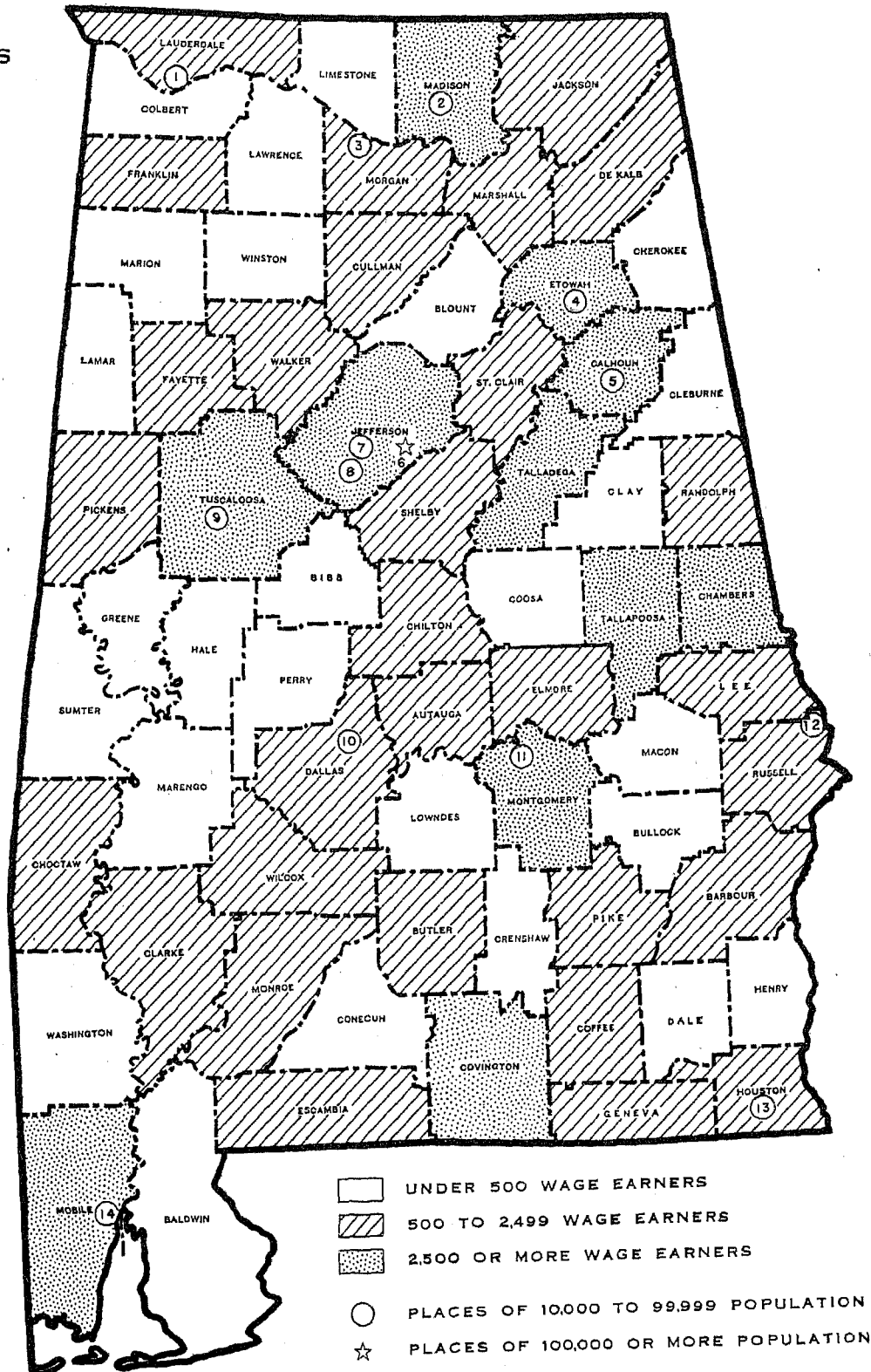

REPORTS FOR STATES

ALABAMA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ANNISTON 5
 BESSEMER 8
 BIRMINGHAM 6
 DECATUR 3
 DOTHAN 13
 FAIRFIELD 7
 FLORENCE 1
 GADSDEN 4
 HUNTSVILLE 2
 MOBILE 14
 MONTGOMERY 11
 PHENIX CITY 12
 SELMA 10
 TUSCALOOSA 9



ALABAMA

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	2,052	1,542	125,500	\$109,687,189	\$327,287,079	\$574,670,690	\$247,383,611
1937	1,874	1,298	129,133	114,569,173	336,327,661	573,763,522	237,435,861
1929	2,789	2,155	121,484	113,998,383	292,121,090	536,881,629	244,760,530

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	2,832,961	2,052	116,800	\$92,017,970	\$327,287,079	\$574,670,690	\$247,383,611
COUNTIES ⁴							
Autauga	20,977	12	643	377,764	501,497	1,278,039	776,542
Baldwin	32,324	45	321	194,285	707,393	1,388,570	681,177
Barbour	32,722	41	1,482	729,622	1,339,121	2,617,254	1,278,133
Bibb	20,155	11	251	90,916	205,826	570,537	370,711
Bloom	29,490	15	232	149,049	340,130	618,587	278,427
Bullock	19,810	11	327				
Butler	32,447	15	1,015	535,718	978,537	1,808,280	889,749
Calhoun	63,319	65	6,081	4,683,262	10,916,448	21,077,623	10,161,175
Chambers	42,146	21	6,901				
Cherokee	19,928	21	224	111,517	299,544	548,155	248,611
Chilton	27,955	28	601	295,580	524,112	1,096,046	571,934
Choctaw	20,195	28	644	299,285	503,633	1,092,202	588,569
Clarke	27,636	30	1,087	508,347	725,319	1,838,751	1,113,432
Clay	16,907	17	176	73,227	289,052	446,854	157,802
Cleburne	13,629	7	206	114,030	416,359	718,338	301,979
Coffee	31,987	11	619	307,072	1,750,209	2,389,209	633,000
Cullbert	34,093	21	486	331,294	1,364,107	2,323,707	969,660
Conecuh	25,489	11	208	97,407	192,321	403,738	211,417
Cosa	13,460	8	376	181,876	403,754	828,362	424,608
Covington	42,417	43	3,389	1,775,686	4,954,231	8,026,041	3,071,810
Crenshaw	23,631	5	70	31,684	150,403	236,997	80,594
Cullman	47,343	22	636	350,909	1,287,809	2,040,727	762,018
Dale	22,685	12	400	165,531	680,982	1,039,897	358,015
Dallas	55,245	39	997	497,402	3,349,150	4,633,126	1,283,976
De Kalb	43,075	17	929	550,939	940,230	1,768,276	828,046
Elmore	34,546	17	696	440,636	842,071	1,719,395	877,324
Escambia	30,671	20	1,298	801,654	1,373,354	3,024,924	1,651,570
Etowah	72,580	52	8,835	8,459,163	29,775,564	53,401,061	23,625,497
Fayette	21,651	25	640	371,080	1,090,133	1,850,145	781,012
Franklin	27,552	12	519	348,467	783,179	1,653,519	870,340
Geneva	29,172	8	600	328,088	920,974	1,464,750	543,776
Greene	19,185	6	119	63,709	48,200	189,100	140,900
Hale	25,533	10	248	92,428	136,624	509,085	372,461
Henry	21,912	14	132	65,756	619,872	780,800	160,928
Houston	45,665	36	671	411,342	3,135,318	4,791,912	1,656,594
Jackson	41,802	21	974	538,119	1,274,419	2,512,838	1,238,419
Jefferson	459,930	383	28,921	33,190,010	150,819,105	256,659,263	105,840,158
Lamar	19,708	13	123	62,908	458,080	639,914	181,234
Lauderdale	46,230	22	844	535,790	1,786,349	2,926,139	1,139,700
Lawrence	27,880	1					
Lee	36,455	29	1,534	972,707	2,582,253	4,748,795	2,166,542
Limestone	35,642	9	55	35,584	73,193	181,245	108,082
Lowndes	22,661	21	325	122,841	235,141	503,137	267,996
Macon	27,654	9	152	59,523	186,693	424,853	238,245
Madison	66,317	20	2,959	1,902,194	4,072,518	7,642,455	2,969,937
Marengo	35,736	15	478	231,519	490,324	1,073,110	582,795
Marion	28,776	10	434				
Marshall	42,395	25	1,061	618,848	1,073,027	2,194,164	1,121,137
Mobile	141,974	158	8,810	7,058,086	24,771,706	47,179,785	22,408,079
Monroe	29,465	17	758	394,175	832,042	1,803,974	951,332

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 ⁴	Value added by manu- facture ⁵
COUNTIES ⁶ —continued							
Montgomery.....	114,420	114	3,360	\$2,208,415	\$13,763,828	\$21,047,635	\$7,283,807
Morgan.....	48,148	31	2,390	2,090,177	4,800,106	8,527,362	3,721,256
Perry ⁶	26,010	7	299				
Pickens.....	27,671	20	718	380,002	706,577	1,287,874	581,297
Pike.....	32,493	24	544	266,797	2,230,411	3,073,286	842,875
Randolph.....	25,516	17	1,100	600,777	1,782,886	3,052,163	1,269,277
Russell.....	35,775	37	580	293,707	537,901	1,321,954	784,053
St. Clair ⁶	27,336	12	1,046				
Shelby.....	28,962	20	1,207	711,217	1,241,047	2,574,988	1,333,941
Sumter.....	27,321	14	470	243,870	346,892	1,084,784	737,802
Talladega.....	51,832	48	4,849	3,034,539	8,327,611	13,364,285	5,036,674
Tallapoosa.....	35,270	40	5,336	3,355,579	7,480,966	12,720,928	5,233,962
Tuscaloosa.....	76,036	57	3,104	2,411,569	9,208,388	14,461,290	5,252,902
Walker.....	64,201	26	727	476,020	1,046,707	1,954,617	907,910
Washington.....	16,188	27	498	230,014	482,116	1,007,261	525,145
Wilcox.....	26,279	18	637	291,381	437,378	974,300	536,982
Winston.....	18,746	18	436	229,519	411,953	784,237	372,284
Undistributed ⁷		62	9,010	5,632,867	13,657,921	30,703,942	17,046,021
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anniston.....	25,523	48	3,708	2,769,095	5,637,935	11,296,791	5,658,856
Bessemer.....	22,826	17	2,004	2,049,191	8,269,048	16,434,042	8,164,904
Birmingham.....	267,583	302	12,071	11,834,793	52,261,924	91,104,272	38,842,348
Decatur.....	16,604	27	2,348	2,067,912	4,731,297	8,401,789	3,670,492
Dothan.....	17,194	20	655	400,815	3,079,001	4,680,811	1,601,810
Fairfield ⁸	11,708	6	190				
Florence.....	15,043	19	794	514,815	1,751,826	2,842,881	1,091,055
Gadsden.....	30,975	33	8,317	8,050,037	28,961,436	51,738,675	22,777,239
Huntsville ⁸	13,050	17	133				
Mobile.....	78,720	93	3,107	2,601,908	10,980,017	23,622,407	12,642,390
Montgomery ⁸	78,084	107	2,507				
Phenix City.....	15,351	9	64	28,365	93,525	188,482	94,957
Selma.....	19,834	23	636	333,132	2,891,465	3,811,516	920,051
Tuscaloosa.....	27,493	28	598	353,380	1,530,634	2,790,784	1,260,150

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 10.

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

⁷ 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.

⁸ 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	139,907	121,398	Salaried officers and employees—Continued.		
Male	113,392	103,713	All other employees, etc.—Continued.		
Female	26,605	17,685	Engaged in manufacturing:		
Salaried officers and employees, total	13,692	9,854	Male	6,500	
Male	11,733	8,454	Female	1,340	
Female	1,959	1,400	Engaged in distribution:		
Salaried officers of corporations, total	860	1,004	Male	3,389	
Male	792	1,059	Female	499	(³)
Female	68	35	Engaged in construction		
All other employees (except wage earners in manufactur- ing), total	12,832	8,760	Male	543	
Male	10,941	7,395	Engaged in other work:		
Female	1,891	1,365	Male	509	
			Female	52	
			Wage earners engaged in manufacturing, total	126,215	111,544
			Male	101,569	95,259
			Female	24,646	16,285

¹ See headnote.

² Figures do not include data for 1,542 proprietors and firm members for 1939 and 2,155 for 1929, which were not reported by sex for 1939.

³ No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1929, 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	116,800	112,651	113,255	115,321	114,767	112,134	112,069	113,271	115,327	119,713	123,057	124,867	125,145
1937	120,301	117,531	119,826	122,067	124,464	123,366	124,925	122,104	122,486	121,124	118,338	118,589	111,764
1929	111,630	110,651	111,193	112,879	112,457	109,830	110,270	111,691	112,978	112,500	113,061	111,689	110,974

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 ESTABLISH- MENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
	1939	1929	1939	1929	1939	1939
All establishments	2,052	2,789	116,800	111,630	\$574,670,690	\$247,383,611
No wage earners	29	22				
1 to 5	671	1,529	1,869	6,792	469,336	174,414
6 to 20	674	564	7,738	6,093	14,102,103	6,769,990
21 to 50	202	286	9,530	9,542	31,081,461	14,959,085
51 to 100	161	161	11,372	11,976	46,033,143	17,787,310
101 to 250					54,035,021	20,879,203
251 to 500	125	135	20,984	21,072	94,166,022	42,540,006
501 to 1,000	58	54	19,497	17,902	87,642,955	36,511,049
1,001 to 2,500	28	26	20,718	17,980	92,199,824	40,070,461
2,501 or more	12	12				
	2		25,073	18,983	154,900,825	67,792,093

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.....	2,052	2,789	116,800	111,630	\$574,670,690	\$536,881,629	\$247,383,611	\$244,760,539
\$5,000 to \$19,999.....	792	1,418	4,606	7,171	8,401,862	13,463,299	5,045,107	8,821,135
\$20,000 to \$49,999.....	445	483	5,224	5,717	14,235,876	15,257,605	7,674,260	9,136,953
\$50,000 to \$99,999.....	216	259	4,620	5,418	15,066,304	18,368,759	7,368,003	9,453,299
\$100,000 to \$249,999.....	267	273	11,158	11,053	39,755,030	42,920,738	19,063,846	20,357,172
\$250,000 to \$499,999.....	139	137	13,868	13,564	48,545,880	48,927,093	20,667,398	23,459,626
\$500,000 to \$999,999.....	101	108	17,309	17,771	69,331,317	75,288,371	28,432,212	32,900,133
\$1,000,000 to \$2,499,999.....	61	69	22,693	19,800	93,272,243	98,909,507	38,478,380	43,109,610
\$2,500,000 to \$4,999,999.....	24	28	13,124	13,081	81,413,704	94,852,971	35,623,998	40,320,687
\$5,000,000 and over.....	18	14	24,197	18,055	204,618,474	128,884,196	85,130,407	57,201,915

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.....	2,052	2,789	116,800	111,630	\$574,670,690	\$536,881,629	\$247,383,611	\$244,760,539
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	185	(⁴)	75,983	(⁴)	429,841,165	(⁴)	181,592,088	(⁴)
Independent (single-unit).....	387	(⁴)	23,425	(⁴)	90,587,301	(⁴)	40,539,549	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	133	(⁴)	3,749	(⁴)	13,184,034	(⁴)	5,658,407	(⁴)
Independent (single-unit).....	1,047	(⁴)	13,643	(⁴)	41,058,190	(⁴)	19,593,567	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	618	397	79,732	57,474	443,025,199	335,227,302	187,250,495	142,777,708
Independent (single-unit), corporate and noncorporate.....	1,434	2,392	37,068	54,156	131,645,491	201,654,327	60,133,116	101,982,831
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	872	963	99,408	93,002	520,428,466	482,595,871	222,131,637	216,955,332
Noncorporate, total.....	1,180	1,826	17,392	18,628	54,242,224	54,285,758	25,251,974	27,805,207
Individual.....	840	(⁴)	10,098	(⁴)	26,670,481	(⁴)	12,914,373	(⁴)
Partnership.....	333	(⁴)	7,260	(⁴)	27,400,334	(⁴)	12,220,772	(⁴)
Cooperative.....	0		34		171,409		116,829	
Other.....	1							

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.

CENSUS OF MANUFACTURES: 1939

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 larger

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Pro-prietors and firm mem-bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total	Sala-ried of-ficers of cor-pora-tions ²	Manufacturing		Distri-bution	Con-struc-tion	Other
						Salaried employ-ees ³	Wage earners (average for year) ³			
1	All industries, total.....	2,052	1,542	130,492	860	7,840	116,800	3,888	543	561
2	6 Baskets for fruits and vegetables.....	3	1	119	2	5	110	2		
3	16 Batteries, storage and primary (dry and wet).....	3	4	32		1	24	7		
4	1 Biscuit, crackers, and pretzels.....	6	5	402	3	8	342	52		
5	14 Blast-furnace products.....	7		2,393		169	2,224			
6	1 Blended and prepared flour made from purchased flour.....	5	3	45		4	28	13		
7	8 Bookbinding and related industries.....	5	4	38	2	5	28	3		
8	8 Books: printing without publishing.....	4	1	32	7	8	56	11		
9	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	80	69	2,683	20	149	1,633	209	8	49
10	13 Brick and hollow structural tile.....	20	10	925	14	51	846	10	4	
11	20 Brooms.....	7	7	103		8	94	1		
12	1 Candy and other confectionery products.....	3	5	139	1	6	104	25		3
13	1 Canned fish, crustacea, and mollusks.....	8	1	193	1	4	187	1		
14	6 Caskets, coffins, burial cases, and other morticians' goods.....	12	8	266	9	28	212	17		
15	14 Cast-iron pipe and fittings.....	24	1	8,441	25	457	7,847	78	6	28
16	13 Cement.....	8		1,210	5	107	1,033	45	20	
17	1 Cheese.....	3	1	15	1	3	9	2		
18	9 Chemicals not elsewhere classified.....	5	1	1,047		175	745	3	124	
19	13 Clay refractories, including refractory cement (clay).....	4	1	254		17	235	1		1
20	9 Coal-tar products, crude and intermediate.....	3		166		9	155		2	
21	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7		99		12	62	25		
22	13 Concrete products.....	23	11	243	3	21	216	3		
23	6 Cooperage.....	5	2	113	1	7	104		1	
24	3 Cordage and twine.....	4		963	6	57	896	4		
25	3 Cotton broad woven goods.....	50	13	29,539	30	800	28,326	97	3	283
26	9 Cottonseed oil, cake, meal, and linters.....	28	5	1,486	25	142	1,226	73	12	8
27	3 Cotton yarn.....	23		5,613	14	122	5,426	15		36
28	1 Creamery butter.....	3	1	20		4	13	3		
29	9 Drugs and medicines (including drug grinding).....	3	3	7	3		4			
30	6 Excelsior.....	3	1	34	2	4	28			
31	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	16	6	1,230	17	153	981	75	2	2
32	9 Fertilizers.....	42	15	1,407	26	112	1,129	123	15	
33	1 Flavoring extracts and flavoring sirups, not elsewhere classified.....	3	1	49	1	10	25	13		
34	1 Flour and other grain-mill products.....	11	11	67	2	3	46	18		
35	1 Food preparations, not elsewhere classified.....	17	12	418	14	33	269	110	2	
36	8 General commercial (job) printing.....	62	58	505	30	69	348	58		
37	14 Gray-iron and semisteel castings.....	18	14	500	5	33	454	8		
38	9 Gum naval stores (processing but not gathering or warehousing).....	68	72	163	5	70	87	1		
39	3 Hosiery—full-fashioned.....	6		1,146	2	52	1,092			
40	3 Hosiery—seamless.....	6		1,236	23	31	1,178	4		
41	6 Household furniture, except upholstered.....	7	10	145	2	18	120	5		
42	1 Ice cream and ices.....	37	18	503	27	48	194	224	7	3
43	1 Ice, manufactured.....	107	69	747	32	77	296	313	16	13
44	9 Insecticides, fungicides, and related industrial and household chemical com-pounds.....	6	2	46	4	6	24	12		
45	3 Knitted underwear.....	6		1,681	21	58	1,582	15		5
46	13 Lime.....	9	2	512	6	19	475	12		
47	5 Logging camps and logging contractors (not operating sawmills).....	33	39	322		2	320			
48	17 Machine-shop products, not elsewhere classified.....	12	10	469	11	51	402	5		
49	17 Machine-shop repairs.....	25	21	146	12	20	110	4		
50	6 Mattresses and bedsprings.....	14	14	222	10	9	187	36		
51	1 Meat packing, wholesale.....	16	15	903	10	75	620	160	27	21
52	4 Men's and boys' shirts (except work shirts), collars and nightwear—made in inside factories or by jobbers engaging contractors.....	4		1,601	8	37	1,549	7		
53	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	13	9	414	9	43	348	14		
54	18 Motor vehicles, motor-vehicle bodies, parts and accessories.....	5	3	93	5	15	86	9		
55	8 Newspapers: publishing and printing.....	82	81	1,553	39	493	714	304	2	1
56	8 Newspapers: publishing without printing.....	3	3	17		12		5		
57	1 Nonalcoholic beverages.....	90	109	1,277	33	112	452	659	2	19
58	10 Oven coke and coke-oven byproducts.....	6		1,565		111	1,451		3	
59	9 Paints, varnishes, and lacquers.....	3		130	8	8	48	56	8	2
60	7 Paper bags, except those made in paper mills.....	3		1,153	2	48	1,101	2		
61	10 Paving blocks and paving mixtures: asphalt, creosoted wood, and composi-tion.....	6		144	2	12	128	1	1	
62	9 Perfumes, cosmetics, and other toilet preparations.....	3	2	24	2	3	14	5		
63	8 Periodicals: publishing without printing.....	9	2	66	11	35	18	2		
64	8 Photoengraving, not done in printing establishments (including prepara-tion of plates).....	7	2	44	8	5	31			
65	5 Planing mills not operated in conjunction with sawmills.....	87	98	2,292	22	165	2,030	61	1	13
66	14 Power boilers and associated products.....	7	4	618	8	79	420	11		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

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 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			
		Salaries	Wages											
\$115,854,134	\$3,745,340	\$13,923,873	\$92,017,070	\$5,029,470	\$696,063	\$441,412	\$327,287,079	\$295,904,175	\$20,454,685	\$9,542,071	\$1,386,148	\$574,670,690	\$247,383,611	1
48,684	5,232	4,778	38,173	506			34,337	34,170	90	77		105,368	71,031	2
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)	3
3,045,003		369,080	2,676,923				28,177,163	18,736,613	9,322,179	118,471		37,085,389	8,908,226	4
40,073		4,876	16,017	19,180			877,987	876,204	21	1,762		1,028,163	160,176	5
72,625	18,615	10,170	31,805	12,035			25,123	23,534	385	1,204		146,586	121,463	7
158,418	19,377	13,040	87,772	38,228			128,872	121,105	941	3,762		375,826	246,054	8
2,074,218	101,507	234,345	1,448,689	228,759	18,651	44,207	3,953,709	3,758,880	92,660	82,263	3,064	8,607,617	4,673,008	9
635,599	58,521	78,820	478,734	16,724	2,800		534,252	56,554	357,666	81,032		1,749,798	1,215,546	10
52,290		8,122	42,068	1,500			122,907	121,264	112	1,531		195,863	72,060	11
90,788	4,800	8,708	52,075	15,614	8,673	918	231,093	226,439	3,664	1,890		367,188	135,195	12
61,188		2,870	56,443	1,000			303,585	298,385	4,047	1,163		473,042	160,457	13
250,044	39,739	39,884	125,811	50,610			441,872	435,829	609	5,434		918,063	476,101	14
8,738,018	138,928	906,942	7,490,057	122,618	12,878	67,406	12,982,208	11,662,060	966,034	354,114		30,062,008	17,679,800	15
1,612,224	63,943	243,348	1,178,270	99,579	27,084		3,136,216	1,652,609	788,593	665,018		7,989,177	4,852,961	16
14,308	2,260	3,078	7,970	1,000			148,756	143,371	1,903	3,482		192,685	43,920	17
(9)	(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)		(9)	(9)	18
200,254		27,968	171,286	600		400	268,288	185,871	70,397	3,020		650,838	382,550	19
221,484		25,528	183,175		12,781		2,027,953	1,961,609	56,164	9,168	952	3,017,024	989,071	20
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)	21
206,605	7,860	35,066	159,039	3,800			729,179	717,362	3,641	8,176		1,323,637	594,458	22
(9)	(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)		(9)	(9)	23
608,497	11,040	100,018	584,024	3,415			1,617,473	1,401,907	10,258	97,355	7,838	2,794,736	1,277,263	24
10,728,500	154,247	1,486,923	17,849,007	73,797	3,645	160,880	40,237,345	37,369,494	347,374	2,520,477		76,044,582	34,807,237	25
1,037,068	74,627	224,799	638,455	76,853	20,355	4,479	9,138,552	8,875,090	129,370	134,082		10,756,520	1,617,168	26
3,549,185	54,653	206,961	3,259,945	17,546		10,075	8,244,678	7,648,018	53,125	517,780	25,755	14,077,102	5,832,424	27
(9)	(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)		(9)	(9)	28
7,492	4,625		2,867				10,160	10,065	35	60		35,868	25,708	29
25,263	900	5,518	18,845				22,410	17,833	3,001	1,585		52,411	29,992	30
1,443,460	121,491	201,117	917,985	134,857	5,010	3,000	4,485,011	4,419,485	8,727	56,799		7,854,210	3,360,109	31
823,252	61,676	157,381	519,883	77,552	3,745	3,015	6,758,443	6,672,179	6,676	79,589		9,453,063	2,694,620	32
(9)	(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)		(9)	(9)	33
58,028	10,600	4,400	25,343	17,685			457,499	448,195	3,093	6,211		627,022	169,523	34
377,202	83,745	42,770	109,020	136,007	5,060		2,652,357	2,601,809	11,178	7,870	31,500	3,431,546	779,189	35
623,144	86,421	97,964	389,157	58,612			637,012	588,447	4,691	23,383	20,501	1,739,960	1,102,964	36
394,667	18,679	64,300	296,288	15,400			389,161	328,822	39,192	17,362	3,785	1,039,154	649,993	37
71,725	10,800	31,097	25,428	4,400			886,315	879,549	5,484	416	866	1,238,532	352,217	38
1,261,279	17,800	81,738	1,161,741	9,648			1,470,487	1,431,309	5,979	25,606	7,693	3,079,599	1,609,112	39
775,075	45,029	36,193	684,805	9,648			1,019,042	984,191	19,185	14,294	2,272	2,069,764	1,049,822	40
79,781	5,266	14,296	52,265	7,954			129,467	124,702	1,172	2,500	1,093	248,212	118,745	41
580,271	106,324	65,382	159,968	241,279	4,321	2,997	1,439,777	1,339,933	16,531	83,313		2,719,788	1,280,011	42
617,335	67,385	91,860	238,798	203,179	5,865	10,318	511,806	110,028	51,423	250,355		1,665,048	1,263,842	43
63,577	24,700	10,489	19,601	8,787			130,828	119,263	2,641	4,599	4,325	261,485	130,657	44
967,870	28,969	72,504	836,260	27,562		2,575	2,175,435	2,122,960	26,813	25,662		3,488,533	1,313,098	45
401,160	34,009	29,534	324,115	12,902			609,379	322,399	249,885	37,095		1,155,633	546,254	46
144,440		2,360	142,080				258,619	185,511	4,940			514,644	256,025	47
578,285	69,084	94,510	404,633	10,158			690,069	622,751	22,852	14,604	68,168	2,045,333	1,355,264	48
182,305	21,026	18,018	139,642	3,619			131,881	120,547	1,407	9,567	29,862	457,709	325,828	49
253,320	34,202	14,263	143,828	61,027			703,728	693,014	2,677	8,037		1,170,986	467,258	50
1,017,711	91,500	140,948	579,609	184,024	23,367	18,263	9,879,789	9,769,576	39,280	66,910	4,023	11,239,523	1,359,734	51
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)	52
463,872	33,865	63,064	340,294	26,649			339,655	282,567	2,603	46,530	7,955	1,097,104	757,449	53
95,484	9,744	18,176	56,254	10,625	685		206,173	201,624	360	4,189		367,224	161,051	54
2,459,735	260,934	817,865	985,536	392,148	2,640	624	1,564,417	1,480,609	13,484	61,773	8,541	6,225,502	4,661,085	55
13,764		11,524	2,240				24,225	407		12	23,806	51,089	26,834	56
1,491,707	127,222	202,438	337,534	793,440	10,196	20,877	3,559,195	3,483,178	21,013	55,004		8,092,866	4,533,671	57
2,060,083		304,828	1,762,824		11,431		15,225,857	14,558,302	399,633	172,884	95,538	20,138,932	4,913,075	58
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)		(9)	(9)	59
1,141,853	21,600	97,476	1,007,777	15,000			6,110,410	6,081,294	5,136	23,980		7,905,311	1,794,901	60
124,987	9,000	17,024	96,796	1,430	737		233,899	207,067	17,654	9,178		598,206	364,307	61
21,720	1,950	3,600	9,218	6,952			31,663	31,331	158	174		96,993	65,330	62
88,915	26,780	42,010	16,409	3,716			121,855	1,911	49	96	119,799	269,574	147,719	63
86,320	30,378	4,330	51,612				25,575	21,753	124	2,094	1,604	150,424	124,840	64
1,503,474	64,677	206,580	1,165,663	61,876	450	4,778	5,088,802	4,899,062	12,114	35,324	142,302	8,071,128	2,982,326	65
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)	66

