	21	16	1,378	14	84	1,133	147	
	2	Tobacco manufactures	5							
	11	Rubber products	2	1	303	6	19	244	28	1

^aAs the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

²Figures do not include data for personnel of central-administrative offices.

³Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

ST. PAUL INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
Dollars	Dollars	Salaries ³	Wages	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
23,657	1,820	11,643	3,926	6,268	—	—	32,608	1,454	186	245	30,723	121,766	89,158
683,190	38,150	41,767	206,580	388,168	1,716	6,713	1,248,959	1,215,949	16,957	16,023	2,679,864	1,430,905	2
229,702	44,543	29,183	110,812	38,969	—	6,195	498,151	478,628	10,708	6,642	2,173	908,452	410,301
47,000	3,000	4,160	36,791	3,049	—	—	76,330	74,850	282	1,198	—	140,611	64,281
76,785	13,228	9,303	36,329	17,925	—	—	108,261	99,904	1,897	2,129	4,331	268,067	159,806
760,558	98,331	131,053	298,525	232,049	—	—	2,007,853	1,967,343	25,524	14,986	—	3,696,698	1,688,845
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)	(⁵)
601,967	142,064	49,829	323,244	89,830	—	—	976,975	952,551	11,157	12,084	1,183	1,890,236	913,261
512,567	55,880	35,624	372,943	39,406	2,734	6,000	452,536	429,504	13,477	9,143	412	1,096,063	643,467
210,856	57,638	21,435	80,446	51,337	—	—	319,913	314,651	2,698	2,564	—	746,588	426,675
1,518,692	127,912	207,788	881,855	211,137	—	—	1,044,492	883,045	17,251	29,276	114,920	3,463,199	2,418,707
419,070	152,205	210,319	16,523	70,023	—	—	865,905	37,917	323	800	826,865	2,325,450	1,469,545
631,412	114,180	35,100	382,081	100,051	—	(⁵)	146,793	120,681	3,033	9,689	13,390	996,934	850,141
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1,372,307	120,786	114,940	995,139	134,397	2,107	4,878	1,502,248	1,460,802	10,893	30,553	—	3,345,589	1,843,341
136,270	9,975	10,232	74,481	41,582	—	—	1,341,127	1,333,741	2,009	5,377	—	1,603,023	261,896
453,014	94,606	50,287	210,312	97,809	—	—	3,124,443	3,078,273	21,648	24,522	—	4,428,598	1,304,155
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1,273,140	91,949	54,394	1,044,124	81,539	—	1,134	1,474,900	1,423,559	6,970	30,582	13,789	3,825,642	2,350,742
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
55,050	(⁵)	6,131	48,467	452	—	—	200,486	196,298	1,359	2,829	(⁵)	300,306	99,820
520,790	44,712	27,329	260,932	187,817	—	—	2,468,531	2,406,978	23,934	26,781	10,838	3,373,762	905,231
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1,029,063	109,150	89,983	686,132	142,654	—	1,144	1,684,466	1,633,350	18,611	30,705	1,800	3,412,183	1,727,717
682,009	89,182	31,523	407,300	154,004	—	—	729,379	687,679	5,786	13,677	22,237	1,949,115	1,219,736
222,267	74,368	18,362	48,082	81,435	(⁵)	—	451,231	440,710	6,451	4,070	—	945,447	494,216
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
395,340	79,216	71,162	239,250	4,560	—	1,152	243,205	204,901	3,513	7,783	27,008	858,692	615,487
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
140,224	17,166	19,802	74,635	28,821	—	—	76,081	71,280	1,112	2,545	1,144	328,451	252,370
518,620	—	48,298	404,629	65,693	—	—	4,155,889	4,134,730	12,580	8,573	—	5,113,810	937,921
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
803,474	60,661	50,309	587,817	104,687	—	—	1,023,617	1,004,427	4,899	14,291	—	2,022,712	990,095
46,072	(⁵)	(⁵)	40,706	5,366	—	—	107,249	106,644	50	555	—	223,662	116,413
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	—	—	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
49,548	4,080	1,004	33,541	10,923	—	—	72,861	70,073	1,410	1,378	(⁵)	149,654	76,793
11,087	—	—	10,857	230	—	—	12,693	12,442	—	251	—	34,233	21,540
144,547	20,600	13,898	80,078	23,623	—	348	291,688	289,402	400	1,886	—	510,972	210,284
608,265	82,922	57,908	385,706	81,281	448	—	771,938	716,780	559	6,931	47,668	1,981,708	1,299,770
100,734	7,500	11,800	79,238	1,598	—	598	453,516	446,659	989	5,868	—	724,955	271,439
1,015,919	62,715	70,078	747,331	133,195	—	2,600	1,702,862	1,677,198	6,647	13,866	5,151	3,280,784	1,577,922
41,937,144	3,367,077	4,090,083	27,015,791	6,021,993	225,039	317,161	88,455,297	85,052,480	1,712,973	1,134,479	585,365	178,358,534	89,873,237
1,490,346	81,996	126,208	927,165	348,607	—	6,370	6,323,676	6,049,317	173,181	101,178	—	10,514,540	4,190,864
4,185,237	210,552	457,761	2,775,304	718,874	22,746	—	5,214,937	5,086,180	73,113	55,644	—	11,626,820	6,311,883
1,249,612	82,190	104,757	829,343	230,640	—	2,682	2,124,998	2,061,171	9,912	14,445	39,470	4,158,164	2,033,166
1,298,493	161,408	144,650	926,681	64,090	758	840	4,274,524	4,186,863	58,489	19,632	9,540	6,541,820	2,267,296
1,777,592	156,884	125,669	1,222,038	273,001	—	—	3,905,182	3,491,198	371,484	42,500	—	7,865,274	3,960,092
4,722,888	334,504	753,359	2,737,740	889,258	—	8,018	2,892,275	2,640,354	54,155	40,440	157,326	12,938,659	10,046,384
1,749,463	254,972	160,406	923,070	388,517	9,074	4,424	9,716,414	9,414,322	128,213	171,692	2,187	15,262,162	5,545,748
855,589	43,226	98,030	585,974	120,369	7,990	—	4,119,872	3,896,130	160,034	57,708	—	5,894,222	1,774,350
400,387	53,869	35,830	258,476	52,212	—	—	527,599	517,977	5,422	4,200	—	1,199,855	672,256
5,329,814	313,929	757,098	3,825,704	401,129	26,961	4,993	7,123,149	6,753,549	108,466	180,056	81,078	16,695,085	9,571,936
495,188	56,180	30,635	356,061	49,897	—	2,415	903,063	843,990	23,842	20,041	15,190	1,877,647	974,584
1,352,497	176,840	236,777	663,212	275,668	—	—	1,930,295	1,879,573	11,995	26,687	12,040	4,168,642	2,228,347
9,440,170	810,550	1,201,947	6,284,230	1,091,238	32,293	10,908	15,272,412	14,512,445	244,221	255,733	260,010	36,496,818	21,224,406
407,100	4,800	33,630	361,360	7,320	—	—	468,670	449,591	7,786	11,293	—	959,181	490,511
1,259,587	220,017	75,304	731,438	229,711	3,117	—	1,369,797	1,325,743	14,839	21,492	7,723	3,559,030	2,189,233
5,923,175	396,000	639,122	3,607,986	881,456	122,100	276,511	22,318,434	21,944,074	261,821	111,738	801	38,710,615	16,392,181

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.³ For numbers of establishments and of wage earners in individual industries, see table 12.⁴ * and * To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Minneapolis-St. Paul Industrial Area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.⁵ 1 establishment.⁶ 2 establishments.⁷ 3 establishments.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table.]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees ¹	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
DULUTH												
	All industries, total.....	159	79	107	573	4,059	\$389,182	\$1,080,089	\$5,695,467	\$21,198,323	\$37,994,710	\$16,796,387
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	28	26	4	23	226	14,040	37,448	288,689	679,611	1,495,989	816,378
13	Concrete products.....	6	2	2	3	48	8,050	5,013	50,272	204,985	348,094	143,109
8	General commercial (job) printing.....	16	8	12	17	83	29,797	19,953	99,299	102,722	355,681	282,959
1	Ice cream and ices.....	3	1	2	6	29	8,410	10,102	31,180	255,957	505,120	240,163
1	Malt liquors.....	3	—	5	20	156	23,050	34,207	226,628	426,956	1,801,982	1,375,026
8	Newspapers: publishing and printing.....	7	3	12	107	200	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Nonalcoholic beverages.....	4	2	3	2	12	6,000	2,119	12,078	69,300	136,229	66,929
9	Paints, varnishes, and lacquers.....	3	—	1	15	31	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
5	Planing mills not operated in conjunction with sawmills.....	6	—	4	9	140	21,200	18,400	148,131	200,866	669,792	468,926
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	3	3	—	4	25	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
15	Sheet-metal work not specifically classified.....	3	—	—	2	32	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3	3	1	2	49	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
	Other industries ⁵	93	40	75	493	3,364	278,635	952,787	4,839,190	19,257,926	32,681,823	13,423,897
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁶												
1	Food and kindred products.....	18	9	10	58	292	47,876	97,020	346,891	4,525,825	5,652,946	1,127,121
4	Apparel and other finished products made from fabrics and similar materials.....	7	3	7	8	84	17,700	11,319	70,735	217,619	390,172	172,553
8	Furniture and finished lumber products.....	5	6	2	7	51	6,137	9,266	47,871	165,788	287,539	121,751
6	Printing, publishing, and allied industries.....	19	10	17	129	229	78,268	232,365	378,567	345,888	1,732,712	1,386,824
9	Chemicals and allied products.....	9	2	1	26	91	3,000	49,687	122,752	618,352	1,164,014	845,662
15	Nonferrous metals and their products.....	5	2	2	6	43	3,540	10,199	53,799	142,281	283,969	141,688
17	Machinery (except electrical).....	5	—	11	53	315	33,720	80,785	406,684	1,421,212	2,939,778	1,515,566
20	Miscellaneous industries.....	4	2	6	4	34	16,050	4,747	36,690	69,054	157,340	98,286
3	Textile-mill products and other fiber manufactures.....	3	2	3	24	174	—	—	—	—	—	—
10	Products of petroleum and coal.....	4	—	2	47	180	—	—	—	—	—	—
13	Stone, clay, and glass products.....	3	1	—	36	187	—	—	—	—	—	—
14	Iron and steel and their products, except machinery.....	7	1	10	62	1,009	72,404	457,399	3,374,901	11,761,907	20,073,353	8,311,446
7	Paper and allied products.....	1	—	—	—	—	—	—	—	—	—	—
18	Automobiles and automobile equipment.....	1	2	4	3	75	—	—	—	—	—	—
19	Transportation equipment except automobiles.....	2	—	—	—	—	—	—	—	—	—	—
MINNEAPOLIS												
	All industries, total.....	1,094	735	972	3,360	26,109	\$4,862,921	\$6,155,800	\$33,297,068	\$116,807,453	\$221,183,830	\$104,376,377
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	3	1	2	—	20	3,015	—	19,336	51,240	75,016	23,770
1	Biscuit, crackers, and pretzels.....	7	5	3	9	253	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	1	5	34	147	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Bookbinding and related industries.....	9	5	7	40	132	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Books: printing without publishing.....	8	6	6	11	100	14,050	19,463	127,170	185,347	505,206	319,859
8	Books: publishing without printing.....	7	7	3	46	—	15,313	64,225	—	71,183	260,378	189,195
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	124	127	23	98	1,503	100,646	186,596	2,066,301	4,180,080	9,188,710	5,008,630
1	Candy and other confectionery products.....	23	11	19	16	327	66,269	25,167	283,514	1,161,670	1,981,371	829,701
6	Caskets, coffins, burial cases, and other morticians' goods.....	4	2	8	8	83	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Cleaning and polishing preparations, blackings, and dressings.....	8	4	6	2	13	12,440	995	13,278	109,066	230,751	121,685
17	Commercial laundry, dry-cleaning, and pressing machinery.....	5	1	3	5	27	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	8	—	1	10	63	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
13	Concrete products.....	6	2	5	6	54	26,586	14,385	77,540	478,333	756,202	277,869
1	Creamery butter.....	12	7	1	10	53	6,270	18,607	74,769	1,076,126	1,941,144	266,018
15	Electroplating, plating, and polishing.....	6	6	1	4	61	7,800	8,378	78,509	54,768	210,018	155,260

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES:
1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees	*Wage earners (average for year)	Salaries of officers of corporations	Salaries of employees	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture
MINNEAPOLIS—Continued												
8	Engraving (steel, copperplate, and wood); plate printing.....	4	5	-----	4	26	-----	\$5,814	\$28,305	\$57,557	\$125,544	\$87,957
7	Envelopes.....	4	2	2	8	87	\$14,027	18,155	99,098	254,393	567,070	313,577
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	14	2	23	41	413	90,950	78,900	537,514	1,469,875	2,933,222	1,463,347
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	5	4	4	6	25	25,550	9,650	31,198	259,207	449,482	190,275
1	Flour and other grain-mill products.....	9	-----	3	125	1,131	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Food preparations, not elsewhere classified.....	16	17	13	10	158	63,535	24,657	126,733	1,517,353	2,059,118	541,735
17	Food-products machinery.....	15	5	27	33	302	126,728	64,537	457,602	812,610	2,359,385	1,540,775
4	Fur coats and other fur garments, accessories, and trimmings.....	7	9	5	4	55	14,560	12,840	68,135	329,409	546,060	216,651
8	General commercial (job) printing ^b	103	92	84	136	1,030	344,550	242,564	1,418,203	2,105,565	5,664,974	3,558,400
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	13	8	27	99	285	117,964	206,670	465,635	1,399,050	2,786,207	1,387,157
14	Gray-iron and semisteel castings.....	9	6	6	18	288	8,900	28,792	385,706	371,718	1,039,726	668,008
20	Hand stamps, stencils, and brands.....	4	4	1	4	23	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	3	2	26	339	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Household furniture, except upholstered.....	7	7	9	12	100	18,850	19,533	135,478	161,150	424,820	293,670
1	Ice cream and ices ^a	12	4	10	17	99	50,215	35,171	150,648	980,751	2,084,437	1,103,086
1	Ice, manufactured.....	4	-----	5	10	38	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	9	4	8	20	57	49,624	37,247	65,874	755,174	1,174,619	419,445
15	Lighting fixtures.....	3	2	4	4	10	12,700	5,692	12,673	40,212	116,286	76,074
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	1	4	22	91	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Lubricating oils and greases—not made in petroleum refineries.....	8	4	4	1	20	14,200	1,912	26,272	338,028	497,566	159,538
8	Machine and hand typesetting (including advertisement typesetting).....	10	15	-----	5	96	-----	8,142	143,579	47,040	362,959	315,919
17	Machine-shop products, not elsewhere classified ^a	19	13	11	27	260	31,909	46,941	348,092	412,392	1,387,005	974,613
17	Machine-shop repairs.....	6	2	11	3	56	28,670	5,262	77,884	54,729	204,034	149,305
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	8	10	4	3	53	10,588	2,148	78,660	40,534	186,187	145,653
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories ^a	8	12	-----	4	98	-----	5,538	85,767	46,301	191,286	144,98 ^f
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	7	8	7	20	284	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	4	1	1	33	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Mirrors and other glass products made of purchased glass.....	3	4	-----	-----	9	-----	-----	10,645	8,810	36,833	28,023
4	Miscellaneous fabricated textile products not elsewhere classified.....	3	3	-----	1	9	-----	(¹)	(¹)	(¹)	(¹)	(¹)
20	Models and patterns (except paper patterns).....	4	4	1	1	15	500	1,049	19,718	8,926	50,896	41,970
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	14	13	6	10	96	18,214	14,750	124,701	212,178	568,740	356,502
8	Newspapers: publishing and printing.....	6	2	15	662	890	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages ^a	14	8	11	18	129	24,250	36,761	145,370	991,150	2,125,905	1,134,755
15	Nonferrous-metal foundries (except aluminum).....	3	3	2	2	44	5,512	6,100	63,094	111,609	244,628	133,019
9	Paints, varnishes, and lacquers.....	9	5	10	49	133	46,236	98,672	187,412	1,260,897	2,472,314	1,202,417
7	Paperboard containers and boxes not elsewhere classified.....	7	2	12	19	176	75,240	31,812	165,072	605,437	1,115,936	510,499
6	Partitions, shelving, cabinet work, and office and store fixtures.....	6	5	5	6	112	23,460	13,638	170,180	201,124	480,370	279,246
8	Periodicals: publishing and printing.....	10	2	13	55	296	77,998	99,353	356,242	373,395	1,337,512	904,117
8	Periodicals: publishing without printing ^a	27	8	26	81	13	116,053	126,978	16,523	637,591	1,538,090	900,499
8	Photoengraving, not done in printing establishments (including preparation of plates).....	7	4	15	8	83	69,360	13,544	194,251	61,231	493,814	432,553

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES:
1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees ¹	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
MINNEAPOLIS—Continued												
5	Planing mills not operated in conjunction with saw mills	15	4	18	43	558	\$80,886	\$69,541	\$756,145	\$1,006,696	\$2,203,205	\$1,196,569
1	Prepared feeds (including mineral) for animals and fowls ⁴	13	7	17	24	159	81,656	47,627	193,968	3,026,101	4,245,103	1,210,002
12	Saddlery, harness, and whips	3	2		2	8		(¹)	(¹)	(¹)	(¹)	(¹)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments ⁵	12	8	6	13	99	20,112	20,719	147,707	1,410,746	1,920,755	510,009
14	Screw-machine products and wood screws	3	1	4	4	36	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Sheet-metal work not specifically classified	21	15	23	32	337	94,811	58,112	489,613	1,054,019	2,323,683	1,269,664
20	Signs, advertising displays, and advertising novelties	19	11	17	15	181	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Sporting and athletic goods not elsewhere classified	3	3	1	4	30	3,600	6,373	18,212	31,777	101,070	60,293
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	12	7	14	63	17,166	10,602	74,635	76,081	328,451	252,370
4	Textile bags—not made in textile mills	3			31	376		48,298	404,029	4,155,889	5,113,810	957,921
6	Upholstered household furniture ⁶	11	7	14	27	462	60,661	50,309	587,817	1,023,617	2,022,712	999,095
6	Window and door screens and weather-strip	3	2	5	10	174	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Window shades	4	4	2	1	21	4,080	1,004	23,465	49,629	93,810	44,181
14	Wirework not elsewhere classified	7	11	1	7	48	4,430	8,902	57,867	127,556	266,124	138,568
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	3		7	19		(¹)	(¹)	12,693	34,233	21,540
6	Wooden boxes except cigar boxes	5	4			29	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Wood preserving	3		3	12	77	17,130	23,114	78,863	898,672	1,057,584	158,912
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	7	3	7	30	434	47,882	45,134	430,827	920,256	1,861,766	932,510
	Other industries ⁷	410	213	460	2,237	16,679	2,704,411	4,133,886	21,170,856	79,360,908	149,283,721	69,022,813
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁸												
1	Food and kindred products	46	10	38	250	2,515	298,403	573,434	3,732,268	35,665,709	55,082,590	19,416,881
3	Textile-mill products and other fiber manufactures	10	1	27	219	2,489	192,422	426,448	2,617,657	4,537,182	10,442,832	5,905,650
4	Apparel and other finished products made from fabrics and similar materials	56	52	47	146	2,016	232,824	212,527	1,655,360	4,146,201	8,328,462	4,182,261
6	Furniture and finished lumber products	27	16	26	58	750	173,938	113,062	865,628	2,634,771	5,038,403	2,403,632
8	Printing, publishing, and allied industries	27	11	40	761	1,394	249,895	1,179,956	2,183,294	3,435,499	10,219,369	6,783,870
9	Chemicals and allied products	43	18	31	54	496	153,799	111,244	761,946	8,035,796	12,176,596	4,140,800
12	Leather and leather products	9	4	12	24	316	38,049	38,400	237,241	512,402	1,143,283	630,881
13	Stone, clay, and glass products	8	5	13	11	77	48,234	21,596	99,078	220,245	460,014	248,769
14	Iron and steel and their products, except machinery	40	21	51	267	2,200	264,102	573,457	2,989,640	4,679,580	11,684,915	7,005,326
15	Nonferrous metals and their products	12	11	11	8	141	53,832	10,023	197,435	319,075	830,316	511,241
16	Electrical machinery	11	5	9	19	238	52,230	31,909	250,221	809,843	1,665,115	855,272
17	Machinery (except electrical)	63	32	89	335	2,841	542,446	648,654	4,248,918	8,666,065	21,733,946	13,067,881
20	Miscellaneous industries	44	23	54	54	594	315,799	114,826	691,755	2,072,803	4,892,254	2,819,451
7	Paper and allied products	4		4	7	241						
10	Products of petroleum and coal	5	3	3	8	163	88,348	78,341	631,415	3,625,728	5,576,626	1,950,898
2	Tobacco manufactures	2		1	1							
11	Rubber products	2		4	15	208						
18	Automobiles and automobile equipment	1	1									
ST. PAUL												
	All industries, total	551	357	489	2,048	16,445	\$2,861,496	\$3,899,803	\$20,818,230	\$75,830,936	\$152,002,686	\$76,162,750
8	Bookbinding and related industries	6	3	9	3	56	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Books: publishing without printing	4	2		20			19,038	(¹)	43,795	123,927	80,132
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	61	61	14	55	807	74,862	101,791	1,174,238	2,550,017	5,264,581	2,705,564
1	Candy and other confectionery products	8	6	3	9	180	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Caskets, coffins, burial cases, and other morticians' goods	3	1	4	12	43	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products	14	7	14	5	84	41,950	6,165	94,499	342,203	665,141	322,938
1	Creamery butter	4		6	14	46	10,911	22,649	52,980	1,344,954	1,495,440	150,486
9	Drugs and medicines (including drug grinding)	6		8	3	21	34,030	6,180	20,110	101,633	426,382	324,749
8	Engraving (steel, copperplate, and wood); plate printing	5	5	1	2	8	3,000	2,724	8,023	14,352	52,752	38,400

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES:
1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
ST. PAUL—Continued												
7	Envelopes.....	5	1	5	9	136	\$22,490	\$16,871	\$145,913	\$358,729	\$726,507	\$367,778
1	Food preparations, not elsewhere classified.....	6	7	3	5	45	4,348	6,247	30,073	136,613	233,216	96,603
17	Food-products machinery.....	3	-----	2	3	19	2,097	4,021	25,705	46,694	98,041	51,347
4	Fur coats and other fur garments, accessories, and trimmings.....	3	-----	4	5	79	1,920	8,825	91,710	159,855	304,792	144,937
8	General commercial (job) printing.....	52	47	41	99	611	155,515	176,259	830,274	1,160,188	3,170,559	2,010,371
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	6	4	1	27	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Gray-iron and semisteel castings.....	7	4	7	19	236	9,524	41,125	299,191	243,642	1,017,719	774,077
20	Hand stamps, stencils, and brands.....	3	2	-----	7	18	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	6	5	3	4	62	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Household furniture, except upholstered.....	5	1	3	3	36	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Ice cream and ices.....	5	-----	13	5	42	71,577	9,394	57,944	422,784	768,388	345,604
1	Ice, manufactured.....	3	6	-----	3	19	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Machine and hand typesetting (including advertisement typesetting).....	3	1	5	5	18	12,445	5,202	31,135	15,864	81,590	65,726
17	Machine-shop products, not elsewhere classified.....	4	2	6	7	64	31,600	14,544	101,778	208,074	433,955	225,881
17	Machine-shop repairs.....	5	5	1	-----	27	1,500	-----	23,605	15,998	92,691	73,693
6	Mattresses and bedsprings.....	4	6	7	15	261	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Meat packing, wholesale.....	3	1	4	24	212	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	3	2	3	1	71	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
13	Mirrors and other glass products made of purchased glass.....	3	2	-----	-----	9	-----	-----	13,172	20,499	45,969	25,470
20	Models and patterns (except paper patterns).....	3	4	-----	3	13	-----	3,713	21,468	6,551	48,083	41,532
8	Newspapers: publishing without printing.....	3	2	-----	4	-----	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Nonalcoholic beverages.....	6	10	3	3	59	13,900	5,006	61,216	257,809	553,959	296,150
15	Nonferrous-metal products not elsewhere classified.....	3	1	2	9	40	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Paints, varnishes, and lacquers.....	6	1	10	15	77	52,095	32,381	111,113	737,956	1,224,384	486,428
6	Partitions, shelving, cabinet work, and office and store fixtures.....	6	3	5	14	134	32,400	21,986	202,763	251,412	615,633	364,221
9	Perfumes, cosmetics, and other toilet preparations.....	7	6	8	11	102	40,838	18,975	71,307	257,182	621,401	364,279
8	Periodicals: publishing and printing.....	5	-----	8	104	331	49,914	198,435	525,613	671,097	2,125,687	1,464,590
8	Periodicals: publishing without printing.....	16	8	10	76	-----	36,152	77,775	-----	222,115	773,126	551,011
5	Planing mills not operated in conjunction with sawmills.....	8	2	6	26	201	39,900	45,399	238,994	495,552	1,142,324	646,772
1	Prepared feeds (including mineral) for animals and fowls.....	5	-----	4	2	16	12,950	2,660	16,344	98,342	183,495	85,153
17	Pumping equipment and air compressors.....	3	-----	7	12	43	24,720	20,046	61,287	181,901	362,327	180,426
12	Saddlery, harness, and whips.....	3	2	-----	1	35	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	7	9	3	2	77	15,600	6,610	113,225	1,057,785	1,453,007	895,222
15	Sheet-metal work not specifically classified.....	5	2	3	13	132	14,339	31,871	196,519	630,447	1,088,500	458,053
20	Signs, advertising displays, and advertising novelties.....	8	8	5	4	197	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Stamped and pressed metal products (except automobile stampings).....	4	1	4	6	46	33,025	12,662	46,898	106,285	280,022	173,737
6	Window shades.....	3	5	-----	-----	10	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Wirework not elsewhere classified.....	3	1	4	6	32	11,520	8,495	41,328	102,756	227,816	125,060
6	Wood preserving.....	3	-----	5	9	71	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	8	8	5	18	386	14,833	24,944	316,504	773,606	1,419,018	645,412
	Other industries ⁴	269	158	279	1,481	12,544	1,982,541	2,947,810	15,792,381	62,791,246	124,882,194	62,090,948
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴												
1	Food and kindred products.....	42	21	31	90	1,757	160,520	208,094	2,156,637	14,933,407	28,626,707	13,693,300
4	Apparel and other finished products made from fabrics and similar materials.....	34	32	22	38	918	77,317	65,418	798,137	2,060,692	3,724,557	1,663,865
6	Furniture and finished lumber products.....	27	18	24	46	572	94,013	74,385	630,424	1,930,382	3,386,505	1,456,123
7	Paper and allied products.....	9	1	16	44	776	161,416	110,276	1,021,880	2,188,515	5,626,689	3,438,174
8	Printing, publishing, and allied industries.....	24	8	46	532	1,696	411,250	897,489	2,896,262	3,173,707	15,000,312	11,826,605

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees ¹	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
ST. PAUL—Continued												
9	Chemicals and allied products.....	17	6	21	22	83	\$114,195	\$37,416	\$106,507	\$1,812,344	\$2,204,735	\$892,391
12	Leather and leather products.....	5	3	2	2	67	15,820	3,552	60,702	215,683	350,878	141,195
14	Iron and steel and their products, except machinery.....	20	9	24	144	939	126,470	290,564	1,111,412	2,716,173	5,834,516	3,118,343
15	Nonferrous metals and their products.....	8	7	2	15	78	24,173	35,317	96,025	758,031	1,247,455	489,424
16	Electrical machinery.....	13	9	11	24	227	28,146	36,217	302,128	1,184,871	1,943,465	788,594
17	Machinery (except electrical).....	15	10	23	260	1,954	280,754	406,356	1,891,865	5,514,830	11,119,497	5,604,661
19	Transportation equipment except automobiles.....	3	1	2	14	237	4,890	23,930	304,397	406,372	820,907	414,535
20	Miscellaneous industries.....	28	21	26	35	549	107,124	65,392	551,556	1,324,593	3,027,527	1,702,934
2	Tobacco manufactures.....	3	1	1	3	40						
3	Textile-mill products and other fiber manufactures.....	6	9	3	15	211						
10	Products of petroleum and coal.....	3		3	37	241	376,453	693,404	3,855,459	25,071,640	41,962,444	16,890,804
13	Stone, clay, and glass products.....	6		14	86	1,166						
18	Automobiles and automobile equipment.....	6	2	8	74	1,033						

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ Figures do not include data for personnel of central-administrative offices.

² Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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

⁴ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

⁵ For numbers of establishments and of wage earners in individual industries, see table 12.

* and ¹ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Minneapolis have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.

¹ 1 establishment. ² 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	4,008	1,866	5	27	142	160	134	45	650	154	13	4	20	167	139	80	44	197	27	20	114
Aitkin.....	17	9			6				2												
Anoka.....	24	10			2	4			2	1				1	1			3			
Becker.....	21	12			3				2					1				2		1	
Beltrami.....	26	13		1	6	1			2					1				1		1	
Benton.....	29	14			2			2						7				2			
Big Stone.....	9	7							1					1							
Blue Earth.....	60	36						1						1				1			1
Brown.....	48	27		1		3	2	1	7	3				4	1		3	1	2		1
Carlton.....	31	13			2	3	4		10					4							1
Carver.....	28	23							4					3	1			2			1
Cass.....	22	10			8	1			2											1	
Chippewa.....	17	13							4												
Chisago.....	28	20			2				3					1				1	1		
Clay.....	19	13							5					1							
Clearwater.....	11	7			3				1					1							
Cook.....	13				13																
Cottonwood.....	15	10							4							1					
Crow Wing.....	28	11		1	7	1	2		5							1					
Dakota.....	26	9				1		1	6					1	2	1		2		2	2
Dodge.....	19	18							1												
Douglas.....	29	23							4					1						1	
Fairbault.....	31	25			1				3	1				1							
Fillmore.....	32	24							7					1							
Freeborn.....	46	34			1				3	1				1	3	1		2			
Goodhue.....	65	41			2				8	1		1	3	4		1		3			1
Grant.....	10	9							1												
Hennepin.....	1,143	290	2	10	83	15	62	15	208	80	5	2	9	25	72	49	24	111	15	3	63
Houston.....	18	15							3												
Hubbard.....	10	6			2				2												
Isanti.....	18	13		1					2					1	1						
Itasca.....	42	16			16			2	6												
Jackson.....	17	13			1				3					1				1			
Kanabec.....	10	7							2												
Kandiyohi.....	26	17			1				2									1			
Kittson.....	7	6							1					5				1			
Koochiching.....	21	8																			
Lac qui Parle.....	13	10			8			2	2					1							
Lake.....	10	3							3												
Lake of the Woods.....	7	4			6				1												
Le Sueur.....	23	17						1	4					1							

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lincoln	12	8							3					1							
Lyon	21	17							3					1							
McLeod	32	22							5	1				2				2			
Mahnomen	6	4				1			1												
Marshall	13	11							2												
Martin	31	22							4	1				3				1			
Meeker	33	25		1					5	1								1			
Miller Lakes	17	12					1		3	1							1				
Morrison	33	26				2		1	2					1				1			
Mower	36	23		1		1			5					4				1	1	1	
Murray	8	5							1					1				1			
Nicollet	20	17			1	1			1												
Nobles	13	7							4	1				1							
Norman	13	11							2												
Olmsted	36	24				1			7					1	1		2				
Otter Tail	45	33				2	1		7					2							
Pennington	19	14				1			2									2			
Pine	27	21				1			3					2							
Pipestone	19	12					1		3	1		1									1
Polk	36	30				1			4					1							
Pope	18	14							3					1							
Ramsey	575	140	3	6	45	8	36	14	112	42	3		5	24	35	14	13	33	6	5	31
Red Lake	11	9		1					1												
Redwood	20	14							4					2							
Renville	24	19							5												
Rice	47	26		1		2	3		7				1	1		1		3			2
Rock	8	3							3					1					1		
Roseau	17	11				1			3						1			1			
St. Louis	223	81		3	7	16	8	1	50	11	4			11	9	6		1	1	2	7
Scott	21	15					1		3					1	1						
Sherburne	9	6				1			1					1							
Sibley	17	13							3					1							
Stearns	102	62				2	1		8					23	1			3			2
Steele	46	29				1			6					1	1	5		3			
Stevens	12	9							2					1				3			
Swift	16	14							2												
Todd	25	19				1			4					1							
Traverse	5	4							1												
Wabasha	24	18				1			3						1					1	
Wadena	22	14				5			2					1							
Waseca	25	18							4	1							1	1			
Washington	36	16			2	3	1		5	1	1		1		1	1		2		2	
Watsonwan	21	16							4					1							
Wilkin	7	6							1												
Winona	77	40		2	2	1	1		8	4			1	6	6			4			2
Wright	46	38					1		4					3							
Yellow Medicine	15	12							3												

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
STATE OF MINNESOTA				STATE OF MINNESOTA—Continued			
1	Baking powder, yeast, and other leavening compounds.	1		4	Curtains, draperies, and bedspreads—contract factories.	1	
	Beet sugar	2			Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.	2	
	Cured fish	1			Dress and semidress gloves and mittens: cloth, cloth and leather combined.	1	
	Liquors, rectified or blended.	2			Embroideries, other than Schiffli-machine products—contract factories.	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings.	7	115		House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.	9	401
	Preserves, jams, jellies, and fruit butters.	4	75		Men's and boys' hats and caps (except felt and straw).	2	
	Salad dressings.	2			Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.	2	
	Sausage casings—not made in meat-packing establishments.	2			Men's neckwear—made in inside factories or by jobbers engaging contractors.	3	33
	Special dairy products.	2			Suspenders, garters, and other goods made from purchased elastic material.	2	
	Vinegar and cider.	1			Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.	1	
	Wines.	1			Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.	1	
2	Cigars.	4			Trousers (semidress), wash suits, and washable service apparel.	3	175
	Tobacco (chewing and smoking) and snuff.	1			Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.	1	
3	Batting, padding, and wadding; upholstery filling.	3	72		Women's, children's, and infants' underwear and nightwear of knitted fabrics.	2	
	Carpets and rugs, wool.	1					
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.	2					
	Hosiery—full-fashioned.	2					
	Knitted cloth.	1					
	Knitted underwear.	2					
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.	2					
	Woolen and worsted manufactures—contract factories.	1					
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.	4	361				

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
STATE OF MINNESOTA—Continued				STATE OF MINNESOTA—Continued			
4	Women's, children's, and infants' underwear and night-wear of silk and rayon woven fabrics	1		16	Automotive electrical equipment	1	
	Work gloves and mittens: cloth, cloth and leather combined	3	177		Electrical appliances	1	
6	Cigar boxes: wooden, part wooden	1			Electrical measuring instruments	1	
	Excelsior	1			Wiring devices and supplies	1	
	Laboratory, hospital, and other professional furniture	1			X-ray and therapeutic apparatus and electronic tubes	1	
	Matches	2		17	Agricultural machinery (except tractors)	15	651
	Mirror frames and picture frames	1			Blowers; exhaust and ventilating fans	2	
	Public-building furniture	2			Cars and trucks, industrial	1	
	Window and door screens and weather strip	3	174		Commercial laundry, dry-cleaning, and pressing machinery	5	27
	Wood products not elsewhere classified	4	335		Elevators, escalators, and conveyors	5	230
7	Coated and glazed paper	1			Internal-combustion engines	3	240
	Converted paper products not elsewhere classified	3			Laundry equipment, domestic	1	
	Fiber cans, tubes, and similar products	1			Machine tools	2	
8	Books: publishing and printing	4			Measuring and dispensing pumps	2	
	Greeting cards (except hand-painted)	2			Mechanical power-transmission equipment	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	1,144		Office and store machines not elsewhere classified	1	
9	Ammunition	1			Paper-mill, pulp-mill, and paper-products machinery	3	79
	Bluing	1			Printing-trades machinery and equipment	8	115
	Chemicals not elsewhere classified	4	42		Special-industry machinery, not elsewhere classified	2	
	Coal-tar products, crude and intermediate	2			Stokers, mechanical, domestic and industrial	1	
	Fertilizers	2			Tractors	3	1,111
	Glue and gelatin	2			Vending, amusement, and other coin-operated machines	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1		18	Automobile trailers (for attachment to passenger cars)	1	
	Printing ink	2			Motor vehicles, motor-vehicle bodies, parts and accessories	26	
	Salt	1		19	Cars and car equipment—railroad, street, and rapid-transit	4	
	Soybean oil, cake, and meal	1			Transportation equipment not elsewhere classified	2	
	Writing ink	1		20	Brushes	2	
10	Fuel briquets	5			Buttons	1	
	Petroleum refining	1			Children's vehicles	2	
11	Rubber products not elsewhere classified	3			Fire extinguishers, chemical	1	
	Tires and inner tubes	1			Furs, dressed and dyed	1	
12	Industrial leather belting and packing leather	3	43		Games and toys (except dolls and children's vehicles)	2	
	Leather gloves and mittens	2			Jewelry cases and instrument cases	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1			Photographic apparatus and materials and projection equipment (except lenses)	1	
	Small leather goods	1			Professional and scientific instruments (except surgical and dental)	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1			Soda fountains, beer dispensing equipment, and related products	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1			Tobacco pipes and cigarette holders	1	
	Cement	2		MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA			
	Flat glass	1		1	Biscuit, crackers, and pretzels	9	
	Floor and wall tile (except quarry tile)	1			Canned and dried fruits and vegetables (including canned soups)	1	
	Lime	2			Cheese	2	
	Mineral wool	2			Liquors, rectified or blended	2	
	Pottery products not elsewhere classified	1			Malt	4	127
	Sand-lime brick, block and tile	2			Pickled fruits and vegetables and vegetable sauces and seasonings	4	83
	Sewer pipe and kindred products	2			Preserves, jams, jellies, and fruit butters	4	75
	Statuary and art goods (except stone and concrete)—factory production	1			Salad dressings	2	
	Steam and other packing: pipe and boiler covering	2			Sausage casings—not made in meat-packing establishments	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	752		Special dairy products	2	
14	Automobile stampings	1			Vinegar and cider	1	
	Blast-furnace products	2			Wines	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	147	2	Cigars	4	
	Cast-iron pipe and fittings	1			Tobacco (chewing and smoking) and snuff	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1		3	Batting, padding, and wadding; upholstery filling	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2			Carpets and rugs, wool	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1			Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Enameling, japanning, and lacquering	2			Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2			Hosiery—full-fashioned	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	25		Knitted cloth	1	
	Malleable-iron castings	1			Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	
	Power boilers and associated products	5	297		Knitted underwear	2	
	Screw-machine products and wood screws	3	36		Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	2			Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
	Steam fittings, regardless of material	2		4	Curtains, draperies, and bedspreads—contract factories	1	
	Steel barrels, kegs, and drums	1			Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Steel castings	2			Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Steel works and rolling mills	1			Embroideries, other than Schiffl-machine products—contract factories	2	
	Tin cans and other tinware not elsewhere classified	5	310		House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	401
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2			Men's and boys' hats and caps (except felt and straw)	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1					

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA—Continued				MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA—Continued			
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	33	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3			Enameling, japanning, and lacquering	2	
	Miscellaneous fabricated textile products not elsewhere classified	5			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Suspenders, garters, and other goods made from purchased elastic material	2			Hardware not elsewhere classified	4	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1			Heating and cooking apparatus, except electric, not elsewhere classified	3	25
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1			Malleable-iron castings	1	
	Trousers (semidress), wash suits, and washable service apparel	2			Power boilers and associated products	4	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1			Screw-machine products and wood screws	3	36
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2			Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1			Steam fittings, regardless of material	2	
	Work gloves and mittens: cloth, cloth and leather combined	2			Steel barrels, kegs, and drums	1	
					Steel castings	1	
					Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	126
					Tin cans and other tinware not elsewhere classified	3	
					Tools (except edge tools, machine tools, files, and saws)	6	47
					Wirework not elsewhere classified	11	
6	Baskets for fruits and vegetables	2		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Cigar boxes: wooden, part wooden	1			Electroplating, plating, and polishing	9	
	Cooperage	4	82		Jewelry (precious metals)	9	
	Excelsior	1			Nonferrous-metal foundries (except aluminum)	4	
	Laboratory, hospital, and other professional furniture	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Mirror frames and picture frames	1					
	Public-building furniture	2		16	Automotive electrical equipment	1	
	Window and door screens and weather strip	3	174		Communication equipment	4	
	Wood preserving	10			Electrical appliances	1	
	Wood products not elsewhere classified	2			Electrical measuring instruments	1	
7	Coated and glazed paper	1			Electrical products not elsewhere classified	2	
	Converted paper products not elsewhere classified	3			Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	17	312
	Fiber cans, tubes, and similar products	1			Radios, radio tubes, and phonographs	3	
	Paper and paperboard mills	3	630		Wiring devices and supplies	1	
8	Books: printing without publishing	11			X-ray and therapeutic apparatus and electronic tubes	1	
	Books: publishing and printing	4		17	Agricultural machinery (except tractors)	7	624
	Greeting cards (except hand-painted)	2			Blowers; exhaust and ventilating fans	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6			Commercial laundry, dry-cleaning, and pressing machinery	5	27
9	Bluing	1			Construction and similar machinery (except mining and oil-field machinery and tools)	6	499
	Chemicals not elsewhere classified	3			Elevators, escalators, and conveyors	5	230
	Cleaning and polishing preparations, blackings, and dressings	11			Industrial machinery, not elsewhere classified	13	
	Coal-tar products, crude and intermediate	2			Internal-combustion engines	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9			Machine tools	1	
	Drugs and medicines (including drug grinding)	20	108		Measuring and dispensing pumps	2	
	Fertilizers	1			Mechanical power-transmission equipment	2	
	Glue and gelatin	2			Metalworking machinery and equipment, not elsewhere classified	4	
	Linseed oil, cake, and meal	4			Paper-mill, pulp-mill, and paper-products machinery	2	
	Lubricating oils and greases—not made in petroleum refineries	11			Printing-trades machinery and equipment	8	115
	Mucilage, paste, and other adhesives, except glue and rubber cement	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	10	1,590
	Printing ink	2			Special-industry machinery, not elsewhere classified	2	
	Writing ink	1			Stokers, mechanical, domestic and industrial	1	
10	Fuel briquets	4			Tractors	2	
	Oven coke and coke-oven byproducts	1			Vending, amusement, and other coin-operated machines	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3			Woodworking machinery	2	
11	Rubber products not elsewhere classified	2		18	Automobile trailers (for attachment to passenger cars)	1	
12	Footwear (except rubber)	2			Motor vehicles, motor-vehicle bodies, parts and accessories	20	
	Industrial leather belting and packing leather	3	43	19	Cars and car equipment—railroad, street, and rapid-transit	3	
	Leather gloves and mittens	1			Transportation equipment not elsewhere classified	2	
	Small leather goods	1		20	Brushes	2	
	Suitcases, brief cases, bags, trunks, and other luggage	1			Buttons	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1			Children's vehicles	2	
	Brick and hollow structural tile	1			Fire extinguishers, chemical	1	
	Flat glass	1			Furs, dressed and dyed	1	
	Mineral wool	1			Games and toys (except dolls and children's vehicles)	2	
	Sand-lime brick, block and tile	2			Jewelry cases and instrument cases	1	
	Statuary and art goods (except stone and concrete)—factory production	1			Miscellaneous fabricated products not elsewhere classified	4	
	Steam and other packing; pipe and boiler covering	2			Photographic apparatus and materials and projection equipment (except lenses)	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1			Professional and scientific instruments (except surgical and dental)	1	
14	Automobile stampings	1			Soda fountains, beer dispensing equipment, and related products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	147		Sporting and athletic goods not elsewhere classified	9	214
	Cast-iron pipe and fittings	1			Tobacco pipes and cigarette holders	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2					