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Pro-rietors and firm mem-bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Sala-ried of-ficers of corpo-rations ³	Manufacturing		Distri-bution	Con-struction	Other
						Salaried employ-ees ⁴	Wage earners (average for year) ⁵			
1	1	10	8	364	13	41	194	103	-----	13
2	1	11	6	177	-----	15	103	54	-----	-----
3	5	612	539	18,627	98	789	17,431	229	58	22
4	15	5	2	105	2	9	72	22	-----	-----
5	19	5	2	1,715	7	100	1,600	5	3	-----
6	20	7	6	37	2	3	32	-----	-----	-----
7	9	3	4	15	1	4	6	4	-----	-----
8	14	9	-----	14,837	7	1,174	13,496	45	105	10
9	14	8	2	1,513	16	54	1,385	58	-----	-----
10	4	3	6	272	-----	33	235	4	-----	-----
11	11	3	3	1,412	-----	124	1,248	6	18	16
12	9	4	-----	147	2	16	119	8	2	-----
13	1	3	-----	24	-----	3	20	1	-----	-----
14	14	4	-----	61	1	18	47	-----	-----	-----
15	6	10	13	369	3	8	340	8	-----	-----
16	9	3	-----	211	3	31	173	-----	4	-----
17	6	7	-----	751	1	47	630	8	65	-----
18	6	13	12	162	2	12	145	2	-----	1
19	4	5	3	316	4	9	283	20	-----	-----
20	Other industries ¹	192	107	32,642	154	2,061	28,876	528	285	38
OTHER INDUSTRIES, BY INDUSTRY GROUPS ¹										
21	1	24	16	772	9	44	635	84	-----	-----
22	4	21	19	3,560	17	143	3,354	40	-----	6
23	6	12	5	291	10	22	239	19	1	-----
24	8	7	3	247	11	90	134	12	-----	-----
25	9	23	2	1,792	11	262	1,293	84	140	2
26	13	11	2	914	8	48	821	32	4	1
27	15	4	3	103	6	7	87	3	-----	-----
28	16	9	14	240	7	42	174	15	-----	2
29	17	9	7	860	8	86	724	42	-----	-----
30	19	10	7	2,100	9	140	1,935	13	3	-----
31	20	6	4	32	5	2	22	3	-----	-----
32	3	8	8	1,575	10	133	1,417	14	-----	1
	7	8	-----	2,053	12	171	1,813	45	12	-----
	11	3	3	1,412	-----	124	1,248	6	18	16
	14	32	10	16,274	26	1,332	14,712	87	107	10
	5	1	-----	-----	-----	-----	-----	-----	-----	-----
	10	2	4	316	5	15	267	29	-----	-----
	12	2	-----	-----	-----	-----	-----	-----	-----	-----

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.

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 ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
		Salaries ³	Wages											
\$482,334	\$106,525	\$60,388	\$106,344	\$137,252	-----	\$11,825	\$4,823,746	\$4,790,786	\$5,295	\$27,665	-----	\$5,667,124	\$843,378	1
130,834	-----	17,618	82,455	30,766	-----	-----	1,987,945	1,965,909	4,787	17,249	-----	2,429,471	441,526	2
10,341,069	433,941	1,016,460	8,587,003	256,839	\$47,861	18,965	14,201,261	13,319,127	243,946	57,306	\$580,882	32,512,574	18,311,313	3
108,093	10,000	13,904	48,856	33,333	(⁵)	-----	575,188	572,089	762	2,337	-----	775,425	200,237	4
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	5
31,755	2,507	1,933	27,315	-----	-----	-----	52,335	50,072	680	1,195	382	120,619	68,284	6
20,069	5,400	3,170	3,660	7,830	(⁵)	(⁵)	23,158	22,372	303	483	(⁵)	41,537	18,420	7
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	8
1,412,394	102,037	84,626	1,122,258	103,473	-----	-----	1,113,130	980,058	72,069	39,103	21,900	3,560,979	2,447,849	9
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	10
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	11
59,280	2,875	6,744	44,443	4,828	390	-----	1,062,053	1,043,448	8,306	10,299	-----	1,152,790	90,737	12
24,983	(⁵)	7,352	16,591	1,040	-----	-----	85,173	79,634	2,610	2,929	-----	146,554	61,381	13
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	14
244,776	38,400	7,009	185,138	14,229	-----	-----	310,626	307,662	232	2,732	-----	726,296	415,670	15
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	16
502,921	3,000	73,099	387,843	9,799	29,240	-----	2,803,795	2,149,236	84,306	17,354	52,899	3,366,680	1,062,885	17
99,728	2,100	14,182	79,468	3,900	78	-----	124,069	111,833	614	7,460	4,172	270,938	140,869	18
188,736	11,700	13,461	141,995	21,580	-----	-----	438,902	432,516	2,165	4,221	-----	642,013	203,111	19
39,358,934	730,701	5,443,108	31,565,786	1,116,568	438,198	55,573	119,061,940	108,572,270	6,811,342	3,564,012	114,316	217,043,476	97,981,536	20
680,973	41,620	85,466	434,962	117,250	1,675	-----	3,039,318	2,990,374	25,155	23,789	-----	5,604,095	2,564,777	21
2,253,780	91,894	154,235	1,801,242	200,401	-----	6,008	6,062,500	6,013,230	14,710	34,560	-----	9,643,154	3,580,654	22
244,564	28,839	84,059	159,269	21,953	439	-----	491,290	479,600	4,302	7,388	-----	930,335	439,045	23
380,574	50,027	131,433	142,320	56,784	-----	-----	359,020	272,163	1,695	5,991	79,171	1,449,457	1,090,437	24
2,476,402	39,888	614,861	1,526,113	140,600	153,840	1,110	7,671,700	7,007,976	303,508	360,216	-----	17,720,873	10,049,173	25
808,664	31,793	83,148	691,652	54,618	6,485	968	1,204,746	856,651	209,190	138,905	-----	3,191,875	1,937,129	26
112,147	15,900	12,412	76,335	7,500	-----	-----	381,442	362,045	10,927	5,016	3,454	537,672	156,230	27
263,863	24,290	52,113	162,248	23,873	-----	1,339	770,706	761,314	10,981	8,501	-----	1,211,683	440,837	28
970,522	27,806	154,498	693,732	94,437	-----	-----	889,462	828,823	32,383	28,256	-----	2,245,052	1,355,590	29
2,351,256	101,773	333,125	1,891,857	19,501	5,000	-----	4,827,761	4,718,833	21,460	87,468	-----	10,460,583	5,632,823	30
34,257	8,320	1,265	22,040	2,632	-----	-----	20,135	10,089	151	895	-----	71,670	51,535	31
23,721,932	277,552	3,786,503	23,964,016	376,954	270,759	46,148	93,343,770	84,272,172	6,176,880	2,863,027	31,691	163,977,027	70,633,257	32

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 11.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR BIRMINGHAM, BY INDUSTRIES: 1939

[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, 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
	All industries, total.....	302	166	234	1,609	12,071	\$1,276,997	\$3,038,621	\$11,834,793	\$52,261,924	\$91,104,272	\$38,842,348
14	Blast-furnace products.....	3			88	570		(¹)	(¹)	(¹)	(¹)	(¹)
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	24	17	8	76	699	46,513	134,079	637,173	1,786,425	3,792,491	2,006,066
20	Brooms.....	3	3		7	56		6,429	25,566	59,867	100,848	40,981
1	Candy and other confectionery products.....	3	2		3	27		2,988	18,061	87,416	119,450	32,034
6	Caskets, coffins, burial cases, and other morticians' goods.....	4	1	7	21	92	33,614	30,786	68,200	286,228	607,686	321,458
14	Cast-iron pipe and fittings.....	5		8	195	2,528	84,623	463,181	2,783,959	5,386,303	13,602,738	8,216,345
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4			8	20		(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products.....	7	2	3	8	98	7,880	14,074	83,168	361,574	661,656	290,082
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	12	6	13	117	669	102,938	205,119	653,718	3,455,975	5,755,905	2,299,930
9	Fertilizers.....	3			12	135		11,730	67,364	698,825	1,033,964	335,139
1	Food preparations, not elsewhere classified.....	6	2	4	10	46	33,045	12,824	32,384	363,572	639,414	275,842
8	General commercial (job) printing.....	23	16	20	35	167	58,971	61,837	172,838	270,409	778,800	508,451
14	Gray-iron and semisteel castings.....	9	7	4	19	290	16,620	44,926	201,806	312,738	784,672	471,934
1	Ice cream and ices.....	8	1	5	22	53	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Ice, manufactured.....	10	2	1	4	35	4,000	3,885	26,902	77,208	203,464	126,196
17	Machine-shop products, not elsewhere classified.....	5	4	4	25	187	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-shop repairs.....	3	2	3	6	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Mattresses and bedsprings.....	4	6	5	5	112	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Meat packing, wholesale.....	3	2	3	33	251	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	3		1	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing.....	3	1	6	267	261	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages.....	10	15	4	24	102	18,926	47,162	82,565	989,280	1,944,544	955,264
16	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	3		2	4	20	9,000	5,699	13,589	116,219	177,429	61,210
8	Photoengraving, not done in printing establishments (including preparation of plates).....	4		6	5	23	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
5	Planing mills not operated in conjunction with sawmills.....	5	1	4	5	105	11,399	10,401	89,400	302,267	580,002	277,735
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	4	2		4	35	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Signs, advertising displays, and advertising novelties.....	4	3	2		23	2,507		15,624	21,941	66,032	44,091
	Other industries ²	171	89	154	1,060	6,979	846,981	1,982,901	6,862,476	37,685,527	60,265,117	22,579,590
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ³											
1	Food and kindred products.....	33	14	22	118	970	168,940	208,324	787,020	11,735,034	15,642,473	3,907,439
4	Apparel and other finished products made from fabrics and similar materials.....	7	6	9	32	448	37,804	44,143	279,005	933,632	1,648,840	715,208
6	Furniture and finished lumber products.....	16	12	15	22	383	67,887	29,806	303,880	1,334,948	2,212,635	877,687
8	Printing, publishing, and allied industries.....	23	7	35	403	473	251,184	717,892	697,706	1,451,100	5,276,333	3,824,233
9	Chemicals and allied products.....	20	10	13	47	295	63,671	90,137	274,475	2,426,880	3,586,699	1,159,819
13	Stone, clay, and glass products.....	9	3	5	28	435	52,713	51,356	379,353	739,690	1,612,103	872,413
14	Iron and steel and their products, except machinery.....	20	5	18	208	1,812	82,719	464,695	2,007,301	10,926,418	17,322,557	6,396,139
16	Electrical machinery.....	7	13	7	40	163	24,290	49,313	157,205	760,913	1,184,984	424,071
17	Machinery (except electrical).....	13	7	13	89	690	67,953	168,095	758,229	1,062,795	2,455,686	1,392,691
20	Miscellaneous industries.....	3	1	5	2	11	8,320	1,265	15,032	14,673	45,781	31,108
3	Textile-mill products and other fiber manufactures.....	2										
5	Lumber and timber basic products.....	1										
7	Paper and allied products.....	2										
10	Products of petroleum and coal.....	2										
11	Rubber products.....	1										
15	Nonferrous metals and their products.....	7	11	12	80	1,299	51,200	151,875	1,203,710	6,299,444	9,278,026	2,978,582
18	Automobiles and automobile equipment.....	2										
19	Transportation equipment except automobiles.....	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 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 number of establishments and of wage earners in individual industries, see table 11.

59

TABLE 10.—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.....	2,052	425		103	26	733	81	11	179	183	14	3	2	88	105	9	9	46	5	10	20
Autauga.....	12	1		2		7															
Baldwin.....	45	4				9	1			3	26			1				1			1
Barbour.....	41	4		4		26	1			1	3			1							1
Bibb.....	11	1				9				1								1			
Blount.....	15	2				9			2					2							
Bullock.....	11	1		1		8				1											
Butler.....	15	3		1	2	4	1			2	2										
Calhoun.....	65	14		13		11	3			5	2			8	11			2			1
Chambers.....	21	5		8		6			2												
Cherokee.....	21	1				20															
Chilton.....	28	2		1		22	1		2												
Choctaw.....	28					28															
Clarke.....	30	1		1		25			2					1							
Clay.....	17	1				16															
Cleburne.....	7					7															
Coffee.....	11	4		1		2	1			1			1								
Colbert.....	24	5				8	1			2		1		1		1		1			
Conecuh.....	11	1				6	1			1									1		
Coosa.....	8					7	1														
Covington.....	43	9		2	4	14	2		3	6				2	1						
Orenshaw.....	5	1				4															
Oulman.....	22	4				12	1		3												
Dale.....	12	1		1		7			1												
Dallas.....	39	10			2	16	1		1	3	1			2	1			1	2		
De Kalb.....	17	2		4		8			1	1				1							
Elmore.....	17	5		2		7			2					1							
Escambia.....	20	7				3	1		2	5				1							
Etowah.....	52	15		3		5	3		4	2	1	1		4	11			1	3		
Fayette.....	25	5		1		15			1					1					1		
Franklin.....	12	3		1	1	4			1					2							
Geneva.....	8	2		1	1	2															
Greene.....	6					6				2											
Hall.....	10	1				6															
Henry.....	14	2				9	1		1					1							
Houston.....	36	16		1		3			4	7				3				1	2		
Jackson.....	21	2		4	2	11			1						1						
Jefferson.....	383	98		2	8	20	25	2	49	31	9	1		30	65	7	7	15	2	2	10
Lamar.....	13					11			1	1											
Lauderdale.....	22	10		2		3	1		3	1					1				1		
Lawrence.....	1	1																			
Lee.....	20	8		2		11			4					1							
Limestone.....	9	3				4			2	2				1				1			
Lowndes.....	21					21															
Macon.....	9	2				4			1	2											
Madison.....	30	7		4		7	3		5	1							1				2
Marengo.....	15	3				10															
Marion.....	10	2				7			1					1							
Marshall.....	25	6		3		10	1		3	2											
Mobile.....	168	42		3	3	30	9	6	17	21	2			4	4		1	7		5	4
Monroe.....	17	4		1		9	1		1	1											
Montgomery.....	114	37		2	2	21	8		19	15				4	1	1		3	1		
Morgan.....	31	10		3		5			2	6				1	2						
Perry.....	7	1		1		4			1											1	1
Pickens.....	20	3		1		15			1												
Pike.....	24	7				10	2		1	3								1			
Randolph.....	17	2		2	1	8			2	2											
Russell.....	37	3				23	3		1	3				4							
St. Clair.....	12	1		1		8								2							
Shelby.....	20	1		1		10				1				7							
Sumter.....	14	2				12															
Talladega.....	48	9				10			5	3				4	4						
Tallapoosa.....	40	6		8		20	3		2					1							
Tuscaloosa.....	57	15				23	2	3	5	3				2	1			1	1	1	
Walker.....	26	4		2		14							1								
Washington.....	27					11			2				1	1				2			
Wilcox.....	18	1				16				16											
Winston.....	18	2		1		14			1												

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR BIRMINGHAM: 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 ALABAMA				STATE OF ALABAMA—Continued			
1	Biscuit, crackers, and pretzels.....	6	342	13	Asbestos products (except steam packing and pipe and boiler covering).....	1	—
	Canned and dried fruits and vegetables (including canned soups).....	1	—		Minerals and earths, ground or otherwise treated.....	2	—
	Condensed and evaporated milk.....	2	—		Mirrors and other glass products made of purchased glass..	1	—
	Creamery butter.....	3	13		Nonclay refractories.....	1	—
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	3	25		Roofing tile.....	1	—
	Oleomargarine—not made in meat-packing establishments	1	—		Sewer pipe and kindred products.....	2	—
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	—		Steam and other packing; pipe and boiler covering.....	2	—
	Poultry dressing and packing, wholesale.....	1	—		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition..	1	—
	Preserves, jams, jellies, and fruit butters.....	1	—	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2	—
	Quick-frozen foods.....	1	—		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1	—
	Salad dressings.....	2	—		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	2	—
	Special dairy products.....	1	—		Power boilers and associated products.....	7	420
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	—		Saws.....	2	—
	Cotton thread.....	1	—		Stamped and pressed metal products (except automobile stampings).....	2	—
	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	2	—		Steel barrels, kegs, and drums.....	2	—
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	—		Steel castings.....	1	—
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	—		Steel works and rolling mills.....	9	13,496
	Rayon narrow fabrics.....	2	—		Wirework not elsewhere classified.....	4	47
4	Canvas products (except bags).....	2	—	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	—
	Children's dresses—made in inside factories or by jobbers engaging contractors.....	1	—		Lighting fixtures.....	1	—
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	—		Nonferrous-metal foundries (except aluminum).....	2	—
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	—	16	Batteries, storage and primary (dry and wet).....	3	24
	Housefurnishings (except curtains, draperies, and bedspreads).....	1	—		Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	2	—
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	4	1,549		Electrical appliances.....	1	—
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	—		Electrical products not elsewhere classified.....	1	—
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.....	1	—		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	1	—
	Millinery.....	2	—		Wiring devices and supplies.....	1	—
	Textile bags—not made in textile mills.....	3	235	17	Agricultural machinery (except tractors).....	1	—
	Trousers (semidress), wash suits, and washable service apparel.....	2	—		Cars and trucks, industrial.....	1	—
	Work shirts.....	2	—		Food-products machinery.....	1	—
5	Flywood mills.....	1	—		Industrial machinery, not elsewhere classified.....	2	—
6	Cooperage.....	5	104		Mining machinery and equipment.....	1	—
	Partitions, shelving, cabinet work, and office and store fixtures.....	2	—		Special-industry machinery, not elsewhere classified.....	2	—
	Upholstered household furniture.....	2	—		Woodworking machinery.....	1	—
	Venetian blinds.....	2	—	19	Boat building and boat repairing.....	2	—
	Window shades.....	1	—		Cars and car equipment—railroad, street, and rapid-transit.....	1	—
7	Coated and glazed paper.....	1	—		Locomotives (including frames) and parts: railroad, mining, and industrial.....	1	—
	Paper and paperboard mills.....	3	1,127		Shipbuilding and ship repairing.....	5	1,600
	Paperboard containers and boxes not elsewhere classified	1	—		Transportation equipment not elsewhere classified.....	1	—
	Pulp mills.....	3	502	20	Games and toys (except dolls and children's vehicles).....	2	—
8	Engraving (steel, copperplate, and wood); plate printing	2	—		Hand stamps, stencils, and brands.....	1	—
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	—		Models and patterns (except paper patterns).....	1	—
	Machine and hand typesetting (including advertisement typesetting).....	1	—		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	2	—
	Periodicals: publishing and printing.....	2	—	CITY OF BIRMINGHAM			
9	Chemicals not elsewhere classified.....	5	745	1	Biscuit, crackers, and pretzels.....	5	—
	Cleaning and polishing preparations, blackings, and dressings.....	1	—		Blended and prepared flour made from purchased flour.....	1	—
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7	62		Creamery butter.....	1	—
	Explosives.....	2	—		Flavoring extracts and flavoring sirups, not elsewhere classified.....	2	—
	Lubricating oils and greases—not made in petroleum refineries.....	1	—		Flour and other grain-mill products.....	1	—
	Paints, varnishes, and lacquers.....	3	48		Ice cream and ices.....	8	53
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	—		Meat packing, wholesale.....	3	251
	Wood naval stores.....	3	173		Oleomargarine—not made in meat-packing establishments.....	1	—
10	Petroleum refining.....	1	—		Pickled fruits and vegetables and vegetable sauces and seasonings.....	1	—
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	—		Prepared feeds (including mineral) for animals and fowls..	2	—
11	Tires and inner tubes.....	3	1,248		Preserves, jams, jellies, and fruit butters.....	1	—
12	Footwear (except rubber).....	1	—		Quick-frozen foods.....	1	—
	Saddlery, harness, and whips.....	1	—		Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	4	35
					Special dairy products.....	1	—
					Vinegar and cider.....	1	—
				3	Cotton broad woven goods.....	1	—
					Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	—

See footnote at end of table.