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
DULUTH				MINNEAPOLIS			
1	Biscuit, crackers, and pretzels.....	1	---	1	Biscuit, crackers, and pretzels.....	7	253
	Candy and other confectionery products.....	1	---		Cereal preparations.....	5	---
	Creamery butter.....	2	---		Cheese.....	1	---
	Cured fish.....	1	---		Condensed and evaporated milk.....	1	---
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1	---		Flour and other grain-mill products.....	9	1,131
	Flour and other grain-mill products.....	1	---		Ice, manufactured.....	4	38
	Food preparations, not elsewhere classified.....	1	---		Liquors, rectified or blended.....	1	---
	Ice, manufactured.....	1	---		Macaroni, spaghetti, vermicelli, and noodles.....	3	---
	Malt.....	1	---		Malt.....	3	---
	Meat packing, wholesale.....	1	---		Malt liquors.....	2	---
	Poultry dressing and packing, wholesale.....	2	---		Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	---
	Prepared feeds (including mineral) for animals and fowls.....	2	---		Poultry dressing and packing, wholesale.....	2	---
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	3	25		Preserves, jams, jellies, and fruit butters.....	1	---
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	---		Salad dressings.....	2	---
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	2	---		Sausage casings—not made in meat-packing establishments.....	1	---
4	Fur coats and other fur garments, accessories, and trimmings.....	2	---		Special dairy products.....	2	---
	Miscellaneous fabricated textile products not elsewhere classified.....	1	---	2	Cigars.....	2	---
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1	---	3	Batting, padding, and wadding; upholstery filling.....	1	---
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3	49		Carpets and rugs, wool.....	1	---
6	Caskets, coffins, burial cases, and other morticians' goods.....	1	---		Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	---
	Mattresses and bedsprings.....	2	---		Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1	---
	Partitions, shelving, cabinet work, and office and store fixtures.....	1	---		Hosiery—full-fashioned.....	1	---
	Wooden boxes except cigar boxes.....	1	---		Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	2	---
7	Paperboard containers and boxes not elsewhere classified.....	1	---		Knitted underwear.....	2	---
8	Bookbinding and related industries.....	2	---		Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	1	---
	Newspapers: publishing and printing.....	7	200	4	Canvas products (except bags).....	1	---
	Newspapers: publishing without printing.....	1	---		Clothing, leather and sheep-lined.....	2	---
	Periodicals: publishing and printing.....	1	---		Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	3	---
	Periodicals: publishing without printing.....	7	---		Curtains, draperies, and bedspreads—contract factories.....	1	---
	Photoengraving, not done in printing establishments (including preparation of plates).....	1	---		Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	---
9	Chemicals not elsewhere classified.....	1	---		Embroderies, other than Schiffli-machine products—contract factories.....	1	---
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2	---		House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	339
	Drugs and medicines (including drug grinding).....	1	---		Housefurnishings (except curtains, draperies, and bedspreads).....	2	---
	Lubricating oils and greases—not made in petroleum refineries.....	1	---		Men's and boys' hats and caps (except felt and straw).....	1	---
	Paints, varnishes, and lacquers.....	3	31		Men's and boys' shirts (except work shirts), collars, and night-wear—made in inside factories or by jobbers engaging contractors.....	2	---
	Salt.....	1	---		Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	7	284
10	Fuel briquets.....	1	---		Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	33
	Oven coke and coke-oven byproducts.....	2	---		Millinery.....	2	---
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	---		Miscellaneous fabricated textile products not elsewhere classified.....	3	9
13	Brick and hollow structural tile.....	1	---		Suspenders, garters, and other goods made from purchased elastic material.....	1	---
	Cement.....	1	---		Trousers (semidress), wash suits, and washable service apparel.....	2	---
	Lime.....	1	---		Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	---
14	Blast-furnace products.....	2	---		Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	12	---
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	1	---		Women's, children's, and infants' underwear and night-wear of cotton and flannelette woven fabrics.....	1	---
	Gray-iron and semisteel castings.....	2	---		Women's children's, and infants' underwear and nightwear of knitted fabrics.....	2	---
	Steel works and rolling mills.....	1	---		Women's, children's, and infants' underwear and night-wear of silk and rayon woven fabrics.....	1	---
	Tools (except edge tools, machine tools, files, and saws).....	1	---		Work gloves and mittens: cloth, cloth and leather combined.....	2	---
15	Electroplating, plating, and polishing.....	1	---	6	Baskets for fruits and vegetables.....	1	---
	Nonferrous-metal foundries (except aluminum).....	1	---		Caskets, coffins, burial cases, and other morticians' goods.....	4	83
	Sheet-metal work not specifically classified.....	3	32		Cooperage.....	1	---
17	Construction and similar machinery (except mining and oil-field machinery and tools).....	1	---		Excelsior.....	1	---
	Laundry equipment, domestic.....	1	---		Laboratory, hospital, and other professional furniture.....	1	---
	Machine-shop products, not elsewhere classified.....	1	---		Mattresses and bedsprings.....	3	---
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	2	---		Mirror frames and picture frames.....	1	---
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	---		Office furniture.....	1	---
19	Shipbuilding and ship repairing.....	2	---		Public-building furniture.....	2	---
20	Brooms.....	1	---		Venetian blinds.....	2	---
	Miscellaneous fabricated products not elsewhere classified.....	1	---		Window and door screens and weather strip.....	3	174
	Signs, advertising displays, and advertising novelties.....	2	---		Wooden boxes except cigar boxes.....	5	29
					Wood products not elsewhere classified.....	2	---
				7	Coated and glazed paper.....	1	---
					Converted paper products not elsewhere classified.....	1	---
					Paper and paperboard mills.....	2	---

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
MINNEAPOLIS—Continued				MINNEAPOLIS—Continued			
9	Bookbinding and related industries.....	9	132	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	8	
	Books: publishing and printing.....	2			Special-industry machinery, not elsewhere classified.....	2	
	Electrotyping and stereotyping, not done in printing establishments.....	3			Stokers, mechanical, domestic and industrial.....	1	
	Greeting cards (except hand-painted).....	2			Tractors.....	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	91		Vending, amusement, and other coin-operated machines.....	1	
	Newspapers: publishing and printing.....	6	890		Woodworking machinery.....	1	
	Newspapers: publishing without printing.....	2					
9	Bluing.....	1		18	Automobile trailers (for attachment to passenger cars).....	1	
	Chemicals not elsewhere classified.....	2		20	Beauty-shop and barber-shop equipment.....	5	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	8	63		Brushes.....	4	
	Drugs and medicines (including drug grinding).....	13			Children's vehicles.....	2	
	Glove and gelatin.....	2			Dental equipment and supplies.....	2	
	Lined oil, cake, and meal.....	4			Games and toys (except dolls and children's vehicles).....	1	
	Perfumes, cosmetics, and other toilet preparations.....	4			Hand stamps, stencils, and brands.....	4	23
	Printing ink.....	1			Miscellaneous fabricated products not elsewhere classified.....	3	
	Soap and glycerin.....	7			Photographic apparatus and materials and projection equipment (except lenses).....	1	
	Writing ink.....	1			Professional and scientific instruments (except surgical and dental).....	1	
10	Fuel briquets.....	3			Signs, advertising displays, and advertising novelties.....	19	181
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	2			Tobacco pipes and cigarette holders.....	1	
11	Rubber products not elsewhere classified.....	2		ST. PAUL			
12	Footwear (except rubber).....	2		1	Biscuit, crackers, and pretzels.....	2	
	Industrial leather belting and packing leather.....	2			Candy and other confectionery products.....	8	180
	Saddlery, harness, and whips.....	3	8		Cereal preparations.....	1	
	Small leather goods.....	1			Condensed and evaporated milk.....	2	
	Suitcases, brief cases, bags, trunks, and other luggage.....	1			Flavoring extracts and flavoring sirups, not elsewhere classified.....	4	
13	Mineral wool.....	1			Flour and other grain-mill products.....	3	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	5			Ice, manufactured.....	3	19
	Steam and other packing; pipe and boiler covering.....	1			Liquors, rectified or blended.....	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1			Macaroni, spaghetti, vermicelli, and noodles.....	2	
14	Automobile stampings.....	1			Malt.....	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	147		Malt liquors.....	3	
	Doors, window sash, frames, molding, and trim (made of metal).....	1			Meat packing, wholesale.....	3	212
	Enameling, japanning, and lacquering.....	1			Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1			Poultry dressing and packing, wholesale.....	2	
	Hardware not elsewhere classified.....	2			Preserves, jams, jellies, and fruit butters.....	3	
	Heating and cooking apparatus, except electric, not elsewhere classified.....	2			Sausage casings—not made in meat-packing establishments.....	1	
	Oil burners, domestic and industrial.....	5		2	Wines.....	1	
	Power boilers and associated products.....	3			Cigars.....	2	
	Screw-machine products and wood screws.....	3	36		Tobacco (chewing and smoking) and snuff.....	1	
	Stamped and pressed metal products (except automobile stampings).....	4		3			
	Steam and hot-water heating apparatus (including hot-water furnaces).....	2			Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	
	Steam fittings, regardless of material.....	1			Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1	
	Steel barrels, kegs, and drums.....	1			Knitted cloth.....	1	
	Steel castings.....	1			Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5			Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	
	Tin cans and other tinware not elsewhere classified.....	1		4			
	Tools (except edge tools, machine tools, files, and saws).....	3			Canvas products (except bags).....	3	
15	Alloying and rolling and drawing of nonferrous metals, except aluminum.....	1			Clothing, leather and sheep-lined.....	2	
	Jewelry (precious metals).....	9			Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	
	Nonferrous-metal products not elsewhere classified.....	2			Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	
16	Automotive electrical equipment.....	1			Dress and semidress gloves and mittens: cloth, cloth and leather combined.....	1	
	Batteries, storage and primary (dry and wet).....	2			Embroideries, other than Schiffli-machine products—contract factories.....	1	
	Communication equipment.....	3			House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	6	62
	Electrical measuring instruments.....	1			Housefurnishings (except curtains, draperies, and bedspreads).....	4	
	Electrical products not elsewhere classified.....	2			Men's and boys' hats and caps (except felt and straw).....	1	
	Radios, radio tubes, and phonographs.....	1			Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1	
	X-ray and therapeutic apparatus and electronic tubes.....	1			Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	3	71
17	Agricultural machinery (except tractors).....	4			Millinery.....	2	
	Blowers; exhaust and ventilating fans.....	2			Miscellaneous fabricated textile products not elsewhere classified.....	2	
	Commercial laundry, dry-cleaning, and pressing machinery.....	5	27		Suspenders, garters, and other goods made from purchased elastic material.....	1	
	Construction and similar machinery (except mining and oil-field machinery and tools).....	5			Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	
	Elevators, escalators, and conveyors.....	2			Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	1	
	Industrial machinery not elsewhere classified.....	13			Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	2	
	Internal-combustion engines.....	1					
	Machine tools.....	1					
	Measuring and dispensing pumps.....	2					
	Mechanical power-transmission equipment.....	2					
	Metalworking machinery and equipment, not elsewhere classified.....	4					
	Paper-mill, pulp-mill, and paper-products machinery.....	1					
	Printing-trades machinery and equipment.....	6					
	Pumping equipment and air compressors.....	1					

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
ST. PAUL—Continued				ST. PAUL—Continued			
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1	-----	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	4	-----
6	Baskets for fruits and vegetables.....	1	-----		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----
	Caskets, coffins, burial cases, and other morticians' goods.....	3	43		Hardware not elsewhere classified.....	2	-----
	Cigar boxes: wooden, part wooden.....	1	-----		Heating and cooking apparatus, except electric, not elsewhere classified.....	1	-----
	Cooperage.....	2	-----		Malleable-iron castings.....	1	-----
	Household furniture, except upholstered.....	5	36		Oil burners, domestic and industrial.....	1	-----
	Mattresses and bedsprings.....	4	291		Power boilers and associated products.....	1	-----
	Office furniture.....	2	-----		Steam fittings, regardless of material.....	1	-----
	Window shades.....	3	10		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	2	-----
	Wooden boxes except cigar boxes.....	3	-----		Tin cans and other tinware not elsewhere classified.....	2	-----
	Wood preserving.....	3	71		Tools (except edge tools, machine tools, files, and saws).....	2	-----
7	Converted paper products not elsewhere classified.....	1	-----		Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Fiber cans, tubes, and similar products.....	1	-----	15	Electroplating, plating, and polishing.....	3	-----
	Paper and paperboard mills.....	1	-----		Nonferrous-metal foundries (except aluminum).....	1	-----
	Paperboard containers and boxes not elsewhere classified.....	6	-----		Nonferrous-metal products not elsewhere classified.....	3	40
8	Bookbinding and related industries.....	6	56	16	Batteries, storage and primary (dry and wet).....	4	-----
	Books: printing without publishing.....	3	-----		Communication equipment.....	1	-----
	Books: publishing and printing.....	1	-----		Electrical appliances.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	2	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	27
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	-----		Radios, radio tubes, and phonographs.....	2	-----
	Newspapers: publishing and printing.....	2	-----		Wiring devices and supplies.....	1	-----
	Newspapers: publishing without printing.....	3	-----	17	Agricultural machinery (except tractors).....	2	-----
	Photoengraving, not done in printing establishments (including preparation of plates).....	5	70		Construction and similar machinery (except mining and oil-field machinery and tools).....	1	-----
9	Chemicals not elsewhere classified.....	1	-----		Elevators, escalators, and conveyors.....	2	-----
	Cleaning and polishing preparations, blackings, and dressings.....	3	-----		Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	4	-----
	Coal-tar products, crude and intermediate.....	1	-----		Paper-mill, pulp-mill, and paper-products machinery.....	1	-----
	Fertilizers.....	1	-----		Printing-trades machinery and equipment.....	2	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	4	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	2	-----
	Lubricating oils and greases—not made in petroleum refineries.....	3	-----		Woodworking machinery.....	1	-----
	Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	6	-----
	Printing ink.....	1	-----	19	Cars and car equipment—railroad, street, and rapid-transit.....	1	-----
	Soap and glycerin.....	2	-----		Transportation equipment not elsewhere classified.....	2	-----
10	Fuel briquets.....	1	-----	20	Beauty-shop and barber-shop equipment.....	2	-----
	Oven coke and coke-oven byproducts.....	1	-----		Brooms.....	1	-----
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	-----		Brushes.....	1	-----
12	Industrial leather belting and packing leather.....	1	-----		Buttons.....	1	-----
	Leather gloves and mittens.....	1	-----		Dental equipment and supplies.....	2	-----
	Saddlery, harness, and whips.....	3	35		Fire extinguishers, chemical.....	1	-----
13	Abrasive wheels, stones, paper, cloth, and related products.....	1	-----		Furs, dressed and dyed.....	1	-----
	Brick and hollow structural tile.....	1	-----		Games and toys (except dolls and children's vehicles).....	3	18
	Flat glass.....	1	-----		Hand stamps, stencils, and brands.....	1	-----
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1	-----		Jewelry cases and instrument cases.....	1	-----
	Statuary and art goods (except stone and concrete)—factory production.....	1	-----		Miscellaneous fabricated products not elsewhere classified.....	1	-----
	Steam and other packing; pipe and boiler covering.....	1	-----		Signs, advertising displays, and advertising novelties.....	8	197
14	Doors, window sash, frames, molding, and trim (made of metal).....	1	-----		Soda fountains, beer dispensing equipment, and related products.....	1	-----
	Enameling, japanning, and lacquering.....	1	-----		Sporting and athletic goods not elsewhere classified.....	4	-----

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MISSISSIPPI

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

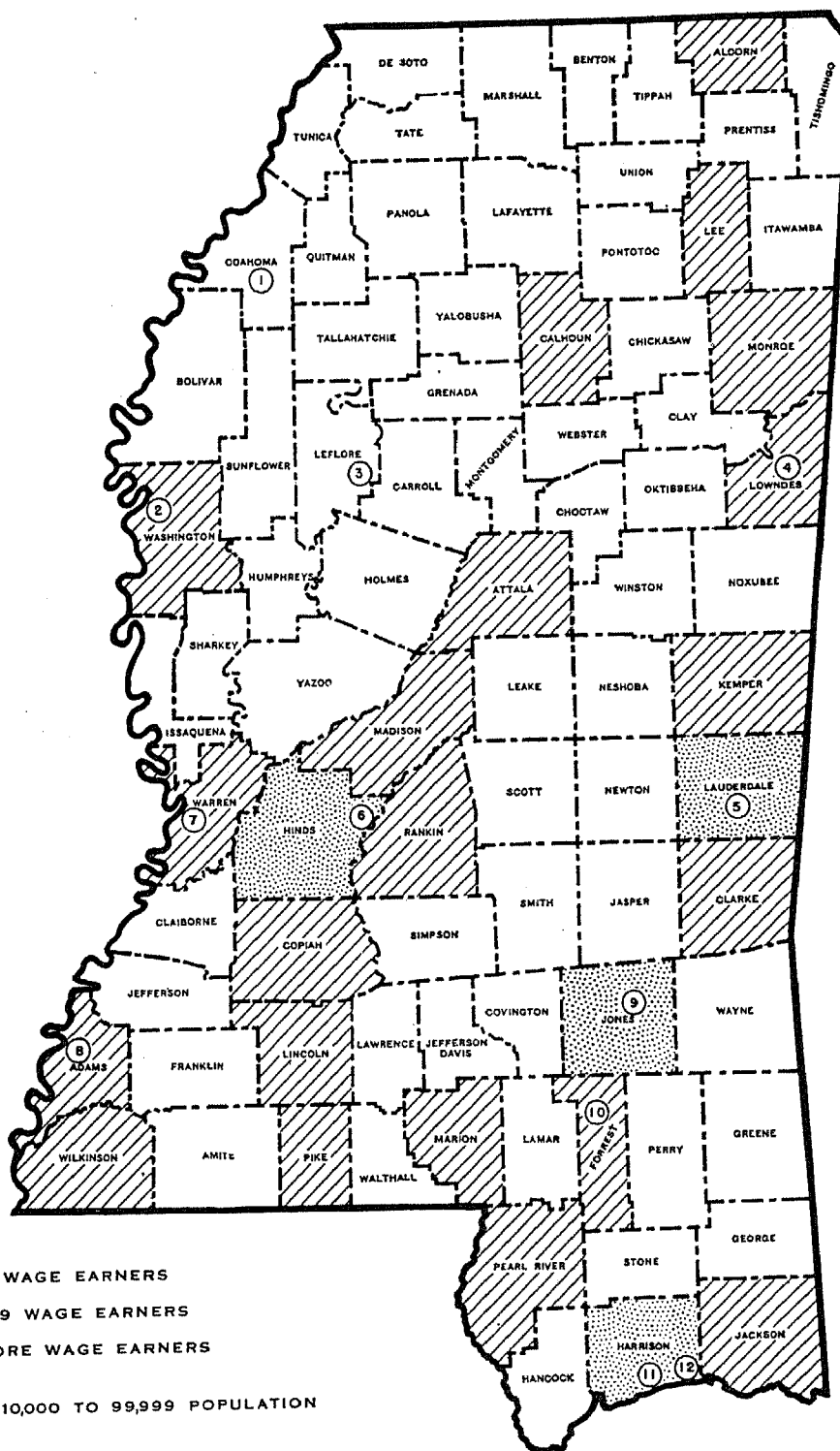
BILOXI	12
CLARKSDALE	1
COLUMBUS	4
GREENVILLE	2
GREENWOOD	3
GULFPORT	11
HATTIESBURG	10
JACKSON	6
LAUREL	9
MERIDIAN	5
NATCHEZ	8
VICKSBURG	7

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION



Prepared by the Bureau of the Census, Department of Commerce

MISSISSIPPI

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ⁴
1939.....	1,294	976	50,014	\$34,083,640	\$101,474,875	\$174,937,294	\$73,462,419
1937.....	1,100	771	49,246	32,091,639	114,445,825	190,670,510	76,224,685
1929.....	1,870	1,532	53,581	47,241,557	110,593,953	213,185,820	102,591,867

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
The State.....	2,183,796	1,294	46,350	\$27,437,088	\$101,474,875	\$174,937,294	\$73,462,419
COUNTIES ⁶							
Adams.....	27,238	25	1,687	1,002,147	3,404,132	6,861,161	3,457,029
Alcorn.....	26,960	17	1,011	610,958	2,523,408	3,972,104	1,448,696
Amite.....	21,892	11	266	152,909	464,482	842,427	377,945
Attala.....	30,227	32	1,014	590,883	2,485,739	3,859,967	1,374,228
Benton ⁷	10,429						
Bolivar.....	67,574	16	180	111,025	944,820	1,874,187	420,367
Calhoun.....	20,893	28	593	339,992	890,183	1,561,452	671,269
Carroll.....	29,651	6	141	59,318	196,305	409,236	212,931
Chickasaw.....	21,427	14	128	81,778	281,102	515,510	234,408
Choctaw.....	13,548	15	140	57,327	275,959	445,513	169,554
Claiborne.....	12,810	11	360	173,027	910,201	1,256,107	345,906
Clarke.....	29,596	24	1,156	575,170	951,289	1,962,167	1,010,878
Clay.....	19,060	18	455	257,919	1,169,183	1,714,612	545,429
Coahoma.....	45,333	19	434	333,249	2,654,909	3,619,245	964,336
Copiah.....	33,974	21	774	350,495	1,295,175	2,182,789	944,614
Covington ⁷	17,090	1					
De Soto ⁷	26,693	2					
Forrest.....	34,901	43	1,638	1,061,893	3,941,635	8,424,028	4,482,395
Franklin ⁷	12,504	5	374				
George ⁷	8,704	5	81				
Greene.....	9,512	13	270	133,138	209,651	442,596	222,945
Grenada.....	19,652	13	398	203,654	1,688,114	2,436,537	748,423
Hancock.....	11,328	12	82	36,137	212,746	359,404	146,658
Harrison.....	56,799	55	2,660	1,016,195	4,155,373	7,460,211	3,304,838
Hinds.....	107,273	113	2,860	1,893,238	11,886,890	20,058,367	8,171,477
Holmes.....	39,710	17	239	140,185	318,033	637,384	319,351
Humphreys.....	26,257	6	124	71,196	334,288	562,725	228,437
Issaquena ⁸	6,433						
Itawamba.....	19,922	6	215	90,896	287,192	493,727	206,535
Jackson.....	20,601	27	2,050	1,640,234	7,477,394	11,893,701	4,416,307
Jasper.....	19,484	12	109	45,652	46,943	153,480	106,537
Jefferson.....	13,969	5	99	35,417	54,383	125,854	71,471
Jefferson Davis.....	15,869	5	33	13,230	39,830	82,414	42,584
Jones.....	49,227	41	3,827	2,782,803	5,250,159	9,752,016	4,501,857
Kemper.....	21,867	10	691	504,392	520,578	1,556,313	1,035,735
Lafayette.....	21,257	8	58	31,401	64,746	152,394	87,648
Lamar ⁷	12,696	2					
Lauderdale.....	58,247	57	2,684	1,556,896	5,798,031	9,722,253	3,922,622
Lawrence ⁷	13,963	5	146				
Leake.....	24,570	14	333	163,939	395,822	889,241	483,419
Lee.....	38,838	25	881	533,103	2,131,362	3,535,438	1,404,076
Leflore.....	53,496	26	444	315,299	3,488,717	4,696,057	1,297,340
Lincoln.....	27,506	17	760	364,249	1,142,283	1,996,719	854,436
Lowndes.....	35,245	31	1,621	937,662	2,840,145	5,033,333	2,193,188
Madison.....	37,504	13	1,236	905,452	1,371,291	3,078,548	1,707,257
Marion.....	24,085	14	967	520,733	1,411,191	2,779,570	1,368,379
Marshall.....	25,522	3	23	12,254	32,932	32,932	27,709
Monroe.....	37,648	28	643	330,626	1,118,870	1,854,239	735,369
Montgomery.....	15,703	9	222	101,067	233,459	415,074	181,615
Neshoba.....	27,882	12	399	164,804	497,079	944,713	447,634

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of products ⁴	Value added by manu- facture ⁴
COUNTIES ⁵ —continued							
Newton.....	24,249	21	423	\$188,473	\$793,689	\$1,422,351	\$628,662
Noxubee.....	25,669	12	249	143,551	1,013,257	1,371,911	358,654
Oktibbeha.....	22,151	13	303	166,562	1,596,107	2,196,076	599,969
Panola.....	34,421	13	116	76,114	447,760	717,073	269,313
Pearl River.....	19,125	22	1,275	614,070	1,813,457	2,746,923	933,466
Perry.....	9,292	5	122	57,505	96,199	246,719	150,520
Pike.....	35,002	27	1,430	801,491	2,157,598	4,374,935	2,217,337
Pontotoc ⁷	22,904	5	41	—	—	—	—
Prentiss ⁷	20,921	5	280	—	—	—	—
Quitman ⁷	27,191	2	—	—	—	—	—
Rankin.....	27,934	16	868	566,218	1,528,303	3,236,860	1,708,557
Scott.....	23,144	10	472	279,614	493,221	1,223,551	730,330
Sharkey.....	15,433	4	133	60,816	156,918	252,550	95,632
Simpson.....	22,024	5	40	25,002	96,397	210,640	114,243
Smith ⁷	19,403	3	11	—	—	—	—
Stone ⁷	6,155	6	216	—	—	—	—
Sunflower ⁷	61,007	9	94	—	—	—	—
Tallahatchie ⁷	34,166	7	122	—	—	—	—
Tate ⁷	19,309	3	47	—	—	—	—
Tippah.....	19,680	11	106	41,766	207,437	321,205	113,768
Tishomingo ⁷	16,974	5	72	—	—	—	—
Tunica ⁷	22,610	5	93	—	—	—	—
Union.....	21,867	11	466	272,717	688,589	1,282,912	594,323
Walthall.....	17,534	7	89	39,673	73,698	226,202	152,504
Warren.....	39,595	38	1,158	711,235	2,012,038	3,737,920	1,725,882
Washington.....	67,570	30	1,505	997,339	4,697,862	8,350,440	3,352,578
Wayne.....	16,928	21	257	92,613	209,419	408,209	198,790
Webster.....	14,160	13	121	45,063	217,892	351,995	134,103
Wilkinson.....	15,955	16	1,064	619,059	1,292,624	2,555,354	1,262,730
Winston.....	22,751	8	364	210,452	769,468	1,411,600	642,132
Yalobusha.....	18,387	10	83	51,495	309,409	444,046	134,637
Yazoo.....	40,091	13	222	152,631	612,268	1,042,439	430,171
Undistributed ⁸	—	70	1,636	884,987	4,579,350	6,659,638	2,080,288
PLACES HAVING 10,000 OR MORE INHABITANTS							
Biloxi.....	17,475	29	1,433	362,873	1,685,079	3,103,143	1,418,064
Clarksdale ⁹	12,168	13	304	—	—	—	—
Columbus.....	13,645	22	1,084	664,333	2,000,587	3,543,267	1,542,680
Greenville ⁹	20,802	24	1,364	—	—	—	—
Greenwood.....	14,767	17	194	163,686	1,465,594	2,108,418	642,824
Gulfport.....	15,195	16	840	487,239	1,651,353	3,067,551	1,416,198
Hattiesburg.....	21,026	31	1,270	866,733	3,443,950	7,509,313	4,065,303
Jackson.....	62,107	96	2,270	1,535,269	10,098,268	10,663,096	6,564,843
Laurel.....	20,598	34	3,631	2,690,272	4,968,210	9,188,466	4,220,256
Meridian.....	35,481	48	2,582	1,529,632	5,724,354	9,558,747	3,834,393
Natchez ⁹	15,296	19	1,173	—	—	—	—
Vicksburg.....	24,460	32	965	620,149	1,841,088	3,354,705	1,513,617

¹ Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

² Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵ For numbers of establishments by "Industry groups," see table 9.

⁶ No manufacturing reported.

⁷ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁸ The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

⁹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	57,897	53,644	Salaried officers and employees—Continued.		
Male	44,642	49,565	All other employees, etc.—Continued.		
Female	13,255	4,079	Engaged in manufacturing:		
Salaried officers and employees, total	6,234	3,926	Male	2,357	
Male	5,260	3,431	Female	730	
Female	974	495	Engaged in distribution:		
Salaried officers of corporations, total	568	544	Male	1,961	
Male	530	526	Female	197	
Female	38	18	Engaged in construction:		
All other employees (except wage earners in manufacturing), total	5,666	3,382	Male	266	
Male	4,730	2,905	Engaged in other work:		
Female	936	477	Male	146	
			Female	9	
			Wage earners engaged in manufacturing, total	51,663	49,718
			Male	39,382	46,134
			Female	12,281	3,584

¹ See headnote.

² Figures do not include data for 976 proprietors and firm members for 1939 and 1,532 for 1929, which were not reported by sex for 1939.

³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939	46,359	44,264	45,343	46,389	45,408	43,680	44,031	44,081	46,508	49,127	50,192	49,024	48,262
1937	46,040	45,425	46,763	46,878	47,140	45,108	46,246	44,710	47,518	48,659	46,821	44,609	42,608
1929	49,655	49,474	49,204	49,273	50,024	49,349	49,123	49,678	50,278	51,071	50,748	49,570	48,073

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
All establishments	1,294	1,870	46,359	49,655	\$174,937,294	\$73,462,419
No wage earners	14	8			126,035	76,839
1 to 5	491	1,093	1,347	4,553	10,894,838	5,814,195
6 to 20	383	396	4,203	4,416	19,397,501	9,244,198
21 to 50	216	180	6,998	5,991	35,146,478	12,676,833
51 to 100	90	85	6,216	6,310	30,381,495	10,134,185
101 to 250	63	65	9,905	9,989	32,306,386	13,363,638
251 to 500	25	33	8,572	11,848	23,823,094	10,449,339
501 to 1,000	10	10				
1,001 to 2,500	2		9,118	6,848	22,861,467	11,703,172

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

³ Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	1,294	1,870	46,359	49,655	\$174,937,294	\$213,185,820	\$73,462,419	\$102,591,867
\$5,000 to \$19,999.....	504	1,022	2,547	4,717	5,274,995	9,073,030	3,220,532	5,961,786
\$20,000 to \$49,999.....	274	282	2,683	3,051	8,613,935	8,784,245	4,720,118	5,467,110
\$50,000 to \$99,999.....	179	208	3,904	3,511	12,935,409	14,645,453	6,729,572	7,457,552
\$100,000 to \$249,999.....	166	167	7,223	7,163	25,961,160	25,570,001	12,005,301	13,045,038
\$250,000 to \$499,999.....	87	83	8,597	7,197	29,937,476	28,907,634	11,215,878	13,665,595
\$500,000 to \$999,999.....	48	54	7,172	7,157	31,083,329	38,200,882	10,733,980	14,483,337
\$1,000,000 to \$2,499,999.....	32	47	11,371	14,675	46,714,600	67,889,414	18,033,454	35,064,700
\$2,500,000 to \$4,999,999.....	4	7	2,562	2,184	13,816,339	20,052,161	6,787,584	7,383,749

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	1,294	1,870	46,359	49,655	\$174,937,294	\$213,185,820	\$73,462,419	\$102,591,867
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit)...	303	(4)	25,243	(2)	101,050,604	(3)	39,417,372	(4)
Independent (single-unit).....	250	(2)	11,437	(2)	49,986,069	(4)	19,043,700	(4)
Noncorporate ownership:								
Central-administrative-office (plural-unit)...	80	(2)	2,264	(2)	7,527,884	(3)	3,393,401	(3)
Independent (single-unit).....	655	(2)	7,415	(2)	25,372,647	(2)	11,617,940	(4)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	383	249	27,507	20,268	108,578,578	100,138,212	42,800,773	45,602,458
Independent (single-unit), corporate and noncorporate.....	911	1,621	18,852	29,387	66,358,716	113,047,608	30,661,646	56,989,409
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	559	573	36,680	37,978	142,036,703	178,781,888	58,461,078	83,294,285
Noncorporate, total.....	735	1,297	9,679	11,677	32,900,531	34,403,932	15,001,341	19,297,582
Individual.....	537	(4)	5,743	(2)	16,716,922	(4)	8,117,939	(4)
Partnership.....	191	(4)	3,756	(2)	13,762,571	(4)	6,404,153	(4)
Cooperative.....	6							
Other.....	1		180		2,421,033		479,249	

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.⁴ No data.⁵ Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments are given, however, reported larger numbers of wage earners]

Group No.	INDUSTRY	*Number of establishments	*Pro- pri- etors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corpo- rations ³	Manufacturing		Distri- bution	Con- struc- tion	Other
						Salaried employ- ees ⁴	Wage earners (average for year) ⁵			
1	All industries, total.....	1,294	976	52,593	568	3,087	46,359	2,158	266	155
2	1 Blended and prepared flour made from purchased flour.....	3	74	77	3	8	52	14	3	11
3	1 Bread, and other bakery products (except biscuit, crackers, and pretzels).....	61	14	944	14	75	757	84	8	11
4	13 Brick and hollow structural tile.....	14	5	493	11	22	441	8	6	6
5	20 Brooms.....	4	8	37	6	3	28	26	1	1
6	1 Candy and other confectionery products.....	12	5	136	6	4	100	26	1	1
7	1 Canned and dried fruits and vegetables (including canned soups).....	7	4	196	3	10	177	5	1	1
8	1 Canned fish, crustacea, and mollusks.....	15	6	1,673	14	42	1,592	26	1	1
9	1 Cheese.....	14	1	90	10	71	101	1	1	1
10	13 Concrete products.....	7	2	120	4	6	106	4	1	1
11	1 Condensed and evaporated milk.....	8	5	234	24	24	206	2	2	2
12	3 Cotton broad woven goods.....	9	1	2,705	5	59	2,620	12	1	1
13	9 Cottonseed oil, cake, meal, and linters.....	41	1	2,494	44	248	2,131	87	7	7
14	1 Creamery butter.....	11	4	168	4	29	101	34	1	1
15	9 Fertilizers.....	13	1	460	10	24	369	30	1	17
16	1 Flour and other grain-mill products.....	3	1	100	2	5	61	29	1	2
17	8 General commercial (job) printing.....	32	30	265	15	36	170	44	1	1
18	9 Gum naval stores (processing but not gathering or warehousing).....	24	23	55	4	23	27	1	4	5
19	3 Hosiery—full-fashioned.....	4	1	745	2	32	701	1	1	1
20	3 Hosiery—seamless.....	3	1	1,033	3	34	996	105	2	6
21	1 Ice cream and ices.....	26	16	266	15	37	101	105	2	6
22	1 Ice, manufactured.....	110	55	865	28	79	279	471	5	3
23	5 Logging camps and logging contractors (not operating sawmills).....	30	34	290	7	7	283	14	2	1
24	17 Machine-shop products, not elsewhere classified.....	5	2	116	6	11	83	14	2	1
25	17 Machine-shop repairs.....	22	23	178	10	16	145	8	1	1
26	6 Mattresses and bedsprings.....	4	3	47	4	7	36	1	1	1
27	1 Meat packing, wholesale.....	7	10	199	4	8	131	53	1	3
28	4 Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	6	1	1,742	1	71	1,659	2	5	4
29	13 Monuments, tombstones, cut-stone, and stone products, not elsewhere classified.....	6	6	97	43	7	74	16	1	1
30	8 Newspapers: publishing and printing.....	87	78	792	71	89	407	107	17	6
31	1 Nonalcoholic beverages.....	89	80	1,031	71	89	397	451	1	6
32	6 Partitions, shelving, cabinet work, and office and store fixtures.....	3	7	87	1	1	74	8	1	3
33	8 Periodicals: publishing without printing.....	3	1	8	2	6	1	1	1	1
34	6 Planing mills not operated in conjunction with sawmills.....	68	59	3,012	15	185	2,755	54	1	3
35	6 Plywood mills.....	4	3	277	2	13	258	4	1	1
36	1 Poultry dressing and packing, wholesale.....	5	4	24	2	2	11	11	1	1
37	1 Prepared feeds (including mineral) for animals and fowls.....	6	3	151	1	23	100	23	1	4
38	1 Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	8	1	45	3	3	33	6	1	1
39	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and planing mills.....	396	364	16,515	106	639	15,502	215	51	9
40	6 Wooden boxes except cigar boxes.....	9	1	1,239	6	52	1,173	8	1	3
41	9 Wood naval stores.....	7	6	1,154	13	132	934	13	59	3
42	6 Wood preserving.....	11	4	1,005	9	73	903	19	1	1
43	6 Wood products not elsewhere classified.....	8	4	296	6	12	275	3	1	1
44	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	5	1	2,090	7	43	1,983	52	1	5
45	4 Work shirts.....	8	1	2,448	6	115	2,266	22	3	36
46	Other industries ⁶	82	48	6,787	68	532	5,613	149	93	32
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
47	1 Food and kindred products.....	10	2	374	7	19	313	32	1	2
48	6 Furniture and finished lumber products.....	9	10	227	4	8	204	8	1	3
49	8 Printing, publishing, and allied industries.....	6	6	55	3	8	37	7	1	1
50	9 Chemicals and allied products.....	8	6	69	7	14	29	19	1	1
51	13 Stone, clay, and glass products.....	5	4	1,912	6	151	1,728	11	10	6
52	14 Iron and steel and their products, except machinery.....	10	2	174	9	19	138	8	1	1
53	17 Machinery (except electrical).....	4	2	68	4	5	51	8	1	1
54	3 Textile-mill products and other fiber manufactures.....	4	1	1	1	1	1	1	1	1
55	4 Apparel and other finished products made from fabrics and similar materials.....	4	1	1	1	1	1	1	1	1
56	7 Paper and allied products.....	5	1	1	1	1	1	1	1	1
57	11 Rubber products.....	1	1	1	1	1	1	1	1	1
58	12 Leather and leather products.....	1	1	1	1	1	1	1	1	1
59	15 Nonferrous metals and their products.....	2	1	1	1	1	1	1	1	1
60	16 Electrical machinery.....	1	1	1	1	1	1	1	1	1
61	18 Automobiles and automobile equipment.....	3	1	1	1	1	1	1	1	1
62	19 Transportation equipment except automobile.....	5	1	1	1	1	1	1	1	1
63	20 Miscellaneous industries.....	4	1	1	1	1	1	1	1	1

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ See heading to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

² Figures do not include data for personnel of central-administrative offices.

³ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
36,910,707	2,081,906	4,504,552	27,437,088	2,872,980	281,557	172,524	101,474,875	96,569,539	2,045,112	1,060,009	891,215	174,937,294	73,462,419	1
93,027	8,855	15,692	31,040	37,440	—	—	1,071,020	1,063,987	100	6,933	—	1,308,415	237,395	2
861,119	29,527	108,070	642,908	69,943	3,289	7,376	1,754,021	1,667,814	36,795	49,409	—	3,787,677	2,033,656	3
306,550	35,510	31,064	216,395	14,203	8,898	480	230,397	75,014	135,776	19,607	—	756,584	526,487	4
30,217	2,400	20,144	7,673	—	—	—	52,091	51,017	—	899	—	89,616	37,525	5
107,707	22,800	2,050	55,793	27,004	—	—	402,672	395,604	3,902	3,166	—	631,389	228,717	6
74,068	11,882	8,820	50,462	2,636	268	—	410,905	401,195	7,191	2,519	—	624,235	213,330	7
435,285	37,147	41,203	333,967	22,968	—	—	1,780,366	1,747,425	24,898	5,785	8,268	3,045,322	1,258,950	8
79,927	—	17,343	62,684	—	—	—	735,171	714,261	9,958	10,952	—	932,170	196,999	9
105,090	15,042	12,560	74,380	3,108	—	—	185,751	178,900	2,438	4,413	—	538,130	352,379	10
221,601	—	40,973	177,478	1,370	2,080	—	2,608,299	2,623,260	34,836	10,203	—	3,340,377	672,078	11
1,581,279	15,243	108,833	1,450,715	6,488	—	—	2,424,237	2,160,102	104,741	169,394	—	4,220,114	1,795,877	12
1,910,527	119,371	463,037	1,202,684	111,264	7,046	5,025	20,203,976	19,668,289	282,844	282,843	—	24,794,441	4,630,465	13
137,213	7,080	40,005	68,963	21,165	—	—	1,588,032	1,554,844	12,612	20,576	—	1,028,647	340,016	14
321,660	32,048	38,973	184,164	37,049	374	20,061	2,208,930	2,180,106	378	28,446	—	3,200,683	1,081,763	15
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	16
349,516	34,225	56,445	197,012	60,934	—	—	322,270	302,430	2,216	14,065	3,559	1,005,075	682,805	17
30,440	7,970	12,823	9,397	—	250	—	333,898	332,571	1,034	193	100	469,063	135,165	18
494,683	8,850	55,772	416,919	1,670	6,773	4,609	892,970	873,333	3,231	16,415	—	1,518,910	625,940	19
648,717	12,637	54,683	581,397	37,049	—	—	633,916	611,032	7,286	14,698	—	1,417,730	753,814	20
206,446	72,935	46,518	73,041	97,495	2,800	3,657	854,481	801,289	15,343	37,780	69	1,650,241	804,760	21
731,087	74,780	105,248	221,071	322,663	2,749	3,670	392,115	110,144	102,470	179,495	—	1,969,167	1,607,052	22
164,206	—	7,822	156,384	—	—	—	217,093	192,564	24,529	—	—	636,631	419,538	23
148,802	32,300	17,556	84,729	13,827	480	—	224,932	217,510	2,934	4,458	—	444,917	219,985	24
192,665	20,305	18,621	139,651	13,906	—	—	147,033	135,364	2,397	9,272	—	470,370	323,337	25
43,566	10,800	8,999	23,967	—	—	—	108,618	106,627	1,991	—	—	186,341	77,823	26
161,947	8,320	7,392	89,802	54,717	—	1,710	1,734,182	1,714,010	4,852	15,320	—	2,066,131	361,949	27
902,870	6,000	75,580	801,767	4,413	10,378	4,782	2,062,827	2,043,089	3,427	16,311	—	3,596,311	1,533,484	28
92,613	—	10,508	60,195	21,910	—	—	138,189	130,045	488	7,650	—	364,964	226,775	29
1,037,850	138,661	283,188	488,289	127,712	—	—	603,203	529,530	9,623	44,017	20,033	2,755,761	2,152,568	30
1,321,498	207,685	118,375	288,798	527,553	13,035	27,052	3,065,873	2,983,112	21,135	61,543	83	7,387,434	4,321,561	31
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	32
15,860	5,700	10,160	—	—	—	—	20,757	4,609	—	—	—	53,442	32,685	33
1,775,998	63,700	215,174	1,416,817	77,801	1,000	1,506	5,816,985	5,245,961	5,604	38,662	20,758	8,782,198	3,465,213	34
167,834	3,450	17,643	137,273	9,468	—	—	294,986	285,109	3,627	6,250	—	583,126	258,140	35
12,762	—	2,314	4,774	5,674	—	—	107,783	102,823	1,567	3,403	—	132,468	24,685	36
172,997	6,300	39,260	69,780	52,657	—	5,000	1,800,092	1,780,570	4,619	14,903	—	2,284,931	484,839	37
33,725	2,175	3,798	24,416	3,336	—	—	463,644	458,685	1,910	3,049	—	532,083	68,489	38
10,022,193	387,227	924,338	8,441,147	211,013	34,538	23,930	13,403,426	12,418,934	212,592	76,664	695,235	30,380,362	16,976,937	39
675,147	37,070	59,866	572,293	6,418	—	—	1,534,241	1,507,631	358	26,252	—	2,905,502	1,371,261	40
1,016,150	58,794	205,901	900,935	24,226	64,614	1,620	2,439,308	2,393,982	13,147	32,269	—	5,036,281	2,595,883	41
894,882	24,862	130,774	610,290	36,856	2,100	—	4,259,193	4,044,802	140,551	43,283	30,557	6,379,421	2,120,228	42
221,271	14,900	20,689	173,562	12,220	—	—	530,602	571,188	—	8,814	—	1,019,707	439,705	43
1,296,137	87,059	60,523	1,041,715	101,638	—	5,202	2,780,811	2,759,243	5,330	16,238	—	4,594,653	1,813,842	44
1,356,129	15,615	119,183	1,176,866	10,477	3,438	24,550	3,126,875	3,092,957	7,604	26,314	—	5,772,338	2,645,463	45
6,626,741	344,585	884,704	4,952,322	206,935	116,797	22,398	17,833,306	16,307,777	790,595	644,519	90,415	31,185,027	13,352,321	46
282,197	11,190	26,841	182,016	39,164	1,908	1,078	1,891,226	1,863,185	9,757	18,284	—	2,496,692	605,466	47
180,439	8,949	10,420	146,980	10,508	—	3,582	303,528	287,131	603	8,885	7,209	678,624	374,796	48
67,642	2,258	15,383	37,847	12,154	—	—	40,345	42,012	329	3,704	3,300	187,023	137,678	49
78,577	18,379	16,587	16,281	28,330	—	—	164,035	161,819	914	1,096	206	308,538	144,503	50
2,120,918	83,684	304,222	1,077,783	20,878	30,979	3,372	2,771,321	2,171,619	271,564	258,246	69,692	6,226,686	3,458,365	51
169,132	32,387	24,631	98,249	13,915	—	—	407,593	394,052	1,655	10,386	1,500	815,506	407,913	52
83,016	13,800	5,680	51,832	11,704	—	—	50,512	46,752	745	3,015	—	152,709	102,197	53
3,564,820	173,938	481,090	2,741,334	69,282	83,910	14,366	12,195,446	11,841,307	505,028	340,903	8,208	20,316,849	8,121,403	54

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

† Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

‡ For numbers of establishments and of wage earners in individual industries, see table 10.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	1,294	392		20	23	498	41	5	128	93		1	1	32	10	2	1	31	3	5	8
Adams.....	25	10			1	8	1		3			1						1			
Alcorn.....	17	9		1	1	1			2	2				1							
Amite.....	11	2				6	1		2												
Attala.....	32	9		1		19			1	1				1							
Bolivar.....	16	8				3			3	2											
Calhoun.....	28	3				24			1												
Carroll.....	6					5			1												
Chickasaw.....	14	6				4	2		2												
Choctaw.....	15	2				13															
Claiborne.....	11	2				7			1	1											
Clarke.....	24	2		1		20	1														
Clay.....	18	8		1	1	5	1		1									1			
Coahoma.....	19	9				6			2	2											
Copiah.....	21	5			1	10			2	2								1			
Covington.....	1								1												
De Soto.....	2	1				1															
Forrest.....	43	10		1	1	8	2		4	6				3	3	1		1	1		2
Franklin.....	5	1				4															
George.....	5	2				1				2											
Greene.....	13					6				7											
Grenada.....	13	3				4	2		3	1											
Hancock.....	12	4				4			1	3											
Harrison.....	55	35			1	4		1	7	4								2		1	
Hinds.....	113	43			1	18	6		19	7			1	8	3	1		4			2
Holmes.....	17	4		1		10			1											1	
Humphreys.....	6	2				1			1	1								1			
Iaawamba.....	6	1			1	4			1												
Jackson.....	27	4		1		9	1	3	1	3				1				1		2	1
Jasper.....	12	1				10			1												
Jefferson.....	5	1				3			1												
Jefferson Davis.....	5	1				2			1									1			
Jones.....	41	15		1	1	8	1		4	5				2	1			2		1	
Kemper.....	10	1				9															
Lafayette.....	8	3				4			1												
Lamar.....	2					1	1														
Lauderdale.....	57	18		4	1	15	4		5	3				3	1			1			2
Lawrence.....	5					4			1												
Leake.....	14	2				11			1												
Lee.....	25	10			4	3			4	2				2							
Leflore.....	26	10				4			3	5						1		2	1		
Lincoln.....	17	6			1	4			2	1				1				1			1
Lowndes.....	31	10			1	9	3		1	1				3	2			1			
Madison.....	13	2				7		1	2	1											
Marion.....	14	6		1	1	3	1		1	1											
Marshall.....	3	1							1					1							
Monroe.....	28	7			1	15			2	1				1				1			
Montgomery.....	9	2		1		5			1												
Neshoba.....	12	2				9			1												
Newton.....	21	3		1		15			1	1											
Noxubee.....	12	4				6			1												
Oktibbeha.....	13	5		1		6			2												
Panola.....	13	5				4			1	2											
Pearl River.....	22	5			1	9	2		2	2								1			
Perry.....	5	1				4															
Pike.....	27	9		4		7	3		2	2											
Pontotoc.....	5	2							1	1				1							
Prentiss.....	5	2			1	1															
Quitman.....	2	1							1												
Rankin.....	16	1				12	1		1					1							
Scott.....	16	2				10			3	1											
Sharkey.....	4	1				2												1			
Simpson.....	5	2				2				1											
Smith.....	3					2			1												
Stone.....	6	2				3				1											
Sunflower.....	9	6								2								1			
Tallahatchie.....	7	2				3			1	1				1							
Tate.....	3	1							1	1											
Tippah.....	11	2				8			1												
Tishomingo.....	5					5															
Tulsa.....	5	2				1			1	1											
Union.....	11	5			1	4				1											
Walthall.....	7	3				3			1												
Warren.....	35	14			2	9	3		4					1				3	1		
Washington.....	30	14				4		2	5									2			
Wayne.....	31					13	1		1									1			
Webster.....	13	1				11															
Wilkinson.....	16	3				11	1		1												
Winston.....	8	3				2	1		1												
Yalobusha.....	10	4				5			1					1							
Yazoo.....	13	4				5			2	1								1			

MISSISSIPPI

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TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

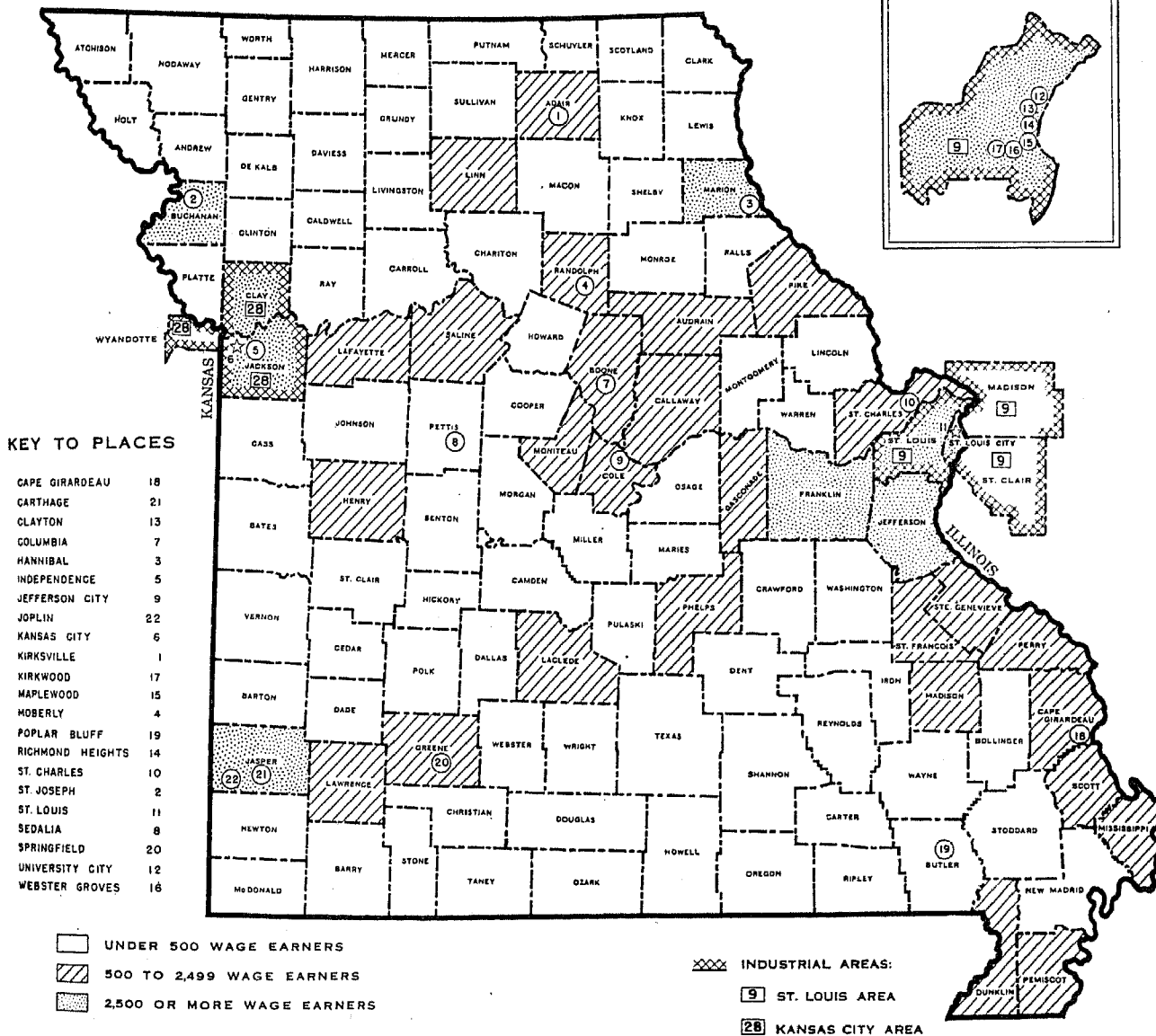
Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
	STATE OF MISSISSIPPI				STATE OF MISSISSIPPI—Continued		
1	Biscuit, crackers, and pretzels.....	2		9	Cleaning and polishing preparations, blackings, and dressings.....	1	
	Cooking and other edible fats and oils, not elsewhere classified.....	1			Drugs and medicines (including drug grinding).....	2	
	Corn sirup, corn sugar, corn oil, and starch.....	1			Paints, varnishes, and lacquers.....	2	
	Flour and other grain-mill products.....	3	61		Perfumes, cosmetics, and other toilet preparations.....	2	
	Food preparations not elsewhere classified.....	1			Vegetable and animal oils, not elsewhere classified.....	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	1		11	Tires and inner tubes.....	1	
	Special dairy products.....	1		12	Industrial leather belting and packing leather.....	1	
3	Cotton yarn.....	1		13	Glass containers.....	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1			Minerals and earths, ground or otherwise treated.....	1	
	Knitted underwear.....	1			Pottery products not elsewhere classified.....	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1		14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1			Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills.....	2	
	Textile bags—not made in textile mills.....	1			Gray-iron and semisteel castings.....	2	
	Trousers (semidress), wash suits, and washable service apparel.....	1			Power boilers and associated products.....	1	
6	Baskets for fruits and vegetables.....	1			Saws.....	1	
	Caskets, coffins, burial cases, and other morticians' goods.....	1			Stamped and pressed metal products (except automobile stampings).....	1	
	Excelsior.....	1			Steel barrels, kegs, and drums.....	1	
	Household furniture, except upholstered.....	1			Tools (except edge tools, machine tools, files, and saws).....	1	
	Office furniture.....	1		15	Sheet-metalwork not specifically classified.....	2	
	Partitions, shelving, cabinet work, and office and store fixtures.....	3	74	16	Electrical measuring instruments.....	1	
	Venetian blinds.....	1		17	Agricultural machinery (except tractors).....	2	
7	Paper and paperboard mills.....	2			Special-industry machinery, not elsewhere classified.....	1	
	Paper bags, except those made in paper mills.....	1			Woodworking machinery.....	1	
	Pulp mills.....	2		18	Automobile trailers (for attachment to passenger cars)—motor vehicles, motor-vehicle bodies, parts and accessories.....	1	
8	Bookbinding and related industries.....	2			Shipbuilding and ship repairing.....	2	
	Books: printing without publishing.....	1		19	Transportation equipment not elsewhere classified.....	3	292
	Electrotyping and stereotyping, not done in printing establishments.....	1		20	Signs, advertising displays, and advertising novelties.....	3	25
	Newspapers: publishing without printing.....	1			Sporting and athletic goods not elsewhere classified.....	1	
	Photoengraving, not done in printing establishments (including preparation of plates).....	1					

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MISSOURI

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

ST. LOUIS CO.



MISSOURI

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ⁴
1939.....	4,796	2,773	202,813	\$249,672,988	\$800,094,538	\$1,388,056,267	\$587,961,729
1937.....	4,291	2,255	216,674	266,586,563	944,984,934	1,505,383,002	560,398,068
1929.....	5,627	3,161	222,772	307,222,334	1,092,552,626	1,834,227,770	741,675,144

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
The State.....	3,784,664	4,796	178,538	\$190,735,851	\$800,094,538	\$1,388,056,267	\$587,961,729
INDUSTRIAL AREAS							
St. Louis Area, ⁶ total.....	1,406,526	2,757	126,831	152,939,450	623,079,603	1,086,595,741	463,516,138
Portion in Missouri.....	1,090,278	2,402	96,154	111,929,144	417,818,742	762,466,234	344,647,492
Portion in Illinois.....	316,248	355	30,677	41,010,306	205,260,861	324,129,507	118,868,646
Kansas City Area, ⁷ total.....	653,316	1,047	38,378	47,811,019	335,305,534	483,770,697	148,465,063
Portion in Missouri.....	508,245	914	28,784	35,001,434	192,287,820	306,809,353	114,521,533
Portion in Kansas.....	145,071	133	9,594	12,809,585	143,017,714	176,961,244	33,943,530
COUNTIES IN MISSOURI ⁸							
Adair ⁹	20,246	16	580				
Andrew ⁹	13,015	1					
Atchison.....	12,897	6	12	11,607	18,825	53,476	34,651
Audrain.....	22,673	23	2,258	1,588,665	3,140,570	8,219,469	5,078,899
Barry.....	23,546	18	127	49,691	282,262	439,387	157,125
Barton.....	14,148	9	100	59,202	493,317	657,287	163,970
Bates.....	19,531	8	25	17,038	28,266	79,617	51,351
Benton ⁹	11,142	4	11				
Bollinger ⁹	12,898	3	3				
Boone.....	34,991	29	664	541,846	1,280,855	3,445,338	2,164,480
Buchanan.....	94,067	114	5,735	6,199,456	52,146,350	72,242,595	20,096,245
Butler.....	24,276	19	278	180,253	435,053	866,130	430,077
Caldwell ⁹	11,629	3	6				
Callaway.....	23,064	9	550	452,118	1,124,966	2,325,971	1,200,975
Camden.....	8,971	3	11	5,895	12,466	42,169	29,703
Cape Girardeau.....	37,775	40	2,466	2,342,481	7,098,610	13,647,559	6,548,949
Carroll ⁹	17,814	4	54				
Carter.....	6,226	6	122	51,106	89,856	172,348	82,492
Cass.....	19,534	13	216	185,344	239,129	642,279	403,150
Cedar.....	11,697	4	10	5,612	22,871	39,638	16,707
Chariton.....	15,064	8	18	11,546	31,783	96,074	64,291
Christian.....	13,535	5	23	18,573	309,881	462,450	62,599
Clark ⁹	10,166	3	7				
Clay.....	30,417	63	2,734	3,386,490	28,886,070	38,414,563	12,528,463
Clinton.....	13,261	8	57	33,528	124,698	250,636	125,938
Cole.....	34,912	26	1,460	1,065,115	2,488,253	5,315,587	2,827,334
Cooper.....	15,075	10	333	201,755	769,502	1,430,733	670,231
Crawford.....	12,693	7	178	130,446	219,328	492,735	273,407
Dade ⁹	11,248	2					
Dallas ⁹	11,523	3	3				
Daviess ⁹	13,398	3	17				
DeKalb ⁹	9,751	2					
Dent.....	11,763	14	254	125,731	405,409	721,446	316,037
Douglas ⁹	15,600	3	15				
Dunklin.....	44,957	14	999	545,246	1,312,222	2,411,464	1,099,242
Franklin.....	33,868	42	2,937	2,409,021	8,205,451	14,441,824	6,236,373
Gasconade ⁹	12,414	14	1,033				
Gentry.....	13,359	9	20	21,240	191,348	284,457	93,109
Greene.....	90,541	115	2,385	2,151,910	14,044,761	20,683,641	6,638,880
Grundy.....	15,716	12	137	61,158	600,788	820,161	219,393

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of mate- rials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manu- facture ⁵
COUNTIES IN MISSOURI ⁶ —continued							
Harrison ⁸	16,525	7	31				
Henry	22,313	15	591	\$522,191	\$2,966,131	\$4,388,013	\$1,421,882
Hickory ⁸	6,506	1					
Holt	12,478	5	32	10,906	29,102	64,428	35,326
Howard	13,026	8	55	28,428	92,603	167,792	75,189
Howell	22,270	16	91	60,817	674,198	935,738	261,540
Iron	10,440	8	176	77,676	162,304	299,358	137,054
Jackson	477,828	851	26,050	31,014,844	165,401,750	268,394,780	101,993,040
Jasper	78,705	120	4,068	3,437,001	14,073,806	24,534,398	9,550,592
Jefferson ⁸	32,023	22	3,294				
Johnson	21,617	15	175	108,516	788,613	1,084,778	296,165
Knorr ⁸	8,878	2					
Laclede	18,718	16	562	332,021	1,340,649	1,995,661	655,012
Lafayette	27,856	24	649	539,487	2,693,797	4,176,315	1,482,518
Lawrence	24,637	20	594	527,355	4,954,836	6,618,104	1,063,208
Lewis	11,490	9	157	124,626	123,280	294,053	170,773
Lincoln	14,395	11	453	234,784	747,013	1,283,962	536,949
Linn ⁸	21,416	12	599				
Livingston	18,000	16	164	108,072	737,154	1,114,510	377,356
Macon	21,390	7	67	40,186	290,667	456,698	166,031
Madison ⁸	9,656	8	660				
Marion ⁸	8,638	2					
Marion ⁸	31,576	30	3,124				
McDonald	15,749	6	33	9,234	61,275	108,895	47,620
Mercer ⁸	8,766	1					
Miller ⁸	14,798	8	182				
Mississippi	23,149	13	519	259,514	624,907	1,196,685	571,778
Moniteau	11,775	7	657	310,638	462,779	980,466	577,687
Monroe ⁸	13,195	9	87				
Montgomery ⁸	12,442	6	117				
Morgan	11,140	5	12	8,927	20,701	47,298	26,507
New Madrid	39,787	13	421	309,708	576,155	1,030,833	460,678
Newton	29,099	19	413	327,255	2,976,329	4,215,576	1,239,247
Nodaway	25,556	14	92	68,431	608,344	845,368	237,024
Oregon ⁸	13,390	3	11				
Osage	12,375	6	68	21,375	133,783	188,745	54,962
Ozark ⁸	10,766	1					
Pemiscot ⁸	46,857	12	760				
Perry ⁸	15,358	12	870				
Pettis	33,336	24	344	258,267	2,129,009	3,304,487	1,175,478
Phelps ⁸	17,437	7	654				
Pike	18,327	12	602	309,668	622,186	1,232,723	610,537
Platte	13,862	7	22	16,171	218,395	298,255	79,860
Polk	17,400	7	19	14,522	96,278	168,148	71,870
Pulaski	10,775	3	7	4,351	10,211	24,408	14,107
Putnam ⁸	11,327	1					
Ralls ⁸	10,040	3	287				
Randolph ⁸	24,458	19	905				
Ray	18,584	8	106	75,586	172,476	346,878	174,402
Reynolds	9,370	3	30	12,898	23,563	62,565	30,002
Ripley ⁸	12,606	2					
St. Charles ⁸	25,562	20	1,306				
St. Clair ⁸	13,146	3	7				
St. Francois	35,950	27	946	631,901	1,689,145	3,014,264	1,325,119
St. Louis	274,230	161	6,621	7,908,596	19,461,135	45,782,637	26,321,502
St. Louis city	816,048	2,241	89,533	104,020,548	398,357,607	716,683,597	318,325,990
Ste. Genevieve	10,905	11	780	659,206	1,728,189	3,353,309	1,625,180
Saline	29,416	21	1,259	1,105,012	5,763,951	8,990,960	3,233,009
Schuyler ⁸	6,627	2					
Scotland	8,557	3	8	4,584	22,124	61,547	30,423
Scott	30,377	22	1,540	1,177,815	4,386,436	6,916,787	2,530,351
Shannon	11,831	15	252	113,832	254,124	612,757	358,633
Shelby	11,224	6	90	57,293	1,378,536	1,653,197	274,661
Stoddard	33,009	12	361	212,594	1,122,446	1,543,350	420,913
Stone	11,298	18	207	31,872	157,424	253,247	95,823
Sullivan ⁸	13,701	7	77				
Taney ⁸	10,323	2					
Texas	19,813	10	97	52,515	462,463	606,578	144,115
Vernon	25,586	14	102	88,556	334,268	598,778	264,510
Warren	7,734	7	208	148,163	380,678	630,393	255,715
Washington ⁸	17,492	13	136				
Wayne	12,794	8	58	24,837	52,236	112,630	60,394
Webster ⁸	17,226	11	111				
Worth ⁸	6,345	1					
Wright	17,967	10	54	31,046	373,922	536,664	162,742
Undistributed ⁸		288	15,078	12,841,823	37,424,567	78,120,511	40,695,944
PLACES HAVING 10,000 OR MORE INHABITANTS							
Cape Girardeau	19,426	23	1,919	1,959,498	5,455,361	10,957,233	5,501,872
Carthage	10,585	25	1,127	791,218	4,086,434	6,047,717	1,981,283
Clayton	13,069	9	46	61,485	151,108	368,023	216,915
Columbia ¹⁰	18,399	22	453				
Hannibal ¹⁰	20,865	26	3,116				

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materi- als, supplies, fuel, purchased electric energy, and contract work ³	Value of products ^{2, 3}	Value added by manu- facture ⁴
PLACES HAVING 10,000 OR MORE INHABITANTS—CON.							
Independence.....	16,066	23	391	\$380,324	\$1,570,417	\$2,783,833	\$1,213,416
Jefferson City ¹⁰	24,268	25	1,457	1,437,454	6,110,231	10,248,784	4,138,553
Joplin.....	37,144	63	1,706	24,787			
Kansas City ¹⁰	399,178	805	24,787				
Kirksville ¹⁰	10,080	13	578				
Kirkwood.....	12,132	6	12	11,831	32,177	70,997	38,820
Maplewood.....	12,875	19	419	463,387	1,051,382	2,907,474	1,856,092
Moberly ¹⁰	12,920	16	891				
Poplar Bluff.....	11,163	11	144	109,796	305,983	570,467	264,474
Richmond Heights ¹¹	12,802						
St. Charles ¹⁰	10,803	16	1,247				
St. Joseph ¹⁰	75,711	100	3,850				
St. Louis.....	816,048	2,241	89,533	194,020,548	398,357,607	716,683,597	318,325,990
Sedalia ¹⁰	20,428	22	317				
Springfield.....	61,238	104	2,158	1,922,482	12,233,556	18,131,774	5,898,218
University City.....	33,023	17	182	206,415	753,682	1,487,622	733,940
Webster Groves ¹⁰	18,394	8	63				

¹ Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

² Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵ For numbers of establishments by "Industry groups," see table 11.

⁶ The St. Louis Industrial Area comprises St. Louis County and the independent city of St. Louis, Mo., and Madison and St. Clair Counties, Ill. For statistics by industries for the area, see table 9, and for those for St. Louis city, see table 10.

⁷ The Kansas City Industrial Area comprises Jackson and Clay Counties, Mo., and Wyandotte County, Kans. For statistics by industries for the area, see table 9.

⁸ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁹ The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

¹⁰ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics, by industries, for Kansas City is included in this report.

¹¹ No manufacturing reported.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	236,704	222,380	Salaried officers and employees—Continued.		
Male.....	162,171	158,898	All other employees, etc.—Continued.		
Female.....	74,533	63,482	Engaged in manufacturing:		
Salaried officers and employees, total.....	44,929	35,508	Male.....	13,906	
Male.....	33,697	25,301	Female.....	6,182	
Female.....	11,232	10,207	Engaged in distribution:		
Salaried officers of corporations, total.....	4,187	4,894	Male.....	14,571	
Male.....	3,866	4,690	Female.....	4,666	(3)
Female.....	321	294	Engaged in construction:		
All other employees (except wage earners in manufac- turing), total.....	40,742	30,614	Male.....	741	
Male.....	29,831	20,701	Engaged in other work:		
Female.....	10,911	9,913	Male.....	613	
			Female.....	63	
			Wage earners engaged in manufacturing, total.....	191,775	186,872
			Male.....	128,474	133,597
			Female.....	63,301	53,275

¹ See headnote. ² Figures do not include data for 2,773 proprietors and firm members for 1939 and 3,161 for 1929, which were not reported by sex for 1939. ³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939.....	178,538	172,401	177,481	178,438	178,532	172,334	174,504	176,775	177,318	181,763	185,312	181,826	185,769
1937.....	185,831	180,560	186,784	180,742	191,946	190,651	194,707	193,182	195,298	191,559	185,046	173,303	168,198
1929.....	187,264	175,789	181,472	184,790	186,639	186,268	188,571	190,851	196,368	196,950	194,203	185,347	179,900

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1929
All establishments.....	4,796	5,627	178,538	187,264	\$1,388,056,267	\$587,961,729
No wage earners.....	200	195	.....	.....	7,424,530	3,414,163
1 to 5.....	2,045	2,692	5,602	7,541	47,393,598	23,680,285
6 to 20.....	1,270	1,419	14,327	15,721	111,687,007	51,554,633
21 to 50.....	624	606	20,016	19,363	159,164,855	70,437,375
51 to 100.....	258	329	18,256	22,822	138,488,997	61,339,812
101 to 250.....	252	241	40,079	38,646	269,274,471	126,163,132
251 to 500.....	92	91	32,192	31,643	189,892,773	94,680,533
501 to 1,000.....	41	37	27,114	25,094	279,567,767	85,543,440
1,001 or more.....	14	17	20,952	26,434	185,162,269	71,148,356

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	4,796	5,627	178,538	187,264	\$1,388,056,267	\$1,834,227,770	\$587,961,729	\$741,675,144
\$5,000 to \$19,999.....	1,651	2,122	4,961	5,455	18,035,458	22,667,063	10,440,202	13,750,658
\$20,000 to \$49,999.....	1,093	1,112	6,891	6,701	32,281,521	35,391,109	17,852,657	20,959,175
\$50,000 to \$99,999.....	640	712	8,996	9,071	45,268,116	50,479,478	24,138,243	28,068,532
\$100,000 to \$249,999.....	662	737	18,196	19,434	102,870,324	118,094,781	53,231,670	63,243,505
\$250,000 to \$499,999.....	354	397	21,725	22,673	128,099,801	141,893,368	59,399,901	69,061,570
\$500,000 to \$999,999.....	236	255	27,359	25,384	164,098,436	177,210,416	73,703,679	85,911,917
\$1,000,000 to \$2,499,999.....	158	185	39,111	37,789	244,839,131	281,689,409	116,462,751	125,320,673
\$2,500,000 to \$4,999,999.....	88	56	23,585	20,246	196,610,327	191,624,185	92,067,605	81,547,737
\$5,000,000 and over.....	34	51	27,714	40,511	455,962,953	815,267,961	140,693,021	252,911,377

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	4,796	5,627	178,538	187,264	\$1,388,056,267	\$1,834,227,770	\$587,961,729	\$741,675,144
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	867	(⁴)	98,659	(⁴)	877,623,823	(⁴)	334,962,883	(⁴)
Independent (single-unit).....	1,908	(⁴)	65,670	(⁴)	431,265,769	(⁴)	218,304,529	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	83	(⁴)	1,428	(⁴)	10,908,438	(⁴)	3,083,807	(⁴)
Independent (single-unit).....	1,038	(⁴)	12,781	(⁴)	68,258,237	(⁴)	31,610,420	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	950	645	100,087	89,919	888,532,261	1,041,164,172	338,946,780	291,310,751
Independent (single-unit), corporate and noncorporate.....	3,846	4,982	78,451	97,345	499,524,006	793,063,598	249,914,949	450,355,393
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	2,775	2,936	164,329	172,620	1,308,889,592	1,746,146,077	553,267,412	667,229,415
Noncorporate, total.....	2,021	2,691	14,209	14,644	79,166,675	88,081,693	34,694,317	44,445,729
Individual.....	1,401	(⁴)	7,728	(⁴)	38,269,560	(⁴)	17,496,579	(⁴)
Partnership.....	591	(⁴)	6,161	(⁴)	37,672,907	(⁴)	16,244,551	(⁴)
Cooperative.....	8	(⁴)	217	(⁴)	2,495,782	(⁴)	548,775	(⁴)
Other.....	21	(⁴)	103	(⁴)	888,036	(⁴)	404,412	(⁴)

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.⁴ No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total	4,796	2,773	223,467	4,187	20,088	178,538	19,237	741	676
2 17	Agricultural machinery (except tractors)	8	6	208	7	30	118	53		
3 19	Aircraft and parts, including aircraft engines	5	1	674	7	196	440	31		
4 15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	2	206	4	25	158	13		6
5 15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	6	308	5	15	246	41		1
6 13	Asbestos products (except steam packing and pipe and boiler covering)	6		669	6	60	549	54		
7 16	Automotive electrical equipment	3	2	116	2	13	95	6		
8 16	Batteries, storage and primary (dry and wet)	6		169	5	30	127	7		
9 20	Beauty-shop and barber-shop equipment	4	1	128	7	19	63	39		
10 4	Belts (apparel), regardless of material	3	1	32	1	6	24	1		
11 1	Biscuit, crackers, and pretzels	13	5	1,812	7	98	1,420	188	24	75
12 8	Bookbinding and related industries	41	28	594	33	36	496	29		
13 8	Books: printing without publishing	22	14	296	20	35	218	23		
14 8	Books: publishing without printing	10	1	221	10	133	78	78		
15 12	Boot and shoe cut stock and findings	28	8	3,670	19	207	3,406	38		
16 1	Bread and other bakery products (except biscuit, crackers, and pretzels)	469	453	7,263	84	365	6,008	590	22	104
17 13	Brick and hollow structural tile	22	7	554	10	41	483	17	2	1
18 20	Brooms	13	12	97	2	3	87	5		
19 20	Brushes	5	2	74	7	9	38	20		
20 1	Candy and other confectionery products	26	13	2,277	24	160	1,758	287	28	11
21 1	Canned and dried fruits and vegetables (including canned soups)	46	50	710	1	24	685			
22 4	Canvas products (except bags)	11	5	320	18	27	203	70	1	1
23 19	Cars and car equipment—railroad, street, and rapid-transit	11		2,287	6	378	1,860	20	12	2
24 6	Caskets, coffins, burial cases, and other morticians' goods	32	19	727	35	42	468	182		
25 13	Cement	5		1,166		127	1,039			
26 1	Cereal preparations	5	5	732		99	629	4		
27 1	Cheese	32	22	136		21	95	20		
28 9	Chemicals not elsewhere classified	11	3	1,682	3	333	1,213	42	60	1
29 20	Children's vehicles	3		299	6	31	254	8		
30 2	Cigars	11	8	384	6	13	355	9	1	
31 13	Clay refractories, including refractory cement (clay)	14	1	2,717	10	200	2,317	60	102	28
32 9	Cleaning and polishing preparations, blackings, and dressings	34	15	512	36	57	195	223		1
33 4	Clothing, leather and sheep-lined	4	4	341	3	20	276	42		
34 3	Cloth sponging and miscellaneous special finishing	3		75	4	6	60	5		
35 7	Coated and glazed paper	4		413	5	29	319	54	6	
36 4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	27	16	1,280	36	82	1,022	129		11
37 9	Colors and pigments	5		978		175	802	1		
38 17	Commercial laundry, dry-cleaning, and pressing machinery	5	5	140	7	24	78	31		
39 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	13		243		26	132	85		
40 13	Concrete products	37	10	593	32	35	471	53	2	
41 1	Condensed and evaporated milk	8		216		27	184	1	4	
42 7	Converted paper products not elsewhere classified	8	8	1,141	13	133	948	35	12	
43 6	Cooperage	12	4	487	15	30	430	7	5	
44 1	Corn sirup, corn sugar, corn oil, and starch	3		610	2	96	492	20		
45 1	Creamery butter	75	39	1,428	42	269	857	240	7	13
46 4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	16	7	433	15	17	372	26		3
47 14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	19	8	866	31	80	712	43		
48 7	Die-cut paper and paperboard, and converted cardboard	3	1	119	6	20	78	13	2	
49 14	Doors, window sash, frames, molding, and trim (made of metal)	5	1	328	12	17	256	43		
50 9	Drugs and medicines (including drug grinding)	62	15	2,596	83	282	1,514	682	24	11
51 16	Electrical appliances	6	1	954	10	75	824	42		3
52 16	Electrical products not elsewhere classified	5	1	57	8	12	36	1		
53 15	Electroplating, plating, and polishing	20	18	242	13	16	195	16		2
54 8	Electrotyping and stereotyping, not done in printing establishments	9	5	173	6	21	130	16		
55 17	Elevators, escalators, and conveyors	6	3	172	12	26	112	22		
56 4	Embroideries, other than Schiffli-machine products—contract factories	8	11	147	2		137	5		3
57 14	Enamelled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	8	2	205	17	38	236	4		
58 18	Enameling, japanning, and lacquering	3	3	14			14			
59 8	Engraving (steel, copperplate, and wood); plate printing	14	10	146	15	13	111	7		
60 7	Envelopes	8		657	17	37	488	115		
61 9	Explosives	3		344		40	302		2	
62 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	33	10	999	67	133	733	62	4	
63 20	Feathers, plumes, and artificial flowers	3		40	6	2	31	1		
64 7	Fiber cans, tubes, and similar products	4		337		23	285	22		7
65 3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	11	6	1,063	14	50	801	198		
66 1	Flavoring extracts and flavoring sirups, not elsewhere classified	26	14	364	21	50	197	92		4
67 1	Flour and other grain-mill products	111	84	2,335	83	287	1,743	167	6	49
68 1	Food preparations, not elsewhere classified	14	30	709	19	45	575	68	2	
69 17	Food-products machinery	14	6	400	20	56	250	70		4
70 12	Footwear (except rubber)	68	1	28,593	79	1,366	26,918	241	9	
71 4	Fur coats and other fur garments, accessories, and trimmings	6	2	115	6	10	92	7		

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
285,490,280	22,226,593	36,710,544	190,735,851	33,898,757	1,114,721	803,814	800,094,538	773,471,316	10,448,630	9,276,964	6,897,628	1,388,056,267	587,961,729	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
30,949	7,600	6,358	15,891	1,200			88,726	88,257	100	369		146,399	57,673	10
2,149,899	25,060	172,044	1,242,778	451,178	44,999	213,240	3,548,495	3,445,131	70,583	32,781		9,006,863	5,458,368	11
653,772	101,886	58,550	453,113	40,223			411,634	381,346	5,619	13,736	10,933	1,580,211	1,177,577	12
534,684	80,833	55,185	343,424	55,242			529,161	444,293	4,690	13,242	66,936	1,324,172	705,011	13
383,447	42,760	190,248	150,449	150,449			510,198	9,661			500,029	1,389,692	879,494	14
4,161,941	106,138	345,082	3,026,257	84,464			16,730,754	16,643,670	21,948	57,987	7,149	23,005,942	6,275,188	15
10,371,174	348,824	738,523	8,542,269	614,549	38,267	88,742	16,770,361	15,990,083	445,165	326,110		35,714,840	18,944,479	16
552,153	28,680	63,046	436,982	21,538	1,782	125	394,430	111,553	212,502	70,375		1,596,816	1,202,386	17
77,108	3,963	4,847	61,911	6,387			124,100	121,228	622	2,148	102	249,674	125,574	18
109,408	26,134	8,937	37,582	36,765			173,393	170,031	1,750	1,612		360,685	187,292	19
2,303,625	109,135	255,014	1,427,185	459,807	39,382	13,502	5,587,696	5,434,068	89,198	64,430		9,514,718	3,927,022	20
124,306	3,120	10,547	110,330	140	160		460,650	465,475	8,002	3,173		766,131	290,481	21
361,572	58,838	40,866	166,392	93,778	943	755	806,113	798,672	2,743	4,698		1,309,708	503,595	22
3,275,017	51,600	761,587	2,418,575	15,716	25,583	1,960	7,228,578	7,026,358	132,943	69,277		11,010,956	3,782,378	23
1,084,936	183,698	69,733	465,129	360,376			1,348,249	1,317,300	12,289	15,645	3,015	3,070,006	1,721,767	24
1,742,380	282,197	1,460,183	(5)	(5)	(5)	(5)	2,521,123	1,178,115	741,225	601,783		7,933,691	5,412,568	25
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
116,247	20,533	82,376	13,338	(5)	(5)	(5)	1,437,825	1,402,951	17,384	17,490		1,695,786	257,961	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	29
252,581	8,716	19,272	213,749	10,395	449		413,357	408,953	1,658	2,746		950,801	537,444	30
2,655,201	82,351	366,018	1,930,357	154,667	103,880	17,928	3,223,986	2,294,836	802,293	157,357		9,554,375	6,330,359	31
886,702	192,502	104,899	108,776	389,837	688		1,694,933	1,672,650	12,816	9,467		4,112,686	2,417,753	32
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	34
701,735	99,415	59,311	383,756	150,420	8,824		2,458,672	2,456,923	3,811	27,938		3,661,302	1,172,630	35
1,721,350	179,980	154,668	1,149,585	229,329	7,798		3,293,490	3,166,649	4,189	16,992	15,660	6,051,148	2,847,658	36
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	37
219,607	24,430	29,008	70,750	95,410			319,904	314,592	1,868	3,133	311	674,165	354,261	38
409,370	62,137	187,729	159,604				461,960	376,836	10,479	74,645		1,934,102	1,472,142	39
807,140	145,747	57,810	501,520	96,750	5,304		2,012,700	1,965,090	17,005	27,898	2,707	3,408,511	1,395,811	40
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	41
1,427,183	112,780	281,904	864,215	148,214	19,980		3,272,259	3,166,596	41,002	62,160	2,501	5,464,708	2,192,440	42
580,660	66,850	52,020	437,508	19,604	6,438	3,961	1,252,490	1,237,169	7,456	7,874		1,990,209	737,710	43
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	44
1,686,012	145,533	386,499	797,359	333,861	11,433	11,327	20,175,253	19,837,958	163,221	174,074		23,993,302	3,818,049	45
401,422	81,044	23,422	267,045	37,311	2,600		1,424,167	1,395,825	470	6,077	21,795	2,086,904	662,737	46
1,454,718	208,466	146,788	1,066,229	93,235			530,801	487,954	17,807	25,040		2,628,949	2,098,148	47
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	48
471,941	64,587	42,748	280,070	74,536			483,881	405,702	1,429	7,971	68,779	1,129,257	645,376	49
4,174,845	712,974	587,509	1,537,941	1,283,690	33,054	19,677	6,643,253	6,536,291	43,333	55,911	7,718	23,006,490	16,363,240	50
1,070,844	104,061	124,328	736,035	104,057		2,363	2,402,700	2,285,586	12,938	26,181	77,695	4,365,592	1,962,802	51
95,764	28,577	17,686	49,145	356			124,330	118,800	1,448	2,712	1,370	258,955	134,625	52
296,383	39,841	25,566	210,102	19,604	1,270		158,530	122,058	10,698	23,608	1,866	658,596	500,060	53
333,669	41,110	41,081	225,728	25,780			88,131	71,878	4,578	8,833	2,842	590,042	471,911	54
219,774	56,682	24,071	103,059	35,062			265,622	257,802	1,317	2,838	3,665	660,904	395,282	55
101,065	3,120	92,363	3,505		2,017		41,873	38,378	140	3,355		207,292	165,419	56
370,806	58,756	49,170	258,079	4,801			431,177	413,729	11,481	5,967		971,281	540,104	57
12,880			12,880				13,947	12,828	636	483		40,417	26,470	58
165,293	32,649	13,689	109,978	8,977			101,908	86,826	843	3,264	10,975	380,799	278,891	59
990,116	118,724	81,325	538,090	251,977			1,347,995	1,290,175	2,958	20,932	33,930	2,884,476	1,536,481	60
546,941	116,024	425,174			5,743		1,276,730	1,202,254	32,064	42,412		2,603,164	1,326,434	61
1,641,362	388,895	266,819	845,018	133,620	7,000		3,037,589	2,938,779	27,026	41,822	29,962	6,029,927	2,992,338	62
36,916	11,737	1,473	10,751	3,955			50,238	49,670	105	463		98,763	48,525	63
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	64
1,009,018	69,890	77,185	669,997	281,946			2,289,463	2,250,052	17,300	16,972	5,139	4,017,742	1,728,279	65
716,739	178,985	98,857	228,719	196,071		14,107	3,676,354	3,658,069	9,097	9,188		9,478,472	5,802,118	66
3,225,541	303,891	497,819	2,055,542	315,414	8,982	43,893	39,393,604	38,710,950	127,355	553,795	1,474	48,096,783	8,703,179	67
583,466	80,507	69,733	335,521	94,577	3,068		5,271,638	5,235,188	22,794	13,956		6,730,845	1,458,907	68
769,429	122,954	107,806	306,041	228,270		4,358	816,775	787,214	8,778	9,512	11,271	2,098,250	1,281,481	69
25,280,518	430,260	1,965,802	21,962,022	899,809	22,625		52,341,049	51,609,922	121,050	209,602	100,475	100,346,106	48,005,057	70
208,175	53,452	14,041	127,623	13,059			283,186	267,603	2,085	5,601	7,897	600,906	326,720	71