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR BIRMINGHAM: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF BIRMINGHAM—Continued				CITY OF BIRMINGHAM—Continued			
4	Canvas products (except bags).....	1	-----	10	Oven coke and coke-oven byproducts.....	2	-----
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1	-----	11	Tires and inner tubes.....	1	-----
	Millinery.....	2	-----	13	Cement.....	1	-----
	Textile bags—not made in textile mills.....	1	-----		Clay refractories, including refractory cement (clay).....	1	-----
	Trousers (semidress), wash suits, and washable service apparel.....	1	-----		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	30
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	-----		Roofing tile.....	1	-----
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	1	-----		Sewer pipe and kindred products.....	1	-----
6	Baskets for fruits and vegetables.....	1	-----		Steam and other packing; pipe and boiler covering.....	2	-----
	Cooperage.....	1	-----	14	Blast-furnace products.....	3	570
	Excelsior.....	1	-----		Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	-----
	Household furniture, except upholstered.....	1	-----		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	2	-----
	Mattresses and bedsprings.....	4	112		Power boilers and associated products.....	6	-----
	Partitions, shelving, cabinet work, and office and store fixtures.....	1	-----		Saws.....	2	-----
	Upholstered household furniture.....	1	-----		Stamped and pressed metal products (except automobile stampings).....	1	-----
	Venetian blinds.....	1	-----		Steel works and rolling mills.....	1	-----
	Window shades.....	1	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	2	-----
	Wooden boxes except cigar boxes.....	1	-----		Wirework not elsewhere classified.....	2	-----
	Wood preserving.....	1	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Wood products not elsewhere classified.....	2	-----		Nonferrous-metal foundries (except aluminum).....	2	-----
7	Coated and glazed paper.....	1	-----		Sheet-metal work not specifically classified.....	4	-----
	Paperboard containers and boxes not elsewhere classified.....	1	-----	16	Batteries, storage and primary (dry and wet).....	2	-----
8	Bookbinding and related industries.....	2	-----		Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	2	-----
	Books: printing without publishing.....	2	-----		Electrical products not elsewhere classified.....	1	-----
	Engraving (steel, copperplate, and wood); plate printing.....	2	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	1	-----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1	-----		Wiring devices and supplies.....	1	-----
	Machine and hand typesetting (including advertisement typesetting).....	1	-----	17	Cars and trucks, industrial.....	1	-----
	Newspapers: publishing and printing.....	3	261		Industrial machinery, not elsewhere classified.....	1	-----
	Newspapers: publishing without printing.....	2	-----		Machine-shop products, not elsewhere classified.....	5	187
	Periodicals: publishing and printing.....	1	-----		Machine-shop repairs.....	3	13
	Periodicals: publishing without printing.....	7	-----		Mining machinery and equipment.....	1	-----
	Photoengraving, not done in printing establishments (including preparation of plates).....	4	23		Special-industry machinery, not elsewhere classified.....	1	-----
9	Chemicals not elsewhere classified.....	1	-----		Woodworking machinery.....	1	-----
	Cleaning and polishing preparations, blackings, and dressings.....	1	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	2	-----
	Coal-tar products, crude and intermediate.....	1	-----	19	Locomotives (including frames) and parts: railroad, mining, and industrial.....	1	-----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	20	20	Hand stamps, stenoids, and brands.....	1	-----
	Cottonseed oil, cake, meal, and linters.....	2	-----		Models and patterns (except paper patterns).....	1	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	4	-----		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	-----
	Lubricating oils and greases—not made in petroleum refineries.....	1	-----				
	Paints, varnishes, and lacquers.....	2	-----				
	Perfumes, cosmetics, and other toilet preparations.....	2	-----				
	Soap and glycerin.....	2	-----				

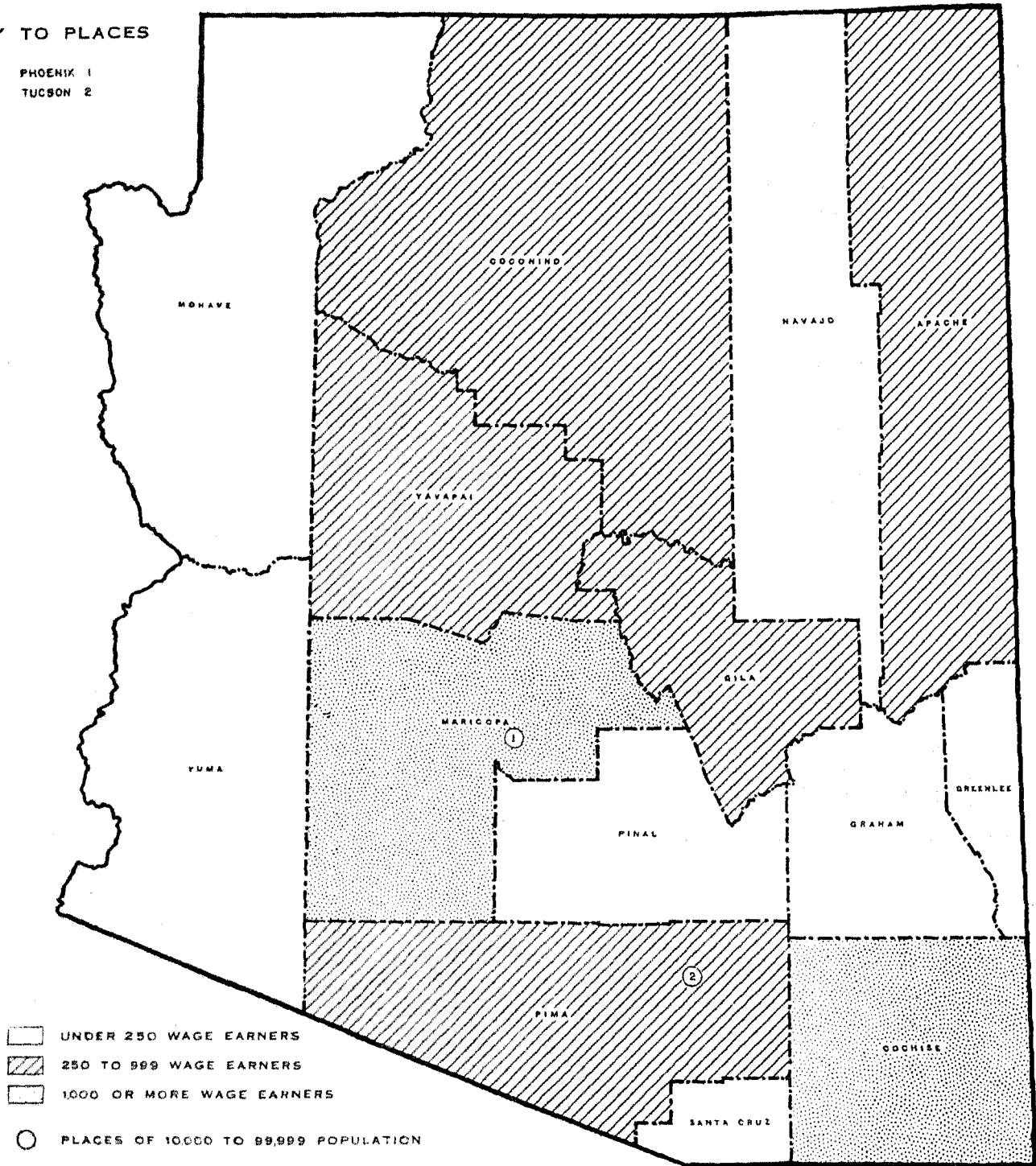
¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

ARIZONA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

PHOENIX 1
TUCSON 2



Prepared by the Bureau of the Census, Department of Commerce

ARIZONA

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 ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
1939.....	332	248	7,206	\$9,774,668	\$65,488,191	\$97,529,481	\$32,041,290
1937.....	290	182	8,481	11,425,211	84,721,116	118,355,981	33,634,866
1929.....	325	191	10,461	16,570,435	166,753,737	194,654,302	28,900,665

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.....	499,261	332	6,096	\$7,162,639	\$65,488,191	\$97,529,481	\$32,041,290
COUNTIES ⁶							
Apache.....	24,095	3	633	—	—	—	—
Cochise.....	34,627	20	1,077	—	—	—	—
Cocconino.....	18,770	16	467	501,881	839,250	2,087,438	1,248,188
Gila.....	23,867	15	469	—	—	—	—
Graham.....	12,113	9	40	45,300	283,648	463,527	179,879
Greenlee.....	8,698	3	2	1,282	10,602	27,044	16,442
Maricopa.....	186,193	152	1,960	2,189,787	14,415,947	22,847,634	8,431,687
Mohave.....	8,591	4	21	26,137	58,849	141,086	82,237
Navajo.....	25,309	14	168	170,910	117,561	495,626	378,065
Pima.....	72,838	56	436	478,715	1,538,711	3,182,284	1,643,578
Pinal.....	28,841	6	147	—	—	—	—
Santa Cruz.....	9,482	3	8	—	—	—	—
Yavapai.....	26,511	17	590	—	—	—	—
Yuma.....	19,325	14	81	76,298	406,024	796,348	390,324
Undistributed ⁷	—	64	2,924	3,672,329	47,817,599	67,488,494	19,670,895
PLACES HAVING 10,000 OR MORE INHABITANTS							
Phoenix.....	65,414	99	982	1,152,852	3,903,891	8,730,275	4,826,384
Tucson.....	36,818	43	274	333,407	905,245	2,026,118	1,120,868

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 The "Undistributed" figure for number of establishments and 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.

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	8,384	10,508	Salaried officers and employees—Continued.		
Male	7,982	10,119	All other employees, etc.—Continued.		
Female	402	389	Engaged in manufacturing:		
Salaried officers and employees, total	2,159	1,484	Male	809	
Male	1,859	1,279	Female	168	
Female	309	205	Engaged in distribution:		
Salaried officers of corporations, total	133	142	Male	784	
Male	124	135	Female	99	(2)
Female	9	7	Engaged in construction:		
All other employees (except wage earners in manufacturing), total	2,026	1,342	Male	60	
Male	1,726	1,144	Engaged in other work:		
Female	300	198	Male	73	
			Female	33	
			Wage earners engaged in manufacturing, total	6,225	9,024
			Male	6,132	8,840
			Female	93	184

¹ See headnote.

² Figures do not include data for 248 proprietors and firm members for 1939 and 191 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	6,096	6,046	5,889	5,766	5,982	6,159	6,305	6,207	5,920	6,044	6,169	6,225	6,437
1937	7,193	6,724	6,618	6,843	7,230	7,062	7,502	7,788	7,484	7,667	7,506	7,050	6,839
1929	8,977	8,521	8,396	8,824	9,238	9,185	9,331	9,363	9,097	9,270	9,119	8,816	8,561

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	332	325	6,096	8,977	\$97,529,481	\$32,041,260
No wage earners	14	11			210,730	125,896
1 to 5	182	166	514	436	5,024,243	2,351,116
6 to 20	84	95	925	1,050	6,797,168	3,191,266
21 to 50	33	30	992	935	8,577,417	3,301,594
51 to 100	8	8	591	549	4,742,413	2,943,793
101 to 250	8	7	1,216	1,394	20,834,048	9,121,728
251 to 500	1	5		1,918		
501 to 1,000	2	3	1,850	2,695	42,343,462	11,005,897

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.....	332	325	6,096	8,977	\$97,529,481	\$194,654,302	\$32,041,290	\$28,900,565
\$5,000 to \$19,999.....	111	115	310	267	1,237,925	1,316,720	738,687	799,442
\$20,000 to \$49,999.....	95	88	488	490	2,959,107	2,817,968	1,613,067	1,762,163
\$50,000 to \$99,999.....	56	47	638	549	3,970,667	3,266,725	2,202,547	1,872,868
\$100,000 to \$249,999.....	34	33	602	753	4,644,720	5,367,950	2,151,426	3,003,877
\$250,000 to \$499,999.....	17	16	642	616	5,911,948	5,610,395	2,514,149	2,755,602
\$500,000 to \$999,999.....	8	9	385	649	5,669,627	5,776,400	1,796,758	1,763,404
\$1,000,000 to \$2,499,999.....	4	5	1,005	1,558	6,339,012	7,030,540	4,528,138	4,585,432
\$2,500,000 to \$4,999,999.....	1	3		476		9,683,756		2,070,269
\$5,000,000 and over.....	6	9	2,026	3,614	66,766,475	153,783,843	16,496,518	10,287,478

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 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.....	332	325	6,096	8,977	\$97,529,481	\$194,654,302	\$32,041,290	\$28,900,565
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	67	(⁴)	3,176	(⁴)	68,476,667	(⁴)	19,858,255	(⁴)
Independent (single-unit).....	83	(⁴)	1,905	(⁴)	22,974,175	(⁴)	9,039,886	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	14	(⁴)	65	(⁴)	731,792	(⁴)	372,741	(⁴)
Independent (single-unit).....	168	(⁴)	950	(⁴)	5,346,817	(⁴)	2,770,408	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	81	38	3,241	3,928	69,208,489	145,607,886	20,230,996	12,039,237
Independent (single-unit), corporate and noncorporate.....	251	287	2,855	5,049	28,320,992	49,046,416	11,810,294	16,861,328
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	150	145	5,081	8,039	91,450,872	188,123,917	28,898,141	25,501,101
Noncorporate, total.....	182	180	1,015	938	6,078,609	6,530,385	3,143,149	3,309,464
Individual.....	129	(⁴)	644	(⁴)	3,806,710	(⁴)	2,089,297	(⁴)
Partnership.....	50	(⁴)	352	(⁴)	2,038,596	(⁴)	1,007,103	(⁴)
Cooperative.....	2							
Other.....	1		19		173,303		46,749	

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.

CENSUS OF MANUFACTURES: 1939

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 ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ³	Wage earners (average for year) ³			
1	All industries, total.....	332	248	8,255	133	977	6,096	883	60	106
2	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	55	59	600	9	43	460	85	6	7
3	13 Brick and hollow structural tile.....	5	5	138	2	6	118	11	—	1
4	13 Concrete products.....	5	1	44	2	3	34	2	—	3
5	9 Cottonseed oil, cake, meal, and linters.....	6	—	177	5	14	168	—	—	—
6	8 General commercial (job) printing.....	15	9	158	14	22	106	16	—	—
7	14 Gray-iron and semisteel castings.....	5	3	164	4	8	152	—	—	—
8	1 Ice cream and ices.....	19	12	151	4	24	76	41	1	5
9	1 Ice, manufactured.....	28	11	354	5	21	181	140	6	1
10	13 Lime.....	4	9	118	—	7	103	—	2	6
11	17 Machine-shop products, not elsewhere classified.....	4	3	70	2	7	62	9	—	—
12	17 Machine-shop repairs.....	4	5	23	—	1	22	—	—	—
13	6 Mattresses and bedsprings.....	5	6	40	2	5	31	2	—	—
14	1 Meat packing, wholesale.....	16	19	553	12	56	312	158	4	11
15	8 Newspapers: publishing and printing.....	33	21	652	19	187	290	156	—	—
16	1 Nonalcoholic beverages.....	24	22	232	7	21	90	113	—	1
17	8 Periodicals: publishing without printing.....	8	2	43	2	34	7	7	—	—
18	5 Planing mills not operated in conjunction with sawmills.....	5	1	104	1	13	85	2	1	2
19	1 Poultry dressing and packing, wholesale.....	3	3	6	—	—	5	1	—	—
20	1 Prepared feeds (including mineral) for animals and fowls.....	4	—	65	4	10	40	—	2	—
21	15 Primary smelting and refining of nonferrous metals.....	6	—	2,101	—	259	1,816	—	7	19
22	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	16	22	1,280	5	71	1,128	19	25	32
23	6 Wooden boxes except cigar boxes.....	7	—	186	4	14	148	15	—	5
24	Other industries ⁴	55	35	996	30	151	690	106	6	13
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
25	1 Food and kindred products.....	17	7	334	13	53	180	78	5	5
26	8 Printing, publishing, and allied industries.....	7	10	46	2	19	24	1	—	—
27	9 Chemicals and allied products.....	7	1	192	6	32	136	10	—	8
28	12 Leather and leather products.....	3	3	32	—	4	27	1	—	—
29	13 Stone, clay, and glass products.....	5	1	67	3	5	59	—	—	—
30	20 Miscellaneous industries.....	4	4	28	—	5	18	5	—	—
31	5 Lumber and timber basic products.....	3	3	101	—	5	96	—	—	—
32	6 Furniture and finished lumber products.....	5	5	28	2	1	22	3	—	—
33	14 Iron and steel and their products, except machinery.....	2	—	—	—	—	—	—	—	—
34	15 Nonferrous metals and their products.....	1	—	—	—	—	—	—	—	—
35	18 Automobiles and automobile equipment.....	1	1	168	4	27	128	8	1	—

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 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 ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Con- struction	Other	Total	Materials and sup- plies	Fuel	Purchas- ed elec- tric en- ergy	Contract work			
		Salaries ²	Wages											
Dollars 11,317,207	Dollars 652,757	Dollars 1,959,272	Dollars 7,162,639	Dollars 1,268,003	Dollars 112,662	Dollars 161,874	Dollars 65,488,191	Dollars 61,657,357	Dollars 2,250,473	Dollars 1,147,261	Dollars 433,100	Dollars 97,529,481	Dollars 32,041,290	
782,216	53,280	75,209	552,069	81,494	4,220	5,944	1,575,070	1,498,424	35,615	41,031	-----	3,349,696	1,774,626	
93,075	6,000	10,750	68,163	7,598	-----	564	56,653	11,686	36,164	8,803	-----	225,142	168,489	
30,333	5,840	3,890	26,620	1,800	-----	1,183	49,938	48,242	96	1,600	-----	121,111	71,173	
228,167	32,000	30,122	166,045	-----	-----	-----	2,027,067	1,944,472	13,978	68,617	-----	2,726,942	699,876	
219,787	45,576	33,825	123,576	16,811	-----	-----	150,380	139,288	1,465	7,370	2,257	488,222	337,842	
201,244	28,300	14,802	158,142	-----	-----	-----	259,530	196,631	56,452	6,380	67	695,404	435,874	
173,432	7,497	34,655	81,550	43,744	1,458	4,528	487,495	433,769	7,911	45,815	-----	930,758	443,263	
438,997	14,345	44,268	194,106	183,892	1,637	759	297,582	81,403	30,852	185,327	-----	1,329,157	1,031,575	
142,944	-----	13,975	99,010	3,169	2,161	24,629	184,350	67,772	109,746	6,832	-----	490,271	305,921	
77,898	4,800	10,551	53,897	8,650	-----	-----	53,514	50,642	723	2,032	117	207,981	154,467	
26,756	-----	1,000	25,756	-----	-----	-----	13,447	12,166	-----	1,281	-----	73,061	59,614	
44,373	4,500	6,840	28,923	4,110	-----	-----	100,567	99,062	-----	1,505	-----	181,082	80,515	
715,063	66,057	106,630	354,926	170,683	2,780	13,981	6,265,296	6,164,202	27,700	73,394	-----	7,186,960	921,664	
1,289,095	143,402	312,008	465,477	368,148	-----	-----	479,836	443,369	4,088	29,868	2,511	2,598,948	2,119,112	
271,399	33,872	30,177	79,458	127,013	-----	879	553,646	536,571	5,259	11,816	-----	1,326,415	772,769	
58,595	6,500	44,155	7,940	7,940	-----	-----	64,738	1,780	-----	-----	62,958	161,315	96,577	
163,536	1,545	30,011	125,754	3,032	1,800	1,304	361,224	353,368	-----	7,856	-----	598,135	236,911	
4,544	-----	-----	3,154	1,390	-----	-----	62,253	61,683	203	367	-----	79,327	17,074	
64,841	16,080	18,078	30,613	-----	70	-----	242,796	222,632	500	19,664	-----	377,933	135,137	
3,273,976	-----	660,901	2,538,267	-----	25,737	49,071	45,681,671	43,249,080	1,762,461	504,305	165,825	61,523,402	15,841,731	
1,425,252	39,800	167,944	1,082,674	32,341	65,639	46,854	1,218,153	968,374	47,794	40,342	161,643	3,993,033	2,774,880	
194,024	30,985	20,910	115,738	26,131	-----	260	941,338	932,600	-----	7,781	957	1,304,332	862,994	
1,388,660	112,379	298,521	778,721	180,067	7,154	11,828	4,361,647	4,140,141	109,466	75,275	36,765	7,560,854	3,199,207	
467,422	60,334	98,967	173,520	123,283	5,154	6,155	2,557,092	2,480,884	35,263	40,945	-----	3,547,496	990,404	
56,578	10,371	16,253	28,748	1,206	-----	-----	45,419	28,299	328	2,071	14,721	152,663	107,244	
335,409	18,210	101,043	184,934	25,549	-----	5,673	755,987	707,502	32,092	16,363	-----	2,024,115	1,268,128	
55,473	-----	7,708	47,045	720	-----	-----	81,024	80,211	133	680	-----	176,269	95,245	
45,618	3,900	6,168	35,550	-----	-----	-----	58,555	47,662	4,092	6,801	-----	156,671	98,116	
24,627	-----	6,618	13,897	4,112	-----	-----	24,539	23,792	48	626	74	69,838	45,299	
403,533	19,564	61,764	295,018	25,187	2,000	-----	839,031	771,791	37,510	7,780	21,970	1,433,802	594,771	

¹ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
² 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.....	332	166				24	17		63	13			3	10	7	7		8	1		4
Apache.....	3					3															
Cochise.....	20	10				1			5	1				2		1					
Cocconino.....	16	6				6			4												
Gila.....	15	5				1	1		2					2	1	3					
Graham.....	9	7							1	1											
Greenlee.....	3	2							1												
Maricopa.....	152	76				2	13		29	8			1	9	4	1		5	1		3
Mohave.....	4	2							1					1							
Navajo.....	14	5				7			2												
Pima.....	56	30				3	1		10	2			2	4	1			2			1
Pinal.....	6	4							1							1					
Santa Cruz.....	3	1							2												
Yavapai.....	17	10				1			3					1	1	1					
Yuma.....	14	8					2		2	1								1			

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

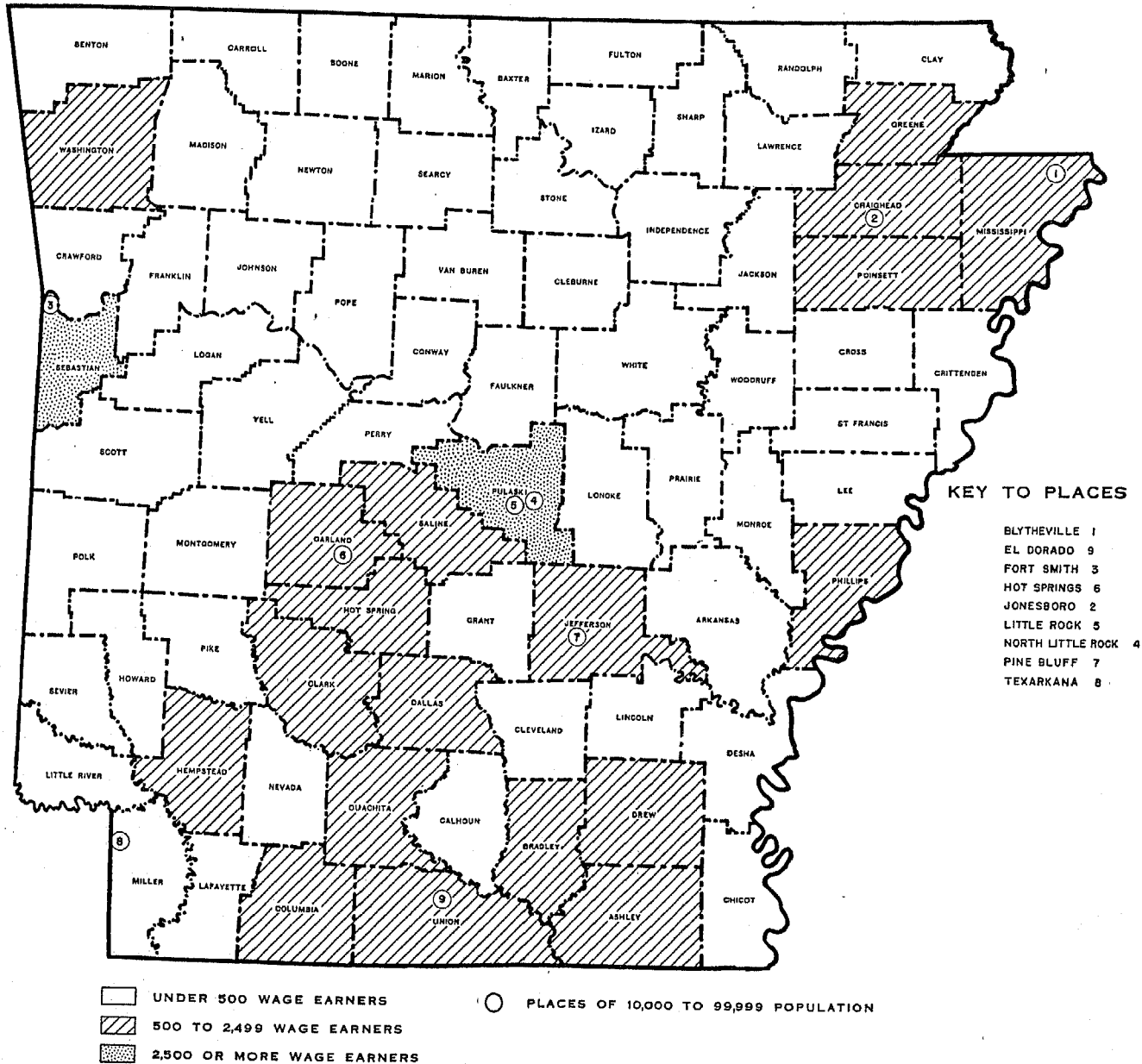
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
STATE OF ARIZONA				STATE OF ARIZONA—Continued			
1	Canned and dried fruits and vegetables (including canned soups).....	2		9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2	
	Condensed and evaporated milk.....	1			Explosives.....	1	
	Creamery butter.....	2			Fertilizers.....	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1			Insecticides, fungicides, and related industrial and household chemical compounds.....	1	
	Flour and other grain-mill products.....	4	45		Paints, varnishes, and lacquers.....	2	
	Food preparations, not elsewhere classified.....	1		12	Footwear (except rubber).....	1	
	Liquors, distilled.....	1			Leather goods not elsewhere classified.....	1	
	Malt liquors.....	1			Saddlery, harness, and whips.....	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2		13	Gypsum products.....	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	2			Minerals and earths, ground or otherwise treated.....	2	
5	Logging camps and logging contractors (not operating sawmills).....	3	96		Roofing tile.....	1	
					Sand-lime brick, block and tile.....	1	
6	Caskets, coffins, burial cases, and other morticians' goods.....	1		14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	1	
	Partitions, shelving, cabinet work, and office and store fixtures.....	1			Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1	
	Venetian blinds.....	2		15	Sheet-metal work not specifically classified.....	1	
	Wood preserving.....	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	
8	Bookbinding and related industries.....	1		20	Brooms.....	2	
	Books: publishing without printing.....	1			Signs, advertising displays, and advertising novelties.....	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1			Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	
	Newspapers: publishing without printing.....	1					
	Periodicals: publishing and printing.....	1					
	Photoengraving, not done in printing establishments (including preparation of plates).....	2					

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

ARKANSAS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce.

ARKANSAS

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	1,178	930	39,436	\$30,787,479	\$92,776,835	\$160,166,984	\$67,390,149
1937	1,048	771	40,531	30,828,979	990,88,930	164,676,277	65,687,847
1929	1,697	1,367	44,020	42,407,008	108,962,595	195,938,667	86,076,072

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 ¹	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ³	Value added by manufacture ⁴
The State	1,949,287	1,178	36,256	\$24,877,234	\$92,776,835	\$160,166,984	\$67,390,149
COUNTIES ⁵							
Arkansas	24,437	25	489	294,230	4,172,598	5,718,006	1,545,408
Ashley	26,785	20	1,484	1,192,447	3,240,160	6,465,665	3,215,505
Baxter	10,281	2					
Benton	39,148	24	179	76,822	393,228	709,297	316,069
Boone	15,860	15	95	49,588	181,982	335,991	154,009
Bradley	18,097	21	1,583	1,092,570	1,833,646	5,135,823	3,302,177
Calhoun	9,636	8	222	101,588	99,488	311,135	211,647
Carroll	14,737	16	85	34,200	153,021	235,372	82,351
Chicot	27,452	13	198	104,386	200,977	474,274	273,297
Clark	24,402	17	585	302,805	753,527	1,465,583	712,056
Clay	28,386	10	73	39,844	143,336	297,969	154,633
Cleburne	13,134	5	170				
Cleveland	12,570	7	202	132,762	136,238	330,770	200,532
Columbia	29,822	21	541	287,046	880,079	1,687,581	706,602
Conway	21,536	8	105	67,969	419,038	668,240	249,202
Craighead	47,200	29	528	318,908	1,036,662	2,413,333	1,376,641
Crawford	28,920	8	194	52,778	411,148	571,451	160,303
Crittenden	42,473	12	322				
Cross	26,046	6	67	37,411	60,978	158,938	107,960
Dallas	14,471	17	844	522,560	1,042,568	2,480,448	1,437,880
Desha	27,160	6	104	62,006	139,445	245,040	105,595
Drew	19,831	16	563	288,521	732,208	1,333,665	601,457
Faulkner	25,890	4	31	30,764	220,840	338,650	117,810
Franklin	15,683	5	26	8,233	58,614	110,002	51,388
Fulton	10,253						
Garland	41,664	29	901	564,961	1,010,235	2,360,288	1,350,053
Grant	10,477	11	419	283,320	383,899	976,304	592,405
Greene	80,204	19	651	312,499	600,642	1,332,664	642,022
Hempstead	32,770	16	667	446,955	890,802	1,770,102	879,300
Hot Spring	18,916	23	908	576,962	1,186,508	2,483,982	1,297,474
Howard	16,621	8	423				
Independence	25,642	18	212	116,843	221,851	524,056	302,205
Izard	12,834	3	21	11,776	17,112	36,370	19,258
Jackson	26,427	18	176	98,281	848,057	1,223,078	375,021
Jefferson	68,101	61	1,485	1,057,715	4,053,267	6,922,750	2,869,483
Johnson	18,795	9	50	34,930	111,861	213,435	101,574
Lafayette	16,851	7	206	92,823	170,045	386,269	216,224
Lawrence	22,651	6	62	41,872	37,036	110,510	73,474
Lee	26,810	3	12				
Lincoln	19,709	4	86	30,110	61,057	176,408	115,351
Little River	15,932	16	397	208,309	456,641	891,578	434,935
Logan	25,967	8	62	34,230	123,588	233,555	109,967
Lenoire	29,802	9	64				
Madison	14,531	9	99	14,503	92,999	127,439	34,440
Marion	9,464	1					
Miller	31,874	17	347	249,879	1,122,299	1,883,495	761,196
Mississippi	80,217	28	965	532,113	2,990,683	4,551,773	1,561,090
Monroe	21,133	17	220	111,419	270,674	667,591	396,917
Montgomery	8,876	4	120	80,840	301,716	301,028	196,312
Nevada	19,869	10	332	232,020	981,572	2,064,148	1,082,576
Newton	10,881	2					
Ouachita	31,151	26	1,748	1,523,685	7,024,274	10,950,868	3,926,594
Perry	8,392	3	25	12,323	16,128	33,440	17,312
Phillips	45,970	26	2,157	1,310,404	2,982,445	5,610,104	2,627,659
Pike	11,786	4	215				

See footnotes at end of table.