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Pro- pri- etors and firm members	PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corpo- rations ³	Manufacturing		Distri- bution	Con- struc- tion	Other
						Salaried employ- ees ²	Wage earners (average for year) ³			
1 14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.	5	6	35	1	3	31			
2 20	Games and toys (except dolls and children's vehicles).	11	5	234	11	20	176	27		
3 8	General commercial (job) printing.	313	237	4,609	257	563	3,477	310	2	
4 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.	27	5	7,574	73	968	5,973	500	48	12
5 14	Gray-iron and semicast castings.	29	3	1,729	36	124	1,522	44	3	
6 9	Grease and tallow (except lubricating greases).	6	7	43	3	5	35			
7 20	Hand stamps, stencils, and brands.	9	5	85	3	2	66	14		
8 14	Hardware not elsewhere classified.	5	1	515	8	29	464	14		
9 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.	15	10	1,380	11	90	1,214	61	2	2
10 4	Housefurnishings (except curtains, draperies, and bedspreads).	18	6	351	18	23	257	52		1
11 6	Household furniture, except upholstered.	13	3	453	15	45	373	17		3
12 1	Ice cream and ices.	70	40	1,003	52	94	405	410	9	33
13 1	Ice, manufactured.	143	55	1,251	73	141	645	376	7	9
14 12	Industrial leather belting and packing leather.	5	1	52	10	9	27	6		
15 17	Industrial machinery, not elsewhere classified.	13	2	313	23	28	234	27		1
16 9	Insecticides, fungicides, and related industrial and household chemical compounds.	34	9	369	50	51	143	122		3
17 16	Insulated wire and cable.	4	1	142	7	30	93	12		
18 17	Internal-combustion engines.	5		991	11	184	770	26		
19 15	Jewelry (precious metals).	16	19	234	13	29	157	34		1
20 6	Laboratory, hospital, and other professional furniture.	7	5	297	8	18	254	17		
21 6	Lasts and related products.	5	3	221	5	28	181	6	1	
22 12	Leather goods not elsewhere classified.	3	2	10	1		9			
23 12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.	4		198	6	21	170	1		
24 15	Lighting fixtures.	12		692	32	67	488	98		7
25 13	Lime.	12	3	817	6	52	704	16	39	
26 1	Liquors, rectified or blended.	4		96	3	24	62	7		
27 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).	40	11	1,270	80	172	817	198	3	
28 5	Logging camps and logging contractors (not operating sawmills).	3	4	26		1	24	1		
29 9	Lubricating oils and greases—not made in petroleum refineries.	7	1	190	9	28	118	31		4
30 1	Macaroni, spaghetti, vermicelli, and noodles.	10	3	398	21	14	316	44	2	1
31 8	Machine and hand typesetting (including advertisement typesetting).	27	24	273	23	31	214	5		
32 17	Machine-shop products, not elsewhere classified.	47	20	1,744	60	148	1,300	221	6	9
33 17	Machine-shop repairs.	52	46	386	14	37	323	8		4
34 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.	9	5	169	11	12	133	10		3
35 1	Malt liquors.	17	2	5,081	40	324	3,727	981	1	8
36 6	Mattresses and bedsprings.	25	15	874	22	61	721	69		1
37 1	Meat packing, wholesale.	53	30	6,484	70	815	4,538	990	30	41
38 17	Mechanical power-transmission equipment.	4	2	227	2	6	219			
39 4	Men's and boys' hats and caps (except felt and straw).	23	29	606	18	27	547	14		
40 4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.	17	2	4,117	13	164	3,827	106	4	3
41 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.	10	7	371	8	6	349	8		
42 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.	14	1	2,165	30	130	1,820	185		
43 4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.	3		536	3	16	487	30		
44 4	Men's neckwear—made in inside factories or by jobbers engaging contractors.	12	3	696	20	30	563	83		
45 17	Metalworking machinery and equipment, not elsewhere classified.	6	3	192	7	34	116	34		1
46 4	Millinery.	34	21	1,168	39	74	997	55		3
47 13	Mineral wool.	4		150	2	13	133	2		
48 13	Minerals and earths, ground or otherwise treated.	8		143	10	21	109		2	1
49 17	Mining machinery and equipment.	5	2	115	4	16	86	9		
50 13	Mirrors and other glass products made of purchased glass.	18	15	215	13	24	157	21		
51 20	Miscellaneous fabricated products not elsewhere classified.	12	4	271	18	23	216	14		
52 4	Miscellaneous fabricated textile products not elsewhere classified.	5	6	108	3	3	80	22		
53 20	Models and patterns (except paper patterns).	21	10	290	23	14	215	38		
54 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.	28	20	543	23	35	437	48		
55 9	Mucilage, paste, and other adhesives, except glue and rubber cement.	4	2	32	4	8	13	7		
56 8	Newspapers: publishing and printing.	236	226	6,234	111	1,413	3,171	1,539		
57 8	Newspapers: publishing without printing.	15	13	56	5	44		7		
58 1	Nonalcoholic beverages.	138	94	2,115	111	196	704	1,055	12	37
59 15	Nonferrous-metal foundries (except aluminum).	13	5	599	18	58	470	13		1
60 15	Nonferrous-metal products not elsewhere classified.	9	6	221	10	31	172	8		
61 17	Office and store machines not elsewhere classified.	5		129	7	14	101	7		
62 6	Office furniture.	4	5	124	1	20	80	14		
63 14	Oil burners, domestic and industrial.	3	1	26		8	16	1		1
64 17	Oil-field machinery and tools.	3		125	7	19	84	15		
65 9	Paints, varnishes, and lacquers.	46	17	1,523	75	162	856	406	6	18

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK						Value of products	Value added by manufacture ¹
Total ²	Salaries of officers of corporations ³	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
		Salaries ²	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
35,399	2,080	2,548	30,771				30,770	36,783	1,796	680		98,828	59,569	
221,687	58,805	10,561	122,303	23,838			308,836	302,008	2,846	3,649	333	655,382	346,546	
7,218,528	980,309	1,012,861	4,527,323	665,050	2,985		6,955,725	6,232,430	61,982	146,886	514,427	18,193,631	11,237,906	
11,290,769	927,225	1,839,591	7,020,294	1,370,029	118,291	15,339	16,375,383	16,038,758	93,379	227,880	15,366	35,600,888	19,225,505	
2,240,314	215,876	248,835	1,684,323	87,377	3,903		2,157,650	1,804,827	204,841	126,126	21,856	5,572,644	3,414,994	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
102,768	11,580	4,544	74,935	11,709			84,521	77,635	1,316	2,370	3,200	289,555	205,034	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
920,372	43,342	110,807	682,722	78,258	2,730	2,453	1,879,234	1,776,983	3,637	17,476	81,138	3,170,203	1,200,969	
437,554	84,086	33,707	227,801	91,367		593	1,060,050	1,047,037	5,084	6,107	1,822	1,859,727	799,677	
431,161	43,047	55,510	308,081	22,050		2,473	537,582	521,839	6,364	9,379		1,226,870	680,288	
1,424,864	185,328	150,671	452,152	575,444	16,817	45,452	3,993,432	3,790,457	50,848	152,127		7,768,215	3,774,783	
1,533,994	220,338	226,336	713,647	348,519	14,725	10,429	944,269	236,641	121,634	685,240	754	5,025,603	4,081,334	
88,108	36,417	12,411	33,024	6,256			161,708	157,646	1,699	2,453		335,098	173,290	
517,105	141,649	54,409	279,370	41,037		640	551,217	535,887	5,451	9,662	217	1,607,479	1,056,262	
758,463	235,068	115,306	148,327	257,792		1,970	1,063,775	1,040,544	11,325	11,966		2,915,404	1,851,629	
188,064	36,267	43,249	82,389	26,159			399,714	392,128	2,355	5,231		799,717	400,003	
1,722,342	84,561	347,847	1,199,086	89,948			1,354,913	1,272,014	75,566	7,333		3,986,637	2,631,724	
323,105	36,976	45,923	188,484	51,186		536	388,078	364,985	631	3,374	19,088	939,041	550,963	
410,749	52,625	32,643	287,526	37,955			498,113	481,888	5,883	10,342		1,075,789	577,676	
330,945	29,205	58,850	224,613	16,164	2,107		270,234	256,909	2,148	11,177		828,268	558,634	
7,917	1,953		5,964				10,656	10,266	42	348		21,640	10,984	
225,506	26,600	33,958	160,840	3,000	1,108		810,851	793,681	4,283	12,087		1,476,165	665,314	
1,039,957	171,549	144,140	534,168	182,032		8,062	1,070,468	1,025,810	8,369	29,040	7,249	2,769,628	1,699,160	
993,408	65,709	118,851	744,969	29,795	33,907	177	941,602	403,356	449,811	88,142	293	2,788,990	1,847,388	
138,647	24,000	39,197	63,694	11,756			280,781	277,747	1,020	2,014		485,543	204,762	
2,295,689	368,053	287,642	1,131,777	478,261	4,956		1,999,943	1,700,400	10,726	43,615	245,202	5,544,128	3,544,185	
14,484		490	13,514	480			27,554	23,954	3,600			55,710	28,156	
343,865	63,961	62,614	144,781	77,029		5,480	979,255	957,995	8,775	12,485		1,811,114	831,859	
351,006	50,148	18,670	210,077	68,335	2,840	936	937,755	906,479	9,060	22,216		1,639,512	701,757	
505,692	86,760	43,951	366,310	8,665			106,875	83,970	4,930	8,147	9,828	834,591	727,716	
2,700,278	348,165	286,518	1,683,733	361,269	10,872	9,721	3,729,218	3,616,711	35,766	68,777	7,964	9,284,056	5,554,838	
638,320	51,622	55,732	491,425	7,127		2,414	404,940	368,069	12,077	20,697	4,097	1,451,136	1,046,196	
263,378	28,156	20,549	198,611	12,975		3,087	161,498	150,362	2,188	8,948		555,870	394,372	
10,134,076	510,518	554,008	6,937,868	2,090,351	1,143	9,588	16,536,536	15,829,960	477,188	109,196	129,192	41,412,301	24,875,765	
1,015,463	118,379	100,138	687,180	108,221		1,545	2,031,566	1,993,844	12,800	24,922		3,780,479	1,748,913	
10,338,273	393,494	1,623,416	6,538,492	1,681,733	40,557	55,611	91,081,783	90,326,664	418,685	325,165	11,239	107,254,213	16,172,460	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
498,929	47,006	36,192	385,963	29,678			834,821	824,584	1,561	8,676		1,509,635	674,814	
2,682,360	66,005	202,447	2,298,245	110,217	3,465	1,991	5,572,462	5,514,689	12,301	45,472		9,287,689	3,715,227	
307,605	17,163	8,007	276,057	6,468			91,826	82,081	691	6,540	2,514	495,238	403,412	
2,671,557	193,766	297,821	1,897,109	282,861			5,590,982	5,101,970	11,249	27,223	450,540	10,396,288	4,805,306	
351,754	22,066	24,402	268,611	36,675			808,278	801,339	1,165	5,534		1,344,846	536,568	
701,256	86,429	38,176	429,098	147,553			1,537,993	1,527,491	500	9,627	375	2,478,611	940,618	
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)		(5)	(5)	
1,200,142	113,856	120,078	880,424	83,794		1,990	1,725,712	1,692,883	4,909	27,920		3,695,009	1,969,297	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
242,700	42,565	35,604	160,808	7,841			242,356	142,906	73,310	26,050		763,624	621,268	
120,256	16,880	17,014	81,425	10,337	3,033	600	153,752	147,244	2,655	3,853		345,830	192,078	
315,183	33,514	36,862	212,149	32,658			581,343	571,975	5,604	3,599	165	1,087,876	506,533	
261,375	54,001	25,539	161,880	19,955			508,064	501,646	2,349	4,069		1,033,587	525,473	
97,135	17,213	5,255	51,416	23,251			146,548	141,211	2,655	2,682		454,387	307,839	
501,565	83,632	25,631	327,950	64,346			104,396	92,309	4,366	7,107	614	792,097	687,701	
637,094	57,681	51,398	471,642	56,373			503,179	430,258	7,706	47,300	17,915	1,565,244	1,062,065	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
11,446,886	817,265	2,775,408	5,310,021	2,544,192			7,306,627	6,753,237	90,165	195,354	267,871	28,171,482	20,864,855	
81,206	26,986	46,379	7,841				284,299	2,383	93	296		495,941	211,642	
2,840,620	475,480	285,251	675,362	1,352,511	19,303	32,707	5,345,007	5,195,727	50,494	89,504	9,282	12,858,113	7,513,106	
884,203	132,864	148,830	564,179	36,883		1,441	2,391,058	2,314,646	45,386	24,738	6,288	3,998,928	1,607,870	
355,549	80,075	57,953	188,607	28,854			551,059	534,506	8,031	8,522		1,152,476	601,417	
170,200	47,355	24,790	88,724	9,325			510,968	501,813	1,974	3,265	3,916	940,875	429,907	
120,790	5,000	19,248	78,433	18,079			208,240	204,434	1,106	2,700		500,836	292,596	
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)		(5)	(5)	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
2,575,911	386,521	289,303	1,055,815	804,081	10,252	29,930	9,345,436	9,234,814	35,144	75,478		14,999,089	5,653,653	

TABLE 8.—GENERAL STATISTICS FOR

Group No.	Industry	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	7	4		232	6	11	189	26		
2	7	46	9	3,120	75	226	2,664	147	7	1
3	6	26	16	1,446	40	148	1,171	85		2
4	10									
5	9	14		181	12	29	114	24	2	
		32	9	823	38	60	465	254		6
6	8	34	17	1,231	36	379	714	102		
7	8	60	6	495	61	239	11	182		2
8	8									
9	20	23	4	423	54	46	268	55		
10	1	6		271	10	39	170	42	10	
		12	10	202	13	6	147	36		
11	5	66	49	1,509	71	84	1,194	155	2	3
12	1	53	41	1,327	4	97	1,128	62	1	35
13	14	12	7	1,616	24	239	1,201	152		
14	1	45	19	1,026	50	102	641	214	1	18
15	1	5		186	8	15	145	14	3	1
16	9	10	3	129	11	9	72	36		1
17	17	9	2	62	8	5	40	9		
18	20	8	3	119	8	9	98	4		
19	17	6		701	14	74	446	161		6
20	17									
		16	6	947	20	117	741	67		2
21	4	5	3	329	3	22	287	17		
22	10	6		219	7	26	146	36	4	
23	11	14	5	910	19	47	803	35	3	3
24	12	8	3	112	2	8	102			
25	1	5	2	121	2	8	98	13		
26	1	23	17	318	12	18	193	89	2	4
27	5									
		91	68	2,145	27	102	1,969	45	2	
28	14	6	3	178	5	17	151	5		
29	13	3		367	6	25	314	14	8	
30	15	43	9	899	59	81	680	73		6
31	20	50	33	784	44	65	593	82		
32	12	5	2	374	6	38	297	33		
33	9	10	5	537	14	103	302	42	76	
34	17	6	2	449	13	57	310	60		
35	20	11	9	502	11	36	440	15		
36	14									
		7	3	200	5	33	148	14		
37	14	16	6	1,168	30	78	1,034	26		
38	13	8	9	69	7	4	56	2		
39	14	5		337	9	30	254	44		
40	14	5	1	381	5	23	320	33		
41	14	6		1,116	14	93	984	24		1
42	14	3		3,384	10	120	3,093	161		
43	17	5		108	5	9	61	33		
44	14	20	7	2,396	41	202	1,650	503		
45	12	15	8	710	12	31	639	28		
46	20									
		19	5	807	22	55	357	373		
47	4	13	5	1,482	7	119	1,258	96		1
48	14	9	1	845	2	142	670	21	10	
49	2	7	1	1,710	18	126	1,508	53		5
50	20	5	4	194	5	10	173	5	1	
51	14	8	9	275	11	20	224	20		
52	4	3	2	30	3	3	24			
53	4	7	6	177	3	6	162	6		
54	4	19	9	1,515	22	81	1,342	67	2	1
55	6	19	12	607	13	52	511	30		1
56	17	4	1	104	1	3	96	4		
57	6	11	15	240	12	9	186	33		
58	1	6		44	2	7	34	1		
59	13									
		8	2	54	8	4	30	12		
60	6	12	11	117	7	5	84	20		1
61	6	5	3	64	5	11	31	17		
62	14	23	19	1,084	21	80	842	141		
63	16	4	1	394	13	52	300	27	1	1
64	4									
		4	1	204	2	12	183	7		
65	4	11	17	493		12	481			

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work					
		Salaries	Wages													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars		
3,981,427	463,816	404,239	2,698,739	405,529	8,324	780	9,019,150	8,901,194	36,967	80,911	78	16,045,365	7,026,215	2		
2,120,582	276,074	262,904	1,430,023	150,004		1,577	2,389,237	2,317,987	20,489	42,134	8,627	5,308,764	2,979,527	3		
251,462	38,122	46,436	105,353	60,331	1,220		494,907	461,901	18,613	11,050	3,343	1,660,289	565,382	4		
945,531	167,824	98,672	336,515	337,375		5,145	1,733,956	1,709,264	9,072	10,486	5,134	5,103,925	3,369,969	5		
1,947,118	148,069	534,046	1,038,200	226,803			1,134,290	964,994	14,899	34,604	119,793	4,794,979	3,660,689	6		
873,173	267,793	369,822	20,224	214,434		900	1,456,429	142,307	1,970	1,102	1,311,050	3,358,315	1,901,886	7		
982,839	191,686	67,800	605,218	118,045			194,085	145,587	1,962	14,845	31,691	1,494,470	1,300,385	8		
401,987	57,581	67,673	183,113	81,977	11,643		609,961	578,838	16,554	14,539		1,336,519	726,558	9		
259,770	45,002	8,504	118,015	87,589			502,577	495,692	2,874	4,011		847,887	345,310	10		
1,855,733	219,648	154,691	1,253,207	222,453	3,400	2,334	2,681,081	2,570,649	19,510	87,128	3,785	5,654,540	2,973,465	11		
894,285	18,240	143,403	608,324	50,218	1,225	12,785	11,738,661	11,664,617	24,256	44,245	5,543	14,090,426	2,221,765	12		
2,638,433	245,727	401,786	1,606,368	264,552			4,420,613	4,298,192	25,890	70,507	26,024	8,444,670	4,024,057	13		
1,342,310	163,205	173,956	733,078	258,268	1,639	12,164	13,994,155	13,744,596	44,655	174,904		20,533,366	6,569,211	14		
216,798	49,830	20,918	120,016	18,708	4,138	3,158	1,499,257	1,473,077	18,281	7,899		1,948,404	449,207	15		
278,332	76,025	24,387	89,823	56,705		1,392	553,921	537,479	4,730	11,712		1,169,971	616,050	16		
100,991	19,728	6,884	53,101	21,278			73,177	68,134	2,629	2,414		274,665	201,488	17		
130,879	17,400	14,570	93,784	5,125			138,741	134,334	1,358		243	376,906	238,165	18		
1,087,635	120,516	130,293	542,377	275,665		6,784	2,002,394	2,044,279	34,157	11,616	2,342	4,102,439	2,010,045	19		
1,488,299	178,552	221,344	892,698	193,801		1,904	3,244,565	3,160,051	22,276	21,961	40,277	6,038,648	2,794,083	20		
274,659	30,000	30,687	208,492	5,480			670,065	656,048	545	3,077	10,395	1,231,962	561,897	21		
274,389	20,700	39,326	161,298	48,721	4,344		1,157,360	1,117,975	25,788	13,597		2,054,694	896,734	22		
921,572	79,578	112,421	664,236	57,389	4,940	3,008	2,109,590	2,022,306	9,015	61,759	16,510	4,296,679	2,187,089	23		
95,608	3,500	10,128	82,982				165,925	162,250	1,743	1,932		311,161	145,236	24		
116,336	8,350	9,896	70,173	18,659	258		800,990	791,915	3,870	5,211		1,092,179	291,183	25		
433,327	37,770	34,050	222,307	134,123	2,040	3,037	2,106,722	2,068,999	12,829	24,894		2,761,935	655,213	26		
1,271,243	77,862	120,214	1,014,200	58,767	200		2,045,124	1,977,752	33,201	13,678	20,493	4,305,402	2,260,278	27		
293,258	29,905	31,511	210,038	21,804			230,676	217,974	2,852	9,826	24	704,623	473,047	28		
390,243	29,990	38,713	285,581	24,714	11,245		261,506	89,937	165,165	6,404		860,204	698,698	29		
1,329,772	258,340	157,212	824,778	84,643		4,799	2,077,896	2,036,903	15,494	25,476	23	4,244,976	2,167,080	30		
1,129,631	190,769	116,094	671,221	151,637			1,301,257	1,245,760	13,597	20,972	20,928	3,204,539	1,903,282	31		
419,023	28,265	45,573	220,150	125,035			483,625	476,056	1,021	4,807	1,741	1,114,694	631,069	32		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	33
681,585	97,518	110,423	368,490	105,154			515,910	491,265	10,182	14,463		1,751,097	1,235,187	34		
496,430	25,784	52,025	387,468	31,153			785,666	777,346	1,983	6,337		1,432,810	647,144	35		
232,671	9,224	42,811	145,044	35,592			516,861	488,846	16,439	11,276	306	1,082,445	565,584	36		
1,496,065	231,525	137,921	1,071,549	55,070			2,125,502	2,071,845	24,085	29,572		4,819,817	2,694,315	37		
66,227	15,516	4,420	45,170	1,121			54,559	51,680	1,341	1,538		173,616	119,057	38		
504,649	49,017	51,681	330,797	73,154			449,428	435,683	5,892	7,853		1,496,136	1,046,708	39		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	40
1,409,185	91,167	207,490	1,052,161	57,067		1,300	993,761	803,069	120,054	70,638		2,680,224	1,995,463	41		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	42
140,810	12,166	11,303	77,412	39,929			201,009	192,345	5,403	3,883	278	471,288	269,379	43		
3,220,424	298,696	330,353	1,921,191	670,184			4,107,422	3,866,766	119,424	44,966	76,266	10,900,027	6,792,605	44		
710,568	49,055	40,803	588,035	32,675			1,173,811	1,156,201	6,707	10,350	553	2,167,729	993,918	45		
674,756	104,587	63,053	309,006	198,110			891,622	868,993	10,472	12,057	100	2,088,210	1,196,588	46		
1,609,899	49,400	199,735	1,107,009	301,335	1,040	1,380	11,637,939	11,599,855	18,187	18,322	1,575	14,299,463	2,631,524	47		
1,078,128	3,684	282,412	712,923	69,041	10,068		5,188,841	5,120,277	35,295	32,263	1,006	7,771,826	2,582,985	48		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	49
130,208	13,580	16,401	91,621	7,742	924		119,206	112,969	1,295	4,942		366,897	247,691	50		
376,011	78,230	37,506	234,610	25,665			566,326	549,075	5,489	9,180	2,582	1,251,486	685,160	51		
21,205	3,120	3,591	14,494				13,699	11,426	8	765	1,500	57,525	43,826	52		
145,749	22,500	10,228	106,191	6,830			553,888	550,957	118	2,813		816,075	262,187	53		
1,271,258	135,911	116,819	855,946	161,489	543	550	1,687,763	1,549,380	6,263	13,421	118,709	3,465,260	1,777,497	54		
677,708	45,924	63,252	528,942	38,385		1,200	1,367,796	1,351,615	4,179	12,002		2,449,627	1,081,731	55		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	56
252,811	19,961	14,830	174,771	43,249			748,704	742,182	2,667	3,855		1,195,308	446,604	57		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	58
60,219	12,460	7,003	28,500	12,256			116,334	110,922	717	4,695		200,929	84,595	59		
167,297	36,437	7,338	88,248	34,680		594	290,589	278,480	1,835	10,167	107	713,918	423,329	60		
58,592	8,459	9,197	20,198	20,738			113,436	112,459	428	549		212,864	99,428	61		
1,550,002	155,518	140,665	988,635	264,884			3,109,817	3,046,138	23,791	33,123	6,765	6,652,206	3,542,389	62		
468,414	64,300	64,335	281,990	54,589	1,000	2,200	558,590	533,460	12,610	12,520		1,970,609	1,418,019	63		
174,609	6,240	16,349	142,866	9,154			323,008	297,389	310	3,353	21,956	551,584	228,576	64		
368,421		16,862	381,569				95,097	89,737	192	5,168		614,856	519,759	65		

TABLE 8.—GENERAL STATISTICS FOR

Group No.		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS 1						
					Total 2	Salaried officers of corporations 3	Manufacturing		Distribution	Construction	Other
							Salaried employees 4	Wage earners (average for year) 5			
1	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	59	40	4,520	67	244	3,962	241	1	5
2	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	9	1	719	2	42	637	37	1	
3	6	Wooden boxes except cigar boxes	9	5	377	6	31	320	9	5	
4	6	Wood preserving	6		241	1	38	202			
5	6	Wood products not elsewhere classified	26	29	665	16	40	505	4		
6	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	34	6	5,830	43	206	5,169	400	5	7
7	4	Work gloves and mittens: cloth, cloth and leather combined	4		870		36	834			
8		Other industries 6	352	123	37,060	347	3,791	30,840	1,825	221	36
OTHER INDUSTRIES, BY INDUSTRY GROUPS 6											
9	1	Food and kindred products	38	7	2,078	19	272	1,661	119	7	
10	3	Textile-mill products and other fiber manufactures	18	1	1,751	23	137	1,541	50		
11	4	Apparel and other finished products made from fabrics and similar materials	22	14	2,031	9	90	1,872	56		4
12	7	Paper and allied products	14	1	798	12	76	630	61	12	7
13	9	Chemicals and allied products	48	21	3,411	31	638	2,469	102	169	2
14	14	Iron and steel and their products, except machinery	24	6	5,467	47	280	4,850	286	3	1
15	15	Nonferrous metals and their products	17	12	1,877	13	120	860	77		7
16	16	Electrical machinery	15	3	695	12	97	567	19		
17	17	Machinery (except electrical)	37	17	1,460	40	199	1,058	158		5
18	19	Transportation equipment except automobiles	9	2	842	11	218	580	33		
19	20	Miscellaneous industries	31	13	1,181	41	124	884	148	4	
2	2	Tobacco manufactures	7	1	1,709	18	126	1,507	53		6
6	6	Furniture and finished lumber products	9	6	517	7	16	492	1		1
8	8	Printing, publishing, and allied industries	5	1	869	9	127	634	95	4	
10		Products of petroleum and coal	3		930		91	839			
20	13	Stone, clay, and glass products	19	3	3,139	22	262	2,765	70	20	
18		Automobiles and automobile equipment	31	15	8,413	27	886	6,997	497	2	4
5	5	Lumber and timber basic products	2								
11		Rubber products	2		692	6	32	654			
12		Leather and leather products	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

² Figures do not include data for personnel of central-administrative offices.

³ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK						Value of products	Value added by manufacture ¹
Total ²	Salaries of officers of corporations ³	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
4,950,033	391,696	433,956	3,752,844	305,427	2,600	3,510	7,710,549	7,039,445	4,325	49,132	617,647	14,614,978	6,904,429	1
497,520	24,800	61,051	354,531	55,427	1,711	-----	1,313,336	1,292,280	1,090	6,522	13,444	1,972,638	659,302	2
331,713	11,053	46,463	261,451	7,041	5,705	-----	604,210	581,766	2,686	19,758	-----	1,211,939	607,729	3
253,761	2,400	59,348	192,013	-----	-----	-----	2,677,611	2,645,797	27,315	4,499	-----	3,436,670	758,459	4
406,976	32,394	53,761	308,539	12,282	-----	-----	631,911	615,128	8,278	8,595	-----	1,263,327	631,416	5
4,802,661 (5)	202,830	303,939 (5)	3,512,927 (5)	681,561	4,884	6,520	10,488,177 (5)	10,021,207 (5)	22,293 (5)	60,059 (5)	381,708	17,783,448 (5)	7,295,271 (5)	6 7
53,454,755	2,255,517	8,253,103	38,911,722	3,651,372	351,750	31,291	242,838,181	236,159,136	3,549,263	2,218,462	911,320	384,725,941	141,887,760	8
3,343,995	120,532	595,456	2,293,573	326,608	7,766	-----	20,793,853	20,211,246	309,917	272,690	-----	34,355,266	13,561,413	9
1,768,451	232,832	201,589	1,151,786	92,244	-----	-----	3,004,334	2,869,569	52,979	81,795	-----	6,429,505	3,425,171	10
1,484,353	91,828	128,362	1,226,250	35,493	-----	2,420	3,163,463	3,112,922	5,335	38,434	6,772	5,304,077	2,140,614	11
995,735	71,688	129,434	627,407	140,815	18,293	8,098	1,808,415	1,715,178	61,536	31,701	-----	3,612,606	1,804,191	12
5,750,772	133,020	1,555,006	3,596,582	194,812	278,508	1,844	21,385,455	20,637,284	564,163	182,589	1,419	41,567,260	20,181,805	13
7,898,908	452,375	719,270	6,047,452	671,792	7,369	650	11,950,890	9,978,735	964,664	528,344	449,747	26,475,414	14,524,524	14
1,541,611	91,597	249,034	1,075,284	117,505	-----	8,191	12,093,331	11,767,862	208,731	116,538	200	16,407,699	4,314,398	15
843,749	35,832	147,618	623,381	36,918	-----	-----	3,324,330	3,231,859	30,164	53,577	8,730	8,501,266	5,176,936	16
2,224,176	284,142	339,138	1,244,466	352,089	-----	4,341	2,331,329	2,240,037	42,756	45,964	2,572	6,625,856	4,294,527	17
1,343,020	68,779	456,763	766,762	50,716	-----	-----	673,653	633,570	9,635	30,105	343	2,187,139	1,513,486	18
1,599,480	216,191	191,273	968,378	219,374	4,264	-----	1,578,522	1,351,519	11,879	28,804	186,320	4,077,901	2,469,379	19
24,651,505	456,701	3,450,160	10,290,401	1,412,946	35,550	5,747	166,730,606	158,409,364	1,258,104	807,921	255,217	229,181,952	68,451,346	20

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.³ For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of wage

Group No.	INDUSTRY	*Number of establishments	*Pro- pri- etors and firm mem- bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distri- bution	Con- struc- tion	Other
						Salaried employ- ees ⁴	Wage earners (average for year) ⁵			
ST. LOUIS INDUSTRIAL AREA										
1	All industries, total	2,787	1,352	161,572	2,829	16,157	126,831	13,733	1,678	344
2	19 Aircraft and parts, including aircraft engines	3		572	6	188	362	16		
3	15 Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	2	1,569	2	123	1,364	74		6
4	13 Asbestos products (except steam packing and pipe and boiler covering)	6		669	6	60	549	54		
5	3 Batting, padding, and wadding; upholstery filling	3		326	6	31	263	26		
6	20 Beauty-shop and barber-shop equipment	4	1	128	7	19	63	39		
7	4 Belts (apparel), regardless of material	3	1	32	1	6	24	1		
8	1 Biscuit, crackers, and pretzels	6	1	1,008	4	59	821	60	10	54
9	8 Bookbinding and related industries	30	20	438	24	28	362	24		
10	8 Books: printing without publishing ⁶	14	9	186	12	20	141	13		
11	8 Books: publishing without printing	7	1	147	4	108		35		
12	12 Boot and shoe cut stock and findings	26	6	3,708	20	205	3,444	39		
13	1 Bread and other bakery products (except biscuit, crackers, and pretzels)	344	342	4,366	56	210	3,696	352	9	43
14	13 Brick and hollow structural tile	19	2	564	15	43	493	13		
15	20 Brooms	4	5	15		1	12	2		
16	20 Brushes	4	1	65	7	9	36	13		
17	1 Candy and other confectionery products	16	10	1,207	12	99	958	112	15	11
18	4 Canvas products (except bags)	7	3	209	13	21	147	28		
19	19 Cars and car equipment—railroad, street, and rapid-transit	13		2,278	6	357	1,853	20	12	
20	6 Caskets, coffins, burial cases, and other morticians' goods	17	6	470	23	23	295	129		
21	9 Chemicals not elsewhere classified	11	2	3,150	3	616	2,043	42	445	1
22	20 Children's vehicles	3		299	6	31	254	8		
23	2 Cigars	9	9	100	3		94	3		
24	13 Clay refractories, including refractory cement (clay)	6		889	5	83	792	9		
25	9 Cleaning and polishing preparations, blackings, and dressings	25	12	346	29	45	121	151		
26	4 Clothing, leather and sheep-lined	4	4	341	3	20	276	42		
27	9 Coal-tar products, crude and intermediate	3		839		106	696		37	
28	7 Coated and glazed paper	3		308	4	27	232	39	6	
29	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	546	18	28	474	18		8
30	9 Colors and pigments	5		1,083	2	216	855	10		
31	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		166		16	85	65		
32	13 Concrete products	30	10	424	18	23	356	25	2	
33	1 Condensed and evaporated milk	3	1	29	1	4	19	5		
34	7 Converted paper products not elsewhere classified	3	6	235		11	224			
35	6 Cooperage	6	1	457	14	27	405	6	5	
36	1 Creamery butter	11	1	311	7	56	191	57		
37	4 Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors ⁷	16	7	433	15	17	372	26		3
38	14 Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	5	813	31	78	662	42		
39	14 Doors, window sash, frames, molding, and trim (made of metal)	4	1	313	8	15	247	43		
40	9 Drugs and medicines (including drug grinding)	38	4	2,033	56	228	1,145	578	22	4
41	16 Electrical products not elsewhere classified	3	1	40	6	8	25	1		
42	15 Electroplating, plating, and polishing	14	12	186	7	10	156	11		2
43	8 Electrotyping and stereotyping, not done in printing establishments	6	3	124	4	15	99	6		
44	17 Elevators, escalators, and conveyors ⁸	6	3	172	12	26	112	22		
45	4 Embroideries, other than Schiffli-machine products—contract factories	6	9	126	2		116	5		3
46	14 Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	7	2	290	8	42	240			
47	14 Enameling, japanning, and lacquering	3	1	144	5	5	134			
48	7 Envelopes	4		455	9	24	340	82		
49	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	24	5	810	50	101	610	51	4	
50	20 Feathers, plumes, and artificial flowers	3		40	6	2	31	1		
51	9 Fertilizers	8		330		25	266	38		1
52	3 Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	3	926	14	45	679	188		
53	1 Flavoring extracts and flavoring sirups, not elsewhere classified	20	11	322	17	39	179	84		3
54	1 Flour and other grain-mill products	14	1	575	23	57	404	81	4	6
55	1 Food preparations, not elsewhere classified	20	16	300	8	26	243	23		
56	17 Food-products machinery	7		290	14	44	205	27		
57	12 Footwear (except rubber)	26		9,342	42	500	8,636	160	4	
58	14 Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	4	16	1	1	14			
59	20 Games and toys (except dolls and children's vehicles)	8	4	163	9	10	128	16		
60	8 General commercial (job) printing	200	141	3,244	157	364	2,511	210	2	
61	16 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	1	7,476	69	960	5,915	472	48	12
62	14 Gray-iron and semisteel castings	16	2	1,382	20	96	1,233	30	3	
63	9 Grease and tallow (except lubricating greases)	6	6	62	3	7	52			
64	20 Hand stamps, stencils, and brands	5	3	89	3	1	43	12		
65	14 Hardware not elsewhere classified	3		507	8	26	459	14		
66	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	8	3	421	7	30	360	23	1	

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

Individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK						Value of products	Value added by manu- facture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Con- struction	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work			
		Salaries ³	Wages											
ST. LOUIS INDUSTRIAL AREA														
Dollars 220,626,214	Dollars 10,174,899	Dollars 31,706,701	Dollars 152,939,450	Dollars 25,878,649	Dollars 2,472,699	Dollars 456,816	Dollars 623,079,603	Dollars 599,109,755	Dollars 10,726,820	Dollars 6,702,551	Dollars 6,540,477	Dollars 1,086,595,741	Dollars 463,516,138	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1
2,207,937	5,800	278,008	1,783,074	131,944	-----	7,611	11,300,840	11,095,494	119,063	86,283	-----	16,423,479	5,122,630	2
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	3
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	5
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	6
30,949	7,500	6,358	15,891	1,200	-----	-----	88,726	88,257	100	369	-----	146,399	57,073	7
1,179,334	10,500	113,214	625,357	247,369	15,977	166,917	1,925,375	1,858,735	45,774	20,866	-----	4,845,234	2,919,859	8
484,480	70,454	50,866	322,153	35,007	-----	-----	308,388	289,714	3,159	9,407	6,018	1,190,024	881,636	9
343,160	51,183	35,200	229,207	27,480	-----	-----	338,622	290,372	3,532	7,846	36,872	830,043	491,421	10
253,677	18,000	164,053	71,624	71,624	-----	-----	363,501	5,456	-----	608	357,437	1,010,712	647,211	11
4,186,952	109,138	345,034	3,047,137	85,643	-----	-----	16,792,452	16,705,076	21,730	58,497	7,149	23,119,376	6,326,924	12
6,451,783	271,156	451,962	5,337,200	949,580	10,995	30,590	10,957,213	10,455,891	309,230	192,092	-----	22,144,267	11,187,054	13
648,175	44,600	73,755	502,325	27,495	-----	-----	350,217	129,151	160,335	59,382	1,349	1,599,864	1,249,647	14
10,673	(⁵)	1,516	7,329	1,729	-----	-----	16,303	15,960	126	217	-----	35,211	18,908	15
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	16
1,200,012	43,112	160,950	779,207	190,554	21,687	13,502	3,008,366	2,931,062	40,008	37,356	-----	5,069,653	2,061,287	17
232,373	43,268	29,350	124,077	34,769	-----	-----	579,533	569,028	1,845	2,660	-----	976,528	402,995	18
3,336,224	51,600	741,861	2,501,464	15,716	25,583	-----	7,366,773	7,161,161	120,478	85,134	-----	11,405,215	4,038,442	19
783,887	141,847	44,108	307,058	259,774	-----	-----	773,062	752,963	6,481	10,783	2,865	1,976,359	1,203,267	20
5,591,449	31,930	1,659,066	3,195,756	77,828	625,289	1,580	13,627,609	12,773,699	795,708	58,202	-----	31,410,525	17,782,916	21
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	22
74,776	5,100	-----	66,621	3,055	-----	-----	72,292	70,694	1,289	309	-----	175,763	103,471	23
1,012,678	32,925	161,320	802,543	15,890	-----	-----	1,179,765	835,792	305,858	38,115	-----	3,346,273	2,166,508	24
671,678	161,660	1,603	136,099	292,416	(⁵)	(⁵)	1,249,865	1,236,572	7,945	5,348	(⁵)	3,083,057	1,833,192	25
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	26
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	27
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	28
728,154	58,280	57,704	583,432	23,934	-----	4,735	1,288,863	1,269,370	866	7,635	10,992	2,495,361	1,206,498	29
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	30
274,050	-----	39,073	121,446	113,531	-----	-----	319,424	256,920	2,730	59,774	-----	1,290,239	979,815	31
570,149	72,992	52,587	391,763	47,513	5,304	-----	1,312,044	1,282,402	9,743	16,892	3,007	2,224,400	912,356	32
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	33
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	34
571,914	64,934	46,705	432,982	17,804	6,438	3,961	1,134,274	1,119,034	6,485	8,755	-----	1,843,924	709,650	35
499,325	35,460	105,768	234,377	123,720	-----	-----	4,485,081	4,379,663	52,943	52,475	-----	5,891,143	1,406,062	36
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	37
401,422	81,044	23,422	257,045	37,311	-----	2,600	1,424,167	1,395,525	470	6,077	21,795	2,086,904	662,737	38
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	39
3,342,877	526,600	454,545	1,175,591	1,152,018	29,681	4,442	5,223,154	5,154,307	30,210	38,237	400	19,373,137	14,149,983	40
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	41
233,393	24,787	16,460	176,726	14,150	-----	1,270	111,533	85,915	6,898	17,476	1,244	497,755	386,222	42
230,274	20,600	29,424	171,104	9,146	-----	-----	55,594	47,608	2,675	5,411	-----	383,929	328,335	43
219,774	56,682	24,071	103,050	35,477	-----	(⁵)	265,622	267,802	1,317	2,838	3,665	660,904	395,282	44
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	45
325,821	34,016	58,274	233,031	-----	-----	-----	287,911	269,646	11,150	7,115	-----	762,365	474,454	46
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	47
608,022	54,356	54,334	384,134	175,198	-----	-----	900,858	878,952	1,765	12,552	7,589	1,882,406	981,548	48
1,341,189	326,136	211,356	688,091	108,606	7,000	-----	2,410,627	2,322,374	24,599	33,483	30,171	4,835,670	2,425,040	49
36,916	11,737	1,473	19,761	3,955	-----	-----	50,238	49,670	105	463	-----	98,763	48,525	50
384,881	-----	48,063	263,846	71,665	317	500	1,916,794	1,880,970	10,211	25,613	-----	2,978,803	1,062,009	51
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	52
665,842	170,626	87,315	213,635	180,792	-----	13,474	3,594,456	3,578,679	7,916	7,861	-----	9,313,601	5,719,145	53
857,513	117,377	112,285	466,319	152,293	3,275	5,964	8,122,905	8,001,428	44,554	76,623	-----	9,756,777	1,633,872	54
234,506	24,536	38,938	134,555	36,477	-----	-----	2,250,306	2,235,503	11,079	3,424	-----	2,993,740	743,434	55
450,845	56,876	84,975	250,400	58,594	-----	-----	563,530	547,595	7,734	6,844	1,667	1,194,778	630,948	56
9,358,884	340,693	892,980	7,395,938	700,269	13,998	-----	10,649,529	10,444,881	24,768	79,405	100,475	23,925,581	13,276,052	57
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	58
177,807	50,35													

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ²			
ST. LOUIS INDUSTRIAL AREA—Continued										
1 4	Housefurnishings (except curtains, draperies, and bedspreads).....	14	6	215	13	23	148	29	1	1
2 1	Ice cream and ices.....	29	16	429	29	35	186	174		5
3 1	Ice, manufactured.....	38	4	379	25	38	229	74		13
4 12	Industrial leather belting and packing leather ^a	5	1	52	10	9	27	6		
5 17	Industrial machinery, not elsewhere classified.....	12	2	634	23	109	470	32		
6 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	22	3	270	38	35	120	75		2
7 15	Jewelry (precious metals).....	11	17	159	8	22	95	33		1
8 6	Laboratory, hospital, and other professional furniture ^b	7	5	207	8	18	254	17		
9 6	Lasts and related products.....	5	3	221	5	28	181	6	1	
10 12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	7		1,139	6	90	1,042	1		
11 15	Lighting fixtures.....	7		459	18	56	315	70		
12 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) ^c	31	5	1,090	63	155	695	175	2	
13 9	Lubricating oils and greases—not made in petroleum refineries.....	5	1	54	8	6	22	18		
14 1	Macaroni, spaghetti, vermicelli, and noodles.....	8	3	265	13	10	213	28		1
15 8	Machine and hand typesetting (including advertisement typesetting).....	18	14	194	17	21	152	4		
16 17	Machine-shop products, not elsewhere classified.....	32	9	1,567	52	129	1,167	203	6	10
17 17	Machine-shop repairs.....	22	21	159	4	7	142	5		1
18 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	10	7	105	11	15	156	10		3
19 17	Machine tools.....	3		137	5	14	115	2		1
20 1	Malt liquors.....	16	1	4,982	41	303	3,714	915		9
21 6	Mattresses and bedsprings.....	10	5	510	15	28	431	35		1
22 1	Meat packing, wholesale.....	40	22	8,831	63	1,028	6,201	1,443	82	14
23 4	Men's and boys' hats and caps (except felt and straw).....	15	19	418	14	20	378	6		
24 4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	6		1,363	7	83	1,199	70	4	
25 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	10	7	371	8	6	349	8		
26 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	11	1	1,821	21	101	1,571	128		
27 4	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	7	1	410	11	23	327	49		
28 17	Metalworking machinery and equipment, not elsewhere classified.....	4		188	7	34	112	34		1
29 4	Millinery.....	28	17	919	34	60	782	43		
30 13	Minerals and earths, ground or otherwise treated.....	6		56	3	5	45	2		1
31 13	Mirrors and other glass products made of purchased glass.....	13	9	175	13	17	128	17		
32 20	Miscellaneous fabricated products not elsewhere classified.....	8	3	178	10	13	143	12		
33 4	Miscellaneous fabricated textile products not elsewhere classified.....	4	2	86	3	2	50	22		
34 20	Models and patterns (except paper patterns).....	20	8	281	23	14	206	38		
35 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	17	7	172	16	13	124	19		
36 18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	17	6	4,781	22	568	3,901	288	2	
37 8	Newspapers: publishing and printing.....	34	23	3,007	28	650	1,391	935	3	
38 8	Newspapers: publishing without printing.....	10	8	50	3	39	1	7		
39 1	Nonalcoholic beverages.....	56	42	1,007	45	75	315	545		27
40 15	Nonferrous-metal foundries (except aluminum).....	9	3	503	16	53	423	11		
41 15	Nonferrous-metal products not elsewhere classified.....	4	3	78	5	4	66	3		
42 17	Office and store machines, not elsewhere classified.....	5		130	10	19	89	10		2
43 17	Oil-field machinery and tools.....	3		125	7	19	84	15		
44 20	Organs.....	3		205	8	15	123	59		
45 9	Paints, varnishes, and lacquers.....	34	12	875	56	123	472	217	6	1
46 7	Paper and paperboard mills.....	4		771	7	46	696	22		
47 7	Paper bags, except those made in paper mills.....	4		232	6	11	189	26		
48 7	Paperboard containers and boxes not elsewhere classified.....	38	6	2,814	65	203	2,427	115	3	1
49 6	Partitions, shelving, cabinet work, and office and store fixtures.....	17	4	1,326	36	143	1,068	77		2
50 10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	6		119	8	23	71	17		
51 8	Periodicals: publishing and printing.....	15	1	550	15	142	342	50	1	
52 8	Periodicals: publishing without printing.....	42	6	401	42	181	8	168		2
53 8	Photoengraving, not done in printing establishments (including preparation of plates) ^a	16	2	305	32	33	199	41		
54 20	Photographic apparatus and materials and projection equipment (except lenses) ^b	6		271	10	39	170	42	10	
55 1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	9	8	187	12	5	136	34		
56 5	Planing mills not operated in conjunction with sawmills.....	47	19	1,007	55	62	805	80	1	4
57 1	Poultry dressing and packing, wholesale.....	14	13	222	2	12	176	32		
58 14	Power boilers and associated products.....	6	1	398	13	66	314	5		
59 1	Prepared feeds (including mineral) for animals and fowls.....	16	2	527	18	72	356	78		3
60 1	Preserves, jams, jellies, and fruit butters.....	3		128	7	10	101	8	2	
61 9	Printing ink.....	6	1	84	8	6	46	24		
62 17	Printing-trades machinery and equipment.....	6	1	47	7	4	30	6		
63 20	Professional and scientific instruments (except surgical and dental).....	6	3	101	4	8	86	3		
64 17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	11	4	684	11	82	557	34		
65 4	Robes, lounging garments, and dressing gowns.....	3		203	3	9	191			

See footnotes at end of table.