ARKANSAS

71

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 manufacture ⁵
COUNTIES ⁶ —continued							
Poinsett.....	37, 670	14	797	\$540, 265	\$344, 647	\$1, 854, 157	\$1, 009, 510
Polk.....	15, 832	26	421	190, 124	537, 313	977, 362	440, 049
Pope.....	25, 682	16	223	99, 370	240, 185	507, 816	267, 631
Prairie ⁷	15, 304	4	49				
Pulaski.....	169, 085	142	4, 576	3, 385, 853	18, 039, 528	28, 763, 767	10, 124, 239
Randolph.....	18, 319	8	119	65, 995	77, 643	216, 298	138, 655
St. Francis.....	36, 043	14	303	161, 753	1, 209, 727	1, 830, 420	620, 693
Saline.....	19, 163	15	571	355, 434	959, 443	1, 685, 518	726, 075
Scott.....	13, 300	7	411	300, 649	298, 215	1, 193, 303	895, 088
Searay ⁸	11, 942	1					
Sebastian.....	62, 809	81	3, 477	3, 040, 259	9, 908, 977	18, 114, 183	8, 145, 206
Sevier.....	15, 248	9	137	83, 940	229, 004	461, 233	232, 229
Sharp ⁹	11, 497						
Stone ⁹	8, 603	1					
Union.....	50, 461	53	2, 161	1, 936, 536	12, 237, 705	17, 528, 729	5, 291, 024
Van Buren.....	12, 518	4	50	26, 501	31, 008	79, 005	47, 997
Washington.....	41, 114	33	508	230, 432	1, 659, 419	2, 592, 762	933, 343
White.....	37, 176	13	166	74, 477	168, 425	466, 562	298, 137
Woodruff.....	22, 133	7	283	159, 499	202, 490	583, 536	361, 037
Yell.....	20, 970	10	145	82, 412	212, 749	425, 882	213, 133
Undistributed ⁹		52	1, 334	767, 155	3, 111, 256	5, 691, 995	2, 580, 739
PLACES HAVING 10,000 OR MORE INHABITANTS							
Blytheville.....	10, 652	11	337	217, 328	773, 020	1, 476, 345	703, 325
El Dorado ⁹	15, 858	20	476				
Fort Smith.....	36, 584	74	3, 141	2, 694, 071	7, 983, 276	15, 227, 182	7, 238, 906
Hot Springs.....	21, 370	20	165	125, 013	396, 307	937, 613	541, 306
Jonesboro.....	11, 729	22	464	283, 202	927, 986	2, 208, 966	1, 280, 980
Little Rock.....	88, 039	116	3, 565	2, 729, 086	11, 479, 701	19, 353, 207	7, 878, 306
North Little Rock.....	21, 137	17	416	254, 181	2, 762, 206	3, 808, 812	1, 040, 606
Pine Bluff.....	21, 290	40	971	709, 923	2, 801, 381	4, 985, 078	2, 183, 697
Texarkana, Arkansas and Texas, total.....	28, 840	52	1, 173	828, 627	3, 154, 013	5, 859, 390	2, 705, 377
Texarkana, Arkansas.....	11, 821	15	245	828, 627	3, 154, 013	5, 859, 390	2, 705, 377
Texarkana, Texas.....	17, 019	37	928				

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.

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	47,146	44,084	Salaried officers and employees—Continued.		
Male.....	41,370	40,212	All other employees, etc.—Continued.		
Female.....	5,776	3,872	Engaged in manufacturing:		
Salaried officers and employees, total.....	5,601	4,160	Male.....	2,151	
Male.....	4,768	3,529	Female.....	655	
Female.....	833	631	Engaged in distribution:		
Salaried officers of corporations, total.....	474	573	Male.....	1,798	
Male.....	438	557	Female.....	216	(3)
Female.....	36	16	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total.....	5,127	3,587	Male.....	308	
Male.....	4,830	2,972	Engaged in other work:		
Female.....	797	615	Male.....	73	
			Female.....	27	
			Wage earners engaged in manufacturing, total.....	41,545	39,924
			Male.....	36,602	36,683
			Female.....	4,943	3,241

¹ See headnote.

² Figures do not include data for 930 proprietors and firm members for 1939 and 1,367 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.....	36,256	32,370	33,610	35,069	34,427	34,057	34,515	35,836	37,306	40,064	40,233	38,991	38,533
1937.....	37,280	34,625	35,643	36,985	36,787	37,983	37,072	37,320	41,717	42,012	39,296	35,201	32,721
1929.....	39,890	37,942	37,469	37,665	38,285	37,891	39,095	40,853	45,046	46,177	42,896	38,860	36,634

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 ESTABLISH- MENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFAC- TURE ²
	1939	1929	1939	1929	1939	1939
All establishments.....	1,178	1,697	36,256	39,890	\$160,166,084	\$87,300,149
No wage earners.....	15	24				
1 to 5.....	456	969	1,266	3,671	809,876	77,957
6 to 20.....	373	352	4,194	3,872	10,691,442	5,778,109
21 to 50.....	159	193	5,147	6,328	20,417,122	8,913,315
51 to 100.....	96	73	6,814	5,209	24,115,949	9,255,120
101 to 250.....	55	65	8,404	9,898	33,106,962	12,542,888
251 to 500.....	18	11	6,448	4,118	33,815,342	14,810,134
501 to 1,000.....	5				24,495,697	10,166,991
1,001 to 2,500.....	1	10	3,983	6,764	13,224,594	6,346,135

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.....	1,178	1,097	36,256	39,860	\$160,166,984	\$195,938,667	\$67,390,149	\$86,976,072
\$5,000 to \$19,999.....	496	869	2,702	3,459	5,402,683	8,797,605	3,268,676	5,431,194
\$20,000 to \$49,999.....	266	350	3,043	3,203	8,528,605	10,919,812	4,865,149	6,365,071
\$50,000 to \$99,999.....	126	168	2,434	3,136	8,927,448	11,091,633	4,961,630	6,311,199
\$100,000 to \$249,999.....	137	146	6,736	6,081	22,055,351	22,631,024	10,525,771	11,955,142
\$250,000 to \$499,999.....	77	85	6,057	6,978	26,530,692	30,303,362	12,073,291	12,781,031
\$500,000 to \$999,999.....	47	50	7,115	5,859	34,526,069	35,258,297	13,910,379	13,874,940
\$1,000,000 to \$2,499,999.....	23	30	5,621	7,507	30,477,813	43,692,752	9,743,488	18,544,941
\$2,500,000 to \$4,999,999.....	5							
\$5,000,000 and over.....	1	9	2,548	3,687	23,718,323	33,247,182	8,041,795	11,711,654

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 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.....	1,178	1,097	36,256	39,860	\$160,166,984	\$195,938,667	\$67,390,149	\$86,976,072
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	276	(⁴)	16,021	(⁴)	82,985,778	(⁴)	30,703,224	(⁴)
Independent (single-unit).....	233	(⁴)	10,885	(⁴)	49,280,644	(⁴)	22,794,358	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	78	(⁴)	1,623	(⁴)	5,138,550	(⁴)	2,796,137	(⁴)
Independent (single-unit).....	591	(⁴)	7,727	(⁴)	22,762,012	(⁴)	11,096,430	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	354	293	17,644	15,858	88,124,828	86,721,119	33,499,361	36,612,037
Independent (single-unit), corporate and noncorporate.....	824	1,404	18,612	24,002	72,042,656	109,217,548	33,890,788	50,364,035
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	509	567	26,906	30,348	132,266,422	164,166,645	53,497,582	69,875,832
Noncorporate, total.....	669	1,130	9,350	9,512	27,900,562	31,772,022	13,892,567	17,100,240
Individual.....	449	(⁴)	4,834	(⁴)	12,474,775	(⁴)	6,763,797	(⁴)
Partnership.....	212	(⁴)	4,336	(⁴)	13,887,341	(⁴)	6,641,358	(⁴)
Cooperative.....	6							
Other.....	2		180		1,538,446		487,382	

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.

CENSUS OF MANUFACTURES: 1939

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- pri- etors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corpora- tions ³	Manufacturing ⁴		Distri- bution	Con- struc- tion	Other
						Salaried employ- ees ⁵	Wage earners (average for year) ⁶			
1	All industries, total.....	1,178	930	41,857	474	2,708	36,256	2,013	308	100
2	Baskets for fruits and vegetables.....	4	6	464	7	14	443			
3	Biscuit, crackers, and pretzels.....	1	6	231	3	13	184	81		
4	Bread and other bakery products (except biscuit, crackers, and pretzels).....	65	65	1,081	7	75	873	117	3	6
5	Brick and hollow structural tile.....	7	3	459	1	20	430	7		1
6	Brooms.....	5	5	55	2	2	49	2		
7	Buttons.....	6	3	152		9	143			
8	Candy and other confectionery products.....	5	3	71	2	4	43	22		
9	Canned and dried fruits and vegetables (including canned soups).....	40	52	931	11	33	883	3	1	
10	Caskets, coffins, burial cases, and other morticians' goods.....	8	3	216	11	10	168	27		
11	Cheese.....	9	3	39		4	34	1		
12	Cotton broad woven goods.....	4		666	4	13	649			
13	Cottonseed oil, cake, meal, and linters.....	26	8	1,671	11	162	1,436	48	9	5
14	Creamery butter.....	11	8	76	2	15	61	8		
15	Drugs and medicines (including drug grinding).....	5	3	54	1	9	80	14		
16	Fertilizers.....	8		156	5	19	119	13		
17	Flour and other grain-mill products.....	10	11	28	2	2	23	1		
18	Food preparations, not elsewhere classified.....	3	5	36		3	32	1		
19	General commercial (job) printing.....	39	40	448	31	47	325	45		
20	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	4	2	191	2	8	181			
21	Household furniture, except upholstered.....	10		1,959	23	104	1,736	63	2	31
22	Ice cream and ices.....	19	20	204	8	24	96	69	6	1
23	Ice, manufactured.....	108	43	804	22	63	274	304	48	3
24	Logging camps and logging contractors (not operating sawmills).....	35	35	342		3	330	9		
25	Machine-shop products, not elsewhere classified.....	4	4	65	2	5	49	2		
26	Machine-shop repairs.....	20	19	156	11	9	134	2		
27	Mattresses and bedsprings.....	6	3	119	8	6	100	3		2
28	Meat packing, wholesale.....	6	6	213	2	19	105	86	1	
29	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	3	35	4	1	29	1		
30	Motor vehicles, motor-vehicle bodies, parts and accessories.....	5	4	62	3	3	54	2		
31	Newspapers: publishing and printing.....	83	78	1,070	36	280	529	225		
32	Nonalcoholic beverages.....	73	51	782	33	76	338	325	6	4
33	Paperboard containers and boxes not elsewhere classified.....	3		128	6	11	102	9		
34	Periodicals: publishing and printing.....	3	3	16		8	8			
35	Periodicals: publishing without printing.....	6	1	20	3	13	4			
36	Petroleum refining.....	6		828	9	79	612	68	60	
37	Planing mills not operated in conjunction with sawmills.....	28	15	1,451	30	65	1,324	30		2
38	Prepared feeds (including mineral) for animals and fowls.....	11		220	17	26	145	32		
39	Pumping equipment and air compressors.....	3	1	49		9	38	2		
40	Rice cleaning and polishing.....	11	4	539	10	90	389	31	3	10
41	Sausages, prepared meats, and other meat products—not made in meat- packing establishments.....	9	6	56		10	36	10		
42	Sawmills, veneer mills, and cooperage-stock mills, including those com- bined with logging camps and with planing mills.....	327	339	17,454	71	775	16,347	184	72	5
43	Sheet-metal work not specifically classified.....	4	2	97	3	7	78	8		1
44	Signs, advertising displays, and advertising novelties.....	5	6	36	2	4	27	3		
45	Upholstered household furniture.....	3		513	9	39	462	4		
46	Vinegar and cider.....	4	1	32		6	22	3		
47	Wines.....	8	7	39	3	2	33	1		
48	Wooden boxes except cigar boxes.....	4	1	245	4	9	232			
49	Wood preserving.....	4		409		21	388			
50	Wood products not elsewhere classified.....	23	20	1,075	10	75	981	9		
51	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	4	1	927	8	37	834	29		19
52	Other industries ⁷	126	67	7,359	66	566	6,390	197	100	40
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁸										
53	Food and kindred products.....	26	17	939	14	120	713	73	3	16
54	Apparel and other finished products made from fabrics and similar mate- rials.....	9	2	1,527	9	69	1,396	32	2	19
55	Furniture and finished lumber products.....	11	5	632	1	36	595			
56	Printing, publishing, and allied industries.....	4	4	29	3	5	19	2		
57	Chemicals and allied products.....	15	5	289	3	35	229	22		
58	Products of petroleum and coal.....	2	7	69		8	61			
59	Stone, clay, and glass products.....	16	4	858	19	56	753	26		4
60	Iron and steel and their products, except machinery.....	8	7	430	3	35	392			
61	Nonferrous metals and their products.....	8	5	287	7	21	250	8		1
62	Machinery (except electrical).....	10	6	146	4	20	108	14		
63	Paper and allied products.....	6		1,723		140	1,478	13	92	
64	Miscellaneous industries.....	4	1	59		2	49	7	1	
65	Textile-mill products and other fiber manufactures.....	2								
66	Lumber and timber basic products.....	1								
67	Rubber products.....	1								
68	Electrical machinery.....	1	4	371	3	19	347		2	
69	Transportation equipment except automobiles.....	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 corresponding 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 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 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	Dollars	Dollars
33,865,222	2,041,708	4,168,537	24,877,234	2,558,928	304,463	124,352	92,776,835	87,309,584	2,016,579	2,076,666	1,374,006	160,166,984	67,390,149	1
270,812	14,250	22,428	234,134	(³)	(³)	(³)	182,407	180,340	555	1,512	(³)	649,739	467,332	2
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	3
1,120,603	35,016	108,971	877,499	95,507	779	2,831	2,186,830	2,082,807	49,253	54,779	(³)	4,910,418	2,723,579	4
348,311	4,800	31,708	285,861	25,342	(³)	600	398,906	176,537	181,768	40,691	(³)	1,046,596	647,600	5
47,747	1,206	1,979	41,182	3,380	(³)	(³)	108,852	107,600	212	1,040	(³)	213,876	105,024	6
90,158	(³)	6,092	84,066	(³)	(³)	(³)	60,670	56,584	688	3,398	(³)	156,926	96,256	7
68,319	9,400	6,393	27,413	25,113	(³)	(³)	126,038	122,307	2,483	2,148	(³)	204,639	77,701	8
278,487	28,526	31,017	212,810	4,825	1,190	(³)	1,782,029	1,699,583	46,837	24,605	11,004	2,531,469	749,440	9
233,492	50,172	13,935	123,836	45,549	(³)	(³)	329,890	320,593	2,239	7,058	(³)	714,666	384,776	10
36,165	(³)	5,804	30,114	247	(³)	(³)	298,691	288,218	5,108	5,365	(³)	378,408	79,717	11
461,010	12,075	24,723	423,321	(³)	(³)	(³)	949,039	866,652	9,361	73,026	(³)	1,672,282	723,243	12
1,310,661	25,050	307,413	890,270	80,492	9,820	607	14,138,352	13,721,401	162,208	254,743	(³)	17,340,538	3,202,186	13
90,555	3,550	13,008	39,496	4,501	(³)	(³)	1,096,925	1,072,105	9,667	15,163	(³)	1,227,066	130,141	14
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	15
92,646	3,900	25,762	55,446	6,448	(³)	(³)	779,075	770,571	1,171	7,333	(³)	1,284,705	506,630	16
17,369	2,840	836	13,068	625	(³)	(³)	139,266	133,628	2,586	3,051	(³)	172,012	32,747	17
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	18
692,131	131,354	71,681	427,040	62,056	(³)	(³)	651,569	625,665	4,563	15,854	5,487	1,769,417	1,117,848	19
99,975	3,300	6,044	90,631	(³)	(³)	(³)	228,121	216,098	805	1,719	9,999	386,780	158,659	20
1,684,512	130,693	146,915	1,183,468	146,765	4,673	71,998	2,792,287	2,732,096	25,233	34,968	(³)	5,441,196	2,648,909	21
178,501	22,300	25,001	68,658	54,179	7,694	669	569,869	531,279	7,210	31,380	(³)	1,099,733	529,864	22
585,924	43,384	81,756	223,358	218,440	17,993	993	426,706	160,891	82,096	182,819	(³)	1,093,962	1,477,246	23
136,049	(³)	1,656	134,393	(³)	(³)	(³)	126,273	86,626	25,152	(³)	14,695	486,388	360,115	24
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	25
207,455	32,366	13,438	158,451	3,200	(³)	(³)	188,661	174,099	3,401	11,161	(³)	570,294	381,633	26
133,183	31,194	9,559	88,233	3,587	(³)	600	322,143	317,642	780	3,726	(³)	543,439	221,691	27
268,680	8,246	33,030	99,162	127,104	238	(³)	1,814,731	1,759,268	6,052	18,811	(³)	2,034,276	219,544	28
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	29
78,194	24,000	6,716	45,704	1,774	(³)	(³)	287,028	280,872	721	5,435	(³)	398,390	111,302	30
1,492,306	142,505	424,211	672,046	248,376	5,168	(³)	812,389	752,212	16,405	40,573	3,199	3,848,381	3,035,992	31
1,005,275	159,873	160,528	253,651	420,223	5,912	5,088	2,226,815	2,159,676	21,609	44,920	610	5,632,283	3,405,468	32
126,454	25,780	15,335	72,762	12,587	(³)	(³)	282,924	278,140	1,500	3,284	(³)	507,749	224,825	33
15,558	(³)	0,876	9,182	(³)	(³)	(³)	10,200	8,520	365	724	600	40,311	30,102	34
20,027	5,137	11,452	3,438	(³)	(³)	(³)	20,065	(³)	(³)	(³)	29,065	63,263	34,198	35
1,446,115	79,141	199,748	881,089	179,322	105,815	(³)	11,034,485	10,484,772	421,203	128,510	(³)	14,327,824	3,293,389	36
1,137,620	94,715	98,354	883,094	60,794	(³)	663	2,430,329	2,384,769	5,881	13,689	26,000	4,167,340	1,737,011	37
280,785	85,966	36,699	110,744	47,054	322	(³)	2,352,312	2,313,831	11,226	27,255	(³)	2,889,302	536,980	38
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	39
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	40
53,133	(³)	10,425	33,058	9,660	(³)	(³)	939,277	927,378	3,873	8,026	(³)	1,099,074	159,797	41
11,328,833	303,255	1,059,897	9,659,861	222,812	76,065	6,953	14,018,469	12,740,055	114,179	101,781	1,062,454	35,222,273	21,203,804	42
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	43
40,634	6,000	6,800	23,454	4,380	(³)	(³)	34,063	32,247	555	1,261	(³)	94,630	60,567	44
503,222	72,187	74,818	346,950	9,267	(³)	(³)	929,587	919,065	5,630	4,892	(³)	1,672,707	743,120	45
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	46
38,641	20,000	2,006	15,435	1,200	(³)	(³)	63,087	60,902	1,641	544	(³)	185,276	122,189	47
153,663	13,400	11,594	128,669	(³)	(³)	(³)	186,942	182,587	(³)	4,355	(³)	363,584	208,942	48
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	49
778,452	31,222	112,591	617,624	17,015	(³)	(³)	1,439,267	1,410,670	15,316	7,225	6,056	2,548,561	1,109,294	50
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	51
6,635,676	383,816	940,938	5,011,012	407,666	158,794	33,350	26,002,254	24,141,408	760,047	889,862	204,937	40,336,922	14,334,668	52
776,396	66,682	189,412	402,707	100,672	7,306	9,617	6,768,024	6,724,257	13,561	30,206	(³)	8,998,810	2,230,786	53
1,056,481	136,220	90,808	683,901	127,885	1,680	15,987	2,712,241	2,684,218	4,344	17,449	6,230	3,717,565	1,005,324	54
395,596	4,671	55,099	335,856	(³)	(³)	(³)	2,848,244	2,798,246	40,669	9,329	(³)	3,864,024	1,015,780	55
45,327	12,488	5,537	21,471	5,831	(³)	(³)	16,680	14,636	347	1,697	(³)	87,029	70,349	56
265,333	4,812	59,574	163,607	37,840	(³)	(³)	828,149	776,470	37,507	15,172	(³)	1,679,123	850,974	57
62,513	(³)	13,700	48,813	(³)	(³)	(³)	381,176	364,767	7,267	8,148	994	726,057	344,881	58
1,035,204	66,102	110,173	800,232	46,224	4,883	7,600	1,260,573	911,349	222,631	124,268	2,325	3,450,447	2,150,874	59
459,312	23,359	59,729	376,224	(³)	(³)	(³)	839,237	796,392	14,466	28,379	(³)	1,471,354	632,117	60
380,000	25,791	41,839	294,204	18,016	(³)	156	1,738,292	1,641,062	83,099	14,131	(³)	2,460,279	730,987	61
190,907	15,571	24,717	125,233	31,386	(³)	(³)	434,313	426,074	2,515	6,724	(³)	922,325	488,012	62
2,262,501	28,120	290,380	1,758,764	40,312	144,925	(³)	8,175,325	7,004,937	339,641	635,359	195,388	12,950,909	4,775,584	63

* 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	1,178	490		6	13	391	69	9	135	49	9	1		23	8	8	1	30	5	1	20
Arkansas	25	12				8			2							1		2			
Ashley	29	2				13	1	2	1	1											
Baxter	2					1			1												
Benton	24	17				1			5					1							
Boone	15	8				4			2												1
Bradley	21	3								1	1							1			
Calhoun	8					15			1		1										
Carroll	16	7				7			1												
Chicot	13	4				5	2		1		3								1		
Clark	17	5				6			2		1										
						9															
Clay	10	6				1	1		1												1
Cleburne	5					3	1		1												
Cleveland	7					7															
Columbia	21	4		1		10			1	3									2		
Conway	8	5		1					2												
Craighead	29	12				4	3		6	3				1							
Crawford	8	6					1		1												
Crittenden	12	3				5			2	1								1			
Cross	6	3				2			1												
Dallas	17	3				11	2		1												
Desha	6	2				3			1												
Drew	16	3				9			1	1											
Faulkner	4	2		1					1						1						
Franklin	5	5																	1		
Garland	29	16			1	8			4												
Grant	11	1																			
Greene	19	7				10															
Hempstead	16	5			1	5	2		2		1					1		1			
Hot Spring	23	4		1		4	2		1					1				2			
Howard	8	2				10			3					3							
						4			1					1							
Independence	18	5				8			2												
Izard	3					3								2							1
Jackson	18	9				1															
Jefferson	51	15				2	3		3	1											2
Johnson	9	3				15			7	2				1	1	1		3	1		2
						5												1			
Lafayette	7	2				5															
Lawrence	6	3				1			1												
Lee	3	1							1												1
Lincoln	4			1		4															
Little River	16	1				12	1		1	1											
Logan	8	2				3															
Lonoke	9	4				2	1		2	1											
Madison	9	7				1			1									1			
Marion	1	1																			
Miller	17	4				3	1		3	2						1	1			1	1
Mississippi	28	16			1	3			4	3											
Monroe	17	6				7	1		1									1			
Montgomery	4					4															
Nevada	10	1				4	1		1	1	2										2
Newton	2					1	1														
Ouachita	26	6																			
Perry	3					10	1	4	1	1	1				1						
Phillips	26	11		1		3	2		2	1				1							
Pike	4	3				6															
Poinsett	14	1				3												2			1
						8	1		2												
Polk	26	5																			
Pope	16	6				19	1		1												
Prairie	4	1				5			3												
Pulaski	142	55		1	5	3												1			1
Randolph	8	1				10	14	2	23	14		1		4	3	1		8			6
						5	1		1												
St. Francis	14	5			1	4	2			1	1										
Saline	15	2				8	2		1		1										
Scott	7	1				6								1							
Searcy	1	1																			
Sebastian	81	27			2	4	15	1	10	6	1			5	2	3		2	2		1
Sevier	9	3																			
Stone	1					4			1												
Union	53	11				1												1			
Van Buren	4					24			5	2	5										
						4								1				5			
Washington	33	24			1	2															
White	12	7				4	1		3					1							
Woodruff	7	2				1			1									1			
Yell	10	1				6			3												