MISSOURI

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INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES						COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total 1	Salaries of officers of corporations 2	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture 4
		Salaries 3	Wages										
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
243,071	62,953	31,453	115,720	31,152	1,200	593	702,595	694,943	3,812	4,140		1,169,449	460,554
708,727	106,223	55,930	228,165	311,022		7,387	1,922,071	1,837,252	11,501	73,015		3,908,007	1,980,836
570,469	75,306	73,822	311,534	94,403		15,404	121,095	110,760	23,184	287,153		2,514,501	2,093,206
88,108	36,417	12,411	33,024	6,250			161,798	157,646	1,699	2,453		335,088	173,290
1,144,206	151,209	187,820	750,165	49,102			897,509	830,830	20,817	45,645	217	3,372,082	2,474,573
548,342	178,402	90,433	123,360	154,433		1,604	761,720	742,493	9,136	10,691		2,213,333	1,451,613
235,513	26,806	29,843	127,642	50,626		536	277,609	272,032	631	1,030	3,916	683,410	405,801
410,749	52,025	32,043	287,526	37,955			498,113	481,888	5,883	10,342		1,075,789	577,676
330,045	29,205	58,856	224,013	10,164	2,107		270,234	256,909	2,148	11,177		828,268	558,034
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
671,207	110,441	117,549	303,593	139,624			676,077	644,895	5,938	22,810	3,034	1,838,618	1,161,041
1,933,657	304,041	260,160	927,400	437,138	4,918		1,666,103	1,462,055	9,246	35,625	159,174	4,694,135	3,028,032
(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
368,938	67,435	32,381	261,067	7,455			72,001	54,360	3,751	5,233	8,657	577,045	505,044
2,429,560	275,954	265,472	1,544,528	322,262	10,872	10,472	2,790,239	2,680,595	37,447	61,621	7,576	7,951,081	5,154,842
230,061	12,130	0,852	206,041	4,533		805	197,061	184,025	4,393	7,502	1,141	615,648	418,587
(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
143,146	12,243	21,301	105,606	2,819		1,117	107,701	100,693	2,997	4,101		314,321	206,620
10,012,011	518,259	508,394	0,955,722	1,959,579		10,057	16,677,124	16,008,211	463,083	76,638	129,192	41,181,636	24,504,812
658,175	95,180	49,220	465,683	40,547	1,545	1,184,040	1,161,180	9,373	13,478			2,266,905	1,082,805
14,325,061	431,358	2,058,837	9,017,084	2,657,998	138,838	20,946	117,360,951	116,650,905	341,739	311,352	23,865	137,629,972	20,254,021
365,834	39,166	28,788	287,370	10,610			580,482	579,725	786	5,971		1,065,783	479,391
1,044,951	48,305	114,287	815,473	63,431	3,455		1,867,582	1,847,880	7,139	12,563		3,329,504	1,461,922
307,695	17,163	8,007	276,057	6,468			91,826	82,081	691	6,540	2,514	495,238	403,412
2,271,836	131,440	254,490	1,082,536	203,358			5,057,418	4,576,484	9,119	21,275	450,540	9,355,820	4,298,402
457,885	65,089	28,836	254,961	108,099			765,462	760,820		4,267	375	1,412,393	640,031
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
980,868	95,239	92,283	733,764	50,582			1,397,419	1,373,260	2,792	21,367		3,005,658	1,608,230
57,069	6,375	7,840	38,999	3,249		600	106,113	86,666	5,714	6,672	1,061	201,881	101,768
244,822	33,514	24,410	162,851	24,038			464,254	457,024	4,543	2,522	165	834,904	370,650
182,269	42,948	16,686	100,228	16,407			345,123	341,344	1,715	2,064		687,601	342,478
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
488,911	83,032	25,631	315,302	64,346			90,044	78,513	4,366	6,561	614	740,836	650,792
208,817	31,951	18,450	132,519	25,897			142,958	121,460	2,568	13,695	4,935	488,710	345,752
(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
6,745,637	447,735	1,501,892	3,012,646	1,779,456	3,908		3,787,891	3,432,845	36,411	111,052	207,583	15,122,183	11,334,292
72,916	24,286	40,561	228	7,841			255,100	3,360	116	324	251,360	442,078	180,978
1,395,482	218,689	118,139	371,085	676,372		11,197	2,654,618	2,596,062	22,681	35,935		6,746,366	4,091,738
(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
212,027	63,700	31,069	102,117	13,700		1,441	564,681	554,905	2,185	3,766	3,825	1,084,247	519,569
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
1,539,054	209,940	208,161	536,138	507,473	0,947	4,386	4,817,296	4,749,078	23,786	44,342		8,955,032	4,137,736
(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
3,013,395	411,537	345,617	2,535,927	316,029	3,505	780	9,092,502	8,981,035	37,321	74,068	78	15,725,929	6,633,427
1,943,254	204,974	287,785	1,280,345	138,573		1,577	2,084,144	2,026,208	19,101	37,731	1,104	4,741,771	2,657,627
193,048	27,908	31,797	83,163	50,690			371,377	354,823	11,373	5,181		706,873	335,496
909,392	48,984	221,028	538,658	99,541	1,181		522,428	451,942	6,665	17,414	46,407	1,875,194	1,352,766
707,237	201,707	204,478	19,486	191,003		900	1,246,216	104,276	1,895	1,132	1,138,913	2,811,522	1,565,306
719,766	120,552	45,350	464,083	89,781			132,487	97,170	1,495	9,927	23,895	1,004,136	931,649
401,987	57,581	67,673	183,113	81,977	11,643		609,961	578,838	16,584	14,539		1,336,519	726,558
245,384	41,942	7,414	110,599	85,429			490,546	454,802	2,326	3,418		776,429	315,883
1,293,622	104,838	97,746	905,009	119,789	2,550	3,600	1,781,554	1,702,395	9,391	69,083	685	3,688,235	1,900,681
132,437	7,440	17,850	85,474	21,664			1,633,278	1,498,930	3,201	4,908	5,643	2,126,080	479,150
719,365	100,125	135,001	474,473	9,766			1,040,225	977,596	13,753	22,922	25,924	1,935,473	895,248
688,862	94,790	92,713	403,643	94,464		2,752	7,343,340	7,222,816	19,881	100,643		11,814,054	4,470,714
(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)
162,268	50,613	14,507	56,098	41,050			339,778	329,946	3,159	0,673		733,059	393,311
67,107	13,228	5,436	38,458	9,985			41,989	39,059	1,195	1,735		171,282	129,293
(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
1,045,109	76,652	161,793	673,721	132,943			2,662,218	2,629,432	17,703	15,053		4,057,074	1,994,866
(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)

TABLE 9.—GENERAL STATISTICS FOR

Group No.		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS 1						
					Total 2	Salaried officers of corporations 2	Manufacturing		Distribution	Construction	Other
							Salaried employ-ees 2	Wage earners (average for year) 3			
ST. LOUIS INDUSTRIAL AREA—Continued											
1	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	5		407	5	32	285	71	14	
2	12	Saddlery, harness, and whips.....	3	3	28		1	27			
3	1	Salad dressings.....	3	2	39	2	1	31	5		
4	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	13	13	64	4	3	41	11	1	4
5	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	8	8	263	3	13	242	5		
6	14	Screw-machine products and wood screws.....	4	1	164	5	16	138	5		
7	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	3		488	3	57	389	21	18	
8	15	Sheet-metal work not specifically classified.....	33	11	639	43	58	482	53		3
9	20	Signs, advertising displays, and advertising novelties.....	33	16	647	38	61	480	62		
10	9	Soap and glycerin.....	7	2	507	12	99	204	26	76	
11	17	Special-industry machinery, not elsewhere classified.....	6	2	449	13	57	310	69		
12	20	Sporting and athletic goods not elsewhere classified.....	8	4	451	11	33	392	15		
13	14	Spring, steel (except wire)—made in plants not operated in connection with rolling mills.....	3	1	179		31	134	14		
14	14	Stamped and pressed metal products (except automobile stampings).....	13	5	1,084	25	67	966	26		
15	13	Statuary and art goods (except stone and concrete)—factory production.....	6	0	55	7	4	42	2		
16	14	Steam fittings, regardless of material.....	4		419	7	43	325	44		
17	14	Steel barrels, kegs, and drums.....	4	1	421	5	28	356	32		
18	14	Steel castings.....	8		3,647	15	412	3,119	36	47	18
19	14	Steel works and rolling mills.....	5		3,903	6	437	3,376	54	17	13
20	17	Stokers, mechanical, domestic and industrial.....	5		108	5	9	61	33		
21	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	24	3	3,251	42	257	2,404	546		2
22	12	Suitcases, brief cases, bags, trunks, and other luggage.....	11	0	407	7	15	385			
23	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	10	1	685	17	39	277	352		
24	4	Textile bags—not made in textile mills.....	7	3	1,007	4	57	857	87	1	1
25	14	Tin cans and other tinware not elsewhere classified.....	6	1	625		117	480	21	7	
26	2	Tobacco (chewing and smoking) and snuff.....	7	2	1,656	12	127	1,408	47		2
27	14	Tools (except edge tools, machine tools, files, and saws).....	4	1	187	9	18	140	20		
28	4	Trimmings (not made in textile mills), stamped art goods, and art needle-work—contract factories.....	3	2	30	3	3	24			
29	4	Trimmings (not made in textile mills), stamped art goods, and art needle-work—made in regular factories or by jobbers engaging contractors.....	5	4	138	3	6	124	5		
30	4	Trousers (semidress), wash suits, and washable service apparel.....	15	5	1,344	18	81	1,181	61	2	1
31	6	Upholstered household furniture.....	10	2	360	9	28	309	13		1
32	6	Venetian blinds.....	10	16	180	4	3	149	24		
33	1	Vinegar and cider.....	3		27	3	5	18	1		
34	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	5	2	35	4	2	22	7		
35	6	Window and door screens and weather strip.....	12	11	117	7	5	84	20		1
36	14	Wirework not elsewhere classified.....	12	7	854	15	68	636	135		
37	10	Wiring devices and supplies.....	3		177	7	17	141	10	1	1
38	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	1	156		10	142	4		
39	4	Women's and misses' dresses (except house dresses)—made in contract factories.....	11	17	493		12	481			
40	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	51	39	2,897	47	136	2,582	127		5
41	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	6	1	631	2	34	557	37	1	
42	6	Wooden boxes except cigar boxes.....	7	3	259	6	30	212	8	3	
43	6	Wood preserving.....	4		267	1	23	234	9		
44	6	Wood products not elsewhere classified.....	7	10	84		7	75	2		
45	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	6	2	551	8	17	455	71		
46		Other industries.....	505	176	51,503	643	5,788	41,348	2,745	927	52
OTHER INDUSTRIES, BY INDUSTRY GROUPS 6											
47	1	Food and kindred products.....	36	12	1,622	33	91	1,269	157	41	1
48	2	Tobacco manufactures.....	7	2	1,656	12	127	1,468	47		2
49	3	Textile-mill products and other fiber manufactures.....	25	5	2,403	32	152	1,988	231		
50	4	Apparel and other finished products made from fabrics and similar materials.....	38	31	1,262	17	60	1,098	81		6
51	6	Furniture and finished lumber products.....	18	5	883	19	71	763	27		3
52	7	Paper and allied products.....	18	6	1,858	20	116	1,602	107	6	7
53	8	Printing, publishing, and allied industries.....	13	9	103	10	11	77	5		
54	9	Chemicals and allied products.....	68	22	4,956	58	739	3,701	344	113	1
55	11	Rubber products.....	11	2	621	20	55	516	26	1	3
56	12	Leather and leather products.....	23	8	1,736	18	127	1,578	13		
57	13	Stone, clay, and glass products.....	28	10	4,380	36	536	3,695	103	10	
58	14	Iron and steel and their products, except machinery.....	48	15	4,175	72	372	3,533	194	3	1
59	15	Nonferrous metals and their products.....	23	10	2,357	32	224	1,990	87	21	3
60	16	Electrical machinery.....	43	5	8,948	104	1,097	7,158	527	49	13
61	17	Machinery (except electrical).....	41	14	2,759	59	391	1,989	308		12
62	19	Transportation equipment except automobiles.....	6		739	10	210	501	18		
63	20	Miscellaneous industries.....	44	14	1,683	64	166	1,290	159	4	
64	5	Automobiles and automobile equipment.....	17	6	4,781	22	568	3,901	288	2	
65		Lumber and timber basic products.....	2								
66	10	Products of petroleum and coal.....	6		4,581	5	675	3,201	23	677	

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK								Value of products	Value added by manufacture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries ³	Wages										

ST. LOUIS INDUSTRIAL AREA—Continued													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
555,570	24,400	63,309	332,785	107,116	27,870		1,736,347	1,689,424	41,860	5,063		3,206,063	1,470,616
10,813		836	15,977				31,922	31,536	139	247		70,422	38,500
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
80,050	8,600	4,485	52,060	17,450	409	3,037	667,525	658,881	2,785	5,859		879,535	212,010
159,898	12,606	15,440	119,125	12,727			198,171	186,675	5,413	2,983	3,100	439,612	241,441
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
992,555	198,120	117,812	622,238	52,060		2,319	1,559,711	1,527,761	13,025	18,902	23	3,145,028	1,585,317
950,006	161,675	111,675	550,285	126,371			1,095,032	1,049,294	11,288	16,995	17,455	2,026,952	1,531,920
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
681,585	97,518	110,423	368,490	105,154			515,910	491,265	10,182	14,463		1,751,097	1,235,187
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
1,412,088	213,765	127,475	1,015,778	55,070			2,006,543	1,953,966	23,948	28,629		4,506,345	2,499,802
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
593,405	30,457	75,630	408,346	78,966			644,754	621,174	10,376	13,204		1,771,404	1,126,650
614,316	51,200	55,082	428,123	79,311			1,049,140	1,020,114	10,461	18,565		2,149,874	1,100,734
5,107,424	105,843	756,399	4,073,317	104,633	48,616	18,616	2,637,808	2,185,750	324,623	127,235	200	13,364,205	10,720,397
6,360,325	68,642	932,917	5,223,984	89,710	31,943	13,129	13,841,785	11,764,858	1,384,660	256,063	436,264	24,689,101	10,847,316
140,810	12,166	11,303	77,412	39,929			201,909	192,345	5,403	3,883	278	471,288	269,379
4,273,772	315,308	429,236	2,839,022	688,702		1,504	5,734,729	5,199,930	148,273	62,838	323,688	14,298,434	8,563,705
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
557,134	86,165	41,162	253,875	175,932			791,937	773,467	8,583	9,787	100	1,730,193	938,256
1,157,196	18,000	116,940	705,249	253,087	1,040	1,380	7,479,194	7,456,128	11,744	11,322		9,202,942	1,725,748
817,442		226,660	516,603	68,061			3,036,510	2,986,325	23,399	26,780	1,006	4,289,834	1,253,324
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
266,480	72,230	32,560	136,019	25,665			497,319	491,310	2,395	3,614		870,655	373,330
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
21,205	3,120	3,591	14,494				13,699	11,426	8	765	1,500	57,525	43,826
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
1,227,023	103,361	124,814	849,440	148,315	543	550	2,135,776	2,052,138	4,707	12,236	66,695	4,268,169	2,132,393
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)
444,015	34,920	20,468	364,211	14,216		1,200	857,246	848,878	1,847	6,521		1,533,375	676,129
187,575	8,398	7,506	142,605	20,096			589,158	583,959	2,069	3,130		935,924	346,766
62,023	27,216	12,254	18,193	4,360			125,214	122,634	371	2,209		237,630	112,416
36,698	7,096	3,459	20,524	5,619			86,308	83,567	336	2,405		148,294	61,986
167,297	30,437	7,338	88,248	34,680		504	290,589	278,480	1,835	10,167	107	713,918	423,329
1,327,674	133,067	124,032	815,820	254,755			2,764,413	2,698,643	21,009	28,750	6,011	5,838,094	3,083,681
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
398,421		16,852	381,509				95,097	89,737	192	5,168		614,856	519,759
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,884,740	246,030	200,450	2,230,531	204,219		3,510	4,897,981	4,228,593	3,375	31,720	634,293	9,000,254	4,162,273
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
461,687	24,800	67,996	311,753	55,427	1,711		1,107,103	1,087,658	300	5,701	13,444	1,638,585	531,482
227,162	11,053	48,277	158,639	6,050	3,143		380,236	365,068	1,903	13,265		771,983	391,747
297,216	6,600	40,351	236,086	14,179			1,742,091	1,706,603	23,362	12,126		2,191,565	449,474
72,158		10,168	59,070	2,020			116,847	111,742	345	4,760		261,999	145,152
687,195	91,168	38,836	388,672	168,519			1,742,644	1,409,119	3,685	2,731	327,109	2,830,546	1,087,902
74,640,828	4,146,114	11,721,886	51,394,432	5,930,564	1,382,760	56,072	239,158,786	230,122,070	4,969,340	2,928,403	1,138,973	402,835,684	163,676,898
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,320,736	163,317	174,352	1,504,197	405,542	71,074	2,254	12,007,242	11,623,882	188,373	194,957		19,069,661	7,062,419
1,763,850	46,800	259,122	1,379,818	77,078		2,032	12,392,987	12,323,640	63,950	5,397		18,285,285	5,892,298
2,525,143	266,370	291,006	1,612,071	355,696			4,313,789	4,165,753	60,140	82,757	5,139	8,979,157	4,665,368
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1,248,684	135,570	93,771	954,079	61,451		3,813	2,604,650	2,529,501	3,281	31,205	40,669	4,347,362	1,742,706
877,159	51,327	85,359	703,064	34,936		2,473	1,621,781	1,584,259	9,901	27,621		3,859,182	2,237,401
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,681,985	181,025	202,492	1,945,129	276,417	8,824	8,098	5,896,793	5,520,064	304,490	72,239		10,274,094	4,377,301
128,246	28,534	14,555	79,557	5,609			72,755	58,786	533	2,989	10,447	295,561	222,806
7,232,204	281,460	1,510,800	4,601,231	641,731	196,501	481	19,982,008	19,125,239	676,517	173,987	7,165	41,140,882	21,157,974
969,143	132,562	130,347	654,221	47,505	1,500	3,008	3,135,123	2,963,881	27,392	127,840	16,510	4,571,623	1,436,500
2,058,330	50,833	224,359	1,728,830	58,200	1,108		6,328,702	6,220,888	33,280	72,240	2,294	10,066,987	3,738,285
6,340,691	148,342	1,047,153	4,920,941	212,410	11,845		7,452,558	5,395,027	1,383,428	674,103		21,280,403	13,836,905
5,678,793	455,006	601,722	4,131,703	424,481	5,201	650	6,407,877	5,893,810	224,958	159,308	129,801	15,854,765	9,446,888
3,494,385	253,416	536,721	2,472,710	175,977	42,277	3,284	22,538,270	21,196,088	5373				

TABLE 9.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distri-bution	Con-struction	Other
						Salaried employ-ees ⁴	Wage earners (average for year) ⁵			
KANSAS CITY INDUSTRIAL AREA										
1	All industries, total.....	1,047	586	51,067	959	5,102	38,378	0,199	171	258
2	1 Biscuit, crackers, and pretzels.....	6	3	663	5	25	513	88	14	18
3	8 Bookbinding and related industries.....	7	4	73	7	3	61	2		
4	8 Books: printing without publishing.....	8	5	109	8	15	76	10		
5	8 Books: publishing without printing.....	3		74	6	25	43			
6	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	56	36	2,175	25	105	1,851	147	11	36
7	20 Brooms.....	5	4	38	1	1	35	1		
8	1 Candy and other confectionery products.....	8	3	555	6	20	407	104	12	
9	9 Canvas products (except bags).....	5	3	117	5	7	61	42	1	1
10	19 Cars and car equipment—railroad, street, and rapid-transit.....	7		218		21	195			2
11	6 Caskets, coffins, burial cases, and other morticians' goods.....	12	10	216	12	9	161	44		
12	1 Cheese.....	3	1	48	1	7	28	1		11
13	9 Chemicals not elsewhere classified.....	4	1	36	1	5	30			
14	9 Cleaning and polishing preparations, blackings, and dressings.....	8	3	100	4	10	51	34		1
15	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	8	2	734	18	54	548	111		3
16	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	8		101		14	67	20		
17	13 Concrete products.....	13	2	241	13	21	180	27		
18	7 Converted paper products not elsewhere classified.....	3	2	97	4	5	78	10		
19	6 Cooperage.....	4	3	91	2	5	84			
20	1 Creamery butter.....	9	3	267	13	39	140	69	5	1
21	7 Die-cut paper and paperboard, and converted cardboard.....	3	1	191	3	41	132	13	2	
22	9 Drugs and medicines (including drug grinding).....	25	11	528	27	47	326	115	5	8
23	15 Electroplating, plating, and polishing.....	7	7	63	6	6	40	5		
24	8 Electrotyping and stereotyping, not done in printing establishments.....	3	2	48	2	6	30	10		
25	14 Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	3		71	9	7	51	4		
26	8 Engraving (steel, copperplate, and wood); plate printing.....	3	2	58	5	4	45	4		
27	7 Envelopes.....	4		202	8	13	148	33		
28	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	7	2	353	16	39	235	63		
29	1 Flavoring extracts and flavoring sirups, not elsewhere classified.....	8	5	49	6	12	21	9		1
30	1 Flour and other grain-mill products.....	10	1	1,099	10	133	902	33	4	17
31	1 Food preparations, not elsewhere classified.....	15	12	290	11	13	227	37	2	
32	17 Food-products machinery.....	4		92	6	8	32	42		4
33	20 Games and toys (except dolls and children's vehicles).....	3	3	38		7	26	5		
34	8 General commercial (job) printing.....	97	86	960	64	120	713	63		
35	16 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	6	3	96	4	8	56	28		
36	14 Gray-iron and semisteel castings.....	7	1	285	5	24	251	5		
37	20 Hand stamps, stencils, and brands.....	4	2	27		1	24	2		
38	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	2	276	3	10	241	22		
39	4 Housefurnishings (except curtains, draperies, and bedspreads).....	5		166	9	5	128	24		
40	1 Ice cream and ices.....	17	8	428	13	37	167	182	3	26
41	1 Ice, manufactured.....	22	4	391	20	47	274	49	1	
42	9 Insecticides, fungicides, and related industrial and household chemical compounds.....	12	6	100	12	16	24	47		1
43	15 Jewelry (precious metals).....	4	2	69	2	7	60			
44	15 Lighting fixtures.....	5		233	14	11	173	28		7
45	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	9	6	180	17	17	122	23	1	
46	9 Lubricating oils and greases—not made in petroleum refineries.....	8	2	254	13	30	132	71	2	6
47	8 Machine and hand typesetting (including advertisement typesetting).....	10	11	81	6	10	64	1		
48	17 Machine-shop products, not elsewhere classified.....	11	8	114	7	11	84	12		
49	17 Machine-shop repairs.....	13	9	68	5	4	56	3		
50	6 Mattresses and bedsprings.....	12	6	412	5	38	330	33		
51	1 Meat packing, wholesale.....	13	5	7,053	8	650	5,204	1,049	20	47
52	4 Men's and boys' hats and caps (except felt and straw).....	6	8	100	1	6	89	4		
53	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	3		344	9	29	240	57		
54	4 Men's neckwear—made in inside factories or by jobbers engaging contractors.....	4	2	264	9	6	215	34		
55	4 Millinery.....	3	4	69	1	3	55			
56	13 Mirrors and other glass products made of purchased glass.....	3	4	31		6	21	4		
57	20 Models and patterns (except paper patterns).....	3	5	17			17			
58	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	5	3	107	4	9	79	15		
59	8 Newspapers: publishing and printing.....	16	8	1,830	17	404	934	475		
60	8 Newspapers: publishing without printing.....	4	5	6		6				
61	1 Nonalcoholic beverages.....	16	7	393	18	45	124	201		6
62	15 Nonferrous-metal foundries (except aluminum).....	4	2	62	2	6	51	2		1
63	15 Nonferrous-metal products not elsewhere classified.....	5	3	144	5	27	107	5		
64	9 Paints, varnishes, and lacquers.....	15	8	687	20	50	401	198	1	17
65	7 Paperboard containers and boxes not elsewhere classified.....	10	4	823	6	79	684	44	8	2
66	6 Partitions, shelving, cabinet work, and office and store fixtures.....	11	15	189	4	7	120	8		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries	Wages										
KANSAS CITY INDUSTRIAL AREA													
Dollars 73,723,764	Dollars 5,210,643	Dollars 9,545,651	Dollars 47,811,010	Dollars 10,613,750	Dollars 291,361	Dollars 351,331	Dollars 335,305,534	Dollars 327,692,263	Dollars 3,568,778	Dollars 2,792,367	Dollars 1,352,126	Dollars 483,770,597	Dollars 148,465,063
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
99,561	18,132	2,184	77,009	2,236			54,820	46,277	915	2,794	4,834	220,415	165,595
191,624	29,650	19,895	114,217	27,762			190,639	153,921	1,158	5,396	30,064	494,129	393,590
129,707	24,750	26,196		78,825			146,697	4,105			142,592	378,950	232,283
3,219,199	84,215	213,909	2,074,262	187,898	23,398	35,527	4,299,540	4,119,441	93,511	86,588		10,113,659	5,814,119
32,134	2,703	1,332	27,107	932			57,310	56,284	169	857		108,967	51,087
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
314,707		43,711	209,130	(5)	(5)	(5)	269,477	249,690	6,451	13,336		644,344	374,807
283,239	41,851	14,243	167,911	69,234		1,056	665,765	654,341	6,173	5,251		1,187,621	521,866
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
993,196	121,601	96,894	506,153	205,395		3,063	1,014,627	1,897,279	3,323	9,357	4,668	3,556,787	1,641,160
171,196		31,600	93,623	45,973			271,833	233,372	8,759	29,702		986,112	714,279
359,090	76,800	34,550	199,604	48,046			1,041,976	1,019,421	8,737	13,818		1,742,803	700,827
142,208	25,141	13,950	93,207	9,970			315,619	256,871	28,448	27,790	2,501	579,379	263,769
89,355	3,210	7,912	78,233				301,699	296,695	3,291	1,713		402,900	191,201
365,983	49,672	57,303	169,515	79,760	8,433	1,300	5,359,059	5,321,898	18,709	18,482		6,125,929	700,840
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
779,481	162,081	114,554	343,494	137,982	4,135	17,235	1,365,156	1,328,670	13,297	15,871	7,318	3,389,491	2,024,335
70,679	15,054	9,106	40,965	5,454			49,360	37,623	4,005	7,110		174,625	125,265
103,425	20,510	11,057	54,624	16,634			32,537	24,370	1,903	3,422	2,842	176,113	143,576
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
322,094	64,368	26,901	153,956	70,779			447,137	411,223	1,193	8,380	26,341	1,002,070	554,933
564,028	87,176	69,327	302,416	105,109			1,294,797	1,275,926	5,693	13,178		2,125,353	830,556
70,782	24,496	13,152	16,874	15,627			124,084	121,325	1,220	1,539		256,153	132,060
1,841,082	86,780	282,143	1,341,715	109,531	6,047	14,846	28,651,414	28,227,232	21,157	401,551	1,474	34,513,415	5,882,001
278,596	56,031	23,390	144,258	51,810	3,068		2,045,304	2,028,030	7,625	9,049		2,623,756	578,462
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1,516,179	240,905	187,160	953,188	134,926			1,517,249	1,329,518	9,936	37,017	140,778	4,024,493	2,507,244
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
345,358	12,382	45,671	277,562	9,843			335,348	255,868	59,386	20,094		1,071,086	735,738
34,398		1,144	31,161	2,093			36,344	32,815	250	1,279	2,000	97,248	60,904
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
637,888	73,250	70,427	185,510	264,819	6,825	37,051	1,453,584	1,372,422	24,805	56,357		2,847,771	1,394,187
612,748	73,585	90,355	310,667	30,641	1,500		286,460	63,936	15,305	207,219		1,408,471	1,122,011
210,121	56,606	24,873	24,077	103,359		306	302,055	298,051	2,189	1,815		702,071	400,016
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
368,750	61,108	26,597	230,575	42,408		8,062	393,791	380,915	2,431	6,230	4,215	931,010	537,219
362,032	89,012	27,482	204,877	41,123	38		333,840	238,345	1,480	7,987	86,028	849,993	516,153
447,594	102,350	53,259	101,273	120,442	2,575	7,665	1,297,192	1,274,075	9,329	13,788		2,328,829	1,031,637
138,716	10,331	11,670	106,605	1,210			35,299	29,783	1,335	3,010	1,171	266,542	231,243
207,561	71,018	14,888	90,716	30,939			929,361	924,250	1,215	3,502	388	1,254,068	324,707
111,164	13,425	3,144	92,001	2,594			55,821	49,328	1,469	3,144	1,880	219,586	163,765
411,844	17,100	61,668	274,320	58,780			1,046,890	1,030,357	3,730	12,749		1,916,935	870,099
10,253,327	45,690	1,264,734	6,938,928	1,855,250	46,445	102,250	96,774,154	96,038,193	479,624	256,337		110,346,787	13,572,633
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
399,721	62,320	43,325	214,673	79,503			533,564	525,486	2,130	5,948		1,040,468	506,904
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
153,202	14,430	10,600	112,309	15,863			147,036	134,227	1,346	11,334	129	387,575	240,539
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
6,318	6,318	6,318					28,363	7	13	8	28,335	53,584	25,221
618,126	60,999	76,032	136,494	338,769	626	6,106	1,056,691	1,026,861	11,363	18,233	234	2,490,018	1,433,327
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1,114,288	126,508	99,928	539,981	320,600	1,737	25,544	4,710,626	4,662,550	14,859	33,217		6,419,992	1,709,366
1,064,229	41,979	143,145	757,611	112,712	5,971	2,811	2,622,996	2,480,578	17,884	16,242	2,294	4,171,500	1,648,504
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
KANSAS CITY INDUSTRIAL AREA—Continued										
1 10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5		33	1	4	24	2	2	
2 9	Perfumes, cosmetics, and other toilet preparations	11	3	261	16	24	80	136		5
3 8	Periodicals: publishing and printing	15	11	550	20	185	292	53		
4 8	Periodicals: publishing without printing	17	2	90	18	58		14		
5 10	Petroleum refining	3		1,502		215	1,257		8	22
6 8	Photoengraving, not done in printing establishments (including preparation of plates)	7	2	118	22	13	69	14		
7 5	Planing mills not operated in conjunction with sawmills	12	10	315	12	9	228	65		1
8 1	Poultry dressing and packing, wholesale	15	16	73	1	4	48	20		
9 14	Power boilers and associated products	7	5	1,305	15	185	949	156		
10 1	Prepared feeds (including mineral) for animals and fowls	20	9	597	30	80	323	158	2	4
11 9	Printing ink	4	2	45	3	3	26	12		1
12 17	Printing-trades machinery and equipment	3	1	15	1	1	10	3		
13 17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	1	224	6	28	159	29		2
14 10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		174	3	20	131	16	4	
15 11	Rubber products not elsewhere classified	4	3	206	4	13	173	14	2	
16 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	7	287	9	16	171	90	1	
17 5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3		198	8	14	152	24		
18 15	Sheet-metal work not specifically classified	12	4	175	13	14	120	26		2
19 20	Signs, advertising displays, and advertising novelties	13	11	107	6	3	88	10		
20 9	Soap and glycerin	4		1,215	2	228	839	123	23	
21 20	Sporting and athletic goods not elsewhere classified	3	5	51		3	48			
22 14	Spring, steel (except wire)—made in plants not operated in connection with rolling mills	4	2	21	5	2	14			
23 14	Stamped and pressed metal products (except automobile stampings)	4	2	95	5	12	78			
24 14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	1	319	8	24	254	33		
25 12	Suitcases, brief cases, bags, trunks, and other luggage	4	2	303	5	16	264	28		
26 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	6	82	4	15	43	20		
27 4	Textile bags—not made in textile mills	7	2	551	3	60	463	19		
28 14	Tin cans and other tinware not elsewhere classified	3		446	2	70	362	9	3	
29 4	Trousers (semidress), wash suits, and washable service apparel	3	4	87	2	4	70	5		
30 6	Upholstered household furniture	8	10	223	3	21	184	15		
31 17	Vending, amusement, and other coin-operated machines	4	1	104	1	3	96	4		
32 13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3		19	4	2	8	5		
33 6	Window shades	4	3	33	3	5	16	9		
34 14	Wirework not elsewhere classified	6	9	70	2	2	62	4		
35 4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	1	1,989	20	119	1,735	114	1	
36 6	Wooden boxes except cigar boxes	3	1	155		11	139	3	2	
37 6	Wood preserving	3		110	1	11	98			
38 4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	3	1,642	15	72	1,345	210		
39	Other industries ⁴	342	198	20,885	304	2,167	16,005	2,279	81	49
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵										
40 1	Food and kindred products	36	9	2,398	31	195	1,756	355	31	30
41 4	Apparel and other finished products made from fabrics and similar materials	44	37	1,820	40	81	1,489	207	1	2
42 6	Furniture and finished lumber products	40	41	841	22	72	691	53	2	1
43 7	Paper and allied products	6	1	410	4	58	306	30	12	
44 8	Printing, publishing, and allied industries	21	10	2,672	28	524	1,544	572	4	
45 9	Chemicals and allied products	30	7	1,676	26	270	1,058	293	23	6
46 12	Leather and leather products	8	5	328	6	18	270	28		
47 13	Stone, clay, and glass products	11	7	404	7	41	320	36		
48 14	Iron and steel and their products, except machinery	31	17	3,989	47	231	3,525	180	6	
49 15	Nonferrous metals and their products	20	13	341	13	47	262	17		2
50 16	Electrical machinery	16	5	506	14	83	361	48		
51 17	Machinery (except electrical)	26	5	963	38	127	638	152		8
52 20	Miscellaneous industries	29	27	372	16	41	268	47		
11	Rubber products	4	3	206	4	13	173	14	2	
18	Automobiles and automobile equipment	13	9	3,705	3	330	3,140	223		
53 19	Transportation equipment except automobiles	3	1	177	3	26	129	19		
2	Tobacco manufactures	1								
3	Textile-mill products and other fiber manufactures	2	1	77	2	10	60	5		
10	Products of petroleum and coal	1								

¹ As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

² See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

³ Figures do not include data for personnel of central-administrative offices.

⁴ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries ³	Wages										
KANSAS CITY INDUSTRIAL AREA—Continued													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
32,229	1,800	7,287	18,551	3,371	1,220		95,793	86,737	6,015	3,041		225,818	130,025
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
940,879	90,857	271,289	443,291	135,442			561,102	464,752	7,516	15,630	73,204	2,707,859	2,206,757
164,868	65,648	75,789		23,431			211,900	40,243			171,657	549,627	337,727
2,725,858		424,216	2,281,732		12,986	6,924	25,393,061	24,398,963	879,491	114,607		30,704,209	5,311,148
263,073		22,540	141,135	28,264			61,598	48,417	467	4,918	7,796	430,334	368,736
418,940	37,110	16,089	271,807	93,643		234	505,925	486,173	6,803	12,849	100	1,158,461	652,530
64,288	6,000	4,805	33,650	19,833			580,284	580,450	2,820	3,014		677,986	91,702
2,115,297	183,602	356,330	1,308,437	266,928			3,741,546	3,602,313	12,360	52,673	74,200	7,089,144	3,347,598
882,753	142,948	140,034	366,500	223,528	3,083	6,000	6,491,279	6,378,635	30,441	82,203		9,061,675	2,570,396
116,064	25,412	9,880	33,725	45,655		1,392	214,143	207,533	1,571	5,039		436,882	222,739
33,584	6,500	1,448	14,043	11,293			31,188	29,075	1,434	679		103,383	72,195
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
190,760	5,300	25,042	140,826	14,354	4,344		939,209	904,569	22,714	11,926		1,605,487	756,278
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
399,138	34,446	32,196	197,965	132,900	1,631		1,782,373	1,748,138	11,482	22,753		2,275,085	492,712
331,381	31,222	31,730	241,829	26,591			341,801	321,107	10,110	10,447	137	808,830	467,029
270,505	49,083	21,484	158,680	39,618		1,640	380,924	372,559	2,371	5,994		864,597	483,673
150,528	29,094	2,763	108,555	10,116	(³)		179,190	170,426	1,889	3,402	3,473	480,871	301,681
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
380,434	30,050	46,808	244,643	49,324			382,013	356,495	16,673	8,945		909,584	527,671
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
593,628	30,800	89,172	400,610	73,046			4,848,580	4,831,427	7,041	8,537	1,575	5,880,050	1,031,470
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
23,521	5,364	3,544	7,976	6,637			30,026	27,355	381	2,290		52,635	22,809
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
66,663	6,279	1,719	51,035	7,630			107,307	104,374	502	1,677	754	229,960	122,653
2,299,291	145,666	264,036	1,725,181	161,208	2,600		3,325,254	3,303,206	1,781	20,267		6,340,032	3,014,778
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
1,739,096	123,773	108,329	1,220,411	278,183			2,793,583	2,722,956	3,579	17,048	50,000	5,243,957	2,450,374
30,185,177	1,903,447	4,211,397	19,823,530	4,021,918	154,699	70,186	119,606,074	116,488,797	1,645,621	993,134	478,522	192,094,103	72,488,029
3,362,580	165,830	410,447	2,099,885	581,512	51,562	53,344	9,919,285	9,556,775	291,644	70,866		19,239,944	9,320,659
1,650,780	184,524	105,103	1,033,495	325,120	943	1,535	3,482,259	3,381,239	10,387	30,442	60,191	6,115,027	2,632,768
873,077	48,445	83,040	667,398	71,255	2,562	377	2,818,597	2,765,531	20,310	24,695	8,061	4,559,591	1,740,994
593,619	51,825	88,198	371,976	63,327	18,293		1,800,649	1,726,748	52,416	21,485		3,166,001	1,365,352
4,184,633	281,937	981,823	2,154,801	757,672	8,500		3,826,232	3,428,019	35,851	47,421	314,941	12,923,046	9,096,814
2,760,545	104,819	502,334	1,422,605	666,405	59,030	5,352	14,110,989	13,823,843	249,979	37,167		25,081,082	10,970,093
331,597	40,800	23,286	284,836	32,675			562,544	553,083	2,949	6,512		1,029,916	467,372
600,180	31,797	92,364	399,551	76,468			817,497	456,680	169,107	191,710		2,212,502	1,395,005
5,876,106	348,395	604,008	4,485,545	427,189	10,369		9,923,111	8,868,514	645,707	392,583	16,307	22,003,249	12,080,138
519,075	105,460	87,574	280,087	43,933		2,021	1,127,692	1,082,324	15,873	14,323	15,172	2,083,066	955,374
710,318	117,398	115,476	387,775	89,669			1,671,099	1,629,283	5,143	32,959	3,714	3,168,377	1,497,278
1,012,879	297,050	220,543	719,086	368,043		7,557	1,942,233	1,850,198	18,523	21,188	52,324	4,819,440	2,877,207
427,376	54,056	45,334	270,438	57,548			470,851	455,520	3,553	11,586	192	1,222,051	751,200
6,682,412	71,111	851,207	5,295,462	461,202	3,440		67,133,036	66,911,040	124,179	90,197	7,020	84,470,811	17,337,775

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.³ For numbers of establishments and of wage earners in individual industries, see table 12.⁴ and ⁵ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the St. Louis industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the area.¹ 1 establishment. ² 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939

[The independent city of St. Louis is not included in any county. This table presents, for the city of St. Louis, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Pro-prietors and firm members	*Sal-aries officers of corporations	*Sal-aries employ-ees	*Wage earners (average for year)	Salaries of officers of corporations	Salaries of employ-ees	Wages	Cost of materials, sup-plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu-facture
KANSAS CITY												
	All industries, total.....	805	470	759	3,078	24,787	(4)	(4)	(4)	(4)	(4)	(4)
ST. LOUIS												
	All industries, total.....	2,241	1,061	2,472	10,532	89,533	\$13,803,463	\$20,079,945	\$104,020,548	\$398,357,607	\$716,683,597	\$318,325,990
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	—	2	19	126	(5)	(5)	(5)	(5)	(5)	(5)
13	Asbestos products (except steam packing and pipe and boiler covering)	3	—	3	21	324	(5)	(5)	(5)	(5)	(5)	(5)
20	Beauty-shop and barber-shop equipment	4	1	7	19	63	(5)	(5)	(5)	(5)	(5)	(5)
4	Belts (apparel), regardless of material	3	1	1	6	24	7,500	6,358	15,891	88,726	146,399	57,673
1	Biscuit, crackers, and pretzels	6	1	4	59	821	10,500	113,214	625,357	1,925,375	4,845,234	2,919,859
8	Bookbinding and related industries	30	20	24	28	362	76,454	50,866	322,153	308,388	1,190,024	881,636
8	Books: printing without publishing *	14	9	12	20	141	51,183	35,290	229,207	338,022	830,043	491,421
8	Books: publishing without printing *	7	1	4	108	—	18,000	164,053	—	363,501	1,010,712	647,211
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	265	244	48	180	3,186	231,578	412,023	4,683,142	9,485,333	19,360,602	9,905,269
13	Brick and hollow structural tile	6	—	2	9	101	2,880	14,986	83,419	84,635	266,608	181,973
1	Candy and other confectionery products *	16	10	12	99	958	43,112	160,950	779,207	3,008,366	5,069,652	2,061,287
19	Cars and car equipment—railroad, street, and rapid-transit	6	—	6	206	1,666	(5)	(5)	(5)	(5)	(5)	(5)
6	Caskets, coffins, burial cases, and other morticians' goods *	17	6	23	23	295	141,847	44,108	307,658	773,092	1,976,359	1,203,267
20	Children's vehicles	3	—	6	31	254	(5)	(5)	(5)	(5)	(5)	(5)
4	Clothing, leather and sheep-lined	4	4	3	20	276	(5)	(5)	(5)	(5)	(5)	(5)
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	18	28	474	58,289	57,764	583,432	1,288,863	2,495,361	1,206,498
13	Concrete products	12	2	11	10	222	44,387	25,216	224,127	971,841	1,458,001	486,160
7	Converted paper products not elsewhere classified	3	6	—	11	224	(5)	(5)	(5)	(5)	(5)	(5)
1	Creamery butter	8	—	4	48	167	(5)	(5)	(5)	(5)	(5)	(5)
16	Electroplating, plating, and polishing *	14	12	7	10	156	24,787	16,460	176,726	111,533	497,755	386,222
8	Electrotyping and stereotyping, not done in printing establishments	6	3	4	15	99	20,600	29,424	171,104	55,504	383,929	328,336
17	Elevators, escalators, and conveyors *	6	3	12	26	112	56,682	24,071	103,050	265,622	660,904	395,282
14	Enamelled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	1	8	30	181	(5)	(5)	(5)	(5)	(5)	(5)
8	Engraving (steel, copperplate, and wood); plate printing	11	8	10	9	66	(5)	(5)	(5)	(5)	(5)	(5)
7	Envelopes	4	—	9	24	340	54,356	54,334	384,134	900,858	1,882,406	981,545
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	21	5	43	60	383	(5)	(5)	(5)	(5)	(5)	(5)
20	Feathers, plumes, and artificial flowers	3	—	6	2	31	11,737	1,473	19,751	50,238	98,763	48,525
1	Flavoring extracts and flavoring sirups, not elsewhere classified *	20	11	17	39	179	170,626	87,315	213,635	3,594,456	9,313,601	5,719,145
1	Flour and other grain-mill products	4	—	10	21	163	(5)	(5)	(5)	(5)	(5)	(5)
1	Food preparations, not elsewhere classified *	20	16	8	26	243	24,536	38,938	134,555	2,250,306	2,993,740	743,434
17	Food-products machinery	7	—	14	44	205	56,876	84,975	250,400	563,830	1,194,778	630,948
12	Footwear (except rubber)	22	—	37	436	7,683	317,093	804,901	6,726,142	9,261,524	21,169,692	11,898,168
8	General commercial (job) printing	178	116	155	354	2,433	581,759	687,202	3,177,138	5,064,000	12,709,845	7,645,845
14	Gray-iron and semisteel castings	11	—	18	80	1,025	132,144	175,506	1,205,551	1,510,876	3,882,072	2,371,196
9	Grease and tallow (except lubricating greases)	3	3	2	5	22	(5)	(5)	(5)	(5)	(5)	(5)
20	Hand stamps, stencils, and brands	5	3	3	1	43	11,580	3,400	43,774	48,177	192,307	144,130
6	Household furniture, except upholstered	9	2	11	37	262	31,767	40,546	212,065	390,953	888,755	497,802
1	Ice cream and ices *	22	10	23	26	149	85,613	40,932	180,963	1,654,067	3,288,438	1,634,371
1	Ice, manufactured *	24	1	12	25	166	40,807	48,288	227,825	313,619	1,062,262	1,648,643
12	Industrial leather belting and packing leather *	5	1	10	9	27	36,417	12,411	33,024	161,798	335,088	173,290
17	Industrial machinery, not elsewhere classified	9	2	16	22	198	112,321	45,568	227,507	499,116	1,413,717	914,601
15	Jewelry (precious metals)	11	17	8	22	95	26,866	29,843	127,642	277,609	683,410	405,801
6	Laboratory, hospital, and other professional furniture	4	—	8	16	232	52,625	30,733	271,140	407,115	1,018,152	551,037
6	Leads and related products	5	3	5	28	181	29,205	58,856	224,613	270,234	828,268	558,034
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	4	—	6	21	170	26,600	33,958	160,840	810,851	1,476,165	665,314

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939—Continued

[The independent city of St. Louis is not included in any county. This table presents, for the city of St. Louis, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees ¹	*Wage earners (average for year) ¹	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ¹
ST. LOUIS—Continued												
15	Lighting fixtures.....	7	-----	18	56	315	\$110,441	\$117,549	\$303,793	\$676,677	\$1,838,618	\$1,161,941
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) ²	31	5	63	155	695	304,041	260,160	927,400	1,656,103	4,694,135	3,028,032
8	Machine and hand typesetting (including advertisement typesetting).....	18	14	17	21	152	67,435	32,381	261,667	72,001	577,045	505,044
17	Machine-shop products, not elsewhere classified.....	26	7	44	117	1,076	(³)	(³)	(³)	(³)	(³)	(³)
17	Machine-shop repairs.....	17	15	2	4	122	6,000	5,295	179,401	164,988	523,734	358,746
1	Malt liquors.....	9	1	26	280	3,237	(³)	(³)	(³)	(³)	(³)	(³)
6	Mattresses and bedsprings.....	10	5	15	28	431	95,180	49,220	465,683	1,184,040	2,266,905	1,082,865
1	Meat packing, wholesale.....	28	15	44	521	2,605	251,204	984,594	3,911,482	51,660,087	61,116,113	9,456,026
4	Men's and boys' hats and caps (except felt and straw).....	15	19	14	20	378	39,166	28,788	287,370	586,482	1,065,783	479,301
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	6	-----	7	83	1,199	48,305	114,287	815,473	1,867,582	3,329,504	1,461,922
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	10	7	8	6	349	17,163	8,007	276,057	91,826	495,238	403,412
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	11	1	21	101	1,571	131,446	254,496	1,682,536	5,057,418	9,356,820	4,298,402
4	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	7	1	11	23	327	65,989	28,836	254,961	765,462	1,412,393	646,931
4	Millinery.....	28	17	34	60	782	95,239	92,283	733,764	1,397,419	3,005,658	1,608,239
13	Mirrors and other glass products made of purchased glass.....	13	9	13	17	128	33,614	24,419	162,851	404,254	834,904	370,650
20	Miscellaneous fabricated products not elsewhere classified.....	8	3	10	13	143	42,948	16,680	106,228	345,123	687,601	342,478
20	Models and patterns (except paper patterns) ²	20	8	23	14	206	83,632	25,631	315,302	90,044	740,836	650,792
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	13	6	14	10	81	29,051	14,359	78,241	112,365	372,547	260,182
8	Newspapers: publishing and printing.....	7	-----	15	512	1,179	345,836	1,297,578	2,669,688	3,539,065	13,689,445	10,150,380 ⁴
8	Newspapers: publishing without printing.....	6	5	2	28	-----	19,806	27,737	-----	175,073	300,984	125,911
1	Nonalcoholic beverages.....	30	8	42	64	250	213,468	108,730	311,653	2,333,502	6,083,749	3,700,247
15	Nonferrous-metal products not elsewhere classified.....	4	3	5	4	66	(³)	(³)	(³)	(³)	(³)	(³)
9	Paints, varnishes, and lacquers.....	28	9	49	108	437	(³)	(³)	(³)	(³)	(³)	(³)
7	Paper bags, except those made in paper mills.....	4	-----	6	11	189	(³)	(³)	(³)	(³)	(³)	(³)
6	Partitions, shelving, cabinet work, and office and store fixtures ²	17	4	36	143	1,068	264,974	257,785	1,280,345	2,084,144	4,741,771	2,657,627
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	3	-----	4	17	56	(³)	(³)	(³)	(³)	(³)	(³)
9	Perfumes, cosmetics, and other toilet preparations.....	10	6	20	33	373	86,590	42,393	238,683	1,125,239	2,198,701	1,073,462 ⁵
8	Periodicals: publishing and printing.....	12	1	11	130	319	(³)	(³)	(³)	(³)	(³)	(³)
8	Periodicals: publishing without printing.....	39	4	40	176	8	199,370	286,798	10,486	1,228,128	2,773,799	1,545,671
8	Photoengraving, not done in printing establishments (including preparation of plates) ²	16	2	32	44	199	120,552	45,350	464,083	132,467	1,064,130	931,049
20	Photographic apparatus and materials and projection equipment (except lenses).....	3	-----	4	16	67	(³)	(³)	(³)	(³)	(³)	(³)
1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	9	8	12	5	136	41,942	7,414	110,599	460,546	776,429	315,883 ⁶
5	Planing mills not operated in conjunction with sawmills.....	26	4	48	44	681	150,104	69,993	750,196	1,477,196	3,062,142	1,584,946
1	Poultry dressing and packing, wholesale ²	14	13	2	12	176	7,440	17,859	85,474	1,046,930	2,126,080	479,150
1	Prepared feeds (including mineral) for animals and fowls ²	7	1	8	10	207	23,040	31,541	281,049	4,737,469	8,405,284	3,667,815
9	Printing ink.....	6	1	8	6	46	50,613	14,507	56,098	339,778	733,089	393,311
17	Printing-trades machinery and equipment.....	6	1	7	4	30	13,228	5,436	38,458	41,989	171,282	129,293
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	11	4	11	82	557	76,652	161,793	673,721	2,662,218	4,657,074	1,994,856
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	13	13	4	3	41	8,600	4,485	52,069	667,525	879,535	212,010
15	Sheet-metal work not specifically classified.....	24	5	38	54	413	(³)	(³)	(³)	(³)	(³)	(³)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees ¹	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
ST. LOUIS—Continued												
20	Signs, advertising displays, and advertising novelties	33	16	38	61	486	\$161,675	\$111,675	\$550,285	\$1,095,030	\$2,626,952	\$1,531,922
9	Soap and glycerin	7	2	12	99	294	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
17	Special-industry machinery, not elsewhere classified	6	2	13	57	310	97,518	110,423	368,490	515,910	1,751,097	1,235,187
20	Sporting and athletic goods not elsewhere classified	8	4	11	33	392	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	10	2	25	168	1,274	238,328	266,504	1,552,936	3,556,377	9,620,354	6,063,977
12	Suitcases, brief cases, bags, trunks, and other luggage	11	6	7	15	385	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Textile bags—not made in textile mills	7	3	4	57	857	18,600	116,940	765,249	7,479,194	9,202,942	1,723,748
14	Tools (except edge tools, machine tools, files, and saws)	4	1	9	18	140	72,230	32,566	136,019	497,319	870,655	373,336
4	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories	3	2	3	3	24	3,120	3,591	14,494	13,699	57,525	43,826
6	Upholstered household furniture	10	2	9	28	309	34,920	29,468	364,211	857,240	1,533,375	676,129
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	2	4	2	22	7,096	3,459	20,524	86,308	148,294	61,986
6	Window and door screens and weather strip	8	5	4	2	38	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Wirework not elsewhere classified	12	7	15	68	636	133,067	124,032	815,820	2,754,413	5,838,094	3,083,081
4	Women's and misses' dresses (except house dresses)—made in contract factories	11	17		12	481		16,852	381,569	95,097	614,856	519,759
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	5	1	2	31	473	24,800	53,323	269,895	997,616	1,473,795	476,179
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	2	8	17	455	91,168	38,836	388,672	1,742,644	2,830,546	1,087,902
	Other industries *	903	316	1,205	5,928	49,175	7,334,168	11,350,755	58,651,837	243,111,086	431,754,320	188,648,234
OTHER INDUSTRIES, BY INDUSTRY GROUPS *												
1	Food and kindred products	53	10	73	422	4,413	675,630	784,502	7,618,480	31,573,848	60,506,679	28,932,831
3	Textile-mill products and other fiber manufactures	20	4	32	145	1,688	266,370	279,864	1,426,595	3,914,228	8,227,999	4,313,771
4	Apparel and other finished products made from fabrics and similar materials	142	93	126	335	5,068	690,780	486,391	4,266,192	11,602,743	20,473,604	8,870,861
5	Lumber and timber basic products	3		8	13	306	38,602	15,523	307,867	220,908	706,183	485,215
6	Furniture and finished lumber products	37	31	32	86	893	108,148	131,449	819,730	2,515,379	4,277,427	1,762,048
7	Paper and allied products	50	12	78	251	2,985	530,815	455,508	3,001,134	10,783,798	18,828,799	8,045,001
8	Printing, publishing, and allied industries	25	10	21	141	397	64,166	211,103	586,739	550,336	2,000,500	1,450,173
9	Chemicals and allied products	148	40	190	879	3,596	1,146,076	1,921,078	4,584,248	26,968,167	61,669,702	34,701,625
13	Stone, clay, and glass products	23	8	31	145	1,345	99,989	260,146	1,430,467	1,960,770	5,338,300	3,377,590
14	Iron and steel and their products, except machinery	95	27	171	648	6,069	1,072,230	1,249,444	7,119,020	13,757,726	29,575,841	15,818,115
15	Nonferrous metals and their products	44	14	68	188	1,478	384,686	415,960	1,825,559	10,318,643	16,241,757	5,923,114
16	Electrical machinery	39	4	91	712	4,777	777,638	1,234,035	5,305,038	13,785,993	33,110,591	19,324,508
17	Machinery (except electrical)	69	19	106	454	2,912	607,773	823,148	3,963,587	7,484,680	19,028,532	12,143,852
20	Miscellaneous industries	61	19	80	192	1,478	370,080	292,788	1,503,085	2,764,252	6,955,585	4,191,333
2	Tobacco manufactures	12	6	15	126	1,536						
10	Products of petroleum and coal	6		8	36	296						
11	Rubber products	10	2	15	27	335						
12	Leather and leather products	42	14	31	240	3,898	501,185	2,789,726	14,894,106	104,909,555	144,212,752	39,303,197
18	Automobiles and automobile equipment	15	3	19	563	3,869						
19	Transportation equipment except automobiles	9		10	325	1,836						

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the total shown for "All industries."

¹ Figures do not include data for personnel of central-administrative offices.

² Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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

⁴ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

⁵ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

⁶ For numbers of establishments and of wage earners in individual industries, see table 12.

⁷ and ⁸ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside St. Louis have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.

¹ 1 establishment. ² 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	4,796	1,458	18	29	408	162	221	80	849	289	23	16	137	182	238	130	61	240	31	20	204
Adair.....	16	9				1			5				1								
Andrew.....	1								1												
Atchison.....	6	3							3												
Audrain.....	23	7			2				6				1	6	1						
Barry.....	18	12	1				2		3												
Barton.....	9	5							1		1				1						1
Bates.....	8	4							4												
Beuton.....	4					1	1		2												
Bollinger.....	3	3																			
Boone.....	29	14				1			10				1	1			1	1			
Buchanan.....	114	46		1	8	3	4	5	15	8			2	6	4	2	1	5	1	2	1
Butler.....	19	6				4	5		2				1					1			
Caldwell.....	3	1							2												
Callaway.....	9	3				1			2				1	1				1			
Camden.....	3	2							1												
Cape Girardeau.....	40	18	1			5	2		6		1		2	2			1	1			1
Carroll.....	4	2							2												
Carter.....	6					5	1														
Cass.....	13	4			1				3					1	2			2			
Cedar.....	4	3							1												
Chariton.....	8	5							3												
Christian.....	5	4							1												
Clark.....	3	1							2												
Clay.....	63	13			2	1	4	6	6	13	1	3		2	6	2	2	2		1	
Clinton.....	8	2			1				3												1
Cole.....	26	12			1		1		6				3	1				1			1
Cooper.....	10	6							1									1			1
Crawford.....	7	3			1	1				1					1						
Dade.....	2	1							1												
Dallas.....	3	2							1												
Davless.....	3	2							1												
De Kalb.....	2	1							1												
Dent.....	14	6			1	5			2												
Douglas.....	3	1				1			1												
Dunklin.....	14	8			2	2			2												
Franklin.....	42	17		1	1	1	1		5				8	1	1			2	1		3
Gasconade.....	14	6							3				3	1							1
Gentry.....	9	6							4												
Greene.....	115	56			4	5	9	1	14	1	1		1	6	5		1	6	2		3
Grundy.....	12	9							3												
Harrison.....	7	3							3						1						
Henry.....	15	7					1		4				1	1							1
Hickory.....	1	1																			
Holt.....	5	3							2												
Howard.....	8	4				1			2					1							
Howell.....	16	9			1				4	2			1	2							
Iron.....	8	1				2	2						1	2							
Jackson.....	861	191	1	2	76	11	52	14	176	69	9	1	8	24	52	40	13	60	10	3	49
Jasper.....	120	44	3		4	5	7		14	5	2		4	6	8	2		13	1		2
Jefferson.....	22	9			2				6				2	2		1					
Johnson.....	15	9			3				2									1			
Knox.....	2	2							1					1							
Laclede.....	16	8			1	4			2					1				1			
Lafayette.....	24	13		1	1				5				1	1				1			1
Lawrence.....	20	11				1	1		3				1	1	1			1			1
Lewis.....	9	3							1					1	1						2
Lincoln.....	11	6		1	1				2					1				1			
Linn.....	12	7							4					1							
Livingston.....	16	9			1	1			1					2	1			1			
Macon.....	7	5							2												
Madison.....	8	3				2			2					1							
Maries.....	2								1					1							
Marion.....	30	12				2			6	1		2	2	2	3						
McDonald.....	6	5							1												
Mercer.....	1								1												
Miller.....	8	5			1				2												
Mississippi.....	13	6				3	1		2					1							
Moniteau.....	7	2		1	2				1					1							
Monroe.....	9	5							3									1			
Montgomery.....	6	3							1					2							
Morgan.....	5	3					1		1												
New Madrid.....	13	3				6	1		2	1											
Newton.....	19	10			1		1		4					2							
Nodaway.....	14	7							3					1				1			
Oregon.....	3	2							1												
Osage.....	6	5												1							
Ozark.....	1					1															
Pemiscot.....	12	3				3			2					1				2			
Perry.....	12	8				1				1											
Pettis.....	24	15			1		1		6	1											1
Phelps.....	7	2				1			3					1							
Pike.....	12	3			3		2		3												1
Platte.....	7	4							2												1
Polk.....	7	5							2												
Pulaski.....	3	2													1						

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Putnam	1								1												
Ralls	3	1							1					1							
Randolph	19	13		1					1				1		1			1			
Ray	8	5			1				2												
Reynolds	3	1				2															
Ripley	2	1							1												
St. Charles	20	11			1	1			2				1		2			1		1	
St. Clair	3	3																			
St. Francois	27	12			3	3			6				1	1							
St. Louis	161	43			11	9	1		10	9	2		2	28	9	4	3	12	1	3	5
St. Louis city	2,241	516	12	20	273	29	107	54	371	173	6	10	72	71	132	75	30	130	15	9	127
Ste. Genevieve	11	3			1	1			2					3	1						
Saline	21	12			1				4				2			1				1	
Schuyler	2	1							1												
Scotland	3	2							1												
Scott	22	9			3	2			3	2			2					1			
Shannon	15	1				14															
Shelby	6	3							3												
Stoddard	12	7			1		2		2												
Stone	18	17							1												
Sullivan	7	6							1												
Taney	2	1				1															
Texas	10	4				4			2												
Vernon	14	8							3	1				1			1				
Warren	7	2		1	1	1			1							1					
Washington	13	4				5	1		1	1			1								
Wayne	8	2				2	2		2												
Webster	11	6				4			1												
Worth	1								1												
Wright	10	6				2			2												

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
STATE OF MISSOURI				STATE OF MISSOURI—Continued			
1	Baking powder, yeast, and other leavening compounds	1		4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Blended and prepared flour made from purchased flour	2			Work gloves and mittens: cloth, cloth and leather combined	4	834
	Cereal preparations	5	629		Work shirts	2	
	Chewing gum	1					
	Condensed and evaporated milk	8	184	5	Plywood mills	2	
	Cooking and other edible fats and oils, not elsewhere classified	1					
	Corn sirup, corn sugar, corn oil, and starch	3	492	6	Baskets for fruits and vegetables	2	
	Cured fish	1			Cigar boxes: wooden, part wooden	1	
	Liquors, distilled	2			Excelsior	1	
	Malt	1			Matches	2	
	Oleomargarine—not made in meat-packing establishments	1			Mirror frames and picture frames	2	
	Rice cleaning and polishing	1			Public-building furniture	1	
	Sausage casings—not made in meat-packing establishments	1		7	Die-cut paper and paperboard, and converted cardboard	3	78
	Special dairy products	2			Fiber cans, tubes, and similar products	4	285
	Vinegar and cider	6	34		Paper and paperboard mills	2	
	Wines	2			Paper bags, except those made in paper mills	4	189
2	Tobacco (chewing and smoking) and snuff	7	1,508		Pulp mills	1	
	Batting, padding, and wadding; upholstery filling	2		8	Books: publishing and printing	3	
	Cloth sponging and miscellaneous special finishing	3	60		Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Cordage and twine	1			Greeting cards (except hand-painted)	1	
	Cotton broad woven goods	1		9	Candles	11	1,213
	Cotton narrow fabrics	1			Chemicals not elsewhere classified	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1			Coal-tar products, crude and intermediate	1	
	Hosiery—full-fashioned	1			Colors and pigments	6	802
	Hosiery—seamless	1			Cottonseed oil, cake, meal, and linters	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1			Fireworks	1	
	Knitted underwear	2			Grease and tallow (except lubricating greases)	6	35
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2			Hardwood distillation and charcoal manufacture	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2			Linsed oil, cake, and meal	1	
4	Clothing, leather and sheep-lined	4	276		Mucilage, paste, and other adhesives, except glue and rubber cement	4	13
	Coats, suits, and skirts (except fur coats)—made in contract factories	1			Soap and glycerin	10	302
	Corsets and allied garments	1			Soybean oil, cake, and meal	1	
	Curtains, draperies, and bedspreads—contract factories	1			Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1			Writing ink	1	
	Embroideries, other than Schiffl-machine products—made in regular factories or by jobbers engaging contractors	1		10	Fuel briquets	1	
	Embroideries: Schiffl-machine products	2			Oven coke and coke-oven byproducts	1	
	House dresses, uniforms, and aprons—made in contract factories	2			Petroleum refining	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1		11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
					Tires and inner tubes	1	
				12	Women's pocketbooks, handbags, and purses	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
STATE OF MISSOURI—Continued				ST. LOUIS INDUSTRIAL AREA—Continued			
13	Abrasive wheels, stones, paper, cloth, and related products.....	1	.....	1	Cereal preparations.....	2	.....
	Asbestos products (except steam packing and pipe and boiler covering).....	6	549		Cheese.....	2	.....
	Flat glass.....	2	.....		Condensed and evaporated milk.....	3	19
	Mineral wool.....	4	133		Cooking and other edible fats and oils, not elsewhere classified.....	1	.....
	Pottery products not elsewhere classified.....	2	.....		Corn sirup, corn sugar, corn oil, and starch.....	2	.....
	Sand-lime brick, block and tile.....	1	.....		Cured fish.....	1	.....
	Steam and other packing; pipe and boiler covering.....	2	.....		Liquors, rectified or blended.....	2	.....
	Terra cotta.....	1	.....		Macaroni, spaghetti, vermicelli, and noodles.....	8	213
14	Automobile stampings.....	1	.....		Malt.....	1	.....
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	.....		Preserves, jams, jellies, and fruit butters.....	3	101
	Cast-iron pipe and fittings.....	1	.....		Rice cleaning and polishing.....	1	.....
	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	1	.....		Salad dressings.....	3	31
	Hardware not elsewhere classified.....	5	404		Sausage casings—not made in meat-packing establishments.....	1	.....
	Heating and cooking apparatus, except electric, not elsewhere classified.....	1	.....		Wines.....	2	.....
	Malleable-iron castings.....	1	.....	2	Tobacco (chewing and smoking) and snuff.....	7	1,468
	Oil burners, domestic and industrial.....	3	16	3	Batting, padding, and wadding; upholstery filling.....	3	263
	Saws.....	1	.....		Cloth sponging and miscellaneous special finishing.....	2	.....
	Steel barrels, kegs, and drums.....	5	320		Cordage and twine.....	1	.....
	Steel works and rolling mills.....	3	3,093		Cotton broad woven goods.....	1	.....
	Wire drawn from purchased rods.....	1	.....		Cotton narrow fabrics.....	1	.....
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	6	158		Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1	.....
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	5	246		Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	10	679
	Primary smelting and refining of nonferrous metals.....	1	.....		Hats, straw.....	1	.....
	Secondary smelting and refining, gold, silver, and platinum.....	2	.....		Hosiery—full-fashioned.....	1	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	2	.....		Hosiery—seamless.....	1	.....
	Tin and other foils (except gold and silver foil).....	1	.....		Knitted underwear.....	2	.....
16	Automotive electrical equipment.....	3	95		Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	.....
	Batteries, storage and primary (dry and wet).....	6	127	4	Clothing, leather and sheep-lined.....	4	276
	Communication equipment.....	2	.....		Coats, suits, and skirts (except fur coats)—made in contract factories.....	1	.....
	Electric lamps.....	2	.....		Curtains, draperies, and bedspreads—contract factories.....	1	.....
	Radios, radio tubes, and phonographs.....	2	.....		Dress and semidress gloves and mittens: cloth, cloth and leather combined.....	1	.....
17	Agricultural machinery (except tractors).....	8	118		Embroideries, other than Schiffli-machine products—contract factories.....	6	116
	Blowers; exhaust and ventilating fans.....	1	.....		Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors.....	2	.....
	Cars and trucks, industrial.....	1	.....		Embroideries: Schiffli-machine products.....	1	.....
	Construction and similar machinery (except mining and oil-field machinery and tools).....	2	.....		Fur coats and other fur garments, accessories, and trimmings.....	5	.....
	Laundry equipment, domestic.....	1	.....		House dresses, uniforms, and aprons—made in contract factories.....	2	.....
	Machine tools.....	2	.....		Miscellaneous fabricated textile products not elsewhere classified.....	4	59
	Measuring and dispensing pumps.....	1	.....		Robes, lounging garments, and dressing gowns.....	3	191
	Mechanical power-transmission equipment.....	4	219		Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	5	124
	Metalworking machinery and equipment, not elsewhere classified.....	6	116		Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	142
	Oil-field machinery and tools.....	3	84	5	Plywood mills.....	2	.....
	Paper-mill, pulp-mill, and paper-products machinery.....	1	.....	6	Baskets for fruits and vegetables.....	1	.....
	Scales and balances.....	1	.....		Cigar boxes: wooden, part wooden.....	1	.....
	Sewing machines, domestic and industrial.....	1	.....		Household furniture, except upholstered.....	10	.....
	Vending, amusement, and other coin-operated machines.....	4	96		Matches.....	2	.....
	Woodworking machinery.....	1	.....		Office furniture.....	2	.....
18	Automobile trailers (for attachment to passenger cars).....	1	.....		Public-building furniture.....	1	.....
	Motor vehicles, motor-vehicle bodies, parts and accessories.....	30	.....		Window shades.....	1	.....
19	Aircraft and parts, including aircraft engines.....	5	440	7	Coated and glazed paper.....	3	332
	Boat building and boat repairing.....	2	.....		Converted paper products not elsewhere classified.....	3	224
	Shipbuilding and ship repairing.....	2	.....		Die-cut paper and paperboard, and converted cardboard.....	1	.....
20	Beauty-shop and barber-shop equipment.....	4	63		Fiber cans, tubes, and similar products.....	3	.....
	Buttons.....	2	.....		Paper and paperboard mills.....	4	696
	Children's vehicles.....	3	254		Paper bags, except those made in paper mills.....	4	189
	Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1	.....	8	Books: publishing and printing.....	2	.....
	Dental equipment and supplies.....	2	.....		Engraving (steel, copperplate, and wood); plate printing.....	11	.....
	Fabricated plastic products, not elsewhere classified.....	2	.....	9	Ammunition.....	1	.....
	Fire extinguishers, chemical.....	1	.....		Bluing.....	1	.....
	Furs, dressed and dyed.....	2	.....		Candles.....	1	.....
	Jewelry cases and instrument cases.....	1	.....		Coal-tar products, crude and intermediate.....	3	698
	Musical instruments, parts, and materials not elsewhere classified.....	1	.....		Colors and pigments.....	5	855
	Needles, pins, hooks and eyes, and slide and snap fasteners.....	1	.....		Fireworks.....	2	.....
	Ophthalmic goods: lenses and fittings.....	1	.....		Grease and tallow (except lubricating greases).....	6	52
	Optical instruments and lenses.....	1	.....		Hardwood distillation and charcoal manufacture.....	1	.....
	Organs.....	2	.....		Lubricating oils and greases—not made in petroleum refineries.....	5	22
	Pencils (except mechanical) and crayons.....	1	.....		Mucilage, paste, and other adhesives, except glue and rubber cement.....	3	.....
	Pens, mechanical pencils, and pen points.....	2	.....		Perfumes, cosmetics, and other toilet preparations.....	21	.....
	Soda fountains, beer dispensing equipment, and related products.....	2	.....		Soap and glycerin.....	7	294
	Surgical and medical instruments.....	1	.....		Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	.....
	Umbrellas, parasols, and canes.....	1	.....		Writing ink.....	1	.....
ST. LOUIS INDUSTRIAL AREA							
1	Baking powder, yeast, and other leavening compounds.....	1	.....			
	Blended and prepared flour made from purchased flour.....	2	.....			
	Canned and dried fruits and vegetables (including canned soups).....	1	.....			

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
ST. LOUIS INDUSTRIAL AREA—Continued				ST. LOUIS INDUSTRIAL AREA—Continued			
10	Oven coke and coke-oven byproducts.....	2		17	Mechanical power-transmission equipment.....	3	
	Petroleum refining.....	4			Metalworking machinery and equipment, not elsewhere classified.....	4	112
11	Reclaimed rubber.....	1			Mining machinery and equipment.....	2	
	Rubber products not elsewhere classified.....	9			Oil-field machinery and tools.....	3	84
	Tires and inner tubes.....	1			Paper-mill, pulp-mill, and paper-products machinery.....	1	
12	Leather goods not elsewhere classified.....	1			Pumping equipment and air compressors.....	5	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	7	1,042		Sewing machines, domestic and industrial.....	1	
	Small leather goods.....	3		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	17	3,901
	Suitcases, brief cases, bags, trunks, and other luggage.....	11	385				
	Women's pocketbooks, handbags, and purses.....	1		19	Aircraft and parts, including aircraft engines.....	3	362
13	Abrasive wheels, stones, paper, cloth, and related products.....	1			Boat building and boat repairing.....	1	
	Asbestos products (except steam packing and pipe and boiler covering).....	6	549		Shipbuilding and ship repairing.....	2	
	Cement.....	2		20	Beauty-shop and barber-shop equipment.....	4	63
	Flat glass.....	1			Brushes.....	4	36
	Glass containers.....	2			Children's vehicles.....	3	254
	Mineral wool.....	2			Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1	
	Pottery products not elsewhere classified.....	2			Dental equipment and supplies.....	2	
	Roofing tile.....	1			Fabricated plastic products, not elsewhere classified.....	1	
	Sand-lime brick, block and tile.....	1			Fire extinguishers, chemical.....	1	
	Sewer pipe and kindred products.....	2			Furs, dressed and dyed.....	2	
	Statuary and art goods (except stone and concrete)—factory production.....	6	42		Jewelry cases and instrument cases.....	1	
	Steam and other packing; pipe and boiler covering.....	1			Musical instruments, parts, and materials not elsewhere classified.....	1	
	Terra cotta.....	1			Needles, pins, hooks and eyes, and slide and snap fasteners.....	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2			Organs.....	3	123
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	16	662		Pencils (except mechanical) and crayons.....	1	
	Doors, window sash, frames, molding, and trim (made of metal).....	4	247		Pens, mechanical pencils, and pen points.....	2	
	Enameling, japanning, and lacquering.....	3	134		Professional and scientific instruments (except surgical and dental).....	6	86
	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	2			Soda fountains, beer dispensing equipment, and related products.....	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	3	14		Sporting and athletic goods not elsewhere classified.....	8	392
	Hardware not elsewhere classified.....	3	459		Surgical and medical instruments.....	1	
	Malleable-iron castings.....	1			Umbrellas, parasols, and canes.....	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	1		KANSAS CITY INDUSTRIAL AREA			
	Oil burners, domestic and industrial.....	2		1	Biscuit, crackers, and pretzels.....	6	513
	Saws.....	1			Candy and other confectionery products.....	8	407
	Screw-machine products and wood screws.....	4	138		Canned and dried fruits and vegetables (including canned soups).....	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	3	134		Cereal preparations.....	1	
	Steam and hot-water heating apparatus (including hot-water furnaces).....	1			Cheese.....	3	28
	Vitreous enameled products, including kitchen, household, and hospital utensils.....	2			Chewing gum.....	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	2			Condensed and evaporated milk.....	2	
	Clocks, watches, and materials and parts (except watchcases).....	1			Corn sirup, corn sugar, corn oil, and starch.....	2	
	Nonferrous-metal foundries (except aluminum).....	9	423		Liquors, rectified or blended.....	2	
	Nonferrous-metal products not elsewhere classified.....	4	66		Macaroni, spaghetti, vermicelli, and noodles.....	1	
	Primary smelting and refining of nonferrous metals.....	2			Malt liquors.....	2	
	Secondary smelting and refining, gold, silver, and platinum.....	1			Oleomargarine—not made in meat-packing establishments.....	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	3	369		Preserves, jams, jellies, and fruit butters.....	2	
	Tin and other foils (except gold and silver foil).....	1			Salad dressings.....	2	
16	Automotive electrical equipment.....	1			Special dairy products.....	1	
	Batteries, storage and primary (dry and wet).....	1			Vinegar and cider.....	1	
	Communication equipment.....	2		2	Cigars.....	1	
	Electrical appliances.....	5		3	Cloth sponging and miscellaneous special finishing.....	1	
	Electrical products not elsewhere classified.....	3	25		Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	
	Electric lamps.....	2		4	Canvas products (except bags).....	5	61
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	20	5,915		Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	2	
	Insulated wire and cable.....	2			Embroideries, other than Schiffli-machine products—contract factories.....	2	
	Radio, radio tubes, and phonographs.....	1			Embroideries: Schiffli-machine products.....	1	
	Wiring devices and supplies.....	3	141		Fur coats and other fur garments, accessories and trimmings.....	1	
17	Agricultural machinery (except tractors).....	2			House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	241
	Blowers; exhaust and ventilating fans.....	1			Housefurnishings (except curtains, draperies, and bedspreads).....	5	128
	Cars and trucks, industrial.....	1			Men's and boys' hats and caps (except felt and straw).....	6	89
	Commercial laundry, dry-cleaning, and pressing machinery.....	2			Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1	
	Construction and similar machinery (except mining and oil-field machinery and tools).....	2			Men's and boys' underwear made in inside factories or by jobbers engaging contractors.....	1	
	Elevators, escalators, and conveyors.....	5			Men's neckwear—made in inside factories or by jobbers engaging contractors.....	4	215
	Internal-combustion engines.....	2			Millinery.....	3	55
	Laundry equipment, domestic.....	1			Miscellaneous fabricated textile products not elsewhere classified.....	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	10	156		Robes, lounging garments, and dressing gowns.....	2	
	Measuring and dispensing pumps.....	1			Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
KANSAS CITY INDUSTRIAL AREA—Continued				KANSAS CITY INDUSTRIAL AREA—Continued			
4	Trousers (semidress), wash suits, and washable service apparel.....	3	76	15	Secondary smelting and refining, gold, silver, and platinum.....	1	-----
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Work gloves and mittens: cloth, cloth and leather combined.....	1	-----	16	Automotive electrical equipment.....	1	-----
6	Baskets for fruits and vegetables.....	1	-----		Batteries, storage and primary (dry and wet).....	2	-----
	Excelsior.....	1	-----		Electrical products, not elsewhere classified.....	2	-----
	Laboratory, hospital, and other professional furniture.....	2	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	6	56
	Mirror frames and picture frames.....	2	-----		Insulated wire and cable.....	2	-----
	Office furniture.....	1	-----		Radios, radio tubes, and phonographs.....	2	-----
	Partitions, shelving, cabinet work, and office and store fixtures.....	11	120		Wiring devices and supplies.....	1	-----
	Upholstered household furniture.....	8	184	17	Agricultural machinery (except tractors).....	2	-----
	Venetian blinds.....	2	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	2	-----
	Window and door screens and weather strip.....	2	-----		Elevators, escalators, and conveyors.....	1	-----
	Window shades.....	4	16		Food-products machinery.....	4	32
	Wooden boxes, except cigar boxes.....	3	139		Industrial machinery, not elsewhere classified.....	2	-----
	Wood preserving.....	3	98		Internal-combustion engines.....	3	-----
7	Coated and glazed paper.....	1	-----		Office and store machines, not elsewhere classified.....	2	-----
	Die-cut paper and paperboard, and converted cardboard.....	3	132		Paper-mill, pulp-mill, and paper-products machinery.....	1	-----
	Fiber cans, tubes, and similar products.....	1	-----		Pumping equipment and air compressors.....	1	-----
	Paper and paperboard mills.....	1	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	159
8	Engraving (steel, copperplate, and wood); plate printing.....	3	45		Stokers, mechanical, domestic and industrial.....	1	-----
	Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	1	-----		Vending, amusement, and other coin-operated machines.....	4	96
	Greeting cards (except hand-painted).....	1	-----	18	Automobile trailers (for attachment to passenger cars).....	1	-----
	Newspapers: publishing and printing.....	16	934		Motor vehicles, motor-vehicle bodies, parts and accessories.....	12	-----
9	Chemicals not elsewhere classified.....	4	30	19	Aircraft and parts, including aircraft engines.....	2	-----
	Cleaning and polishing preparations, blackings, and dressings.....	8	51		Boat building and boat repairing.....	1	-----
	Grease and tallow (except lubricating greases).....	1	-----	20	Brushes.....	1	-----
	Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	-----		Fabricated plastic products, not elsewhere classified.....	2	-----
	Perfumes, cosmetics, and other toilet preparations.....	11	80		Games and toys (except dolls and children's vehicles).....	3	26
	Soap and glycerin.....	4	839		Miscellaneous fabricated products, not elsewhere classified.....	2	-----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	-----		Models and patterns (except paper patterns).....	3	17
10	Fuel briquets.....	1	-----		Ophthalmic goods: lenses and fittings.....	1	-----
11	Rubber products not elsewhere classified.....	4	173		Optical instruments and lenses.....	1	-----
12	Industrial leather belting and packing leather.....	1	-----		Photographic apparatus and materials and projection equipment (except lenses).....	2	-----
	Leather goods not elsewhere classified.....	2	-----		Professional and scientific instruments (except surgical and dental).....	1	-----
	Saddlery, harness, and whips.....	1	-----		Soda fountains, beer dispensing equipment, and related products.....	1	-----
	Suitcases, brief cases, bags, trunks, and other luggage.....	4	264		Sporting and athletic goods not elsewhere classified.....	3	48
13	Brick and hollow structural tile.....	1	-----		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	9	43
	Cement.....	2	-----	CITY OF ST. LOUIS			
	Mineral wool.....	2	-----	1	Baking powder, yeast, and other leavening compounds.....	1	-----
	Mirrors and other glass products made of purchased glass.....	3	21		Blended and prepared flour made from purchased flour.....	2	-----
	Statuary and art goods (except stone and concrete)—factory production.....	2	-----		Cereal preparations.....	2	-----
	Steam and other packing; pipe and boiler covering.....	1	-----		Cheese.....	1	-----
14	Automobile stampings.....	1	-----		Condensed and evaporated milk.....	1	-----
	Cast-iron pipe and fittings.....	1	-----		Cooking and other edible fats and oils, not elsewhere classified.....	1	-----
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	-----		Corn sirup, corn sugar, corn oil, and starch.....	1	-----
	Doors, window sash, frames, molding, and trim (made of metal).....	1	-----		Creamery butter.....	8	167
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	3	51		Cured fish.....	1	-----
	Enameling, japanning, and lacquering.....	2	-----		Flour and other grain-mill products.....	4	163
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----		Liquors, rectified or blended.....	2	-----
	Hardware not elsewhere classified.....	1	-----		Macaroni, spaghetti, vermicelli, and noodles.....	8	-----
	Heating and cooking apparatus, except electric, not elsewhere classified.....	1	-----		Malt.....	1	-----
	Oil burners, domestic and industrial.....	1	-----		Malt liquors.....	9	3,237
	Screw-machine products and wood screws.....	2	-----		Preserves, jams, jellies, and fruit butters.....	3	-----
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	4	14		Rice cleaning and polishing.....	1	-----
	Stamped and pressed metal products (except automobile stampings).....	4	78		Salad dressings.....	3	-----
	Steel barrels, kegs, and drums.....	1	-----		Sausage casings—not made in meat-packing establishments.....	1	-----
	Steel works and rolling mills.....	1	-----		Vinegar and cider.....	2	-----
	Tin cans and other tinware not elsewhere classified.....	3	362		Wines.....	1	-----
	Tools (except edge tools, machine tools, files, and saws).....	2	-----	2	Cigars.....	6	-----
	Wire drawn from purchased rods.....	1	-----		Tobacco (chewing and smoking) and snuff.....	6	-----
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	2	-----	3	Batting, padding, and wadding; upholstery filling.....	2	-----
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	3	-----		Cloth sponging and miscellaneous special finishing.....	2	-----
	Jewelry (precious metals).....	4	60		Cordage and twine.....	1	-----
	Nonferrous-metal foundries (except aluminum).....	4	51		Cotton broad woven goods.....	1	-----
	Nonferrous-metal products not elsewhere classified.....	5	107		Cotton narrow fabrics.....	1	-----
					Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1	-----
					Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	9	-----
					Hosiery—full-fashioned.....	1	-----
					Knitted underwear.....	1	-----
					Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	-----

See footnote at end of table.