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 ARKANSAS				STATE OF ARKANSAS—Continued			
1	Biscuit, crackers, and pretzels.....	4	184	10	Fuel briquets.....	1	-----
	Condensed and evaporated milk.....	1	-----		Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	-----
	Cooking and other edible fats and oils, not elsewhere classified.....	1	-----		Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	-----
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1	-----	11	Rubber products not elsewhere classified.....	1	-----
	Food preparations, not elsewhere classified.....	8	32	13	Cement.....	1	-----
	Poultry dressing and packing, wholesale.....	1	-----		Concrete products.....	2	-----
	Rice cleaning and polishing.....	11	389		Flat glass.....	1	-----
	Vinegar and cider.....	4	22		Lime.....	2	-----
3	Cordage and twine.....	1	-----		Minerals and earths, ground or otherwise treated.....	2	-----
	Hosiery—seamless.....	1	-----		Mirrors and other glass products made of purchased glass.....	1	-----
4	Canvas products (except bags).....	1	-----		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	29
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	2	-----		Pottery products not elsewhere classified.....	2	-----
	Miscellaneous fabricated textile products not elsewhere classified.....	2	-----		Tableware, pressed or blown glass, and glassware not elsewhere classified.....	1	-----
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	4	834	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	-----
5	Plywood mills.....	1	-----		Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	2	-----
6	Cooperage.....	1	-----		Gray-iron and semisteel castings.....	1	-----
	Excelsior.....	2	-----		Power boilers and associated products.....	1	-----
	Office furniture.....	1	-----		Steel castings.....	1	-----
	Partitions, shelving, cabinet work, and office and store fixtures.....	1	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	1	-----
	Venetian blinds.....	1	-----		Tools (except edge tools, machine tools, files, and saws).....	1	-----
	Window and door screens and weather strip.....	1	-----	15	Nonferrous-metal foundries (except aluminum).....	2	-----
	Wood preserving.....	4	388		Primary smelting and refining of nonferrous metals.....	2	-----
7	Paper and paperboard mills.....	2	-----		Sheet-metal work not specifically classified.....	4	78
	Paper bags, except those made in paper mills.....	2	-----	16	Batteries, storage and primary (dry and wet).....	1	-----
	Pulp mills.....	2	-----	17	Blowers; exhaust and ventilating fans.....	2	-----
8	Engraving (steel, copperplate, and wood); plate printing.....	1	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	1	-----
	Newspapers: publishing without printing.....	1	-----		Machine-shop products, not elsewhere classified.....	4	49
	Photoengraving, not done in printing establishments (including preparation of plates).....	2	-----		Pumping equipment and air compressors.....	3	38
9	Chemicals not elsewhere classified.....	1	-----	19	Cars and car equipment—railroad, street, and rapid-transit.....	1	-----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2	-----	20	Hand stamps, stencils, and brands.....	1	-----
	Drugs and medicines (including drug grinding).....	5	30		Sporting and athletic goods not elsewhere classified.....	2	-----
	Explosives.....	1	-----		Tobacco pipes and cigarette holders.....	1	-----
	Hardwood distillation and charcoal manufacture.....	1	-----				
	Insecticides, fungicides, and related industrial and household chemical compounds.....	2	-----				
	Lubricating oils and greases—not made in petroleum refineries.....	2	-----				
	Perfumes, cosmetics, and other toilet preparations.....	1	-----				

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

CALIFORNIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

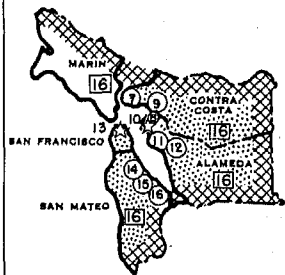
KEY TO PLACES

ALAMEDA	11	LODI	5	SACRAMENTO	3
ALBANY	8	LONG BEACH	48	SALINAS	22
ALHAMBRA	35	LOS ANGELES	36	SAN BERNARDINO	50
ANAHEIM	54	LYNWOOD	45	SAN DIEGO	56
BAKERSFIELD	28	MAYWOOD	42	SAN FRANCISCO	13
BELL	41	MERCED	20	SAN GABRIEL	34
BERKELEY	9	MODESTO	19	SAN JOSE	10
BEVERLY HILLS	37	MONROVIA	31	SAN LEANDRO	12
BRAWLEY	58	MONTEREY	23	SAN MATEO	15
BURBANK	28	NATIONAL CITY	57	SANTA ANA	55
BURLINGAME	14	OAKLAND	10	SANTA BARBARA	26
COMPTON	46	ONTARIO	49	SANTA CRUZ	21
EL CENTRO	59	PALO ALTO	17	SANTA MONICA	38
EUREKA	1	PASADENA	30	SANTA ROSA	2
FRESNO	24	POMONA	32	SOUTH GATE	44
FULLERTON	53	REDLANDS	51	SOUTH PASADENA	33
GLENDALE	29	REDONDO BEACH	47	STOCKTON	6
HUNTINGTON PARK	40	REDWOOD CITY	16	VALLEJO	4
INGLEWOOD	39	RICHMOND	7	VENTURA	27
		RIVERSIDE	52	WHITTIER	43

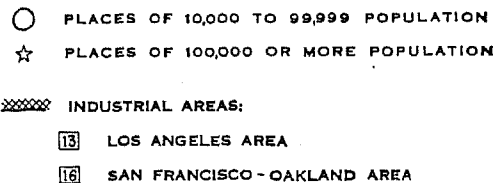
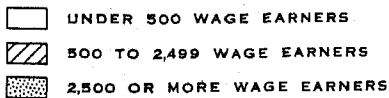
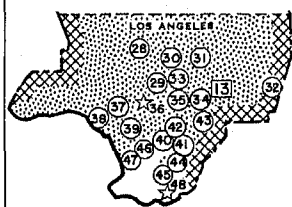
(★ SAN BUENAVENTURA)

INDUSTRIAL AREAS

SAN FRANCISCO-OAKLAND



LOS ANGELES



CALIFORNIA

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	12,329	11,184	323,704	\$475,967,916	\$1,663,021,936	\$2,798,179,523	\$1,135,157,587
1937	10,861	8,884	358,083	503,734,760	1,808,268,678	2,899,865,426	1,001,596,748
1929	11,713	9,035	315,621	500,283,869	1,655,139,288	2,841,845,647	1,186,706,359

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 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 ^{3,4}	Value of products ⁵	Value added by manufacture ⁶
The State:							
Manufacturing and printing and publishing industries and motion-picture production (not including distribution and projection in theaters), total	6,907,387	12,422	297,050	\$408,210,675	\$1,663,021,936	\$2,798,179,523	\$1,135,157,587
Manufacturing and printing and publishing industries		12,329	275,477	365,114,340	1,663,021,936	2,798,179,523	
INDUSTRIAL AREAS							
Los Angeles area ⁷ :							
Manufacturing and printing and publishing industries and motion-picture production (not including distribution and projection in theaters), total	2,755,643	5,632	147,954	\$207,715,087	740,016,793	1,406,202,553	
Manufacturing and printing and publishing industries		5,594	126,391	166,630,467	706,906,903	1,219,433,652	512,526,749
San Francisco-Oakland area ⁸	1,412,686	3,441	76,374	110,964,281	600,156,725	960,636,411	360,479,686
COUNTIES ⁹							
Alameda	513,011	978	27,040	37,888,309	159,477,503	282,405,138	122,927,635
Alpine ¹⁰	323						
Amador	8,973	8	76	93,241	106,331	810,084	203,753
Butte	42,840	47	1,201	1,558,779	4,691,880	7,912,837	3,320,957
Calaveras ¹¹	8,221	13	183				
Colusa	9,788	11	54	45,164	527,474	726,399	198,925
Contra Costa	100,450	126	13,787	22,124,608	231,853,303	314,344,065	82,460,762
Del Norte	4,745	7	88	111,714	411,968	649,172	237,214
El Dorado	13,229	18	988	1,416,253	1,372,397	3,758,521	2,886,124
Fresno	178,565	259	4,933	5,298,891	32,650,364	51,637,293	18,880,929
Glenn	12,195	16	176	208,742	2,010,798	2,702,836	692,038
Humboldt	45,812	91	4,340	5,378,963	6,618,201	18,010,195	11,891,994
Imperial	59,740	55	441	532,876	2,980,237	5,133,034	2,153,697
Inyo	7,625	12	102	142,382	313,916	692,082	378,176
Kern	135,124	112	1,295	2,036,027	21,381,551	31,263,635	9,872,084
Kings	35,168	44	637	603,404	6,344,801	9,132,520	2,787,719
Lake	8,069	16	236	123,679	259,395	586,096	326,701
Lassen	14,479	18	2,543	3,575,230	2,470,348	7,497,528	5,027,180
Los Angeles	2,755,643	5,594	126,391	166,630,467	706,906,903	1,219,433,652	512,526,749
Madera	23,314	21	180	208,021	1,895,710	3,081,705	1,275,995
Marin	52,907	54	271	361,911	1,558,195	2,789,318	1,231,123
Mariposa ¹²	5,605	5	70				
Mendocino	27,864	40	1,530	1,779,276	1,097,181	4,043,626	2,946,445
Merced	46,988	51	1,099	1,392,966	6,662,208	9,819,506	3,157,298
Modoc	8,713	15	932	1,277,150	1,394,861	3,492,747	2,097,886
Monroe ¹³	2,299						
Monterey	73,032	92	2,352	2,449,810	15,353,001	27,136,030	11,783,029
Napa	28,503	60	721	888,113	2,610,895	4,450,633	1,839,738
Nevada	19,283	19	115	156,850	199,453	504,731	305,278
Orange	130,760	133	2,113	2,127,787	11,258,850	19,512,769	8,253,909
Placer	28,106	26	883	1,312,829	1,798,541	3,823,441	2,024,900
Plumas	11,548	21	1,185	1,025,714	1,665,938	4,308,975	2,643,037
Riverside	105,524	83	1,496	1,770,324	4,043,468	11,517,121	7,473,653
Sacramento	170,333	227	5,044	6,103,055	29,347,201	48,185,404	18,838,203
San Benito	11,392	12	118	100,766	841,642	649,361	307,719
San Bernardino	161,108	122	2,961	4,261,308	10,164,282	25,562,389	15,398,107

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 materials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of prod- ucts ⁴	Value added by manufac- ture ⁵
COUNTIES ⁶ —continued							
San Diego.....	289,348	282	6,016	\$7,483,051	\$19,952,448	\$41,821,822	\$21,869,374
San Francisco.....	634,536	2,172	31,789	44,723,211	174,783,186	313,252,639	138,469,453
San Joaquin.....	134,207	207	4,350	5,248,193	28,373,400	46,692,201	18,318,801
San Luis Obispo.....	33,246	34	171	200,865	1,217,606	1,849,952	632,346
San Mateo.....	111,782	111	3,483	5,866,242	32,454,538	47,845,251	15,390,713
Santa Barbara.....	70,555	75	740	1,019,250	4,665,683	8,712,343	4,046,660
Santa Clara.....	174,949	312	9,318	10,036,654	48,236,440	78,074,685	29,838,245
Santa Cruz.....	45,057	70	1,045	1,203,648	4,121,471	7,958,763	3,337,292
Shasta.....	28,800	37	403	499,165	1,090,294	2,104,577	1,014,283
Sierra.....	3,025	5	483	689,577	1,473,346	2,889,305	1,416,049
Siskiyou.....	28,598	41	3,022	4,345,189	4,016,179	11,949,325	7,933,146
Solano.....	49,118	42	753	1,076,172	10,656,486	16,037,693	5,381,207
Sonoma.....	69,052	185	1,564	1,613,078	11,402,177	17,250,013	5,847,836
Stanislaus.....	74,866	105	2,715	2,562,038	18,007,168	25,851,109	7,843,941
Sutter.....	18,680	18	501	348,172	1,384,403	1,930,784	546,331
Tehama.....	14,316	17	174	143,642	946,322	1,408,924	402,602
Trinity.....	3,970	3	8	6,951	11,587	33,548	21,061
Tulare.....	107,152	80	1,055	1,133,047	9,473,040	13,339,277	3,866,237
Tuolumne.....	10,887	14	921	1,287,131	672,927	2,807,224	2,134,297
Ventura.....	69,685	64	618	886,239	7,302,792	10,386,007	3,083,215
Yolo.....	27,243	27	584	850,711	10,594,244	16,152,261	5,558,017
Yuba.....	17,034	23	120	143,993	1,532,325	2,076,186	543,861
Undistributed ¹⁰		18	253	354,908	1,039,088	2,791,851	1,752,763
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alameda.....	36,256	46	883	1,216,992	3,028,473	5,913,981	2,885,508
Albany.....	11,493	4	8	11,613	63,911	108,719	44,808
Alhambra.....	39,895	63	1,760	2,340,781	5,363,556	10,412,122	5,048,666
Anaheim.....	11,031	22	269	225,256	1,351,623	2,402,562	1,031,179
Bakersfield.....	29,252	45	406	710,802	2,220,181	4,060,199	2,431,018
Bell.....	11,264	8	154	194,682	370,704	847,238	476,534
Berkeley.....	85,547	154	2,779	4,235,105	19,600,602	34,846,392	15,245,490
Beverly Hills.....	26,823	21	477	680,466	1,496,599	3,860,424	2,860,825
Brawley.....	11,718	9	76	84,206	472,584	873,176	400,591
Burbank ¹¹	34,337	46	5,736				
Burlingame.....	15,940	11	61	95,887	232,827	568,532	335,705
Compton.....	16,193	26	422	524,318	1,626,401	3,210,357	1,583,956
El Centro.....	10,017	21	213	261,112	1,460,793	2,530,256	1,069,463
Eureka.....	17,055	35	1,099	1,451,612	1,909,147	5,088,112	3,178,965
Fresno.....	60,685	142	3,194	3,359,732	19,241,366	29,801,442	10,560,076
Fullerton ¹¹	10,442	8	542				
Glendale.....	82,582	107	1,177	1,313,097	3,231,113	7,893,793	4,662,680
Huntington Park.....	28,648	78	1,789	2,459,458	4,800,408	12,813,779	8,013,371
Inglewood.....	30,114	40	524	595,860	1,105,040	2,837,612	1,732,572
Lodi.....	11,079	20	451	547,032	1,839,732	3,590,599	1,750,867
Long Beach.....	164,271	199	2,873	3,840,785	32,351,179	49,606,366	17,255,187
Los Angeles: Manufacturing and printing and publishing industries and motion-picture production (not including distri- bution and projection in theaters), total.....	1,504,277	4,022	80,993	105,967,996	325,898,934	662,874,075	
Manufacturing and printing and publishing indus- tries.....		3,957	71,866	86,267,447	304,602,675	567,554,024	262,951,349
Lynwood ¹¹	10,982	9	289				
Maywood.....	10,731	12	49	67,752	218,444	433,128	214,684
Merced.....	10,135	20	134	176,426	452,334	864,802	412,468
Modesto.....	16,379	33	987	1,010,630	8,180,429	11,646,440	3,466,020
Monrovia ¹¹	12,807	8	146				
Monterey.....	10,084	28	1,199	972,178	5,738,449	9,166,538	3,428,089
National City.....	10,344	14	181	247,896	1,284,017	2,281,041	997,024
Oakland.....	302,163	599	16,065	22,583,726	102,324,716	170,607,649	68,282,933
Ontario.....	14,197	14	592	694,512	2,162,415	4,919,418	2,757,003
Palo Alto ¹¹	10,774	20	306				
Pasadena.....	81,864	122	1,050	1,277,819	2,633,568	6,563,841	3,930,273
Pomona.....	29,539	29	702	920,937	1,933,089	4,871,367	2,658,278
Redlands.....	14,324	16	80	85,895	104,392	332,423	223,056
Redondo Beach.....	13,092	5	25	28,496	42,004	97,592	55,588
Redwood City.....	12,453	16	244	319,352	731,704	1,510,491	778,787
Richmond.....	23,642	52	4,144	6,753,072	55,075,178	76,195,349	21,120,171
Riverside.....	34,606	30	306	403,841	1,053,715	2,353,064	1,299,349
Sacramento.....	105,958	172	3,646	4,773,698	18,906,867	33,502,954	14,596,037
Salinas.....	11,586	29	369	412,397	2,667,234	4,223,999	1,556,765
San Bernardino.....	49,646	37	295	452,780	716,947	2,183,491	1,471,644
San Diego.....	203,341	214	5,625	7,020,336	17,766,348	37,859,241	20,092,893
San Francisco.....	634,536	2,172	31,789	44,723,211	174,783,186	313,252,639	138,469,453
San Gabriel ¹¹	11,867	9	34				
San Jose.....	68,457	168	5,326	5,722,870	29,047,348	47,139,265	18,091,920
San Leandro.....	14,601	19	678	831,903	1,566,997	3,516,849	1,949,862

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 materials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of prod- ucts ⁴	Value added by manufac- ture ⁵
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
San Mateo.....	19,403	7	47	\$91,826	\$97,562	\$392,457	\$294,865
Santa Ana.....	31,921	40	374	463,042	1,036,657	2,372,726	1,337,069
Santa Barbara.....	34,958	37	220	317,612	671,471	1,711,090	1,140,519
Santa Cruz.....	16,896	21	208	230,826	696,167	1,524,622	825,456
Santa Monica ".....	53,500	51	4,551	.....	.....	.....	.....
Santa Rosa.....	12,605	27	282	343,931	678,972	1,781,750	1,102,778
South Gate.....	26,945	37	1,088	1,456,845	6,014,208	10,159,110	4,144,902
South Pasadena.....	14,350	20	108	116,924	250,078	637,813	386,835
Stockton.....	54,714	101	2,078	2,696,968	10,513,894	19,395,686	8,881,792
Vallejo ".....	26,072	17	250	.....	.....	.....	.....
Ventura (San Buenaventura).....	13,264	16	108	180,400	367,353	919,215	551,862
Whittier.....	16,115	23	235	330,455	617,427	1,627,743	1,010,316

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 Los Angeles Industrial Area is coextensive with Los Angeles County. For statistics by industries for this area, see table 9.

⁷ The San Francisco-Oakland Industrial Area comprises Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties. For statistics by industries for this area, see table 9.

⁸ No manufacturing reported.

⁹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

¹⁰ The "Undistributed" figure for number of establishments and 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.

¹¹ 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 ¹	417,456	314,003	Salaried officers and employees—Continued.		
Male.....	322,085	252,562	All other employees, etc.—Continued.		
Female.....	95,371	61,441	Engaged in manufacturing:		
Salaried officers and employees, total.....	87,132	52,564	Male.....	32,409	
Male.....	69,834	40,097	Female.....	10,363	
Female.....	17,798	12,467	Engaged in distribution:		
Salaried officers of corporations, total.....	5,455	5,600	Male.....	26,348	
Male.....	5,006	5,232	Female.....	6,807	
Female.....	449	368	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total.....	81,677	46,964	Male.....	3,821	
Male.....	64,328	34,865	Engaged in other work:		
Female.....	17,349	12,099	Male.....	1,750	
			Female.....	179	
			Wage earners engaged in manufacturing, total.....	330,324	261,439
			Male.....	252,751	212,465
			Female.....	77,573	48,974

¹ See headnote.

² Figures do not include data for 11,154 proprietors and firm members for 1939 and 9,035 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.....	275,477	235,262	237,614	242,107	258,812	261,801	265,709	288,187	323,841	317,246	308,493	289,232	277,599
1927.....	302,180	258,170	260,858	279,518	303,530	299,657	306,710	332,332	361,193	352,237	319,011	286,339	260,662
1929.....	263,057	230,051	234,367	247,171	266,161	253,443	264,489	280,961	308,022	299,666	279,962	257,340	235,065

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.....	12,329	11,713	275,477	263,057	\$2,798,179,523	\$1,135,157,587
No wage earners.....	758	466			15,992,295	7,953,410
1 to 5.....	5,902	6,079	15,206	15,742	148,394,200	72,155,887
6 to 20.....	5,335	3,031	30,082	32,534	338,620,537	144,389,065
21 to 50.....	1,295	1,105	41,013	35,133	399,512,798	161,100,768
51 to 100.....	514	508	30,810	35,941	338,358,661	148,007,445
101 to 250.....	309	363	55,872	54,854	510,667,183	225,659,731
251 to 500.....	108	100	38,370	34,087	445,460,335	152,819,707
501 to 1,000.....	35	45	22,520	20,362	362,444,475	116,558,492
1,001 to 2,500.....	13		17,864		171,763,281	61,560,598
2,501 or more.....	3	16	11,760	25,304	69,966,753	45,152,691

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.....	12,329	11,713	275,477	263,057	\$2,798,179,523	\$2,841,845,647	\$1,135,157,587	\$1,186,706,359
\$5,000 to \$19,999.....	4,599	4,412	10,621	9,544	51,569,658	50,168,578	30,678,525	31,702,548
\$20,000 to \$49,999.....	2,820	2,738	16,714	14,154	92,767,302	87,705,924	52,306,815	52,631,892
\$50,000 to \$99,999.....	1,648	1,584	19,355	17,326	117,599,481	112,431,139	63,019,721	64,402,628
\$100,000 to \$249,999.....	1,531	1,429	35,432	33,214	239,318,644	224,895,345	118,810,905	121,989,336
\$250,000 to \$499,999.....	699	622	32,846	28,641	247,298,673	217,435,848	112,576,713	109,601,383
\$500,000 to \$999,999.....	453	463	39,653	39,018	318,137,731	319,482,093	143,362,557	146,492,417
\$1,000,000 to \$2,499,999.....	316	292	46,990	47,264	477,060,958	445,757,145	207,830,780	194,981,810
\$2,500,000 to \$4,999,999.....	97	113	30,203	34,961	339,907,065	369,698,356	137,255,692	150,919,564
\$5,000,000 and over.....	66	60	46,663	38,935	917,520,006	1,013,271,219	269,315,879	313,984,781

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.....	12,329	11,713	275,477	263,057	\$2,798,179,523	\$2,841,845,647	\$1,135,157,587	\$1,186,706,359
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	1,851	(⁴)	139,558	(⁴)	1,816,680,327	(⁴)	674,032,830	(⁴)
Independent (single-unit).....	2,078	(⁴)	78,124	(⁴)	581,831,108	(⁴)	280,034,978	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	346	(⁴)	5,898	(⁴)	49,153,827	(⁴)	19,400,500	(⁴)
Independent (single-unit).....	7,454	(⁴)	51,897	(⁴)	350,514,261	(⁴)	161,689,279	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	2,197	1,295	145,456	116,598	1,865,834,154	1,714,563,905	693,433,330	616,112,824
Independent (single-unit), corporate and noncorporate.....	10,132	10,418	130,021	146,459	932,345,369	1,127,281,742	441,724,257	570,593,535
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	4,529	4,341	217,682	216,455	2,398,511,435	2,505,446,185	954,067,808	1,017,967,118
Noncorporate, total.....	7,800	7,372	57,795	46,602	399,668,088	336,399,462	181,089,779	168,749,241
Individual.....	5,081	(⁴)	30,094	(⁴)	196,193,197	(⁴)	92,190,590	(⁴)
Partnership.....	2,654	(⁴)	24,889	(⁴)	174,568,627	(⁴)	78,939,937	(⁴)
Cooperative.....	56	(⁴)	2,620	(⁴)	27,243,639	(⁴)	3,895,562	(⁴)
Other.....	29	(⁴)	192	(⁴)	1,662,825	(⁴)	1,063,660	(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.

CENSUS OF MANUFACTURES: 1939

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 larger

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.....	12,329	11,184	362,609	5,455	42,772	275,477	33,155	3,821	1,929
2	17 Agricultural machinery (except tractors).....	24	23	408	12	60	289	44	1	2
3	19 Aircraft and parts, including aircraft engines.....	32	13	23,777	144	7,108	16,036	343	68	80
4	15 Alloying and rolling and drawing of nonferrous metals, except aluminum.....	12	5	421	6	69	303	14	25	4
5	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	19	25	550	3	69	460	18		
6	13 Asbestos products (except steam packing and pipe and boiler covering).....	6	2	252	3	23	185	25	16	
7	18 Automobile trailers (for attachment to passenger cars).....	19	25	152	4	8	134	6		
8	1 Baking powder, yeast, and other leavening compounds.....	5	2	186		22	110	38	12	4
9	6 Baskets for fruits and vegetables.....	8		130	2	8	109	9	2	
10	16 Batteries, storage and primary (dry and wet).....	30	19	702	16	69	546	71		1
11	8 Batting, padding, and wadding; upholstery filling.....	12	4	877	4	48	308	17		
12	20 Beauty-shop and barber-shop equipment.....	6	4	104		14	57	29		
13	1 Beet sugar.....	10		2,263	4	199	1,950			114
14	4 Belts (apparel), regardless of material.....	15	23	144	1	7	112	23		1
15	1 Biscuit, crackers, and pretzels.....	28	20	1,655	13	91	1,401	118	10	22
16	1 Blended and prepared flour made from purchased flour.....	8	9	34		6	22	7		
17	17 Blowers; exhaust and ventilating fans.....	5	2	197	7	36	131	14	8	1
18	19 Boat building and boat repairing.....	15	23	65		4	60	1		
19	14 Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	8	4	146	9	20	108	8	1	
20	8 Bookbinding and related industries.....	65	67	1,210	24	240	764	176		6
21	8 Books: printing without publishing.....	36	40	398	14	54	291	39		
22	8 Books: publishing and printing.....	17	10	331	17	33	266	15		
23	8 Books: publishing without printing.....	19	9	281	10	142	1	128		
24	12 Boot and shoe cut stock and findings.....	8	6	71	6	8	55	2		
25	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	1,225	1,501	14,734	102	693	11,268	2,318	184	174
26	13 Brick and hollow structural tile.....	29	22	770	16	34	649	60	3	8
27	20 Brooms.....	15	32	107	1	4	96	6		
28	20 Brushes.....	9	5	120	9	12	74	6		
29	20 Buttons.....	5	6	29		1	28	25		
30	9 Candles.....	4	1	31	4	5	18			
31	1 Candy and other confectionery products.....	111	85	3,374	42	191	2,761	367		33
32	1 Canned and dried fruits and vegetables (including canned soups).....	363	251	27,817	191	1,535	25,093	730	181	87
33	1 Canned fish, crustacea, and mollusks.....	33		6,062	43	279	5,558	77	63	52
34	4 Canvas products (except bags).....	20	7	356	20	27	175	130	1	3
35	20 Carbon paper and inked ribbons.....	6	11	44		2	25	16		
36	3 Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	6	4	73	4	3	52	14		
37	17 Cars and trucks, industrial.....	4	3	39	3	5	25	6		
38	6 Caskets, coffins, burial cases, and other morticians' goods.....	36	24	492	28	50	347	65		2
39	14 Cast-iron pipe and fittings.....	6	1	776	8	61	699	7		1
40	13 Cement.....	10		1,851	5	252	1,486	65		
41	1 Cereal preparations.....	12	13	144	4	9	110	20	43	1
42	1 Cheese.....	37	27	360	9	51	274	22	4	
43	9 Chemicals not elsewhere classified.....	58	6	4,272	41	720	2,966	182	298	46
44	4 Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	4	34		3	28	2		1
45	4 Children's coats—made in inside factories or by jobbers engaging contractors.....	5	6	26			26			
46	4 Children's dresses—made in inside factories or by jobbers engaging contractors.....	5	3	195	6	5	173	11		
47	1 Chocolate and cocoa products.....	3		192	8	17	140	22		5
48	6 Cigar boxes: wooden, part wooden.....	3	9	46		4	42			
49	2 Cigars.....	17	22	746	4	13	708	21		
50	13 Clay products (except pottery) not elsewhere classified.....	5	4	76	1	7	60	8		
51	13 Clay refractories, including refractory cement (clay).....	8	2	359	4	21	318	14	2	
52	9 Cleaning and polishing preparations, blackings, and dressings.....	45	36	319	21	43	131	123		1
53	4 Clothing, leather and sheep-lined.....	9	7	511	9	29	428	45		
54	3 Cloth sponging and miscellaneous special finishing.....	6	3	90	7	2	76	5		
55	4 Coats, suits, and skirts (except fur coats)—made in contract factories.....	12	17	132	4	1	117	10		
56	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	141	176	2,841	30	124	2,517	180		10
57	9 Colors and pigments.....	4		118	5	22	84	7		
58	17 Commercial laundry, dry-cleaning, and pressing machinery.....	5	5	34	4		21	8		
59	16 Communication equipment.....	21	16	228	8	38	170	9	3	
60	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	20	5	489	7	50	260	168	3	1
61	13 Concrete products.....	165	143	1,442	42	115	1,099	146	9	31
62	1 Condensed and evaporated milk.....	38	3	917	3	147	709	19	10	29
63	17 Construction and similar machinery (except mining and oil-field machinery and tools).....	17	9	615	18	79	461	46	1	10
64	7 Converted paper products not elsewhere classified.....	20	10	505	13	65	347	80		
65	1 Cooking and other edible fats and oils, not elsewhere classified.....	11	13	215	2	15	185	13		
66	6 Cooperage.....	4	1	257	10	28	209	10		
67	3 Cordage and twine.....	22	17	602	11	34	552	65		
68	4 Corsets and allied garments.....	5	5	63	2	8	52	1		
69	20 Costume jewelry and costume novelties (jewelry other than fine jewelry).....	4		345	4	13	313	15		
70	3 Cotton broad woven goods.....	8		462	12	75	351	13	4	7
71	9 Cottonseed oil, cake, meal, and linters.....									