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TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.1	TITLE	Number of establishments	Wage earners	Group No.1	TITLE	Number of establishments	Wage earners
CITY OF ST. LOUIS—Continued				CITY OF ST. LOUIS—Continued			
4	Canvas products (except bags)	6		11	Rubber products not elsewhere classified	9	
	Clothing, leather and sheep-lined	4	276		Tires and inner tubes	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1		12	Boot and shoe cut stock and findings	24	
	Curtains, draperies, and bedspreads—contract factories	1			Leather goods not elsewhere classified	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	14			Saddlery, harness, and whips	2	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1			Small leather goods	3	
	Embroideries, other than Schmitt-machine products—contract factories	6			Suitcases, briefcases, bags, trunks, and other luggage	11	385
	Embroideries, other than Schmitt-machine products—made in regular factories or by jobbers engaging contractors	2		13	Women's pocketbooks, handbags, and purses	1	
	Embroideries: Schmitt-machine products	1			Abrasive wheels, stones, paper, cloth, and related products	1	
	Fur coats and other fur garments, accessories, and trimmings	5			Asbestos products (except steam packing and pipe and boiler covering)	3	324
	House dresses, uniforms, and aprons—made in contract factories	2			Clay refractories, including refractory cement (clay)	4	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7			Flat glass	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	13			Minerals and earths, ground or otherwise treated	2	
	Miscellaneous fabricated textile products not elsewhere classified	4			Mineral wool	1	
	Robes, lounging garments, and dressing gowns	3			Pottery products not elsewhere classified	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5			Sewer pipe and kindred products	2	
	Trousers (semidresses), wash suits, and washable service apparel	14			Statuary and art goods (except stone and concrete)—factory production	6	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3			Steam and other packing; pipe and boiler covering	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	50			Terra cotta	1	
5	Planing mills not operated in conjunction with sawmills	2		14	Belts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1			Cutlery (except aluminum, silver, and plated cutlery) and edge tools	15	
6	Baskets for fruits and vegetables	1			Doors, window sash, frames, molding, and trim (made of metal)	4	
	Cigar boxes: wooden, part wooden	1			Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	181
	Cooperage	4			Enameling, japanning, and lacquering	1	
	Matches	1			Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	21	363
	Office furniture	2			Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Public-building furniture	1			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	
	Venetian blinds	8			Hardware not elsewhere classified	3	
	Window and door screens and weather strip	8	38		Malleable iron castings	1	
	Window shades	1			Oil burners, domestic and industrial	2	
	Wooden boxes except cigar boxes	5			Power boilers and associated products	5	
	Wood products not elsewhere classified	5			Saws	1	
7	Coated and glazed paper	3			Screw-machine products and wood screws	4	
	Converted paper products not elsewhere classified	3	224		Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Die-cut paper and paperboard, and converted cardboard	1			Stamped and pressed metal products (except automobile stampings)	11	
	Fiber cans, tubes, and similar products	2			Steam fittings, regardless of material	2	
	Paper bags, except those made in paper mills	4	189		Steel barrels, kegs, and drums	3	
	Paperboard containers and boxes not elsewhere classified	37			Steel castings	4	
8	Books: publishing and printing	2			Steel works and rolling mills	2	
	Engraving (steel, copperplate, and wood): plate printing	11	66		Tin cans and other tinware not elsewhere classified	5	
	Periodicals: publishing and printing	12	319	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	126
9	Candles	1			Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Chemicals not elsewhere classified	9			Nonferrous-metal foundries (except aluminum)	8	
	Cleaning and polishing preparations, blackings, and dressings	24			Nonferrous-metal products not elsewhere classified	4	66
	Coal-tar products, crude and intermediate	1			Secondary smelting and refining, gold, silver, and platinum	1	
	Colors and pigments	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Compressed and liquefied gases—made in petroleum refineries or in natural-gasoline plants	6			Sheet-metal work not specifically classified	24	413
	Drugs and medicines (including drug grinding)	37			Tin and other foils (except gold and silver foil)	1	
	Grease and tallow (except lubricating greases)	3	22	16	Automotive electrical equipment	1	
	Hardwood distillation and charcoal manufacture	1			Batteries, storage and primary (dry and wet)	4	
	Insecticides, fungicides, and related industrial and household chemical compounds	21			Communication equipment	2	
	Lubricating oils and greases—made in petroleum refineries	4			Electrical appliances	4	
	Mucilage, paste, and other adhesives, except glue and rubber cement	3			Electrical products not elsewhere classified	3	
	Paints, varnishes, and lacquers	28	437		Electric lamps	2	
	Soap and glycerin	7	204		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	19	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1			Insulated wire and cable	1	
	Writing ink	1			Radios, radio tubes, and phonographs	1	
10	Oven coke and coke-oven byproducts	1			Wiring devices and supplies	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	56	17	Agricultural machinery (except tractors)	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2			Blowers, exhaust and ventilating fans	1	
					Cars and trucks, industrial	1	
					Commercial laundry, dry-cleaning, and pressing machinery	2	
					Construction and similar machinery (except mining and oil-field machinery and tools)	2	
					Internal-combustion engines	1	
					Machine-shop products not elsewhere classified	26	1,076
					Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	
					Machine tools	2	
					Measuring and dispensing pumps	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF ST. LOUIS—Continued				CITY OF ST. LOUIS—Continued			
17	Mechanical power-transmission equipment	3	-----	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	-----
	Metalworking machinery and equipment, not elsewhere classified	3	-----		Dental equipment and supplies	2	-----
	Mining machinery and equipment	1	-----		Fire extinguishers, chemical	1	-----
	Office and store machines not elsewhere classified	3	-----		Furs, dressed and dyed	2	-----
	Oil-field machinery and tools	2	-----		Games and toys (except dolls and children's vehicles)	6	-----
	Paper-mill, pulp-mill, and paper-products machinery	1	-----		Jewelry cases and instrument cases	1	-----
	Pumping equipment and air compressors	5	-----		Musical instruments, parts, and materials not elsewhere classified	1	-----
	Sewing machines, domestic and industrial	1	-----		Needles, pins, hooks and eyes, and slide and snap fasteners	1	-----
	Stokers, mechanical, domestic and industrial	4	-----		Organs	2	-----
18	Motor vehicles, motor-vehicle bodies, parts and accessories	15	-----		Pencils (except mechanical) and crayons	2	-----
19	Aircraft and parts, including aircraft engines	1	-----		Photographic apparatus and materials and projection equipment (except lenses)	3	67
	Boat building and boat repairing	1	-----		Professional and scientific instruments (except surgical and dental)	5	-----
	Cars and car equipment—railroad, street, and rapid-transit	6	1,606		Soda fountains, beer dispensing equipment, and related products	1	-----
	Shipbuilding and ship repairing	1	-----		Sporting and athletic goods not elsewhere classified	8	392
20	Beauty-shop and barber-shop equipment	4	63		Surgical and medical instruments	1	-----
	Brooms	3	-----		Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	-----
	Brushes	4	-----		Umbrellas, parasols, and canes	1	-----
	Children's vehicles	3	254				

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27

TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR KANSAS CITY: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
KANSAS CITY				KANSAS CITY—Continued			
1	Biscuit, crackers, and pretzels	5	464	4	Men's and boys' hats and caps (except felt and straw)	6	89
	Bread and other bakery products (except biscuit, crackers, and pretzels)	47	1,655		Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	-----
	Candy and other confectionery products	7	403		Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	249
	Canned and dried fruits and vegetables (including canned soups)	1	-----		Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	-----
	Cereal preparations	1	-----		Men's neckwear—made in inside factories or by jobbers engaging contractors	4	215
	Cheese	1	-----		Millinery	3	55
	Chewing gum	1	-----		Miscellaneous fabricated textile products not elsewhere classified	1	-----
	Corn syrup, corn sugar, corn oil, and starch	1	-----		Robes, lounging garments, and dressing gowns	2	-----
	Creamery butter	7	132		Textile bags—not made in textile mills	5	299
	Flavoring extracts and flavoring syrups, not elsewhere classified	8	21		Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	-----
	Flour and other grain-mill products	3	328		Trousers (semidress), wash suits, and washable service apparel	3	76
	Food preparations, not elsewhere classified	13	188		Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	-----
	Ice cream and ices	11	112		Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	1,735
	Ice, manufactured	12	135		Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	1,345
	Liquors, rectified or blended	2	-----		Work gloves and mittens: cloth, cloth and leather combined	1	-----
	Macaroni, spaghetti, vermicelli, and noodles	1	-----	5	Planing mills not operated in conjunction with sawmills	8	196
	Malt liquors	2	-----		Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	-----
	Meat packing, wholesale	2	-----	6	Caskets, coffins, burial cases, and other morticians' goods	9	109
	Nonalcoholic beverages	11	100		Cooperage	1	-----
	Oleomargarine—not made in meat-packing establishments	1	-----		Excelsior	1	-----
	Poultry dressing and packing, wholesale	13	45		Laboratory, hospital, and other professional furniture	2	-----
	Prepared feeds (including mineral) for animals and fowls	12	195		Mattresses and bedsprings	9	172
	Preserves, jams, jellies, and fruit butters	2	-----		Mirror frames and picture frames	2	-----
	Salad dressings	2	-----		Partitions, shelving, cabinet work, and office and store fixtures	3	103
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	106		Upholstered household furniture	6	115
	Special dairy products	1	-----		Venetian blinds	2	-----
	Vinegar and cider	1	-----		Window and door screens and weather strip	2	-----
2	Cigars	1	-----		Window shades	4	16
3	Cloth sponging and miscellaneous special finishing	1	-----		Wooden boxes except cigar boxes	1	-----
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	-----		Wood preserving	3	99
4	Canvas products (except bags)	4	57				
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	7	350				
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	-----				
	Embroideries, other than Schiffli-machine products—contract factories	2	-----				
	Embroideries: Schiffli-machine products	1	-----				
	Fur coats and other fur garments, accessories, and trimmings	1	-----				
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	241				
	Housefurnishings (except curtains, draperies, and bedspreads)	5	128				

See footnote at end of table.

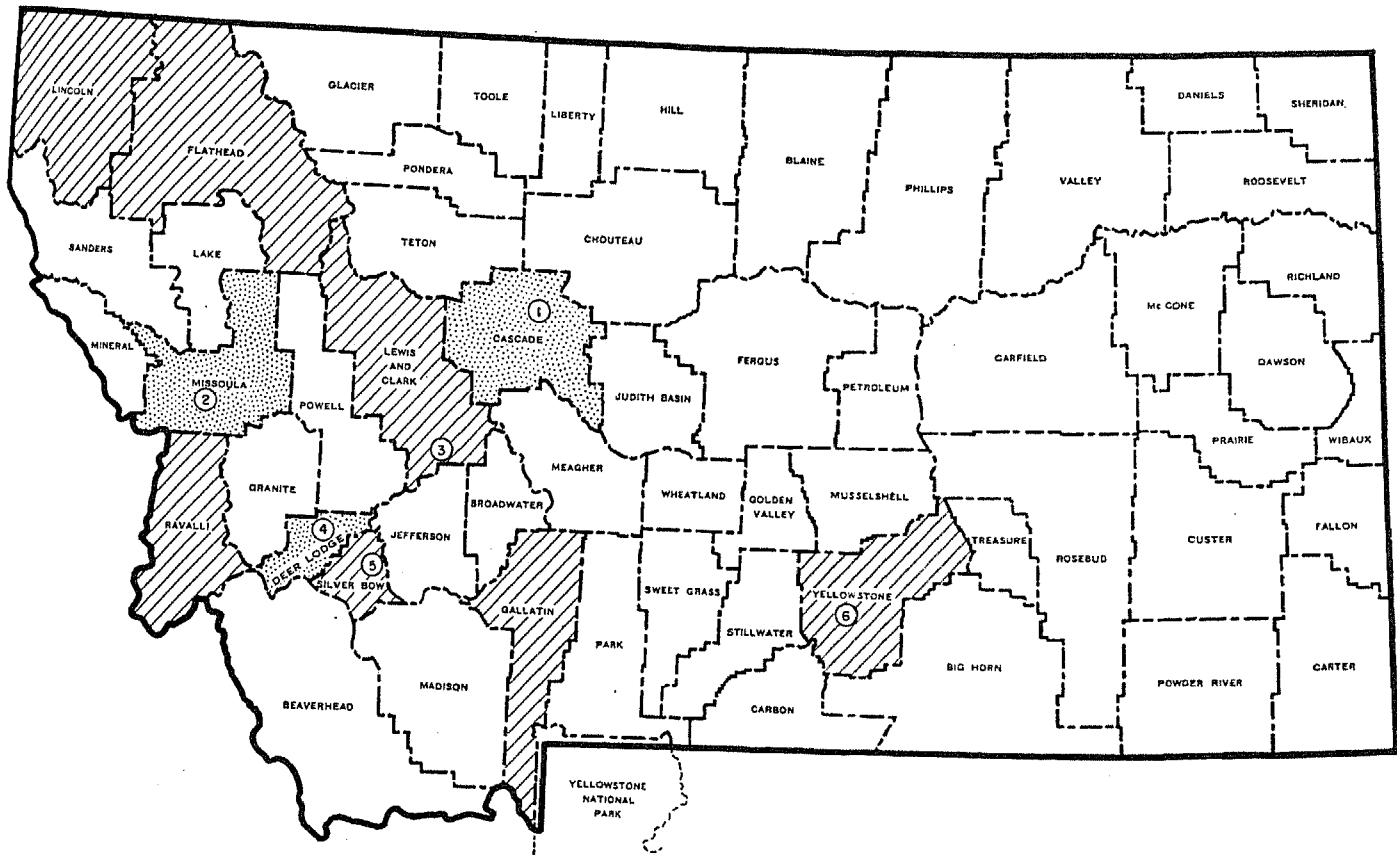
TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR KANSAS CITY: 1939—Continued

Group No.1	TITLE	Number of establishments	Wage earners	Group No.1	TITLE	Number of establishments	Wage earners
KANSAS CITY—Continued				KANSAS CITY—Continued			
7	Coated and glazed paper.....	1	-----	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----
	Converted paper products not elsewhere classified.....	1	-----		Gray-iron and semisteel castings.....	3	62
	Die-cut paper and paperboard, and converted cardboard.....	2	-----		Heating and cooking apparatus, except electric, not elsewhere classified.....	1	-----
	Envelopes.....	4	148		Oil burners, domestic and industrial.....	1	-----
	Fiber cans, tubes, and similar products.....	1	-----		Power boilers and associated products.....	5	751
	Paperboard containers and boxes not elsewhere classified.....	5	269		Screw-machine products and wood screws.....	2	-----
8	Bookbinding and related industries.....	7	61		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	4	14
	Books: printing without publishing.....	8	70		Stamped and pressed metal products (except automobile stampings).....	4	78
	Books: publishing without printing.....	3	-----		Steel works and rolling mills.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	3	30		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	4	156
	Engraving (steel, copperplate, and wood); plate printing.....	3	45		Tin cans and other tinware not elsewhere classified.....	2	-----
	General commercial (job) printing.....	85	675		Tools (except edge tools, machine tools, files, and saws).....	2	-----
	Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	1	-----		Wire drawn from purchased rods.....	1	-----
	Greeting cards (except hand-painted).....	1	-----		Wirework not elsewhere classified.....	4	26
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	9	122	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Machine and hand typesetting (including advertisement typesetting).....	9	62		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	3	27
	Newspapers: publishing and printing.....	4	832		Electroplating, plating, and polishing.....	6	36
	Newspapers: publishing without printing.....	4	-----		Jewelry (precious metals).....	4	60
	Periodicals: publishing and printing.....	11	259		Lighting fixtures.....	4	80
	Periodicals: publishing without printing.....	15	-----		Nonferrous-metal foundries (except aluminum).....	3	24
	Photoengraving, not done in printing establishments (including preparation of plates).....	6	68		Nonferrous-metal products not elsewhere classified.....	5	107
9	Chemicals not elsewhere classified.....	1	-----		Secondary smelting and refining, gold, silver, and platinum.....	1	-----
	Cleaning and polishing preparations, blackings, and dressings.....	8	51		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	38		Sheet-metal work not specifically classified.....	10	92
	Drugs and medicines (including drug grinding).....	16	260	16	Automotive electrical equipment.....	1	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	11	20		Batteries, storage and primary (dry and wet).....	2	-----
	Lubricating oils and greases—not made in petroleum refineries.....	1	-----		Electrical products not elsewhere classified.....	2	-----
	Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	5	54
	Paints, varnishes, and lacquers.....	10	116		Insulated wire and cable.....	1	-----
	Perfumes, cosmetics, and other toilet preparations.....	11	80		Radios, radio tubes, and phonographs.....	1	-----
	Printing ink.....	4	26		Wiring devices and supplies.....	1	-----
	Soap and glycerin.....	1	-----	17	Agricultural machinery (except tractors).....	1	-----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	1	-----
10	Fuel briquets.....	1	-----		Elevators, escalators, and conveyors.....	1	-----
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	3	18		Food-products machinery.....	4	32
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	3	103		Industrial machinery, not elsewhere classified.....	2	-----
11	Rubber products not elsewhere classified.....	1	-----		Internal-combustion engines.....	3	111
12	Industrial leather belting and packing leather.....	1	-----		Machine-shop products, not elsewhere classified.....	11	84
	Leather goods not elsewhere classified.....	2	-----		Machine-shop repairs.....	13	56
	Saddlery, harness, and whips.....	1	-----		Mechanical power-transmission equipment.....	1	-----
	Suitcases, brief cases, bags, trunks, and other luggage.....	4	254		Office and store machines not elsewhere classified.....	2	-----
13	Concrete products.....	6	92		Printing-trades machinery and equipment.....	3	10
	Mineral wool.....	1	-----		Pumping equipment and air compressors.....	1	-----
	Mirrors and other glass products made of purchased glass.....	3	21		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	2	-----
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	52		Vending, amusement, and other coin-operated machines.....	4	96
	Statuary and art goods (except stone and concrete)—factory production.....	2	-----	18	Automobile trailers (for attachment to passenger cars).....	1	-----
	Steam and other packing; pipe and boiler covering.....	1	-----		Motor vehicles, motor-vehicle bodies, parts and accessories.....	9	2,990
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	3	8	19	Aircraft and parts, including aircraft engines.....	1	-----
14	Automobile stampings.....	1	-----		Boat building and boat repairing.....	1	-----
	Cast-iron pipe and fittings.....	1	-----	20	Brooms.....	4	30
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	-----		Brushes.....	1	-----
	Doors, window sash, frames, molding, and trim (made of metal).....	1	-----		Fabricated plastic products, not elsewhere classified.....	2	-----
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	3	51		Games and toys (except dolls and children's vehicles).....	3	26
	Enameling, japanning, and lacquering.....	2	-----		Hand stamps, stencils, and brands.....	4	24
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	3	53		Miscellaneous fabricated products not elsewhere classified.....	2	-----
					Models and patterns (except paper patterns).....	3	17
					Ophthalmic goods: lenses and fittings.....	1	-----
					Optical instruments and lenses.....	1	-----
					Photographic apparatus and materials and projection equipment (except lenses).....	2	-----
					Professional and scientific instruments (except surgical and dental).....	1	-----
					Signs, advertising displays, and advertising novelties.....	13	88
					Soda fountains, beer dispensing equipment, and related products.....	1	-----
					Sporting and athletic goods not elsewhere classified.....	1	-----
					Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	8	43

1 For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MONTANA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ANACONDA	4
BILLINGS	6
BUTTE	5
GREAT FALLS	1
HELENA	3
MISSOULA	2

	UNDER 250 WAGE EARNERS
	250 TO 999 WAGE EARNERS
	1,000 OR MORE WAGE EARNERS
	PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

MONTANA

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ²	Value added by manufacture ³
1939.....	585	469	10,898	\$15,832,241	\$112,094,844	\$151,885,026	\$39,790,182
1937.....	515	357	13,220	19,694,162	134,041,222	176,278,814	42,237,592
1929.....	553	329	13,379	23,048,250	205,980,493	260,700,416	54,719,923

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ²	Value added by manufacture ³
The State.....	559,456	585	9,171	\$12,148,428	\$112,094,844	\$151,885,026	\$39,790,182
COUNTIES ⁴							
Beaverhead.....	6,943	5	8	7,076	45,244	85,787	40,543
Big Horn ⁵	10,419	6	118	—	—	—	—
Blaine ⁶	9,566	8	175	—	—	—	—
Broadwater ⁶	3,451	3	7	—	—	—	—
Carbon.....	11,865	13	36	23,491	181,916	287,223	105,307
Carter ⁶	3,280	1	—	—	—	—	—
Cascade.....	41,999	46	1,508	2,234,283	44,736,796	56,231,635	11,494,839
Chouteau ⁶	7,316	1	—	—	—	—	—
Custer.....	10,422	13	44	51,020	152,945	354,520	201,575
Daniels.....	4,563	5	7	8,949	41,869	79,004	37,135
Dawson.....	8,618	5	16	15,490	70,039	145,879	75,840
Deer Lodge ⁶	13,627	13	1,358	—	—	—	—
Fallon ⁶	3,719	2	—	—	—	—	—
Fergus.....	14,040	13	134	179,902	1,339,013	2,138,992	790,979
Flathead.....	24,271	46	705	850,085	1,972,686	3,067,864	1,725,178
Gallatin.....	18,269	26	261	326,321	1,615,426	2,968,413	1,352,987
Garfield ⁶	2,641	1	—	—	—	—	—
Glacier.....	9,034	15	98	139,136	1,850,017	2,440,148	590,131
Golden Valley ⁷	1,607	—	—	—	—	—	—
Granite ⁶	3,401	2	—	—	—	—	—
Hill.....	13,304	14	68	85,995	420,369	795,741	375,372
Jefferson.....	4,664	7	18	13,994	99,231	140,078	40,847
Judith Basin ⁶	3,655	2	—	—	—	—	—
Lake.....	13,490	16	94	93,228	441,841	669,139	227,298
Lewis and Clark ⁶	22,131	34	559	—	—	—	—
Liberty ⁶	2,209	1	—	—	—	—	—
Lincoln ⁶	7,882	12	524	—	—	—	—
Madison.....	7,294	5	2	2,429	35,977	56,158	20,181
McCone ⁷	3,798	—	—	—	—	—	—
Meagher ⁶	2,237	2	—	—	—	—	—
Mineral ⁷	2,135	—	—	—	—	—	—
Missoula.....	29,038	28	1,186	1,495,488	3,731,920	7,404,442	3,672,522
Musselshell.....	5,717	4	13	17,593	38,081	80,309	41,688
Park.....	11,566	11	64	42,027	221,838	378,374	156,536
Petroleum ⁶	1,083	2	—	—	—	—	—
Phillips.....	7,892	4	9	12,613	40,182	67,901	27,719
Pondera.....	6,716	7	23	20,614	107,203	153,598	46,335
Powder River ⁶	3,159	2	—	—	—	—	—
Powell.....	6,162	5	15	19,114	72,059	124,811	52,752
Prairie ⁶	2,410	1	—	—	—	—	—
Ravalli.....	12,978	24	256	257,936	696,561	1,204,494	507,933
Richland ⁶	10,269	8	167	—	—	—	—
Roosevelt.....	9,866	8	11	11,274	72,201	118,147	45,946
Rosebud ⁶	6,477	3	1	—	—	—	—
Sanders.....	6,926	9	95	169,749	478,988	742,199	263,211
Sheridan.....	7,814	3	7	7,131	21,885	48,589	26,704
Silver Bow.....	53,207	60	487	694,677	2,217,526	4,585,843	2,368,317
Stillwater.....	5,694	5	6	6,209	71,033	102,809	31,776

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of mate- rials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ²	Value added by manu- facture ⁴
COUNTIES ⁵ —continued							
Sweet Grass ⁶	3,719	3	3				
Teton ⁶	6,922	3	3				
Toole ⁶	6,769	11	142				
Treasure ⁶	1,499						
Valley	15,181	10	54	\$57,438	\$195,669	\$456,243	\$260,574
Wheatland ⁶	3,286	4	33				
Wibaux ⁶	2,181						
Yellowstone	41,182	53	771	1,051,614	8,596,205	13,442,886	4,846,681
Yellowstone National Park (part of) ⁷	43						
Undistributed ⁸		125	3,118	4,253,662	42,529,464	52,883,740	10,354,276
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anaconda ⁹	11,004	6	120				
Billings	23,261	36	363	469,859	2,611,347	4,201,796	1,680,449
Butte	37,081	54	377	556,631	1,096,002	3,066,832	1,970,830
Great Falls ⁹	29,928	36	337				
Helena ⁹	15,056	25	206				
Missoula	18,449	21	357	453,329	1,608,595	3,048,235	1,439,640

¹ Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

² Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵ For numbers of establishments by "Industry groups," see table 9.

⁶ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁷ No manufacturing reported.

⁸ The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

⁹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	14,466	13,384	Salaried officers and employees—Continued.		
Male	13,648	12,724	All other employees, etc.—Continued.		
Female	818	660	Engaged in manufacturing:		
Salaried officers and employees, total	3,269	2,022	Male	1,191	
Male	2,757	1,697	Female	324	
Female	512	325	Engaged in distribution:		
Salaried officers of corporations, total	212	196	Male	781	
Male	194	184	Female	165	
Female	18	12	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total	3,057	1,826	Male	183	
Male	2,563	1,513	Engaged in other work:		
Female	494	313	Male	408	
			Female	6	
			Wage earners engaged in manufacturing, total	11,197	11,362
			Male	10,891	11,027
			Female	306	335

¹ See headnote.

² Figures do not include data for 469 proprietors and firm members for 1939 and 329 for 1929, which were not reported by sex for 1939.

³ No data.

CENSUS OF MANUFACTURES: 1939

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939	9,171	8,224	7,953	7,686	8,184	8,584	8,816	9,368	9,710	9,774	11,062	10,528	10,163
1937	11,268	9,943	9,351	10,266	10,881	11,461	11,835	12,150	12,033	11,932	12,730	11,739	10,888
1929	11,357	10,787	10,739	10,881	11,292	11,415	11,493	11,414	11,902	11,205	12,463	12,031	10,671

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
All establishments	585	553	9,171	11,357	\$151,885,026	\$39,790,182
No wage earners	40	22			510,708	219,948
1 to 5	352	326	812	837	8,703,188	3,574,465
6 to 20	120	129	1,282	1,301	12,002,509	5,405,378
21 to 50	40	40	1,258	1,220	10,449,345	6,772,997
51 to 100	16	16	1,159	1,119	12,529,005	4,930,189
101 to 250	12	11				
251 to 500	2	5				
501 to 1,000	3	3	4,660	6,880	101,000,271	18,797,205
1,001 to 2,500		1				

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

³ Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	585	553	9,171	11,357	\$151,885,026	\$260,700,416	\$39,790,182	\$54,719,923
\$5,000 to \$19,999	268	232	564	554	2,899,332	2,470,789	1,652,974	1,626,871
\$20,000 to \$49,999	133	129	684	696	4,339,745	4,187,842	1,996,044	2,263,093
\$50,000 to \$99,999	72	66	611	670	5,229,265	4,562,809	2,319,074	2,151,543
\$100,000 to \$249,999	52	59	946	944	8,481,563	8,811,820	4,028,394	3,729,902
\$250,000 to \$499,999	26	23	989	1,063	9,159,676	8,276,888	4,493,068	3,377,068
\$500,000 to \$999,999	11	20	677	1,133	7,828,353	12,832,405	3,268,257	5,554,391
\$1,000,000 to \$2,499,999	15	14	2,243	2,325	23,947,880	21,157,743	8,367,400	8,099,698
\$2,500,000 to \$4,999,999	3	4	506	458	10,676,297	11,734,862	2,790,935	2,702,853
\$5,000,000 and over	5	6	1,951	3,514	79,322,915	186,656,258	10,874,036	25,214,474

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	585	553	9,171	11,357	\$151,885,026	\$260,700,416	\$39,790,182	\$54,719,923
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	112	(⁴)	5,933	(⁴)	126,654,753	(⁴)	28,741,147	(⁴)
Independent (single-unit).....	123	(⁴)	2,009	(⁴)	16,791,644	(⁴)	7,224,498	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	34	(⁴)	113	(⁴)	1,021,338	(⁴)	428,453	(⁴)
Independent (single-unit).....	316	(⁴)	1,116	(⁴)	7,417,291	(⁴)	3,396,084	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	140	65	6,046	6,153	127,676,091	221,017,024	29,169,600	36,932,394
Independent (single-unit), corporate and noncorporate.....	439	488	3,125	5,204	24,208,935	39,683,392	10,620,582	17,787,529
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	235	234	7,942	9,928	143,446,397	252,314,758	35,965,645	50,575,693
Noncorporate, total.....	350	319	1,229	1,429	8,438,629	8,385,658	3,824,537	4,144,230
Individual.....	240	(⁴)	858	(⁴)	5,716,792	(⁴)	2,609,392	(⁴)
Partnership.....	101	(⁴)	346	(⁴)	2,339,829	(⁴)	1,082,734	(⁴)
Cooperative.....	7							
Other.....	2		25		382,017		132,411	

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

⁴ No data.

⁵ Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments numbers of wage earners or larger values of

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Persons employed in manufacturing establishments ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total.....	585	469	12,440	212	1,515	9,171	946	183	413
2	1 Beet sugar.....	5		844		102	732			10
3	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	88	95	712	12	46	524	113	1	16
4	13 Brick and hollow structural tile.....	7	4	85	3	5	75	2		
5	1 Candy and other confectionery products.....	3	3	6			6			
6	1 Canned and dried fruits and vegetables (including canned soups).....	5	1	99	1	13	83			2
7	1 Cheese.....	6	5	14		3	11			
8	13 Concrete products.....	6	3	49		9	35	5		
9	1 Creamery butter.....	71	59	388	19	75	213	78	2	1
10	1 Flour and other grain-mill products.....	24	10	342	5	74	255	7		1
11	1 Food preparations, not elsewhere classified.....	4	5	17		2	12	3		
12	8 General commercial (job) printing.....	21	18	211	16	35	141	19		
13	1 Ice cream and ices.....	22	21	111	6	10	33	62		
14	1 Ice, manufactured.....	5	1	35	6	3	12	14		
15	5 Logging camps and logging contractors (not operating sawmills).....	11	7	340	5	14	296	5	14	6
16	17 Machine-shop products, not elsewhere classified.....	3		96	7	12	68	7		2
17	17 Machine-shop repairs.....	7	7	28	3	3	32			
18	1 Malt liquors.....	8	1	223	17	20	145	37	3	1
19	1 Meat packing, wholesale.....	13	9	394	12	44	257	59	14	8
20	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	6	2	39	5	5	22	6	1	
21	8 Newspapers: publishing and printing.....	80	72	972	34	307	503	128		
22	1 Nonalcoholic beverages.....	29	24	162	8	32	60	60		2
23	8 Periodicals: publishing without printing.....	3		14	2	11		1		
24	10 Petroleum refining.....	28	15	875	20	118	439	255	40	3
25	5 Planing mills not operated in conjunction with sawmills.....	6	4	184	4	8	172			
26	1 Prepared feeds (including mineral) for animals and fowls.....	6	2	60		7	50	3		
27	12 Saddlery, harness, and whips.....	3	2	12	4	1	6	1		
28	1 Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	4	3	7		1	5	1		
29	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	53	63	2,152	12	119	1,950	34	26	5
30	15 Sheet-metal work not specifically classified.....	6	4	43	1	6	34	2		
31	20 Signs, advertising displays, and advertising novelties.....	4	3	48	3	7	33	5		
32	6 Wood preserving.....	3		76		6	69	1		
33	Other industries ⁴	58	36	3,988	11	426	3,074	39	82	356

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

² Figures do not include data for personnel of central-administrative offices.

³ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries in combination ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴	
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
17,951,605	776,654	2,907,159	12,148,428	1,403,294	270,868	445,102	112,094,844	106,904,378	2,411,058	2,396,926	382,482	151,885,026	39,790,182	1
1,138,290		200,514	890,185		16,753	30,838	7,389,818	7,082,775	299,402	7,641		10,780,455	3,390,637	2
851,040	26,962	75,045	623,274	107,474	360	17,325	1,877,551	1,782,431	47,072	47,148		4,020,290	2,142,739	3
104,233	4,500	8,860	85,447	4,500	936		49,739	14,418	28,560	4,838	1,923	196,198	146,459	4
(³)			(³)				(³)	(³)	(³)	(³)		(³)	(³)	5
69,380	2,400	15,723	47,187			4,070	202,653	196,139	4,198	2,316		320,658	118,005	6
14,810		3,690	11,120				90,288	87,044	2,393	851		114,602	24,314	7
60,105		10,250	44,000	5,849			92,584	89,277	1,585	1,722		241,282	148,698	8
452,583	59,735	90,888	210,866	86,704	1,585	3,005	3,309,675	3,215,174	36,304	58,141	56	4,248,762	639,067	9
488,406	6,000	128,359	342,230	11,097		120	4,528,486	4,418,193	20,214	90,079		6,254,698	1,726,212	10
12,190		3,000	7,590	1,600			28,860	27,933	641	286		48,887	20,027	11
311,663	44,980	40,760	202,670	23,254			329,506	307,040	2,197	9,632	10,637	804,601	475,095	12
152,570	15,835	11,844	38,244	86,647			408,763	374,562	7,359	26,842		763,200	354,437	13
55,374	17,026	4,788	17,775	15,785			17,523	5,030	2,474	10,019		91,813	74,290	14
455,460	53,339	19,870	355,552	1,200	22,079	3,384	259,276	139,060	29,275		90,941	914,453	655,177	15
134,288	19,350	17,997	82,822	13,579		540	112,901	105,092	3,519	4,290		286,280	173,379	16
65,656	14,808	3,360	47,488				52,999	48,076	1,207	3,716		228,245	175,246	17
498,082	71,052	61,033	279,267	80,002	4,463	1,365	693,106	640,358	30,990	21,758		2,091,234	1,308,128	18
591,143	58,165	77,248	337,364	94,977	15,775	7,614	3,809,947	3,750,312	29,272	30,363		4,731,496	921,549	19
44,907	11,474	4,595	23,924	4,907	7		15,330	12,444	796	2,090		85,590	70,260	20
1,585,792	96,652	533,088	771,092	184,360			641,206	552,867	14,507	42,130	31,712	3,196,483	2,555,277	21
199,680	21,600	38,614	59,781	72,277		7,417	432,467	415,856	7,182	9,429		975,574	543,107	22
14,649	6,000	7,319		1,330			18,722	747			17,975	41,185	22,463	23
1,545,831	112,584	205,012	717,383	443,614	65,604	1,574	9,083,683	8,729,004	313,229	41,450		13,461,015	4,377,332	24
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)		(³)	(³)	25
65,612		12,610	49,697	3,305			374,118	359,398	6,554	8,166		557,340	183,222	26
13,163	5,057	910	6,416	780			23,664	23,146	174	344		45,496	21,532	27
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)		(³)	(³)	28
2,802,927	67,235	255,645	2,354,641	60,185	48,445	7,776	2,818,559	2,677,320	26,599	19,874	94,706	6,429,983	3,611,424	29
57,654	5,415	11,580	34,807	5,852			208,009	204,892	787	1,402	928	402,900	194,891	30
82,867	15,764	9,645	46,911	10,547			52,909	50,075	1,123	1,711		219,207	166,298	31
118,687		10,920	106,558	1,200			785,928	764,856	15,518	5,554		1,030,084	244,156	32
5,964,454	39,221	1,043,891	4,353,498	73,269	94,501	360,074	74,386,574	70,830,869	1,477,027	1,945,134	133,544	89,303,015	14,016,441	33

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

³ For numbers of establishments and of wage earners in individual industries, see table 10.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	585	297			1	70	7		109	9	28		3	25	4	14		11			7
Beaverhead	5	3							2												
Big Horn	6	5							1												
Blaine	8	4			1				2		1										
Broadwater	3	1			1				1												
Carbon	13	10							1		2										
Carter	1								1												
Cascade	46	26			1	1			9		1			3	1	3					1
Chouteau	1								1												
Custer	13	7							2				2	1		1					
Daniels	5	2							2									1			
Dawson	5	4							1												
Deer Lodge	13	3							1		3			3	1	2					
Fallon	2	1							1												
Fergus	13	6							3				2	2							
Flathead	46	15				19	1		7		2			1							1
Gallatin	26	18				4			3					1							
Garfield	1								1												
Glacier	15	5							2	1	5							2			
Granite	2				2																
Hill	14	8							2	1	1			1				1			
Jefferson	7	2			2				2	1											
Judith Basin	2	1							1												
Lake	16	6			7				3												
Lewis and Clark	34	16			4				7					4		2		1			
Liberty	1	1																			
Lincoln	12	6			5				1												
Madison	5	3							2												
Meagher	2	1							1												
Missoula	28	14			5				4		1			1		1		1			1
Musselshell	4	3							1												
Park	11	6			3				2												
Petroleum	2								1		1										
Phillips	4	3							1												
Pondera	7	4							1		2										
Powder River	2	1							1												
Powell	5	3							1					1							
Prairie	1								1												
Ravalli	24	14			8				2												
Richland	8	6							1							1					
Roosevelt	8	5							3												
Rosebud	3	1							2												
Sanders	9	5			3	1															
Sheridan	3	2							1												
Silver Bow	60	30			2	3			9	1				5	2	1		4			3
Stillwater	5	3							1		1										
Sweet Grass	3	2							1												
Teton	3	2							1												
Toole	11	1							2		7					1					
Valley	10	5							4									1			
Wheatland	4	3							1												
Yellowstone	53	30			3	2			8	2	2		1	2		2					1

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

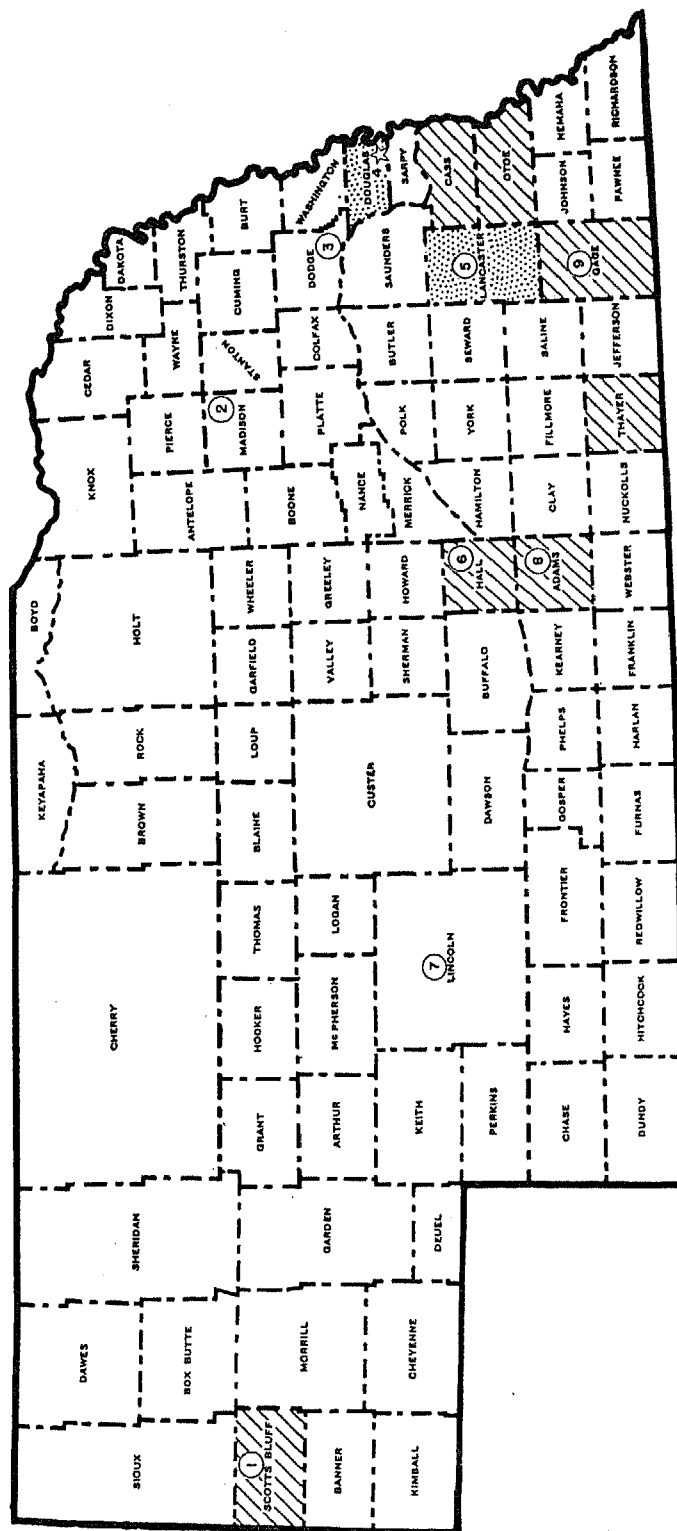
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
STATE OF MONTANA				STATE OF MONTANA—Continued			
1	Candy and other confectionery products.....	3	6	9	Fertilizers.....	1	
	Condensed and evaporated milk.....	1			Hardwood distillation and charcoal manufacture.....	1	
	Malt.....	1			Lubricating oils and greases—not made in petroleum refineries.....	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	1			Paints, varnishes, and lacquers.....	1	
	Poultry dressing and packing, wholesale.....	1		13	Cement.....	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	4	5		Gypsum products.....	1	
4	Fur coats and other fur garments, accessories, and trimmings.....	1			Lime.....	2	
5	Planing mills not operated in conjunction with sawmills.....	6	172		Mineral wool.....	1	
6	Caskets, coffins, burial cases, and other morticians' goods.....	1			Nonclay refractories.....	1	
	Household furniture, except upholstered.....	1		14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	
	Mattresses and bedsprings.....	1			Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	2	
	Partitions, shelving, cabinet work, and office and store fixtures.....	1			Gray-iron and semisteel castings.....	1	
8	Books: printing without publishing.....	1		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	
	Newspapers: publishing without printing.....	1			Jewelry (precious metals).....	1	
	Periodicals: publishing and printing.....	1			Primary smelting and refining of nonferrous metals.....	6	2, 110
	Photoengraving, not done in printing establishments (including preparation of plates).....	2		17	Elevators, escalators, and conveyors.....	1	
9	Chemicals not elsewhere classified.....	2		20	Brooms.....	1	
	Cleaning and polishing preparations, blackings, and dressings.....	1			Miscellaneous fabricated products not elsewhere classified.....	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2			Sporting and athletic goods not elsewhere classified.....	1	