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 values of products than some of those shown separately]

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR THE

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	1 Creamery butter	65	30	1,048	15	156	731	135	5	7
2	2 Cured fish	9	10	56	1	4	41	7		3
3	3 Curtains, draperies, and bedspreads—contract factories	7	8	61		3	58			
4	4 Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	24	21	588	7	32	504	42		3
5	5 Cutlery (except aluminum, silver, and plated cutlery) and edge tools	9	13	30	3	1	25	1		
6	6 Dental equipment and supplies	10	13	36	2	2	26	6		
7	7 Die-cut paper and paperboard, and converted cardboard	8	2	169	13	18	111	21	2	4
8	8 Doors, window sash, frames, molding, and trim (made of metal)	33	20	639	25	62	462	86	2	2
9	9 Drugs and medicines (including drug grinding)	71	38	945	58	168	486	219	18	1
10	10 Dyeing and finishing cotton, rayon, silk, and linen textiles	8	4	189	10	15	145	19		
11	11 Dyeing and finishing woolen and worsted	4		81	5	10	64	2		
12	12 Electrical appliances	8	6	695	5	94	584	12		
13	13 Electrical measuring instruments	7	1	27	4	6	12	5		
14	14 Electrical products not elsewhere classified	7	0	27	4	4	21	2		
15	15 Electroplating, plating, and polishing	66	81	560	17	42	476	22		3
16	16 Electrotyping and stereotyping, not done in printing establishments	13	7	250	10	43	172	25		
17	17 Elevators, escalators, and conveyors	18	9	459	16	73	294	76		
18	18 Embroideries, other than Schiffli-machine products—contract factories	10	14	55	2	5	35	3		
19	19 Embroideries: Schiffli-machine products	6	9	43						
20	20 Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	20	18	1,685	19	99	1,496	71		
21	21 Enameling, japanning, and lacquering	9	9	75		9	66	1		
22	22 Engraving on metal (except for printing purposes)	4	2	21	2	2	16	10		
23	23 Engraving (steel, copperplate, and wood): plate printing	27	31	153	8	21	114	57	6	1
24	24 Envelopes	11	10	452	14	44	331	4	20	
25	25 Explosives	5		718	4	95	586			
26	26 Fabricated plastic products, not elsewhere classified	24	16	461	20	44	372	22	3	
27	27 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	102	79	3,033	77	436	2,308	205	4	3
28	28 Feathers, plumes, and artificial flowers	9	9	49		4	44			
29	29 Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	13	273	4	27	21	23		
30	30 Fertilizers	29	17	391	10	47	198	128	2	
31	31 Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	3	164	8	11	122	23		
32	32 Fire extinguishers, chemical	4	2	28		9	18	1		
33	33 Fireworks	3	1	27		4	23			
34	34 Fish and other marine oils, cake, and meal	24	4	582	43	61	442	16		
35	35 Flavoring extracts and flavoring sirups, not elsewhere classified	46	28	748	27	120	627	57	15	2
36	36 Floor and wall tile (except quarry tile)	15	11	1,225	12	60	1,102	48	3	
37	37 Flour and other grain-mill products	26	8	843	15	119	504	205		
38	38 Food preparations, not elsewhere classified	156	154	1,917	72	150	1,258	413	8	16
39	39 Food-products machinery	43	25	914	41	168	588	116	1	
40	40 Footwear (except rubber)	18	7	1,103	17	103	908	75		
41	41 Forgings, iron and steel—made in plants not operated in connection with rolling mills	11	10	308	8	33	252	15		
42	42 Fur coats and other fur garments, accessories, and trimmings	83	102	467	12	36	389	30		
43	43 Furs, dressed and dyed	7	6	49	4	8	33	4		
44	44 Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	13	12	115	8	9	93	5		
45	45 Games and toys (except dolls and children's vehicles)	18	21	177	11	23	124	18	1	
46	46 General commercial (job) printing	789	846	6,047	229	706	4,440	671	1	
47	47 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	49	33	2,085	39	402	1,484	155		
48	48 Glass containers	7		1,870	10	254	1,561	38		
49	49 Glue and gelatin	7	6	187	2	29	134	10	12	
50	50 Gravure, rotogravure, and rotary photogravure (including preparation of plates)	3	1	107	3	12	80	12		
51	51 Gray-iron and semisteel castings	61	55	2,721	36	168	2,410	102	5	
52	52 Grease and tallow (except lubricating greases)	18	28	309	10	35	319	3	2	
53	53 Greeting cards (except hand-painted)	8	7	238	5	37	100	36		
54	54 Gypsum products	6		444	4	54	379	2	5	
55	55 Handkerchiefs—made in inside factories or by jobbers engaging contractors	5	7	67		4	45	18		
56	56 Hand stamps, stencils, and brands	29	28	198	14	7	144	33		
57	57 Hardware not elsewhere classified	38	43	881	15	68	657	141		
58	58 Hardwood distillation and charcoal manufacture	3	1	13	2		10			1
59	59 Heating and cooking apparatus, except electric, not elsewhere classified	14	17	105	3	12	79	11		
60	60 Hosiery—full-fashioned	4	1	676	8	13	613	36	6	
61	61 House dresses, uniforms, and aprons—made in contract factories	3	4	42			42			
62	62 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	24	22	1,148	12	53	1,016	67		
63	63 Housefurnishings (except curtains, draperies, and bedspreads)	32	31	604	13	30	385	71		5
64	64 Household furniture, except upholstered	196	264	4,187	41	227	3,484	406	3	26
65	65 Ice cream and icea	209	177	2,508	65	195	1,047	1,030	17	154
66	66 Ice, manufactured	206	72	2,931	60	185	1,309	1,291	34	43
67	67 Industrial leather belting and packing leather	10	10	69	3	8	41	17		
68	68 Industrial machinery, not elsewhere classified	44	27	1,528	35	210	1,114	135	31	3
69	69 Insecticides, fungicides, and related industrial and household chemical compounds	73	44	655	52	90	364	132	0	
70	70 Insulated wire and cable	0	1	214	4	28	173	5		4

See footnotes at end of table.

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
1,518,193	51,303	265,677	979,871	205,529	9,759	6,054	18,237,337	17,832,831	236,197	168,309		21,895,490	3,658,153
68,193	6,000	6,580	48,653	4,120		2,840	330,231	324,953	2,724	2,554		510,618	180,387
55,498		3,135	52,363				21,954	20,913	17	1,024		115,016	93,062
595,133	37,820	48,986	420,556	84,080		3,691	1,748,350	1,735,424	339	7,601	4,986	2,758,469	1,010,119
33,141	1,034	1,130	28,968	2,009			42,405	35,906	524	1,692	4,283	123,383	80,978
37,292	3,480	2,585	24,186	7,041			216,761	215,635	239	887		363,573	146,812
246,020	40,773	18,142	135,856	45,897	2,352	3,000	356,432	347,716	1,017	5,699	2,000	839,729	483,297
1,036,154	108,963	126,562	656,120	140,353	3,000	1,156	1,343,153	1,297,558	3,083	18,018	23,594	3,192,851	1,840,698
1,464,457	272,168	277,076	585,700	361,799	16,242	1,472	2,140,519	2,095,547	22,161	22,441	370	5,023,913	2,883,394
205,036	22,841	21,706	137,374	23,115			358,892	341,602	13,158	4,132		651,817	292,925
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
991,572	36,200	202,558	736,313	10,501			1,767,186	1,707,920	13,761	38,292	7,213	3,579,215	1,812,029
48,200	21,112	9,488	12,185	5,415			38,917	38,537	37	343		111,333	72,416
36,615		7,233	27,182	2,200			87,925	87,141	51	733		203,223	115,208
799,801	58,874	56,347	640,873	30,417		4,290	337,213	265,615	15,060	52,073	4,465	1,713,587	1,376,374
543,398	74,730	106,925	304,107	57,636			146,318	114,971	4,098	8,991	18,258	953,595	807,277
863,673	97,517	145,584	400,182	160,390			1,143,688	1,099,748	3,062	12,182	28,694	2,349,473	1,199,787
46,808		1,570	45,288	12,969			21,969	18,506	211	790	2,462	126,786	104,817
48,044		7,072	39,191	2,681			25,272	24,472	72	628	100	107,470	82,198
2,600,707	133,428	210,033	2,124,727	132,519			3,816,045	3,564,819	160,114	84,978	6,134	9,239,875	5,423,830
102,576		18,794	83,782										
23,324	2,436	1,858	18,477	553			105,355	97,060	5,119	3,140	30	291,552	186,197
107,392	21,700	22,981	145,471	7,240			9,866	9,041	141	391	293	30,216	
688,115	50,967	104,409	403,409	119,315	8,537	1,478	156,024	135,888	460	3,721	15,955	543,225	387,201
1,232,478	38,850	251,456	877,682	7,244	57,246		911,225	885,275	2,604	11,629	11,717	1,063,648	1,052,423
654,308	46,903	73,182	487,416	44,604	2,203		2,815,288	2,701,028	50,477	63,783		6,808,204	3,992,916
4,980,801	309,562	829,980	3,366,174	413,905	7,280	3,900	1,008,850	971,167	7,795	24,322	3,566	2,279,441	1,272,501
50,740		5,365	45,175	200			11,081,897	10,738,475	30,233	121,342	191,847	18,606,747	7,524,850
420,004	37,509	66,609	287,174	28,712			86,681	84,595	821	1,015	250	189,894	103,213
489,352	48,867	66,106	194,308	161,499	3,817	14,695	1,030,868	996,728	14,932	19,208		2,131,490	1,100,622
217,111	19,650	27,425	125,287	44,749			3,565,332	3,524,215	10,765	15,386	4,966	4,843,213	1,287,831
(5)	(5)	(5)	(5)	(5)			329,627	324,708	1,310	3,369	240	747,886	418,250
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
815,669	201,536	100,372	486,176	30,585			5,228,355	5,097,479	80,055	48,821	2,000	7,565,503	2,337,148
1,160,779	267,578	229,991	559,798	86,328	15,640	1,444	4,680,955	4,599,453	39,526	47,976		12,528,833	7,841,878
1,558,761	61,201	129,071	1,288,605	76,869	3,015		921,810	762,434	118,786	40,590		3,928,180	3,006,379
1,543,149	154,700	227,159	817,434	343,856			13,696,456	13,524,024	7,163	165,269		18,985,809	5,280,853
2,318,056	276,732	205,102	1,214,324	598,414	10,102	8,382	8,773,699	8,662,802	54,091	56,775		13,704,978	4,931,309
1,730,599	218,316	342,993	910,394	257,098	1,800		1,723,857	1,628,944	7,968	28,912	58,033	4,325,946	2,602,089
1,249,996	48,447	152,656	947,679	101,214			1,617,226	1,524,095	2,016	11,229	79,886	3,612,875	1,995,640
534,025	40,595	37,050	370,264	36,116			1,403,352	1,324,433	59,756	18,763	400	2,625,765	1,222,413
714,984	51,784	56,007	563,526	43,647			1,731,347	1,705,719	800	6,445	18,883	3,207,006	1,475,659
73,933	9,918	10,617	48,109	5,289			290,859	279,070	1,126	4,250	6,413	462,455	171,596
200,755	39,335	16,549	138,877	11,994			216,197	196,212	15,753	2,869	1,363	565,299	349,102
198,772	29,375	27,416	114,763	26,929	284		273,390	246,193	577	2,735	24,885	733,695	460,305
10,080,705	913,197	1,167,628	6,768,954	1,230,926			9,892,167	8,583,845	35,803	222,805	1,049,714	27,768,497	17,876,330
3,596,456	288,018	768,207	2,186,033	347,850	6,348		5,673,870	5,558,066	11,636	58,368	45,800	12,821,019	7,147,149
3,264,896	49,041	608,452	2,473,257	122,384	11,732		3,791,547	3,185,728	390,441	217,878		13,036,840	9,245,293
338,164	11,232	49,824	224,259	26,896	25,983		808,806	748,148	58,212	2,446		1,407,361	658,555
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
3,970,108	187,921	355,651	3,218,719	196,485	11,330		3,424,428	2,825,452	387,547	148,338	83,091	8,530,819	5,406,391
624,480	40,041	80,216	490,673	4,723	8,808		2,031,620	1,914,205	64,012	41,973	11,430	3,514,067	1,482,447
330,248	60,663	43,814	137,879	87,892			223,904	134,422	394	2,674	86,414	679,901	455,997
749,338	23,280	115,058	598,029	3,546	9,425		2,250,526	2,068,654	141,151	40,721		4,506,531	2,318,005
62,378	4,496	39,335	18,546				99,051	78,762	490	988	18,821	211,663	112,612
302,184	56,262	11,520	195,191	39,211			210,678	211,514	1,828	4,573	1,763	773,802	554,124
1,311,439	100,086	121,196	732,205	307,952			1,224,749	1,160,757	8,217	22,160	33,015	3,960,127	2,735,378
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
134,568	5,990	15,155	96,921	16,502			253,617	228,500	913	2,776	26,428	535,352	276,735
1,012,161	68,982	40,960	749,868	140,668	11,693		766,324	746,663	5,636	14,025		1,930,229	1,163,905
12,155													
1,174,196	96,915	72,848	808,205	106,228			1,333	550	119	664		27,365	26,032
514,234	52,828	40,248	315,326	100,094			2,187,525	2,148,623	2,739	10,535	25,028	4,354,572	2,187,047
5,546,343	292,445	412,823	4,083,042	741,904	3,219	5,788	1,724,922	1,710,527	2,713	10,619	1,063	2,506,235	780,313
3,821,088	233,047	353,723	1,331,282	1,625,657	26,239	251,140	6,604,406	6,403,626	8,146	121,950	70,684	15,144,021	8,839,615
4,088,286	221,863	376,536	1,808,896	1,614,763	31,170	37,058	10,249,240	9,865,908	65,475	317,857		20,597,684	10,258,344
102,984	8,814	13,528	26,324				1,840,911	388,750	130,195	1,330,966		11,644,492	9,794,581
2,906,815	235,264	511,223	1,744,439	346,282	66,068	3,639	179,163	175,804	1,118	2,241		355,517	176,354
1,175,130	237,973	187,138	437,974	280,543	22,484	18	3,408,381	3,267,742	14,390	68,513	67,736	7,169,531	3,761,160
284,419	23,749	57,435	183,978	13,541		5,716	4,092,083	4,028,197	27,738	33,745	2,403	7,672,804	3,480,221
							768,744	743,648	6,498	8,078	520	1,652,155	893,411

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR THE

Group No.	Establishment No.	Description	*Number of establishments	*Proprietors 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	17	Internal-combustion engines	9	3	544	12	107	381	25	19	
2	20	Jewelry cases and instrument cases	4	5	62		3	58	1		
3	15	Jewelry (precious metals)	66	80	513	14	76	394	22		7
4	3	Knitted outerwear (except knit gloves)—contract factories	9	10	87	5	2	80			
5	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	40	43	1,568	23	80	1,257	193	3	3
6	6	Laboratory, hospital, and other professional furniture	10	13	114	1	11	89	3		
7	20	Lamp shades	5	7	62		4	55	3		
8	15	Lapidary work	5	10	7		1	5			1
9	12	Leather gloves and mittens	15	15	246	9	13	204	18	1	1
10	12	Leather goods not elsewhere classified	5	4	80	1	6	70	3		
11	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	12	11	759	16	33	686	11	13	
12	15	Lighting fixtures	82	87	902	52	78	661	104	1	6
13	13	Lime	9		303	8	26	250	18	1	
14	9	Linseed oil, cake, and meal	4		139	2	14	118	5		
15	1	Liquors, distilled	37	3	233	3	38	103	1	23	5
16	1	Liquors, rectified or blended	15	5	144	8	26	104	4		2
17	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	50	41	2,300	50	313	1,665	258	13	1
18	5	Logging camps and logging contractors (not operating sawmills)	23	27	202		8	232			2
19	9	Lubricating oils and greases—not made in petroleum refineries	20	15	127	7	17	63	47		3
20	1	Macaroni, spaghetti, vermicelli, and noodles	48	68	619	32	48	418	114	6	2
21	8	Machine and hand typesetting (including advertisement typesetting)	61	87	376	13	49	288	26		
22	17	Machine-shop products, not elsewhere classified	216	223	3,572	104	500	2,661	224	2	21
23	17	Machine-shop repairs	135	158	849	11	71	745	19		3
24	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	35	44	224	4	14	199	7		
25	1	Malt	7		85	4	11	56	11		3
26	1	Malt liquors	30	1	2,806	41	205	1,916	530	14	94
27	6	Matches	3	1	227	1	14	207	5		
28	6	Mattresses and bedsprings	54	55	1,747	20	187	1,389	164		7
29	17	Measuring and dispensing pumps	3	1	93	1	6	29	50		1
30	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	10	2	533	10	45	435	42		1
31	1	Meat packing, wholesale	129	143	7,501	2	651	4,690	1,888	84	110
32	17	Mechanical power-transmission equipment	14	11	276	9	47	194	22		4
33	4	Men's and boys' hats and caps (except felt and straw)	15	15	161	1	12	132	15		1
34	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	2	62		1	60	1		
35	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	25	32	1,050	22	50	904	80		3
36	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	52	70	463	3	12	441	5		2
37	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	50	52	2,191	36	145	1,835	173		2
38	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	16	14	741	9	36	606	89		1
39	17	Metalworking machinery and equipment, not elsewhere classified	4	3	456	113	323	323	18	2	
40	4	Millinery	70	76	1,413	18	70	1,198	125		2
41	13	Minerals and earths, ground or otherwise treated	19	7	597	7	100	460	11	10	
42	17	Mining machinery and equipment	8	6	136	7	22	74	17	16	
43	6	Mirror frames and picture frames	16	15	133	2	9	103	19		
44	13	Mirrors and other glass products made of purchased glass	44	30	418	21	31	302	64		
45	20	Miscellaneous fabricated products not elsewhere classified	38	33	303	10	29	229	35		
46	4	Miscellaneous fabricated textile products not elsewhere classified	20	19	216	3	12	178	22		1
47	20	Models and patterns (except paper patterns)	50	57	196	4	5	181	6		
48	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	46	48	460	24	27	348	61		
49	18	Motor vehicles, motor-vehicle bodies, parts and accessories	85	85	7,567	49	805	6,152	521	25	15
50	9	Mucilage, paste, and other adhesives, except glue and rubber cement	7	6	32	2	9	17	4		
51	20	Musical instruments, parts, and materials not elsewhere classified	7	11	80	4	7	68	1		
52	20	Needles, pins, hooks and eyes, and slide and snap fasteners	3		40	2	3	30	5		
53	8	Newspapers: publishing and printing	447	437	15,573	192	5,342	6,497	3,527	15	
54	8	Newspapers: publishing without printing	48	40	383	12	204	81	86		
55	1	Nonalcoholic beverages	166	151	2,422	74	197	879	1,250	2	20
56	15	Nonferrous-metal foundries (except aluminum)	64	68	802	27	59	682	33		1
57	15	Nonferrous-metal products, not elsewhere classified	35	33	407	12	27	337	20	3	2
58	17	Office and store machines not elsewhere classified	8		861	9	131	637	65	4	15
59	6	Office furniture	16	21	158	3	15	126	13		1
60	14	Oil burners, domestic and industrial	7	6	226	5	30	140	51		
61	17	Oil-field machinery and tools	56	33	3,369	63	515	2,162	605	11	13
62	1	Oleomargarine—not made in meat-packing establishments	3		194		38	152	4		
63	20	Ophthalmic goods: lenses and fittings	6	4	24		3	20	1		
64	20	Optical instruments and lenses	4	5	29		3	21	5		
65	9	Paints, varnishes, and lacquers	128	84	2,584	80	415	1,461	581	37	20
66	7	Paper and paperboard mills	12		2,493	7	271	2,171	30	14	
67	7	Paper bags, except those made in paper mills	9		352	6	46	282	15	3	
68	7	Paperboard containers and boxes not elsewhere classified	54	24	2,367	57	184	1,907	205	2	2
69	6	Partitions, shelving, cabinet work, and office and store fixtures	95	94	1,951	44	154	1,502	229	4	18
70	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	13	8	243	10	24	142	67		

See footnotes at end of table.

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	Purchased electric energy	Contract work		
		Salaries ³	Wages										
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1,058,696	71,216	217,814	696,294	52,804	20,568	-----	1,807,920	1,737,911	3,837	24,998	41,183	3,858,511	2,050,682
44,737	3,068	37,669	45,000	31,203	-----	-----	47,288	45,123	1,052	1,119	-----	124,331	77,043
858,730	48,669	92,205	681,459	-----	-----	5,104	914,603	858,606	2,133	6,181	48,683	2,249,617	1,335,014
68,315	6,145	509	61,661	-----	-----	-----	16,799	13,899	901	1,999	-----	127,653	110,854
1,585,173	87,025	145,508	1,086,478	258,687	4,124	3,351	2,780,514	2,598,703	8,339	21,163	152,309	6,112,587	3,382,073
140,550	5,400	20,108	90,763	18,279	-----	-----	320,391	287,482	546	3,483	28,880	555,547	235,166
51,023	-----	6,330	39,439	5,254	-----	-----	49,348	48,687	-----	511	160	127,296	77,948
11,941	-----	936	10,183	-----	-----	822	37,582	36,795	-----	25	761	78,677	41,095
209,027	18,803	18,105	154,336	15,999	1,420	364	339,222	335,930	475	2,277	540	647,960	808,738
78,781	3,640	8,697	60,897	5,497	-----	-----	80,007	78,453	10	1,044	500	191,080	111,073
1,079,833	79,081	80,446	885,500	20,659	14,087	-----	3,324,469	3,231,907	44,653	47,909	-----	5,315,185	1,990,716
1,224,777	166,053	147,358	726,554	178,136	1,398	5,278	2,061,093	1,998,881	6,220	22,361	33,625	4,209,935	2,208,842
480,746	15,154	58,087	327,643	28,024	1,838	-----	419,468	265,392	124,794	29,282	-----	1,047,068	627,600
221,625	7,415	23,903	176,727	13,580	-----	-----	3,109,290	3,049,439	12,713	47,138	-----	3,920,533	811,243
314,070	19,229	64,802	207,346	983	12,820	8,890	2,122,471	2,038,182	54,407	20,247	9,575	3,306,883	1,184,412
180,963	14,061	51,069	105,302	5,971	-----	4,560	461,718	445,449	4,082	12,237	-----	1,177,527	715,800
4,891,059	365,328	605,268	2,971,173	912,014	36,221	1,055	4,820,494	4,368,031	9,411	73,781	369,271	12,095,886	7,275,392
340,820	-----	10,935	327,220	-----	-----	2,665	284,030	234,522	7,278	-----	42,230	840,581	556,551
202,065	19,995	30,715	70,369	78,927	-----	-----	766,978	753,023	8,270	5,685	-----	1,356,555	589,577
778,875	108,730	63,662	412,583	188,006	3,494	3,000	1,874,770	1,798,284	15,022	60,632	832	3,272,061	1,397,291
633,661	51,146	75,026	468,951	37,938	-----	-----	142,701	100,144	2,833	16,591	23,133	1,335,598	1,102,897
0,019,830	519,779	966,016	4,017,331	489,307	3,885	23,512	7,361,771	6,970,592	81,269	152,550	151,300	18,156,342	10,794,671
1,343,550	33,781	102,705	1,177,558	27,638	-----	1,868	1,010,914	932,384	19,620	45,701	13,209	3,865,615	2,554,701
327,864	8,350	21,459	290,742	7,313	-----	-----	196,965	182,930	1,000	9,392	3,643	817,951	620,989
257,460	50,767	38,591	134,289	22,333	-----	11,480	1,492,324	1,420,200	33,629	38,495	-----	2,115,668	623,344
5,882,330	276,276	535,577	3,797,010	1,112,045	59,120	102,302	8,560,985	8,200,446	166,291	194,248	-----	26,732,421	18,171,436
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,528,421	93,353	352,206	1,742,136	333,359	-----	7,367	4,609,762	4,618,950	7,992	41,544	1,276	8,994,059	4,324,297
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
930,587	53,821	108,302	626,876	140,601	-----	987	748,407	702,979	14,479	11,610	19,339	2,401,025	1,652,618
13,317,068	575,633	1,397,223	7,174,857	3,549,230	150,098	470,627	136,189,040	135,322,677	245,222	409,104	212,037	156,948,364	20,759,324
492,939	61,544	307,968	38,951	35,951	-----	4,349	433,490	437,711	3,148	12,624	7	1,190,086	736,576
139,879	2,600	16,099	112,678	7,839	-----	603	182,823	180,409	340	1,570	504	391,804	208,981
40,840	-----	2,051	43,928	861	-----	-----	24,889	24,086	226	577	-----	92,874	67,985
967,014	81,500	70,162	633,121	160,035	-----	3,206	1,581,372	1,523,072	1,798	12,263	44,239	2,994,968	1,418,596
486,641	7,157	25,642	449,193	4,040	-----	609	85,613	43,112	864	6,919	34,718	797,721	712,108
2,802,951	139,999	292,760	2,046,822	321,790	-----	1,550	3,455,925	3,266,399	7,413	24,532	157,581	7,084,954	3,629,029
610,164	56,798	60,822	399,627	92,293	-----	624	1,144,625	1,127,178	608	6,066	10,773	2,112,006	967,381
901,888	-----	189,337	681,992	28,655	1,404	-----	624,959	590,819	2,943	12,496	18,701	2,112,504	1,487,546
1,641,754	85,741	104,859	1,229,343	220,343	-----	7,082	1,849,490	1,825,253	8,117	14,080	2,040	4,004,944	2,755,454
831,884	28,546	215,418	555,017	17,131	15,772	-----	1,834,312	1,607,672	101,709	116,772	8,159	5,131,771	3,297,450
254,987	26,900	55,076	130,805	30,093	3,173	-----	440,425	429,473	968	5,430	4,554	907,818	467,393
108,116	3,708	11,459	122,388	30,561	-----	-----	162,290	159,121	312	2,311	555	471,871	309,572
721,470	67,303	45,714	508,923	99,530	-----	-----	905,228	876,817	8,438	14,564	5,409	2,056,118	1,150,890
356,044	33,418	42,916	281,156	49,454	-----	-----	533,699	522,161	978	7,370	3,190	1,246,471	711,772
241,234	11,600	15,480	186,532	27,320	-----	352	330,825	325,243	1,400	3,800	382	744,212	413,387
299,633	11,900	6,311	272,866	8,566	-----	-----	128,313	110,780	1,159	6,774	600	718,182	589,869
703,436	68,751	45,348	489,643	99,694	-----	-----	540,964	490,099	2,942	36,738	11,185	1,778,924	1,237,060
12,629,188	315,722	1,716,499	9,440,307	1,065,820	65,522	25,318	90,660,109	90,263,828	122,720	252,071	21,490	118,691,342	28,031,233
50,077	6,968	20,096	13,823	10,190	-----	-----	80,904	79,501	480	923	-----	139,062	58,168
102,407	16,300	9,229	76,477	401	-----	-----	91,982	88,183	421	1,395	1,983	261,305	169,323
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
29,422,702	1,342,453	11,018,207	11,377,443	5,656,008	28,591	-----	15,415,827	14,174,132	118,739	402,615	720,341	67,962,464	52,539,637
484,116	34,491	203,739	124,154	121,732	-----	-----	793,494	735,036	1,411	4,756	752,291	1,652,199	858,705
4,453,525	431,809	349,767	1,116,271	2,503,373	3,480	49,325	7,649,640	7,490,353	46,231	106,178	6,878	19,185,311	11,535,671
1,148,936	87,842	111,612	889,680	59,242	-----	560	2,439,816	2,337,937	45,444	27,297	29,138	4,216,666	1,776,850
598,998	54,691	45,301	453,444	34,044	4,878	3,640	612,345	680,289	10,269	11,380	10,407	1,658,093	1,045,748
1,421,354	63,818	242,221	991,547	98,726	6,942	18,100	728,699	701,454	4,009	16,010	7,226	5,912,868	5,184,169
201,638	11,260	25,828	136,509	27,041	-----	1,000	344,756	333,497	482	6,182	4,695	733,065	388,309
359,775	57,265	53,742	184,867	57,901	-----	-----	776,560	766,404	1,593	6,140	2,423	1,467,397	600,837
6,550,543	490,458	1,069,900	3,703,713	1,243,172	23,427	19,873	5,808,181	5,537,255	73,816	220,058	61,052	19,525,054	13,626,873
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
16,566	3,532	12,899	165	-----	-----	-----	22,144	21,394	175	575	-----	64,326	42,182
40,024	5,716	20,295	5,913	-----	-----	-----	33,397	31,126	79	634	1,558	9	