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

NEBRASKA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BEATRICE	9
FREMONT	3
GRAND ISLAND	6
HASTINGS	8
LINCOLN	5
NORFOLK	2
NORTH PLATTE	7
OMAHA	4
SCOTT'S BLUFF	1

- UNDER 250 WAGE EARNERS
- 250 TO 999 WAGE EARNERS
- 1,000 OR MORE WAGE EARNERS

- PLACES OF 10,000 TO 99,999 POPULATION
- PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

NEBRASKA

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing ¹	Salaries and wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ⁴
1939.....	1,161	903	22,449	\$28,123,351	\$204,437,208	\$273,524,581	\$69,087,373
1937.....	1,071	728	24,499	31,175,160	215,077,144	282,502,287	67,425,143
1929.....	1,440	930	29,159	42,500,205	351,844,636	460,757,514	108,912,878

¹ Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

² The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
The State.....	1,315,834	41,161	18,807	\$20,623,550	\$204,437,208	\$273,524,581	\$69,087,373
COUNTIES ¹							
Adams.....	24,576	33	518	490,890	2,043,245	4,193,581	1,550,336
Antelope.....	13,289	9	21	14,748	229,001	307,166	78,165
Arthur.....	1,045						
Banner.....	1,403						
Blaine.....	1,538						
Boone.....	12,127	6	11	7,038	45,003	77,865	32,862
Box Butte.....	10,736	13	56	48,766	568,710	845,184	276,474
Boyd.....	6,060						
Brown.....	5,962	7	14	8,612	88,837	152,403	63,566
Buffalo.....	23,655	20	168	133,333	1,048,572	1,514,959	406,387
Burt.....	12,546	8	27	17,013	389,740	477,364	87,624
Butler.....	13,106	5	11	9,710	57,010	94,177	37,167
Cass.....	16,992	9	416	433,447	1,278,668	2,809,435	1,530,767
Cedar.....	15,126	5	12	10,310	27,461	56,087	28,626
Chase.....	5,310	4	3	2,180	34,963	56,921	21,958
Cherry.....	9,637	3	6	3,656	20,852	33,466	12,614
Cheyenne.....	9,505	11	30	29,569	139,201	226,162	80,961
Clay.....	10,445	3	10				
Colfax.....	10,627	8	20	11,147	125,220	183,593	88,813
Cuming.....	13,562	5	13	8,861	31,465	66,320	34,855
Custer.....	22,691	9	18	13,967	76,199	140,429	64,230
Dakota.....	9,836	2					
Dawes.....	10,128	18	39	38,859	421,669	637,886	210,167
Dawson.....	17,890	16	112	100,183	681,870	967,587	315,717
Deuel.....	3,580						
Dixon.....	10,413	2					
Dodge.....	23,799	31	246	206,762	1,856,848	2,748,468	891,620
Douglas.....	247,562	387	11,144	13,411,139	154,195,905	195,527,664	41,331,759
Dundy.....	6,122	3	6				
Fillmore.....	11,417	5	21	16,170	85,772	144,421	58,649
Franklin.....	7,740	5	18	9,817	204,098	270,011	65,913
Frontier.....	6,417	2					
Furnas.....	10,068	5	46				
Gage.....	29,588	25	569	568,165	2,492,796	4,616,254	2,123,458
Garden.....	4,680	2					
Garfield.....	3,444	1					
Gosper.....	3,687						
Grant.....	1,327						
Greeley.....	6,845	4	10	7,066	125,734	154,396	28,662
Hall.....	27,523	26	379	409,918	2,634,823	4,085,492	1,450,669
Hamilton.....	9,982	3	24				
Harlan.....	7,130	4	48	35,132	638,216	811,005	172,789
Hayes.....	2,958						
Hitchcock.....	6,404	3	5	5,447	73,376	97,253	33,877
Holt.....	16,552	10	25	21,945	371,428	493,591	122,163
Hooker.....	1,253	1					
Howard.....	8,422	6	15	9,565	60,776	86,745	25,969
Jefferson.....	15,532	14	175	123,079	1,059,590	1,447,894	388,304
Johnson.....	8,662	5	60	40,791	397,783	503,179	105,396
Kearney.....	6,854	6	26	28,944	73,216	174,195	100,979

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of mater- ials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
COUNTIES &—continued							
Keith.....	8,333	4	19	\$17,920	\$27,497	\$80,479	\$52,982
Kaya Paha ⁷	3,235	1					
Kimball ⁷	3,013	2					
Knox.....	16,478	10	30	26,382	301,839	407,395	105,556
Lancaster.....	100,585	125	1,675	1,705,117	7,884,653	14,946,363	7,061,710
Lincoln.....	25,425	18	94	\$87,626	\$478,645	\$937,918	\$459,273
Logan ⁸	1,742						
Loup ⁸	1,777						
McPherson ⁸	1,175						
Madison.....	24,269	22	152	126,350	1,418,431	1,966,020	547,589
Merrick.....	9,354	9	64	36,471	581,698	705,947	124,240
Morrill ⁷	9,436	3	88				
Nance ⁷	7,653	3	10				
Nemaha.....	12,781	4	22	18,081	118,019	164,068	46,049
Nuckolls.....	10,446	11	155	175,705	1,219,243	2,119,845	900,602
Otoe.....	18,994	16	274	189,467	1,239,139	1,958,262	719,123
Pawnee.....	8,514	5	9	7,642	20,104	51,483	31,379
Perkins ⁷	5,197	2					
Phelps.....	8,452	11	59	42,384	783,612	1,028,280	244,668
Pierce.....	10,211	4	19	11,708	268,293	328,907	60,614
Platte.....	20,191	17	109	90,364	592,713	948,748	356,035
Polk ⁸	8,748						
Red Willow.....	11,951	10	57	55,294	370,085	599,016	228,931
Richardson.....	19,178	15	85	72,330	1,385,339	1,803,902	418,563
Rock ⁷	3,977	3	6				
Saline.....	15,010	12	168	154,550	3,197,188	3,925,261	728,073
Sarpy.....	10,835	6	10	9,940	51,119	110,983	59,864
Saunders.....	17,892	13	105	88,976	1,080,668	1,420,744	340,076
Scotts Bluff.....	33,917	31	669	767,993	7,042,567	9,940,693	2,898,126
Seward.....	14,107	8	119	97,738	720,204	1,001,023	280,819
Sheridan.....	9,809	8	13	11,130	102,497	159,366	50,809
Sherman ⁷	7,764	3	6				
Sioux ⁷	4,001	1					
Stanton.....	6,887	4	10	7,756	63,692	104,958	41,366
Thayer.....	12,262	6	291	150,585	398,747	775,245	376,498
Thomas ⁸	1,553						
Thurston ⁷	10,243	1					
Valley.....	8,163	5	18	15,487	115,655	171,007	55,962
Washington.....	11,578	6	24	17,820	57,804	112,651	54,847
Wayne.....	9,880	5	21	18,984	129,280	184,352	55,063
Webster.....	8,071	3	6	3,013	33,917	50,308	16,391
Wheeler ⁸	2,170						
York.....	14,874	10	61	54,552	153,226	275,297	122,071
Undistributed ⁸		43	237	226,016	2,423,378	3,214,417	791,039
CITIES HAVING 10,000 OR MORE INHABITANTS							
Beatrice.....	10,883	18	397	384,574	1,466,800	2,824,987	1,358,187
Fremont.....	11,862	26	220	178,631	1,751,072	2,564,317	813,245
Grand Island.....	19,130	20	216	230,936	1,383,151	2,290,334	907,183
Hastings ⁷	15,145	29	459				
Lincoln.....	81,984	119	1,522	1,606,945	7,491,278	14,169,033	6,677,755
Norfolk.....	10,490	15	131	110,644	1,099,034	1,579,952	480,918
North Platte ⁷	12,429	15	65				
Omaha ¹⁰	223,844	374	10,965	13,210,513	152,612,102	192,951,833	40,339,731
Scottsbluff.....	12,057	13	79	94,556	831,420	1,149,508	318,088

¹ Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

² Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

³ See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

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

⁵ For numbers of establishments by "Industry groups," see table 9.

⁶ No manufacturing reported.

⁷ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

⁸ The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

⁹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

¹⁰ After the publication of the pamphlet report for Nebraska, it was found that figures for the city of Omaha could have been shown in detail by industries, but no table is given in this report.

CENSUS OF MANUFACTURES: 1939

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the total number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the normal pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest representative date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	29,030	29,336	Salaried officers and employees—Continued.		
Male	24,080	24,316	All other employees, etc.—Continued.		
Female	4,950	5,020	Engaged in manufacturing:		
Salaried officers and employees, total	7,932	5,983	Male	2,163	(9)
Male	6,199	4,307	Female	898	
Female	1,733	1,676	Engaged in distribution:		
Salaried officers of corporations, total	581	702	Male	3,196	
Male	535	657	Female	735	
Female	46	45	Engaged in construction:		
All other employees (except wage earners in manufacturing), total	7,351	5,281	Male	173	
Male	5,664	3,650	Engaged in other work:		
Female	1,687	1,631	Male	132	
			Female	54	
			Wage earners engaged in manufacturing, total	21,098	23,353
			Male	17,881	20,000
			Female	3,217	3,344

¹ See headnote.

² Figures do not include data for 903 proprietors and firm members for 1939 and 930 for 1929, which were not reported by sex for 1939.

³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year ¹	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
1939	18,807	17,611	16,961	17,053	17,350	18,266	18,832	18,893	19,270	19,946	21,671	20,877	19,554
1937	19,590	18,376	18,235	18,615	19,030	19,738	20,236	19,929	19,842	19,946	21,092	20,877	19,170
1929	23,176	21,342	21,136	21,367	22,340	22,782	23,768	23,797	24,158	24,128	25,149	24,080	24,070

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
All establishments	1,161	1,440	18,807	23,176	\$273,524,581	\$69,087,373
No wage earners	51	66				
1 to 5	661	860	1,730	2,209	938,362	421,010
6 to 20	284	335	3,042	3,418	17,672,827	7,136,347
21 to 50	100	108	3,150	3,449	32,649,277	11,856,612
51 to 100	36	39	2,525	2,784	32,426,278	9,972,724
101 to 250	23	22	3,467	3,232	30,251,594	11,419,780
251 to 500	2	5			45,230,105	14,406,842
501 to 1,000	1	2	1,059	3,118	14,675,329	2,870,928
1,001 to 2,500	3	3	3,834	4,966	93,674,809	11,003,130

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

³ Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS:
1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	1,161	1,440	18,807	23,176	\$273,524,581	\$460,757,514	\$69,087,373	\$108,912,878
\$5,000 to \$19,999.....	471	631	1,095	1,399	5,049,598	6,893,014	2,925,936	4,389,916
\$20,000 to \$49,999.....	259	310	1,318	1,530	8,349,201	9,783,335	4,066,829	5,204,095
\$50,000 to \$99,999.....	156	181	1,510	1,634	10,923,486	12,796,135	4,844,203	6,318,775
\$100,000 to \$249,999.....	134	166	2,067	2,755	20,239,002	26,472,150	8,588,648	12,353,225
\$250,000 to \$499,999.....	62	64	2,028	2,456	21,940,473	22,809,511	6,093,343	9,521,579
\$500,000 to \$999,999.....	43	39	2,938	2,032	28,832,628	26,208,158	11,287,983	10,165,296
\$1,000,000 to \$2,499,999.....	26	28	2,896	2,539	38,117,407	43,576,792	12,112,069	14,025,091
\$2,500,000 to \$4,999,999.....	5	12	503	1,479	14,469,357	41,193,554	4,464,615	11,974,661
\$5,000,000 and over.....	5	9	4,452	7,352	125,603,339	271,024,865	14,100,657	34,960,240

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION:
1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	1,161	1,440	18,807	23,176	\$273,524,581	\$460,757,514	\$69,087,373	\$108,912,878
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	208	(⁴)	10,126	(⁴)	195,797,565	(⁴)	37,886,163	(⁴)
Independent (single-unit).....	300	(⁴)	5,874	(⁴)	53,666,921	(⁴)	21,467,724	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	35	(⁴)	236	(⁴)	2,710,657	(⁴)	1,011,280	(⁴)
Independent (single-unit).....	618	(⁴)	2,571	(⁴)	21,349,408	(⁴)	8,722,206	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	243	136	10,362	11,754	198,508,252	347,326,130	38,897,443	59,621,020
Independent (single-unit), corporate and noncorporate.....	918	1,304	8,445	11,422	75,016,329	113,431,384	30,189,930	49,291,858
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	508	576	16,000	19,582	249,464,486	431,529,230	59,353,887	96,006,005
Noncorporate, total.....	653	864	2,807	3,614	24,060,095	29,228,284	9,733,486	12,906,873
Individual.....	434	(⁴)	1,619	(⁴)	12,132,448	(⁴)	5,221,551	(⁴)
Partnership.....	185	(⁴)	1,061	(⁴)	9,488,013	(⁴)	4,136,347	(⁴)
Cooperative.....	30	(⁴)	116	(⁴)	2,366,924	(⁴)	339,584	(⁴)
Other.....	4	(⁴)	11	(⁴)	71,810	(⁴)	36,004	(⁴)

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.⁴ No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

Group No.	INDUSTRY	*Number of establishments	*Pro-rietors and firm mem-bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distri-bution	Con-struc-tion	Other
						Salaried employ-ees ²	Wage earners (average for year) ⁴			
1	All industries, total.....	1,161	903	26,739	581	3,061	18,807	3,931	173	186
2 17	Agricultural machinery (except tractors).....	4	3	215	6	13	162	34		
3 1	Beet sugar.....	7		831		140	678			13
4 1	Biscuit, crackers, and pretzels.....	4	2	344	4	29	198	113		
5 8	Bookbinding and related industries.....	10	8	80	6	13	54	7		
6 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	139	143	2,103	17	116	1,635	277	14	44
7 13	Brick and hollow structural tile.....	9		218	6	14	189	1	8	
8 20	Brooms.....	5	7	354	2	26	313	13		
9 1	Candy and other confectionery products.....	5	3	102	2	13	69	18		
10 1	Canned and dried fruits and vegetables (including canned soups).....	4		299	7	22	258	12		
11 4	Canvas products (except bags).....	5	4	101	7	9	69	16		
12 19	Cars and car equipment—railroad, street, and rapid-transit.....	4		207		15	192			
13 6	Caskets, coffins, burial cases, and other morticians' goods.....	6	1	84	9	10	48	17		
14 9	Cleaning and polishing preparations, blackings, and dressings.....	7	8	17		2	11	4		
15 3	Cloth sponging and miscellaneous special finishing.....	3	3	8	1	1	6	6		
16 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4		47	4	7	32	4		
17 13	Concrete products.....	21	15	207	10	22	152	15	2	
18 1	Condensed and evaporated milk.....	4		15		3	15			
19 6	Cooperage.....	4		68		6	62			
20 1	Creamery butter.....	106	63	1,221	15	254	747	171	14	20
21 9	Drugs and medicines (including drug grinding).....	16	4	434	33	42	199	158	2	
22 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	7	1	529	13	55	444	17		
23 1	Flour and other grain-mill products.....	63	55	1,097	44	109	593	305	30	16
24 1	Food preparations, not elsewhere classified.....	7	8	95	2	5	66	16		6
25 12	Footwear (except rubber).....	3	2	140	5	5	119	11		
26 4	Fur coats and other fur garments, accessories, and trimmings.....	3	2	45	2	1	28	12	2	
27 8	General commercial (job) printing.....	79	71	930	56	133	628	110	3	
28 14	Gray-iron and semisteel castings.....	4	3	38	2	4	32			
29 9	Grease and tallow (except lubricating greases).....	11	2	90	10	7	71		1	1
30 1	Ice cream and ices.....	31	26	354	3	31	126	182	3	9
31 1	Ice, manufactured.....	35	23	313	8	24	106	168	5	2
32 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	4	4	10		2	4	4		
33 8	Machine and hand typesetting (including advertisement typesetting).....	5	5	28	1	6	16	5		
34 17	Machine-shop products, not elsewhere classified.....	13	12	115	6	13	67	25		4
35 17	Machine-shop repairs.....	13	15	58	1	5	40	3		
36 1	Malt liquors.....	5		452	12	39	266	125	9	1
37 6	Mattresses and bedsprings.....	3	3	53		5	42	6		
38 1	Meat packing, wholesale.....	27	33	6,131	14	528	4,734	811	35	9
39 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	5	3	79	7	8	56	8		
40 18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	4	4	17		1	16			
41 8	Newspapers: publishing and printing.....	146	160	1,928	45	509	965	409		
42 8	Newspapers: publishing without printing.....	3	5	9		9				
43 1	Nonalcoholic beverages.....	49	43	400	20	36	134	196	12	2
44 9	Paints, varnishes, and lacquers.....	4		37	7	5	11	14		
45 7	Paperboard containers and boxes not elsewhere classified.....	3	1	241	8	21	199	13		
46 6	Partitions, shelving, cabinet work, and office and store fixtures.....	6	2	277	5	16	205	62		
47 8	Periodicals: publishing and printing.....	9	5	195	11	67	98	19		
48 8	Periodicals: publishing without printing.....	10	2	42	3	37		2		
49 10	Petroleum refining.....	9	10	83	2	12	32	27	10	
50 8	Photoengraving, not done in printing establishments (including preparation of plates).....	3	2	24	3	3	15	3		
51 5	Planing mills not operated in conjunction with sawmills.....	13	13	367	13	22	270	57		5
52 1	Poultry dressing and packing, wholesale.....	25	4	881	2	66	776	37		
53 14	Power boilers and associated products.....	4	4	103	5	12	82			
54 1	Prepared feeds (including mineral) for animals and fowls.....	24	22	341	5	44	235	54		3
55 17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	1	160	6	29	98	27		
56 12	Saddlery, harness, and whips.....	4	1	25			18	3		
57 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	3	3	74		13	35	26		
58 15	Sheet-metal work not specifically classified.....	10	3	232	12	25	173	22		
59 20	Signs, advertising displays, and advertising novelties.....	9	5	130	4	9	91	26		
60 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	5	5	24	2	4	15	3		
61 4	Trousers (semidress), wash suits, and washable service apparel.....	4	1	62		5	49	7		1
62 6	Upholstered household furniture.....	10	10	209	4	13	184	8		
63 6	Wooden boxes except cigar boxes.....	3		75	2	5	67	1		

See footnotes at end of table.

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES						COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK								Value of products	Value added by manu- facture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construc- tion	Other	Total	Materials and sup- plies	Fuel	Pur- chased electric energy	Contract work				
		Salaries ³	Wages												
Dollars 34,898,295	Dollars 2,474,805	Dollars 5,024,966	Dollars 20,623,550	Dollars 6,134,832	Dollars 397,070	Dollars 242,442	Dollars 204,437,208	Dollars 199,806,258	Dollars 2,240,541	Dollars 1,804,077	Dollars 590,332	Dollars 273,524,581	Dollars 60,087,373		
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		
432,768	23,820	43,674	200,860	164,414	-----	-----	597,422	568,582	19,648	9,192	-----	1,316,439	719,017		
108,875	23,922	14,831	54,300	15,822	-----	-----	70,702	67,224	1,539	1,828	111	258,370	187,668		
2,594,995	98,500	195,193	1,786,006	351,883	30,250	43,163	4,370,182	4,138,624	140,051	91,067	-----	9,243,162	4,872,980		
197,041	8,800	20,893	160,963	2,856	3,529	-----	148,769	48,053	75,076	25,640	-----	570,539	421,770		
87,906	6,000	17,679	37,971	25,656	-----	-----	107,678	102,733	1,994	2,951	-----	222,367	114,689		
90,018	19,200	9,905	50,156	19,757	-----	-----	107,529	104,968	989	1,572	-----	244,854	137,325		
270,633	-----	24,841	245,792	-----	-----	-----	373,573	360,733	2,308	4,532	-----	704,807	331,294		
113,613	32,880	11,235	45,433	23,905	-----	-----	217,580	213,997	1,852	1,731	-----	402,295	184,715		
15,939	-----	1,307	10,472	4,160	-----	-----	127,665	125,979	868	818	-----	167,373	39,708		
7,562	3,000	762	3,800	-----	-----	-----	48,678	48,159	273	246	-----	67,021	18,343		
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		
246,541	45,325	32,228	146,435	19,821	2,732	-----	784,243	768,214	6,756	9,273	-----	1,236,562	452,310		
58,543	-----	9,276	46,267	-----	-----	-----	392,027	388,171	7,720	14,136	-----	503,891	111,894		
1,371,596	55,551	332,310	772,619	182,163	15,036	14,017	17,661,144	17,162,098	184,478	182,385	32,183	21,133,891	3,572,747		
719,236	135,786	70,472	198,760	311,818	2,400	-----	1,263,015	1,245,444	8,242	8,879	450	3,272,009	2,008,994		
684,756	70,079	72,589	476,872	65,216	-----	-----	1,764,762	1,705,481	14,536	42,745	2,000	2,810,365	1,045,603		
1,391,236	168,673	178,896	644,554	336,315	46,512	16,286	13,539,057	13,269,416	56,109	213,632	-----	17,485,317	3,946,260		
78,809	6,000	6,057	43,408	19,600	-----	3,804	361,603	354,636	3,278	3,659	-----	547,902	186,299		
55,909	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		
1,457,750	12,000	2,885	27,740	13,115	160	-----	42,222	38,598	290	1,634	1,700	138,161	95,939		
45,124	246,599	225,793	780,808	201,003	3,579	-----	1,264,683	1,146,555	17,801	31,880	68,338	3,598,330	2,333,647		
126,946	58,388	5,380	37,244	-----	-----	-----	31,052	24,115	5,500	1,437	-----	93,370	62,318		
340,708	41,475	12,990	69,581	-----	1,200	1,700	188,103	150,424	23,093	13,981	-----	504,056	315,953		
337,107	6,508	38,898	118,478	165,257	1,816	10,311	802,185	728,950	19,125	56,110	-----	1,620,016	817,831		
-----	20,373	34,349	109,068	168,638	1,465	3,214	153,033	37,420	29,378	83,953	2,282	816,391	663,368		
8,598	-----	1,411	2,985	2,202	-----	-----	21,842	21,444	217	181	-----	36,577	14,735		
48,712	9,707	9,127	19,791	9,997	-----	-----	14,047	7,112	629	1,326	4,980	80,875	72,828		
158,706	14,034	11,840	84,892	45,326	-----	1,809	239,550	232,550	2,840	3,723	21	512,944	273,810		
76,676	3,000	5,563	64,339	3,773	-----	-----	48,122	42,904	1,628	3,650	-----	201,492	153,370		
707,192	112,400	85,388	315,098	243,624	9,074	1,008	896,593	824,280	55,368	16,845	-----	2,908,435	2,011,842		
46,386	-----	8,222	30,665	7,409	-----	-----	143,325	141,078	300	1,947	-----	265,790	122,465		
9,158,784	66,408	1,166,883	6,449,742	1,398,440	50,515	25,796	103,782,129	102,942,116	451,687	373,698	14,728	117,743,576	13,061,447		
105,117	19,674	10,546	61,127	13,770	-----	-----	96,027	96,363	1,600	8,064	-----	320,653	214,626		
16,783	-----	1,770	15,013	-----	-----	-----	21,465	20,298	177	990	-----	48,305	26,840		
3,150,321	261,910	690,670	1,159,474	845,204	187,057	-----	1,745,211	1,519,772	39,389	70,703	106,347	8,217,052	6,471,841		
9,332	-----	9,332	-----	-----	-----	-----	20,592	460	64	60	20,008	44,103	23,511		
466,669	49,970	49,490	100,853	256,465	2,691	1,200	989,384	955,718	13,859	19,657	150	2,355,502	1,366,118		
70,144	24,756	10,096	18,457	21,835	-----	-----	115,853	112,968	888	1,927	-----	233,598	117,745		
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		
242,534	43,686	70,815	90,920	37,113	-----	-----	132,030	122,438	3,395	5,083	1,109	606,336	474,306		
59,440	0,030	44,400	5,410	-----	-----	-----	234,163	3,786	-----	-----	230,377	335,045	100,882		
98,825	6,000	11,366	30,986	14,623	5,850	-----	712,481	685,476	25,244	1,761	-----	843,805	131,324		
53,979	6,760	3,378	32,270	11,565	-----	-----	15,504	10,683	-----	1,471	3,350	98,587	83,083		
505,180	63,800	52,675	292,535	90,807	-----	5,393	657,917	638,193	7,038	12,086	-----	1,339,977	682,060		
627,426	6,320	107,816	469,214	44,076	-----	-----	7,504,979	7,524,979	16,065	24,091	-----	8,807,209	1,242,230		
135,780	21,460	21,264	105,525	5,531	-----	-----	1,501,279	1,501,279	1,507	4,696	2,802	485,938	315,281		
377,844	11,407	73,678	216,661	73,997	-----	2,101	3,252,199	3,157,082	37,730	57,387	-----	4,341,159	1,039,900		
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		
27,448	5,763	-----	19,396	2,289	-----	-----	34,044	33,124	531	389	-----	76,290	42,246		
(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)		
291,524	44,110	36,546	166,088	43,880	-----	-----	859,190	847,548	3,621	7,294	727	1,614,530	755,340		
191,241	15,160	19,286	116,622	40,273	-----	-----	106,423	98,609	2,336	3,175	2,303	431,448	325,025		
24,401	2,815	2,955	15,198	3,433	-----	-----	18,021	17,637	124	260	-----	50,545	38,524		
25,414	-----	3,407	15,006	6,298	-----	703	89,759	85,677	410	663	-----	91,332	1,573		
223,540	18,499	16,546	169,861	18,634	-----	-----	602,716	596,154	2,122	4,440	-----	935,701	332,985		
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		

TABLE 8.—GENERAL STATISTICS FOR THE

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Pro- pri- etors and firm mem- bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS 1						
				Total 2	Salaried officers of corpo- rations 3	Manufacturing		Distri- bution	Con- struction	Other
						Salaried employ- ees 7	Wage earners (average for year) 8			
1	Other industries 4	162	84	6,022	142	661	4,687	446	23	63
	OTHER INDUSTRIES, BY INDUSTRY GROUPS 6									
2	1 Food and kindred products	28	9	1,698	15	215	1,349	94	6	19
3	4 Apparel and other finished products made from fabrics and similar ma- terials	14	7	381	12	55	294	19	1	
4	6 Furniture and finished lumber products	16	4	410	14	24	317	55		
5	7 Paper and allied products	8	1	387	14	33	309	31		
6	8 Printing, publishing, and allied industries	11	10	185	4	48	107	26		
7	9 Chemicals and allied products	11	1	168	14	22	101	31		
8	13 Stone, clay, and glass products	11	5	510	9	38	417	38	4	4
9	14 Iron and steel and their products, except machinery	7	8	249	8	27	202	6	6	
10	16 Electrical machinery	6	6	103	2	10	86	5		
11	17 Machinery (except electrical)	18	7	853	25	83	612	100		33
12	20 Miscellaneous industries	14	15	599	7	39	537	16		
	(10) Products of petroleum and coal	2								
13	11 Rubber products	2								
	12 Leather and leather products	5	11	479	18	67	350	25	6	7
	15 Nonferrous metals and their products	9								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

¹ See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

² Figures do not include data for personnel of central-administrative offices.

³ Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

NEBRASKA

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STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manu- facture ⁴
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and sup- plies	Fuel	Pur- chased electric energy	Contract work		
		Salaries ²	Wages										
<i>Dollars</i> 7,193,579	<i>Dollars</i> 629,079	<i>Dollars</i> 1,133,578	<i>Dollars</i> 4,487,842	<i>Dollars</i> 797,309	<i>Dollars</i> 33,804	<i>Dollars</i> 111,967	<i>Dollars</i> 37,520,844	<i>Dollars</i> 36,100,979	<i>Dollars</i> 957,264	<i>Dollars</i> 376,235	<i>Dollars</i> 92,366	<i>Dollars</i> 53,528,639	<i>Dollars</i> 16,001,795
2,042,685	87,394	405,732	1,355,948	125,389	7,472	60,750	9,964,169	9,402,608	481,588	79,973	-----	14,188,294	4,224,125
424,656	36,062	100,324	258,443	28,926	-----	-----	1,562,152	1,545,374	5,411	3,181	8,186	2,161,900	599,748
478,394	76,075	30,633	284,681	87,005	901	-----	744,905	720,683	3,320	20,549	353	1,665,180	920,275
523,857	116,030	60,179	274,772	72,876	-----	-----	995,528	973,012	10,435	11,549	532	1,916,493	920,965
240,791	13,125	53,659	111,853	62,154	-----	-----	406,949	317,130	3,140	8,282	78,397	895,893	488,944
303,681	53,835	38,538	109,717	101,591	-----	-----	1,139,413	1,086,172	18,368	34,873	-----	1,884,393	744,980
729,537	32,505	93,500	504,151	83,028	12,389	3,064	1,068,537	616,441	313,964	138,132	-----	3,219,894	2,151,357
253,616	48,143	33,551	160,870	7,964	3,088	-----	404,497	392,589	5,065	6,843	-----	942,586	538,089
110,262	4,200	9,003	92,410	4,049	-----	-----	343,314	330,505	3,500	9,309	-----	539,169	195,855
1,058,011	88,336	117,262	634,643	180,634	-----	37,136	1,382,888	1,330,711	25,628	22,450	4,069	3,498,550	2,115,662
386,831	20,582	43,157	312,479	10,613	-----	-----	636,902	624,748	4,684	7,560	-----	1,476,918	839,920
641,258	52,792	147,440	387,875	32,180	9,954	11,017	18,877,500	18,761,006	82,161	33,504	829	21,139,369	2,261,869

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

² Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

³ For numbers of establishments and of wage earners in individual industries, see table 10.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,161	548		3	26	13	39	8	276	53	11	2	9	46	22	19	6	44	4	4	28
Adams	33	13		1	1	1	1		4					4		2	1	5			
Antelope	9	7							2												
Boone	6	3							3												
Box Butte	13	8							1		3		1								
Brown	7	6							1												
Buffalo	20	11							5					1			1	2			
Burt	8	4							4												
Butler	5	3							2												
Cass	9	4							1					3						1	
Cedar	5	2							3												
Chase	4	2							2												
Cherry	3	2							1												
Cheyenne	11	8							1		1							1			
Clay	3	2							1												
Colfax	8	4							4												
Cuming	5	4							1												
Custer	9	5							4												
Dakota	2	1					1														
Dawes	18	10							4	1	3										
Dawson	16	12							4												
Dixon	2																				
Dodge	31	16			1				2					2	1			1			
Douglas	387	119		1	18	3	30	7	80	30	2	2	5	21	15	11	3	16	3	3	18
Dundy	3	2							1												
Fillmore	5	3							2												
Franklin	5	3																			
Frontier	2	2							1	1											
Furnas	5	3							2												
Gage	25	14					1		5					1	1	2		1			
Garden	2	1							1												
Garfield	1	1																			
Greeley	4	4																			
Hall	26	17				1			4	2				1				1			
Hamilton	3	1							2												
Harlan	4	3							1												
Hitchcock	3	2																1			
Holt	10	7							3												
Hooker	1					1															
Howard	6	4							1												
Jefferson	14	8							4					1				1			1
Johnson	5	3							1	1											
Kearney	6	2							2									1			1
Keith	4	2							1												
Kaya Paha	1	1																			
Kimball	2	1							1												
Knox	10	6							2												
Lancaster	125	37			5	3	4	1	41	7			2	8	3	3		2	5	1	5
Lincoln	18	13							4												1
Madison	22	17							4									1			
Merrick	9	6							2									1			
Morrill	3	1																			
Nance	3	2							2												
Nemaha	4	3							1												
Nuckolls	11	7					1		1												
Otoe	16	12			1				2	1				1	1						
Pawnee	5	3							2												
Perkins	2	1							1												
Phelps	11	7							2												
Pierce	4	3							1									2			
Platte	17	10							3	1			1					1			
Red Willow	10	7							1	1											
Richardson	15	13							2												
Rock	3	2							1												
Saline	12	8					1		2						1						
Sarpy	6	1							3	2											
Saunders	13	7																			
Scotts Bluff	31	21				1			3	1	1			1	1	1					
Seward	8	5				1			2												
Sheridan	8	5							2		1										
Sherman	3	2							1												
Sioux	1																				
Stanton	4	1							1												
Thayer	6	2							2	1								1			
Thurston	1								1												
Valley	5	4							1												
Washington	6	3																			
Wayne	5	3							3												
Webster	3	1		1					2												
York	0	5							1									1			

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND FOR ALL INDUSTRIES FOR THE CITY OF OMAHA—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939

(In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld)

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
STATE OF NEBRASKA				STATE OF NEBRASKA—Continued			
1	Beet sugar.....	7	678	14	Automobile stampings.....	1	-----
	Blended and prepared flour made from purchased flour.....	1	-----		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----
	Canned and dried fruits and vegetables (including canned soups).....	4	258		Hardware not elsewhere classified.....	1	-----
	Cereal preparations.....	2	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	1	-----
	Cheese.....	1	-----		Tin cans and other tinware not elsewhere classified.....	1	-----
	Condensed and evaporated milk.....	4	15		Tools (except edge tools, machine tools, files, and saws).....	1	-----
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	2	-----		Wirework not elsewhere classified.....	1	-----
	Macaroni, spaghetti, vermicelli, and noodles.....	2	-----	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	2	-----
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	-----		Electroplating, plating, and polishing.....	1	-----
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	3	35		Engraving on metal (except for printing purposes).....	1	-----
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	-----		Jewelry (precious metals).....	2	-----
	Dress and semidress gloves and mittens: Cloth, cloth and leather combined.....	1	-----		Nonferrous-metal foundries (except aluminum).....	1	-----
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	-----		Nonferrous-metal products not elsewhere classified.....	1	-----
	Men's and boys' hats and caps (except felt and straw).....	1	-----		Primary smelting and refining of nonferrous metals.....	1	-----
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	2	-----	16	Automotive electrical equipment.....	1	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----		Batteries, storage and primary (dry and wet).....	2	-----
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	2	-----		Electrical products not elsewhere classified.....	1	-----
	Miscellaneous fabricated textile products, not elsewhere classified.....	1	-----		Radios, radio tubes, and phonographs.....	2	-----
	Textile bags—not made in textile mills.....	1	-----	17	Agricultural machinery (except tractors).....	4	162
	Trimings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	2	-----
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----		Construction and similar machinery (except mining and oil-field machinery and tools).....	1	-----
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	-----		Food-products machinery.....	2	-----
6	Baskets for fruits and vegetables.....	1	-----		Industrial machinery, not elsewhere classified.....	1	-----
	Household furniture, except upholstered.....	2	-----		Internal-combustion engines.....	1	-----
	Partitions, shelving, cabinet work, and office and store fixtures.....	6	205		Measuring and dispensing pumps.....	2	-----
	Public-building furniture.....	1	-----		Pumping equipment and air compressors.....	2	-----
	Venetian blinds.....	1	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	98
	Window shades.....	1	-----	20	Brooms.....	5	313
	Wooden boxes except cigar boxes.....	3	67		Brushes.....	2	-----
	Wood products not elsewhere classified.....	1	-----		Dental equipment and supplies.....	1	-----
7	Coated and glazed paper.....	1	-----		Feathers, plumes, and artificial flowers.....	1	-----
	Converted paper products not elsewhere classified.....	1	-----		Hand stamps, stencils, and brands.....	2	-----
	Die-cut paper and paperboard, and converted cardboard.....	2	-----		Miscellaneous fabricated products not elsewhere classified.....	1	-----
	Envelopes.....	2	-----		Models and patterns (except paper patterns).....	2	-----
	Paperboard containers and boxes not elsewhere classified.....	3	199	CITY OF OMAHA 1			
8	Books: printing without publishing.....	2	-----	1	Biscuit, crackers, and pretzels.....	4	198
	Books: publishing and printing.....	2	-----		Blended and prepared flour made from purchased flour.....	1	-----
	Books: publishing without printing.....	2	-----		Bread and other bakery products (except biscuit, crackers, and pretzels).....	36	989
	Electrotyping and stereotyping, not done in printing establishments.....	1	-----		Cereal preparations.....	2	-----
	Engraving (steel, copperplate, and wood); plate printing.....	2	-----		Condensed and evaporated milk.....	1	-----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	-----		Creamery butter.....	7	169
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	32		Flavoring extracts and flavoring sirups, not elsewhere classified.....	2	-----
	Fertilizers.....	1	-----		Flour and other grain-mill products.....	3	190
	Lubricating oils and greases—not made in petroleum refineries.....	1	-----		Food preparations, not elsewhere classified.....	4	36
	Perfumes, cosmetics, and other toilet preparations.....	2	-----		Ice cream and ices.....	7	40
	Soap and glycerin.....	1	-----		Ice, manufactured.....	7	36
	Soybean oil, cake, and meal.....	2	-----		Macaroni, spaghetti, vermicelli, and noodles.....	1	-----
10	Fuel briquets.....	2	-----		Malt liquors.....	3	236
11	Rubber products not elsewhere classified.....	2	-----		Meat packing, wholesale.....	13	4,599
12	Boot and shoe cut stock and findings.....	1	-----		Nonalcoholic beverages.....	9	50
	Footwear (except rubber).....	3	119		Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	-----
	Industrial leather belting and packing leather.....	1	-----		Poultry dressing and packing, wholesale.....	5	147
13	Cement.....	2	-----		Prepared feeds (including mineral) for animals and fowls.....	4	64
	Minerals and earths, ground or otherwise treated.....	2	-----	3	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	2	-----
	Mineral wool.....	1	-----		Cloth sponging and miscellaneous special finishing.....	1	-----
	Mirrors and other glass products made of purchased glass.....	1	-----	4	Canvas products (except bags).....	2	-----
	Pottery products not elsewhere classified.....	1	-----		Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	-----
	Statuary and art goods (except stone and concrete)—factory production.....	1	-----		Fur coats and other fur garments, accessories, and trimmings.....	2	-----
	Steam and other packing; pipe and boiler covering.....	1	-----		Men's and boys' hats and caps (except felt and straw).....	1	-----
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	2	-----		Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1	-----
					Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----
					Men's neckwear—made in inside factories or by jobbers engaging contractors.....	2	-----
					Miscellaneous fabricated textile products not elsewhere classified.....	1	-----
					Textile bags—not made in textile mills.....	1	-----
					Trimings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	-----
					Trousers (semidress), wash suits, and washable service apparel.....	4	49
					Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	-----

See footnote at end of table.

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND FOR ALL INDUSTRIES FOR THE CITY OF OMAHA—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939—Con.

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF OMAHA ² —Continued				CITY OF OMAHA ² —Continued			
5	Planing mills not operated in conjunction with sawmills	3	93	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	36
6	Baskets for fruits and vegetables	1			Statuary and art goods (except stone and concrete)—factory production	1	
	Caskets, coffins, burial cases, and other morticians' goods	4	35		Steam and other packing; pipe and boiler covering	1	
	Cooperage	3	58		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	Household furniture, except upholstered	2		14	Automobile stampings	1	
	Mattresses and bedsprings	3	42		Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	5	
	Partitions, shelving, cabinet work, and office and store fixtures	5	60		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	368
	Upholstered household furniture	7	55		Gray-iron and semisteel castings	2	
	Window shades	1			Power boilers and associated products	3	73
	Wooden boxes except cigar boxes	3	68		Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Wood products not elsewhere classified	1			Tin cans and other tinware not elsewhere classified	1	
7	Coated and glazed paper	1			Wirework not elsewhere classified	1	
	Converted paper products not elsewhere classified	1		15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	1			Electroplating, plating, and polishing	1	
	Envelopes	2			Engraving on metal (except for printing purposes)	1	
	Paperboard containers and boxes not elsewhere classified	2			Jewelry (precious metals)	2	
8	Bookbinding and related industries	5	24		Nonferrous-metal foundries (except aluminum)	1	
	Books: publishing without printing	1			Nonferrous-metal products not elsewhere classified	1	
	Electrotyping and stereotyping, not done in printing establishments	1			Primary smelting and refining of nonferrous metals	1	
	Engraving (steel, copperplate, and wood); plate printing	2			Sheet-metal work not specifically classified	3	88
	General commercial (job) printing	46	336	16	Automotive electrical equipment	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2			Batteries, storage and primary (dry and wet)	1	
	Machine and hand typesetting (including advertisement typesetting)	3	9		Radios, radio tubes, and phonographs	1	
	Newspapers: publishing and printing	8	287	17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Newspapers: publishing without printing	3			Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Periodicals: publishing and printing	3	25		Food-products machinery	1	
	Periodicals: publishing without printing	3			Industrial machinery, not elsewhere classified	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2			Machine-shop products, not elsewhere classified	5	36
9	Cleaning and polishing preparations, blackings, and dressings	5	10		Machine-shop repairs	5	34
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	32		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Drugs and medicines (including drug grinding)	8	54	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	14
	Fertilizers	1			Cars and car equipment—railroad, street, and rapid-transit	3	48
	Insecticides, fungicides, and related industrial and household chemical compounds	2		20	Brooms	1	
	Lubricating oils and greases—not made in petroleum refineries	1			Brushes	2	
	Paints, varnishes, and lacquers	3	9		Dental equipment and supplies	1	
	Perfumes, cosmetics, and other toilet preparations	2			Feathers, plumes, and artificial flowers	1	
	Soap and glycerin	1			Hand stamps, stencils, and brands	2	
	Soybean oil, cake, and meal	1			Miscellaneous fabricated products not elsewhere classified	1	
10	Fuel briquets	2			Models and patterns (except paper patterns)	2	
12	Boot and shoe cut stock and findings	1			Signs, advertising displays, and advertising novelties	4	88
	Footwear (except rubber)	2			Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	15
	Industrial leather belting and packing leather	1					
	Saddlery, harness, and whips	1					
13	Concrete products	9	82				
	Minerals and earths, ground or otherwise treated	1					
	Mineral wool	1					
	Mirrors and other glass products made of purchased glass	1					

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.² See footnote 10, table 2.