TABLE 8.—GENERAL STATISTICS FOR THE

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 9	Perfumes, cosmetics, and other toilet preparations	50	34	595	28	89	352	121	5	
2 8	Periodicals: publishing and printing	47	31	1,243	36	288	687	232		
3 8	Periodicals: publishing without printing	180	101	995	84	687	36	289		
4 10	Petroleum refining	76	18	12,026	54	1,083	8,013	432	1,238	6
5 8	Photoengraving, not done in printing establishments (including preparation of plates)	59	66	709	37	97	458	117		
6 20	Photographic apparatus and materials and projection equipment (except lenses)	24	23	263	8	37	194	24		
7 1	Pickled fruits and vegetables and vegetable sauces and seasonings	41	44	1,016	11	70	828	103		4
8 5	Planting mills not operated in conjunction with sawmills	269	234	5,857	117	390	4,841	496	23	20
9 13	Pottery products not elsewhere classified	22	19	736	5	43	643	40	4	1
10 1	Poultry dressing and packing, wholesale	78	112	960	15	72	764	117	1	1
11 14	Power boilers and associated products	39	30	1,513	39	130	1,227	114	2	1
12 1	Prepared feeds (including mineral) for animals and fowls	130	76	2,232	67	230	1,647	329	32	27
13 1	Preserves, jams, jellies, and fruit butters	31	19	653	16	69	506	71		2
14 9	Printing ink	11	2	244	8	60	166	21		2
15 17	Printing-trades machinery and equipment	18	16	123	10	18	65	30		
16 20	Professional and scientific instruments (except surgical and dental)	21	14	253	10	39	175	27	2	
17 6	Public-building furniture	8	6	67	2	6	63	6		
18 17	Pumping equipment and air compressors	61	35	2,194	60	308	1,378	426		22
19 1	Quick-frozen foods	6	5	200	5	5	164	23	3	
20 16	Radios, radio tubes, and phonographs	32	14	827	28	101	620	76	2	
21 17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	35	30	970	25	107	698	131		9
22 1	Rice cleaning and polishing	6	3	251	7	49	179	9	2	5
23 4	Robes, lounging garments, and dressing gowns	16	20	429	5	31	353	36	2	2
24 10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	16	9	930	5	108	688	111	16	2
25 13	Roofing tile	8	9	124	1	10	108	5		
26 11	Rubber products not elsewhere classified	54	43	1,715	43	170	1,262	203	34	3
27 12	Saddlery, harness, and whips	10	9	140	3	4	127	6		
28 1	Saled dressings	18	13	184	7	22	139	16		
29 9	Salt	12	4	393	3	34	321	11	24	
30 1	Sausage casings—not made in meat-packing establishments	5	6	96	3	10	78	5		
31 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	87	109	1,062	28	67	619	332	1	15
32 5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	142	153	18,046	66	1,031	16,355	186	324	84
33 14	Saws	4	4	39	2	2	27	8		
34 14	Screw-machine products and wood screws	20	20	398	11	25	360	12		
35 15	Secondary smelting and refining, gold, silver, and platinum	3	3	33	3	3	24	3		
36 15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3		144	7	13	106	10	8	
37 13	Sewer pipe and kindred products	5		545	3	23	502	15	2	
38 15	Sheet-metal work not specifically classified	170	188	2,076	62	201	1,591	217	3	2
39 19	Shipbuilding and ship repairing	46	30	4,458	38	342	3,962	107	2	7
40 20	Signs, advertising displays, and advertising novelties	110	117	1,494	33	115	1,038	305	3	
41 15	Silverware and plated ware	5	1	192	5	9	152	25		1
42 12	Small leather goods	5	13	57	2	3	45	7		
43 9	Soap and glycerin	30	15	1,307	30	109	860	220		8
44 20	Soda fountains, beer dispensing equipment, and related products	8	8	67	3	11	51	2		
45 1	Special dairy products	3		51		5	46			
46 17	Special industry machinery, not elsewhere classified	8	6	480	11	61	291	117		
47 20	Sporting and athletic goods not elsewhere classified	27	32	156	8	17	120	11		
48 14	Spring, steel (except wire)—made in plants not operated in connection with rolling mills	8	2	211	9	17	147	38		
49 14	Stamped and pressed metal products (except automobile stampings)	36	31	1,189	27	136	970	53	1	2
50 13	Statuary and art goods (except stone and concrete)—factory production	14	21	59	5	1	40	4		
51 14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	44	4	5	33	2		
52 13	Steam and other packing; pipe and boiler covering	11	7	334	2	44	277	7	4	
53 14	Steam fittings, regardless of material	13	3	442	22	43	364	13		
54 14	Steel barrels, kegs, and drums	4	1	425		45	308	12		
55 14	Steel castings	17	4	1,391	20	133	1,193	38	7	
56 14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	65	50	3,613	70	266	2,910	323	8	36
57 12	Suitcases, brief cases, bags, trunks, and other luggage	23	25	291	9	27	241	14		
58 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	25	20	167	11					
59 13	Tableware, pressed or blown glass, and glassware not elsewhere classified	7	6	234	8	20	110	26		
60 4	Textile bags—not made in textile mills	14	12	913	12	58	778	59	5	1
61 14	Tin cans and other tinware not elsewhere classified	22	5	3,493		544	2,714	96	138	1
62 11	Tires and inner tubes	6		4,592	3	663	3,608	200	108	15
63 14	Tools (except edge tools, machine tools, files, and saws)	22	19	326	14	32	215	65		
64 4	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories	8	9	119	1	2	116			
65 4	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	7	47		5	34	8		
66 4	Trousers (semidress), wash suits, and washable service apparel	18	20	671	2	39	595	35		
67 6	Upholstered household furniture	82	95	2,653	28	201	2,193	216		15
68 9	Vegetable and animal oils, not elsewhere classified	12	6	218	6	21	174	12	5	
69 17	Vending, amusement, and other coin-operated machines	5	5	20		2	24			
70 6	Venetian blinds	68	77	1,035	24	94	776	147	2	2

See footnotes at end of table.

CALIFORNIA

91

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 ¹	
Total ²	Salaries of officers of corporations ³	Manufacturing		Distribu- tion	Construc- tion	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	Dollars	Dollars	
1,018,296	247,655	166,225	350,945	255,656	360,212	-----	2,319,355	2,297,847	0,727	11,106	4,175	5,225,453	2,906,098	1		
2,274,564	199,494	597,125	1,117,733	360,212	1,117,733	-----	1,359,829	1,226,082	6,276	39,257	88,214	5,919,496	4,569,667	2		
1,706,452	371,738	941,100	40,638	352,976	40,638	-----	2,231,000	374,776	1,502	1,105	1,853,677	6,443,884	4,212,824	3		
23,560,597	481,895	4,397,277	15,688,736	823,221	2,164,422	5,046	284,780,723	276,105,413	6,665,418	1,765,296	254,596	367,667,475	82,886,752	4		
1,662,472	197,933	171,541	998,244	294,754	-----	-----	451,916	322,558	3,986	26,303	90,069	3,084,980	2,033,064	5		
408,897	39,556	75,531	259,836	33,974	-----	-----	478,612	462,566	860	10,288	4,898	1,282,973	804,361	6		
1,006,391	45,633	127,288	708,555	113,352	-----	11,293	3,217,513	3,168,841	26,666	21,479	627	5,165,797	1,948,284	7		
9,243,031	585,654	721,318	6,993,188	895,570	10,848	27,453	18,764,169	18,308,013	35,896	353,335	36,925	33,880,653	15,116,484	8		
932,390	19,720	76,628	748,917	77,008	9,106	921	477,640	381,999	66,606	21,731	7,304	1,732,651	1,305,011	9		
1,023,714	84,953	115,522	643,538	175,812	2,314	1,575	8,576,056	8,537,387	11,216	27,453	-----	10,690,432	2,114,376	10		
2,226,478	172,958	259,164	1,581,161	206,733	6,462	-----	4,265,261	3,878,610	12,576	79,096	294,379	7,994,144	3,728,883	11		
3,405,382	286,533	399,081	2,086,671	559,347	44,871	28,899	30,300,577	29,904,039	85,901	310,637	-----	42,188,409	11,887,832	12		
706,165	49,546	83,715	460,353	121,502	-----	1,049	2,671,058	2,638,151	20,393	12,514	-----	4,035,172	1,364,114	13		
487,042	40,424	145,070	283,493	37,155	-----	-----	1,833,627	1,797,380	16,934	19,213	-----	2,821,096	987,569	14		
213,454	30,402	39,932	98,931	44,189	-----	-----	284,066	274,472	1,093	2,996	5,505	606,364	322,298	15		
452,351	75,688	75,914	244,125	51,994	4,630	-----	388,232	376,692	1,373	5,502	4,665	1,040,689	662,457	16		
74,313	5,000	9,261	52,088	7,964	-----	-----	77,671	74,749	100	2,692	60	250,159	172,588	17		
3,807,399	300,464	579,907	2,131,981	749,012	-----	45,045	4,480,938	4,251,871	26,787	72,965	129,335	11,896,748	7,415,810	18		
158,555	16,230	6,955	108,844	23,328	4,498	-----	440,895	429,170	806	11,159	-----	773,998	333,103	19		
1,171,080	123,095	170,042	744,433	180,058	3,452	-----	3,135,425	2,920,181	8,916	10,433	186,895	5,534,773	2,399,348	20		
1,470,015	193,479	180,173	869,267	226,757	-----	9,339	2,424,492	2,335,683	5,862	25,354	57,593	4,954,314	2,529,822	21		
432,098	49,636	113,900	222,631	32,874	3,300	10,157	4,011,245	4,849,715	140	61,390	-----	6,366,224	1,454,970	22		
395,362	18,462	41,660	278,577	53,822	1,447	1,494	677,146	660,932	567	3,545	12,112	1,340,826	669,080	23		
1,460,947	71,193	209,144	950,280	199,763	28,547	2,020	5,235,503	5,117,892	82,732	34,879	-----	9,662,786	4,427,283	24		
133,352	2,760	15,836	106,393	8,363	-----	-----	89,014	42,911	32,784	13,819	-----	329,959	240,945	25		
2,548,653	257,110	323,062	1,442,036	467,559	54,442	3,844	4,214,702	3,965,876	65,709	166,914	16,203	9,802,283	5,587,521	26		
197,240	6,200	8,225	176,350	6,465	-----	-----	248,220	238,835	246	3,681	5,458	488,723	240,503	27		
235,703	14,820	49,495	151,391	19,997	-----	-----	3,156,964	3,144,620	4,083	8,261	-----	3,820,132	668,168	28		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	29		
131,113	21,056	18,394	74,895	16,768	-----	-----	214,214	210,165	2,078	1,971	-----	592,320	378,106	30		
1,758,537	124,734	123,875	928,319	561,201	2,419	17,989	9,710,426	9,600,349	43,216	66,480	381	12,588,915	2,878,489	31		
25,666,116	403,953	2,143,281	22,050,915	414,796	411,032	182,139	15,185,313	13,599,138	227,974	213,184	1,145,017	52,471,914	37,280,601	32		
61,517	5,100	3,800	41,287	11,330	-----	-----	22,617	16,817	761	1,823	3,216	104,879	81,762	33		
591,724	62,295	34,822	473,276	21,331	-----	-----	657,828	632,355	356	17,572	7,545	1,624,975	937,147	34		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	35		
688,110	19,376	48,058	594,153	22,321	(⁴)	(⁴)	318,534	145,637	140,777	32,120	-----	1,665,234	1,346,700	36		
3,184,450	248,456	365,704	2,216,168	348,652	4,202	-----	4,876,467	4,763,841	15,205	48,832	49,089	10,067,190	5,190,732	37		
7,473,659	294,649	805,221	6,112,221	254,179	3,901	1,569	4,004,271	4,280,226	41,403	206,517	76,125	16,605,896	12,001,125	38		
2,610,322	142,743	208,671	1,608,374	646,762	3,782	-----	1,685,785	1,592,601	15,159	44,102	33,923	5,850,510	4,164,725	39		
300,158	27,300	14,784	226,266	30,808	-----	1,000	248,172	233,284	2,641	6,647	5,600	746,329	498,157	40		
54,342	4,200	2,949	42,477	4,716	-----	-----	113,040	112,501	125	414	-----	208,065	95,925	41		
2,517,836	124,007	409,738	1,298,335	682,300	3,406	-----	11,292,358	11,063,387	109,528	59,243	60,100	20,364,605	9,072,407	42		
111,930	9,805	24,543	76,348	1,240	-----	-----	214,003	206,054	396	1,120	6,433	416,492	202,480	43		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	44		
964,803	108,702	124,856	432,291	300,954	-----	-----	996,908	950,365	5,549	15,254	25,738	2,683,962	1,687,056	45		
160,391	16,723	20,178	102,529	20,961	-----	-----	223,994	215,868	862	2,959	4,305	549,315	325,321	46		
308,433	37,684	29,958	213,711	27,080	-----	-----	368,942	350,867	11,182	6,893	-----	817,198	448,256	47		
1,730,065	136,051	258,635	1,206,412	121,861	2,000	5,106	3,752,056	3,677,226	12,923	35,925	25,879	7,013,073	3,261,017	48		
61,004	6,600	1,069	49,288	4,057	-----	-----	35,315	33,572	415	1,028	300	161,414	126,099	49		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	50		
484,606	4,800	85,589	373,694	13,356	7,167	-----	916,435	853,910	27,953	31,422	3,150	2,191,568	1,275,133	51		
743,220	78,762	87,950	550,079	26,429	-----	-----	721,259	706,146	4,730	7,482	2,901	2,301,941	1,580,682	52		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	53		
2,248,518	155,458	305,931	1,643,143	129,646	14,340	-----	1,099,550	1,387,931	37,097	272,074	2,448	5,205,804	3,506,254	54		
5,225,464	404,179	427,692	3,662,128	681,775	10,073	39,617	9,435,657	9,123,322	71,582	97,458	143,295	20,379,388	10,943,731	55		
322,864	23,452	47,165	235,674	16,746	-----	-----	580,426	575,260	399	4,749	18	1,128,240	547,814	56		
246,447	33,899	30,725	142,956	38,867	-----	-----	181,797	176,083	430	4,013	-----	572,667	390,870	57		
334,019	40,580	85,301	242,180	15,958	-----	-----	201,796	160,171	31,497							

TABLE 8.—GENERAL STATISTICS FOR THE

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 ³	Wage earners (average for year) ³			
1	1 Vinegar and cider.....	13	11	89	3	10	67	9		
2	13 Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	25	17	187	11	25	122	20		
3	13 Whiteware.....	3	1	457	6	35	401	15		
4	6 Window and door screens and weather strip.....	15	19	197	10	21	108	58		
5	6 Window shades.....	21	15	134	3	21	97	10		3
6	1 Wines.....	165	138	1,848	73	314	1,112	191	97	61
7	14 Wire drawn from purchased rods.....	4		349	7	61	277	4		
8	14 Wirework not elsewhere classified.....	57	59	1,857	20	182	1,565	110		
9	16 Wiring devices and supplies.....	6	4	181	6	24	122	29		
10	4 Women's and misses' blouses and waists—made in contract factories.....	5	13	156	4	2	148	2		
11	4 Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	19	21	650	4	31	575	40		
12	4 Women's and misses' clothing, not elsewhere classified—made in contract factories.....	11	13	171		1	169		1	
13	4 Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	66	71	2,022	20	98	1,706	127		11
14	4 Women's and misses' dresses (except house dresses)—made in contract factories.....	27	33	357	1		354	2		
15	4 Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	81	93	2,781	25	157	2,374	216		9
16	4 Women's, children's, and infants' underwear and nightwear of cotton and flannel woven fabrics.....	6	10	116		2	106	8		
17	4 Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	3	4	89	2	0	73	3	1	1
18	4 Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	19	17	658	6	40	586	22		4
19	4 Women's neckwear, scarfs, etc.....	5	6	25		4	16	5		
20	12 Women's pocketbooks, handbags, and purses.....	5	5	34		1	28	5		
21	6 Wooden boxes except cigar boxes.....	76	41	2,011	29	122	1,722	104	1	33
22	6 Wood preserving.....	11	1	276	1	27	245	3		
23	6 Wood products not elsewhere classified.....	51	56	567	22	43	460	43		9
24	17 Woodworking machinery.....	7	4	109	6	9	45	49		
25	3 Wooden and worsted manufactures—regular factories or jobbers engaging contractors.....	9	4	455	11	28	407	9		
26	20 Wool pulling.....	3	2	155	5	8	142			
27	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	42	48	2,464	15	80	2,172	187	2	8
28	14 Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	14	0	531	9	16	488	18		
29	16 X-ray and therapeutic apparatus and electronic tubes.....	15	14	120	13	23	64	19		1
30	Other industries ⁴	208	106	17,692	143	1,759	15,040	445	231	68
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
31	1 Food and kindred products.....	23	14	2,797	6	213	2,336	37		
32	3 Textile-mill products and other fiber manufactures.....	27	6	1,489	29	83	1,335	42	78	27
33	4 Apparel and other finished products made from fabrics and similar materials.....	12	14	186	2	15	152	14	1	2
34	6 Furniture and finished lumber products.....	6	10	273	1	18	249	5		
35	9 Chemicals and allied products.....	28	11	613	11	68	482	24	27	1
36	13 Stone, clay, and glass products.....	17	7	1,583	22	148	1,377	35	1	
37	14 Iron and steel and their products, except machinery.....	23	8	6,522	22	685	5,625	88	74	28
38	17 Machinery (except electrical).....	14	10	251	11	54	112	73		1
39	20 Miscellaneous industries.....	16	9	159	8	21	110	20		
40	2 Tobacco manufactures.....	5	2	325	3	47	254	21		
	7 Paper and allied products.....	6		357	8	44	260	45		
	8 Printing, publishing, and allied industries.....	3	1	107	3	12	80	12		
	15 Nonferrous metals and their products.....	14	7	989	13	151	752	14	50	9
	16 Electrical machinery.....	4	2	98		11	86	1		
	19 Transportation equipment except automobiles.....	7	3	1,878	3	85	1,780	10		
	5 Lumber and timber basic products.....	1								
	10 Products of petroleum and coal.....	1								
	12 Leather and leather products.....	1	2	65	1	4	56	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 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.

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 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	Dollars	
102,071	4,650	13,595	69,025	14,801			313,287	300,843	4,902	7,089	503	645,004	231,717	1
291,502	29,739	44,615	161,979	55,169			746,766	725,066	3,963	17,737		1,241,230	494,404	2
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)		(³)	(³)	3
288,791	52,240	28,311	137,986	70,254			364,781	359,561	224	4,906		821,170	456,389	4
177,657	20,800	28,495	113,835	17,257		2,470	589,341	583,950	861	3,540	984	936,796	347,455	5
2,245,617	280,248	443,131	1,138,034	292,672	63,148	28,384	13,542,794	13,143,186	171,636	215,122	12,850	21,809,877	7,767,083	6
592,384	35,750	106,398	430,907	19,361			1,953,913	1,898,687	15,497	39,729		3,153,178	1,199,265	7
2,543,102	83,505	327,300	1,630,567	201,430			4,313,120	4,232,041	15,003	58,385	7,700	9,191,749	4,878,620	8
316,448	35,700	51,434	169,057	90,257			626,650	610,031	8,808	8,011		1,529,967	903,317	9
130,067	20,160	4,271	108,719	1,917			21,717	17,407	74	4,236		192,747	171,030	10
579,841	19,600	49,771	446,870	63,600			1,109,780	980,316	475	4,366	124,023	2,179,773	1,069,993	11
99,813		1,599	97,422		792		10,066	7,163	618	2,285		197,088	187,022	12
1,984,973	73,504	155,960	1,555,731	178,241		21,537	3,661,661	3,427,154	3,089	21,147	210,271	7,202,928	3,541,267	13
211,314	1,843		208,023	1,448			250,766	244,255	800	5,711		603,332	352,566	14
2,937,207	134,277	271,423	2,164,361	358,453		8,693	4,729,412	4,276,888	2,316	24,549	425,659	9,589,320	4,869,908	15
86,382		1,980	73,647	10,755			99,687	97,385		1,069	1,233	238,544	138,857	16
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)		(³)	(³)	17
569,497	36,200	56,441	438,088	34,808		3,290	1,195,648	1,185,704	288	6,403	3,253	2,091,905	896,317	18
16,896		2,657	11,805	2,434			57,265	55,033	55	384	1,793	108,967	51,702	19
27,110		333	22,905	3,782			45,251	44,850	83	318		95,181	49,930	20
2,391,725	142,742	219,252	1,821,020	180,224	1,824	26,666	7,666,624	7,522,595	541	121,687	21,501	11,326,448	3,659,824	21
407,515	4,200	55,210	344,022	4,083			3,944,662	3,882,248	54,001	8,413		5,269,015	1,324,363	22
608,427	44,710	55,098	445,172	50,972	100	12,375	841,540	810,404	1,096	23,289	6,751	2,000,194	1,158,654	23
142,921	17,210	14,530	64,339	46,842			133,098	129,944	95	2,014	1,045	441,220	308,122	24
482,196	62,540	48,507	352,911	15,617	2,621		1,137,162	1,102,883	18,999	15,106	174	1,825,586	688,424	25
262,273	35,929	22,624	203,720				1,675,131	1,661,145	2,137	11,849		2,439,369	764,238	26
2,427,450	85,416	106,423	1,845,209	317,959	2,463	9,980	4,024,170	3,945,418	5,103	27,151	46,498	8,152,004	4,127,834	27
831,616	43,404	25,702	717,312	45,018			2,235,105	2,153,837	6,733	34,535	40,000	4,114,175	1,870,070	28
193,111	50,278	39,334	81,015	18,284		4,200	374,612	362,856	410	1,681	9,665	939,293	564,621	29
28,933,992	699,020	4,057,484	22,728,226	912,659	425,599	111,004	185,707,546	180,230,917	2,224,390	1,412,556	1,830,683	253,985,539	68,277,993	30
4,385,243	19,335	745,929	3,411,621	69,562	98,381	40,415	61,952,096	59,818,993	495,082	58,817	1,570,114	78,044,011	16,092,005	31
1,981,524	159,594	173,285	1,537,200	111,445			4,239,908	4,080,445	64,058	95,405		12,172,204	7,932,296	32
194,764	30,000	21,206	115,780	18,589	1,765	1,424	323,122	316,993	185	2,097	3,847	670,090	346,968	33
309,061	2,333	34,602	265,838	6,288			672,385	658,185	1,610	12,590		1,024,924	352,539	34
1,008,431	53,792	149,963	694,021	44,057	61,794	4,804	1,747,537	1,566,961	88,419	91,687	470	4,958,243	3,210,706	35
2,200,163	117,820	302,530	1,690,008	78,620	2,125		1,465,254	1,212,792	179,159	73,303		5,650,740	4,185,486	36
11,787,667	138,952	1,055,790	9,632,589	142,311	171,429	46,596	17,980,297	15,939,121	1,067,606	897,244	76,320	39,970,839	21,990,542	37
485,846	51,094	102,471	164,037	166,744		1,500	565,409	558,565	504	7,313	169,027	1,325,980	760,571	38
177,621	14,445	30,542	107,747	24,887			382,397	378,186	1,133	3,040	38	881,393	498,996	39
6,403,672	105,655	841,166	5,100,325	250,156	90,105	16,265	96,379,231	95,879,676	326,634	171,060	1,861	109,287,115	12,907,834	40

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

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

Group No.	INDUSTRY	* Number of establishments	* Proprietors and firm members	* PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
LOS ANGELES INDUSTRIAL AREA										
1	All industries, total	5,594	4,947	171,392	2,873	22,309	126,391	17,814	1,203	802
2	17 Agricultural machinery (except tractors)	3	1	148		25	100	23		
3	19 Aircraft and parts, including aircraft engines	28	12	21,327	126	6,487	14,364	333	13	4
4	15 Alloying and rolling and drawing of nonferrous metals, except aluminum	4	2	109	2	13	90			4
5	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified	14	19	477	1	57	410	9		
6	13 Asbestos products (except steam packing and pipe and boiler covering)	3	1	109	3	9	08	24	5	
7	18 Automobile trailers (for attachment to passenger cars)	16	21	145	4	8	127	6		
8	16 Batteries, storage and primary (dry and wet)	17	12	459	7	45	340	60		1
9	20 Beauty-shop and barber-shop equipment	3	2	46	2	3	37	4		
10	4 Belts (apparel), regardless of material	13	17	111	1	4	89	16		1
11	1 Biscuit, crackers, and pretzels	16	9	873	6	48	754	43	6	16
12	1 Blended and prepared flour made from purchased flour	5	6	21		2	12	7		
13	14 Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	4	92	5	14	67	5	1	
14	8 Bookbinding and related industries	31	31	433	11	78	325	19		
15	8 Books: printing without publishing	23	28	254	10	32	190	22		
16	8 Books: publishing without printing	12	7	110	7	75		28		
17	12 Boot and shoe cut stock and findings	4	4	39	3	4	32			
18	1 Bread and other bakery products (except biscuit, crackers, and pretzels)	327	342	7,346	49	340	5,581	1,170	127	79
19	13 Brick and hollow structural tile	11	15	357	9	15	290	29	1	7
20	20 Brooms	6	6	67	1	2	59	5		
21	20 Brushes	6	4	68	6	6	38	18		
22	20 Buttons	5	6	29		1	28			
23	1 Candy and other confectionery products	45	37	1,506	12	86	1,215	177		16
24	1 Canned and dried fruits and vegetables (including canned soups)	29	16	821	18	50	648	73	2	26
25	1 Canned fish, crustacea, and mollusks	12		2,876	18	135	2,616	31	33	43
26	3 Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	8	2	20	1		17	2		
27	6 Caskets, coffins, burial cases, and other morticians' goods	19	15	260	14	19	192	33		2
28	14 Cast-iron pipe and fittings	5	1	776	8	61	690	7		1
29	1 Cereal preparations	7	5	44	4	3	24	13		
30	1 Cheese	5	3	135	3	20	105	4	3	
31	9 Chemicals not elsewhere classified	23	1	967	24	176	659	51	48	9
32	4 Children's dresses—made in inside factories or by jobbers engaging contractors	5	3	195	6	5	173	11		
33	13 Clay refractories, including refractory cement (clay)	4	2	234	4	20	194	14	2	
34	9 Cleaning and polishing preparations, blackings, and dressings	28	25	243	14	33	94	102		
35	4 Clothing, leather and sheep-lined	6	6	325	7	22	272	24		
36	3 Cloth sponging and miscellaneous special finishing	3		41	3		36	2		
37	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	106	128	2,305	23	91	2,060	126		5
38	16 Communication equipment	12	9	174	6	27	132	6	3	
39	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	13	2	244	4	25	138	75	2	
40	13 Concrete products	49	34	450	14	40	331	55	2	8
41	17 Construction and similar machinery (except mining and oil-field machinery and tools)	9	5	271	10	40	176	34	1	10
42	7 Converted paper products not elsewhere classified	15	8	397	8	55	279	55		
43	1 Cooking and other edible fats and oils, not elsewhere classified	4		503	3	117	333	39	11	
44	6 Cooperage	3	4	69		4	58	7		
45	4 Corsets and allied garments	19	17	547	9	23	467	48		
46	1 Creamery butter	7	5	47		2	37	8		
47	4 Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	14	14	397	6	21	342	27		1
48	20 Dental equipment and supplies	7	9	18	2	1	10	5		
49	7 Die-cut paper and paperboard, and converted cardboard	3		58	5	11	26	12		4
50	14 Doors, window sash, frames, molding, and trim (made of metal)	20	15	197	12	15	126	40	2	2
51	9 Drugs and medicines (including drug grinding)	46	27	496	29	70	274	120	2	1
52	3 Dyeing and finishing cotton, rayon, silk, and linen textiles	8	4	189	10	15	145	19		
53	16 Electrical appliances	5	6	203	3	18	172	10		
54	16 Electrical products not elsewhere classified	7	9	27		4	21	2		
55	15 Electroplating, plating, and polishing	50	64	453	14	31	386	20		2
56	8 Electrotyping and stereotyping, not done in printing establishments	6	5	54	6	7	35	7		
57	17 Elevators, escalators, and conveyors	9	5	250	11	33	166	40		
58	4 Embroideries, other than Schiffli-machine products—contract factories	10	14	55		2	63			
59	4 Embroideries: Schiffli-machine products	6	9	43		5	35	3		
60	14 Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	16	13	1,289	10	65	1,146	59		
61	14 Enameling, japanning, and lacquering	3	2	11		1	10			
62	8 Engraving (steel, copperplate, and wood); plate printing	14	19	81	2	8		5		
63	7 Envelopes	7	8	176	8	18	127	22		1
64	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	48	37	1,753	44	292	1,298	112	4	3
65	20 Feathers, plumes, and artificial flowers	6	7	41		3	38			
66	3 Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	13	273	4	27	219	23		

See footnotes at end of table.

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other Industries") and by industry groups. Certain of the in-
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 manu- facture ⁴
Total ²	Salaries of officers of corporations ³	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries ²	Wages										

LOS ANGELES INDUSTRIAL AREA

Dollars 258,123,668	Dollars 15,336,999	Dollars 42,144,629	Dollars 166,630,467	Dollars 30,489,643	Dollars 2,090,562	Dollars 1,431,308	Dollars 706,906,903	Dollars 682,958,439	Dollars 7,946,944	Dollars 7,903,053	Dollars 8,098,467	Dollars 1,216,433,652	Dollars 612,526,749	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	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
741,845	6,000	104,916	619,772	11,157	(⁵)	(⁵)	597,114	557,774	12,631	19,949	6,760	2,100,482	1,503,368	4
151,256	8,200	11,817	126,177	5,662	(⁵)	(⁵)	305,527	300,209	130	3,001	2,187	698,380	302,853	5
697,938	57,149	86,157	449,356	107,076	(⁵)	1,200	2,831,254	2,705,753	10,308	55,103	(⁵)	3,886,617	1,055,363	6
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7
94,537	250	3,667	72,518	17,478	(⁵)	624	112,891	111,900	39	952	(⁵)	298,054	185,103	8
972,743	20,886	98,206	760,614	72,074	9,641	20,422	2,170,943	2,126,606	28,636	15,701	(⁵)	5,481,886	3,310,943	9
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	10
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	11
89,940	7,770	17,537	56,016	8,117	500	(⁵)	95,140	87,087	515	2,347	5,200	261,398	166,249	12
644,683	37,768	128,506	441,012	37,307	(⁵)	(⁵)	508,882	481,147	1,538	8,873	17,324	1,891,364	1,382,482	13
369,335	36,644	40,946	242,900	42,789	(⁵)	(⁵)	350,527	298,853	706	8,201	47,677	1,020,157	669,630	14
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	15
43,188	10,270	5,044	27,874	27,739	(⁵)	(⁵)	58,884	58,192	(⁵)	(⁵)	(⁵)	135,445	76,561	16
10,829,902	294,738	611,093	8,241,738	1,308,899	205,940	167,502	16,407,107	16,063,503	228,295	644	205,219	36,504,969	20,007,862	17
413,731	52,358	25,744	284,245	46,787	1,612	3,005	220,173	74,477	124,301	21,305	(⁵)	933,272	713,099	18
76,098	3,200	2,040	63,170	6,088	(⁵)	(⁵)	108,465	107,537	(⁵)	928	(⁵)	217,653	109,188	19
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	20
24,891	1,800	23,591	267,739	2,034	29,096	17,641	16,503	16,503	428	710	(⁵)	72,258	54,617	21
1,458,721	41,179	168,311	950,362	267,739	2,034	29,096	4,606,783	4,540,262	28,497	37,024	(⁵)	7,954,637	3,348,854	22
699,826	72,143	75,381	455,045	70,134	2,340	24,783	2,535,109	2,299,062	21,289	14,758	(⁵)	3,792,708	1,457,599	23
2,586,410	183,421	268,679	2,016,465	49,688	22,832	45,334	10,755,956	10,641,584	66,919	47,453	(⁵)	17,598,674	6,842,718	24
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	25
427,188	61,073	33,187	249,067	80,799	(⁵)	2,462	683,407	677,987	828	4,497	95	1,428,592	745,185	26
1,026,000	30,338	96,656	880,136	9,460	(⁵)	500	1,263,035	1,103,968	145,083	18,884	1,000	2,622,325	1,353,300	27
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	28
1,707,030	126,799	428,704	933,295	103,402	99,293	16,477	5,327,873	5,062,179	97,497	160,091	8,106	9,842,047	4,614,174	29
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	30
174,300	28,500	6,335	121,976	17,489	(⁵)	(⁵)	239,047	217,928	391	1,608	19,120	476,456	237,409	31
335,428	41,725	48,113	90,397	163,059	358	1,776	790,051	779,870	2,063	3,615	4,803	1,768,916	978,865	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
2,893,645	123,074	147,337	2,417,438	201,584	4,212	5,005,608	4,711,009	4,711,009	4,009	23,360	266,540	9,742,814	4,737,206	35
210,305	15,768	36,560	146,104	7,994	3,879	187,028	181,516	181,516	799	2,778	1,935	526,864	339,836	36
475,435	56,333	61,682	200,916	152,268	4,236	495,080	369,230	369,230	21,036	104,814	(⁵)	1,811,840	1,316,760	37
704,580	59,630	86,361	456,779	92,408	8,862	1,160,670	1,137,955	1,137,955	6,461	10,254	(⁵)	2,431,936	1,271,266	38
396,876	42,519	54,253	215,742	77,097	1,800	5,465	524,810	506,445	7,652	10,713	(⁵)	1,021,201	496,391	39
547,830	37,215	107,125	315,515	87,975	(⁵)	(⁵)	1,411,048	1,390,567	832	14,289	5,360	3,314,562	1,603,514	40
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	41
499,061	25,641	26,981	375,018	71,421	(⁵)	(⁵)	542,880	536,260	408	6,221	(⁵)	1,002,281	1,060,392	42
77,416	7,976	53,905	15,535	15,535	(⁵)	(⁵)	1,035,845	995,490	18,652	20,733	(⁵)	1,290,034	254,189	43
399,807	35,260	33,787	270,621	59,268	(⁵)	871	924,269	918,962	321	4,287	699	1,600,412	685,143	44
21,247	3,480	1,560	10,984	5,223	(⁵)	(⁵)	179,678	178,905	61	712	(⁵)	209,595	110,917	45
338,008	58,254	26,140	184,597	64,859	3,000	1,156	380,458	367,627	269	3,917	8,645	954,300	603,932	46
720,019	117,204	123,861	294,377	180,001	3,638	938	1,060,170	1,042,651	6,815	10,354	350	2,923,313	1,863,143	47
205,036	22,841	21,706	137,374	23,115	(⁵)	(⁵)	358,802	341,602	13,158	4,132	(⁵)	651,817	292,925	48
36,615	7,233	27,182	2,200	2,200	(⁵)	(⁵)	87,925	87,141	51	733	(⁵)	203,223	115,268	49
624,955	46,494	35,921	504,808	35,372	(⁵)	2,360	272,711	213,463	12,834	43,094	3,320	1,326,918	1,054,207	50
148,611	47,063	14,489	71,311	15,748	(⁵)	(⁵)	37,297	29,766	931	2,636	3,964	256,868	216,571	51
435,757	50,323	65,104	238,073	82,257	(⁵)	(⁵)	562,320	525,932	2,303	6,098	27,387	1,167,140	604,820	52
46,808	1,870	45,238	45,238	45,238	(⁵)	(⁵)	21,969	18,506	211	790	2,402	126,786	104,817	53
48,944	7,072	39,191	2,681	2,681	(⁵)	(⁵)	25,272	24,472	72	628	100	107,470	82,108	54
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	55
14,104	2,583	11,521	(⁵)	(⁵)	(⁵)	(⁵)	17,097	15,993	515	589	(⁵)	46,047	28,950	56
85,943	6,820	7,753	69,273	2,097	(⁵)	(⁵)	83,631	69,236	106	1,885	12,404	265,263	181,632	57
254,086	18,517	30,963	155,539	47,599	(⁵)	1,478	342,316	328,637	345	4,502	8,832	767,470	425,154	58
2,881,027	186,291	561,141	1,896,984	225,431	7,280	3,900	7,290,190	7,171,768	23,605	73,155	21,672	11,914,586	4,624,396	59
42,743	(⁵)	5,065	37,678	(⁵)	(⁵)	(⁵)	77,037	75,226	741	820	250	164,929	87,892	60
420,004	37,509	66,609	287,174	28,712	(⁵)	(⁵)	1,030,868	996,728	14,932	19,208	(⁵)	2,131,490	1,100,622	61

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Propri-eters and firm mem-bers	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corpo-rations ²	Manufacturing		Distri-bution	Con-struc-tion	Other
						Salaried employ-ees ²	Wage earners (average for year) ²			
LOS ANGELES INDUSTRIAL AREA—Continued										
1 9	Fertilizers	17	11	237	6	30	118	83		
2 3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	1	88	7	5	72	4		
3 1	Flavoring extracts and flavoring sirups, not elsewhere classified	27	17	366	17	78	218	44	7	2
4 13	Floor and wall tile (except quarry tile)	10	4	1,139	10	51	1,030	46	2	
5 1	Flour and other grain-mill products	7	1	406	10	55	243	98		
6 1	Food preparations, not elsewhere classified	81	67	1,110	36	76	720	258	8	12
7 17	Food-products machinery	18	7	307	24	39	218	26		
8 12	Footwear (except rubber)	13	6	858	16	84	686	72		
9 14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	1	150	4	21	124	1		
10 4	Fur coats and other fur garments, accessories, and trimmings	51	59	225	9	11	186	10		
11 14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	3	88	8	5	71	4		
12 20	Games and toys (except dolls and children's vehicles)	14	16	127	8	16	94	8	1	
13 8	General commercial (job) printing	389	405	2,978	110	309	2,201	367	1	
14 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	32	24	1,208	24	210	873	97		4
15 14	Gray-iron and semisteel castings	26	28	1,095	14	78	957	45	1	
16 8	Greeting cards (except hand-painted)	5	3	216	5	35	140	36		
17 20	Hand stamps, stencils, and brands	13	11	117	9	3	84	21		
18 14	Hardware not elsewhere classified	26	28	415	8	24	342	41		
19 14	Heating and cooking apparatus, except electric, not elsewhere classified	10	13	61	2	1	49	9		
20 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	15	10	948	6	41	851	50		
21 4	Housefurnishings (except curtains, draperies, and bedspreads)	27	25	455	10	28	349	63		5
22 6	Household furniture, except upholstered	143	187	3,505	38	206	2,930	362	3	26
23 1	Ice cream and ices	70	45	1,309	32	80	520	555	4	118
24 1	Ice, manufactured	43	21	790	25	36	320	404	8	8
25 12	Industrial leather belting and packing leather	6	8	81		4	20	7		
26 17	Industrial machinery, not elsewhere classified	25	9	1,385	28	189	1,010	124	31	3
27 9	Insecticides, fungicides, and related industrial and household chemical compounds	44	32	209	31	48	149	08	3	
28 17	Internal-combustion engines	3	2	23	1	2	20			
29 20	Jewelry cases and instrument cases	4	5	62		3	58	1		
30 15	Jewelry (precious metals)	33	37	242	8	36	181	12		5
31 3	Knitted outerwear (except knit gloves)—contract factories	9	10	87	5	2	80			
32 3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	31	35	1,022	17	59	787	156	3	
33 6	Laboratory, hospital, and other professional furniture	7	10	104	1	9	81	13		
34 15	Lighting fixtures	64	66	786	42	69	579	91	1	4
35 1	Liquors, rectified or blended	5	1	63	6	8	48	1		
36 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	13	550	18	97	353	81		1
37 9	Lubricating oils and greases—not made in petroleum refineries	12	8	94	5	14	42	31		2
38 1	Macaroni, spaghetti, vermicelli, and noodles	17	20	250	11	20	167	57	4	
39 8	Machine and hand typesetting (including advertisement typesetting)	33	47	208	6	29	161	12		
40 17	Machine-shop products, not elsewhere classified	108	98	1,905	68	240	1,408	109	2	12
41 17	Machine-shop repairs	52	55	404	8	35	346	14		1
42 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	22	147	4	10	127	6		
43 1	Malt liquors	7	8	781	9	61	588	92	3	28
44 6	Mattresses and bedsprings	27	33	568	2	41	450	62		4
45 17	Measuring and dispensing pumps	3	1	93	1	6	29	56		1
46 17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	7	2	361	7	32	298	23		1
47 1	Meat packing, wholesale	40	28	4,426	37	319	2,826	1,157	49	38
48 17	Mechanical power-transmission equipment	6	7	51	3	10	26	11		1
49 4	Men's and boys' hats and caps (except felt and straw)	9	10	107	1	6	93	6		
50 4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	2	62		1	60	1		
51 4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	17	17	811	16	34	695	64		2
52 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	28	38	266	3	7	251	4		1
53 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	37	40	1,956	27	129	1,657	142		1
54 4	Men's neckwear—made in inside factories or by jobbers engaging contractors	10	8	602	6	26	503	66		1
55 4	Millinery	51	59	965	11	40	834	80		
56 13	Minerals and earths, ground or otherwise treated	12	7	272	3	52	208	9		
57 6	Mirror frames and picture frames	10	10	106	2	9	81	14		
58 13	Mirrors and other glass products made of purchased glass	27	27	321	16	20	230	55		
59 20	Miscellaneous fabricated products not elsewhere classified	25	22	216	4	16	183	13		
60 4	Miscellaneous fabricated textile products not elsewhere classified	12	9	153	3	8	122	10		1
61 20	Models and patterns (except paper patterns)	29	31	134	4	2	123	5		
62 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	19	14	152	12	13	112	15		
63 19	Motor vehicles, motor-vehicle bodies, parts and accessories	45	34	4,288	39	528	3,487	220		14
64 9	Mucilage, paste, and other adhesives, except glue and rubber cement	4	5	9		3	4	2		
65 20	Needles, pins, hooks and eyes, and slide and snap fasteners	3		40	2	3	30	5		

See footnotes at end of table.

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

[illegible]

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

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			
LOS ANGELES INDUSTRIAL AREA—Continued										
1 8	Newspapers: publishing and printing	113	92	6,784	08	2,142	2,728	1,845	1	
2 8	Newspapers: publishing without printing	37	33	313	6	160	77	70		
3 1	Nonalcoholic beverages	35	19	1,064	29	50	400	575		4
4 15	Nonferrous-metal foundries (except aluminum)	36	32	454	15	35	382	22		
5 15	Nonferrous-metal products not elsewhere classified *	26	24	332	10	24	274	20	2	2
6 17	Office and store machines not elsewhere classified	4		256	4	50	151	32	4	15
7 6	Office furniture *	16	21	158	3	15	126	13		1
8 14	Oil burners, domestic and industrial	3	2	61		10	44	7		
9 17	Oil-field machinery and tools	45	29	3,033	51	465	1,929	555	10	13
10 9	Paints, varnishes, and lacquers	76	45	1,269	51	197	596	405	3	17
11 7	Paper and paperboard mills	7		1,128	7	126	954	30	11	
12 7	Paperboard containers and boxes not elsewhere classified	28	12	1,098	23	80	883	101		2
13 6	Partitions, shelving, cabinet work, and office and store fixtures	49	41	1,308	29	110	980	182	4	3
14 10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	7	4	117	5	12	57	43		
15 9	Perfumes, cosmetics, and other toilet preparations	36	22	503	21	78	292	107	5	
16 8	Periodicals: publishing and printing	16	8	472	7	121	292	52		
17 8	Periodicals: publishing without printing	95	62	513	37	303	16	157		
18 10	Petroleum refining	47	13	5,830	46	848	4,290	247	398	1
19 8	Photoengraving, not done in printing establishments (including preparation of plates)	29	31	418	28	49	276	65		
20 20	Photographic apparatus and materials and projection equipment (except lenses)	20	22	239	6	31	178	24		
21 1	Pickled fruits and vegetables and vegetable sauces and seasonings	21	23	448	7	27	330	80		4
22 5	Planing mills not operated in conjunction with sawmills	102	79	2,110	50	109	1,720	221	7	3
23 13	Pottery products not elsewhere classified	18	17	626	3	39	546	33	4	1
24 1	Poultry dressing and packing, wholesale	25	27	366	3	26	279	57	1	
25 14	Power boilers and associated products	19	10	930	28	79	735	86	2	
26 1	Prepared feeds (including mineral) for animals and fowls	43	28	756	24	91	497	134	6	4
27 1	Preserves, jams, jellies, and fruit butters	19	14	298	9	29	207	52		1
28 9	Printing ink	3	1	26	3	3	12	8		
29 17	Printing-trades machinery and equipment	11	10	84	7	11	43	23		
30 20	Professional and scientific instruments (except surgical and dental)	17	13	198	8	31	147	10	2	
31 6	Public-building furniture	8	6	67	2	6	53	6		
32 17	Pumping equipment and air compressors	32	10	1,675	35	215	1,064	340		21
33 1	Quick-frozen foods	3		62	2		65	22	3	
34 16	Radios, radio tubes, and phonographs	26	13	690	21	88	532	48	1	
35 17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	23	19	833	18	92	609	105		9
36 4	Robes, lounging garments, and dressing gowns *	16	20	429	5	31	353	36	2	2
37 10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	12	8	511	5	54	347	97	8	
38 13	Roofing tile	5	7	103		9	90	4		
39 11	Rubber products not elsewhere classified	41	33	1,230	35	119	913	156	5	2
40 12	Saddlery, harness, and whips	5	5	47	3	3	37	4		
41 1	Salad dressings	11	5	116	7	18	82	9		
42 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	26	28	353	9	21	216	102	1	4
43 14	Screw-machine products and wood screws	14	14	348	8	18	310	12		
44 15	Secondary smelting and refining of nonferrous metals not elsewhere classified	3		144	7	13	106	10	8	
45 15	Sheet-metal work not specifically classified	89	93	1,191	32	91	912	152	2	2
46 19	Shipbuilding and ship repairing	12	5	864	19	86	750	9		
47 20	Signs, advertising displays, and advertising novelties	63	60	937	25	82	670	159	1	
48 9	Soap and glycerin	19	6	742	22	140	490	83		7
49 20	Soda fountains, beer dispensing equipment, and related products	3	2	42		8	34			
50 20	Sporting and athletic goods not elsewhere classified	16	17	86	5	10	65	6		
51 14	Stamped and pressed metal products (except automobile stampings)	24	23	850	10	92	729	16	1	2
52 13	Statuary and art goods (except stone and concrete)—factory production	6	5	42	5	1	33	3		
53 14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	44	4	5	33	2		
54 13	Steam and other packing; pipe and boiler covering	4	5	197		29	164	2	2	
55 14	Steam fittings, regardless of material	9	2	399	15	38	338	8		
56 14	Steel castings	9		925	15	87	783	33	7	
57 14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	44	36	2,568	50	170	2,034	272	8	34
58 12	Suitcases, brief cases, bags, trunks, and other luggage	14	17	159	7	17	131	4		
59 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	11	62	4	7	47	4		
60 14	Tin cans and other tinware not elsewhere classified	6	4	1,098		174	828	10	86	
61 14	Tools (except edge tools, machine tools, files, and saws)	12	13	270	6	24	181	59		
62 4	Trimings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	7	47		5	34	8		
63 4	Trousers (semidress), wash suits, and washable service apparel	8	11	269		16	233	20		
64 6	Upholstered household furniture	53	59	2,057	24	158	1,673	190	1	12
65 9	Vegetable and animal oils, not elsewhere classified	4	1	51	4	8	33	5	1	
66 6	Venetian blinds	54	66	750	14	59	572	102	1	2
67 13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	13	3	145	10	19	91	25		
68 13	Whiteware	3	1	457	6	35	401	15		
69 6	Window and door screens and weather strip	12	17	140	6	9	79	46		
70 6	Window shades	9	2	114	2	18	82	9		3

See footnotes at end of table.

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 manu- facture ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribution	Construc- tion	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work				
		Salaries ²	Wages												

LOS ANGELES INDUSTRIAL AREA—Continued														
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
12,941,737	584,906	4,927,628	4,609,755	2,818,934	514	-----	8,411,827	7,765,694	50,543	136,649	452,941	32,228,284	23,814,457	2
405,880	25,511	166,508	116,036	97,325	-----	-----	711,985	26,060	1,262	3,928	-----	1,478,700	766,715	3
2,150,736	250,252	107,702	482,410	1,805,280	-----	11,092	3,068,263	3,014,130	13,981	40,152	-----	8,370,718	5,302,455	4
617,955	47,633	65,199	471,652	33,471	-----	-----	941,203	874,527	26,886	15,429	25,361	1,914,369	973,166	5
488,593	48,991	45,271	362,108	26,233	2,350	3,640	494,929	467,134	8,862	8,526	10,407	1,377,907	882,978	6
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7
201,638	11,260	25,828	130,500	27,041	-----	1,000	344,756	333,497	482	6,182	4,595	733,065	388,309	8
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	9
5,827,499	412,017	946,397	3,273,449	1,153,300	22,463	10,873	5,248,123	4,922,918	69,217	209,583	46,405	17,594,760	12,346,637	10
2,135,957	244,180	354,742	792,668	721,632	5,643	17,092	7,293,427	7,198,873	16,673	45,200	32,681	11,767,591	4,474,164	11
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	12
1,508,454	122,038	189,243	995,162	201,085	-----	326	3,249,928	3,210,421	10,346	24,514	4,647	5,962,141	2,712,213	13
1,960,905	100,915	196,444	1,393,123	293,439	4,901	2,083	2,162,127	2,108,577	2,125	27,021	24,404	4,798,946	2,636,819	14
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	15
194,587	28,600	19,984	76,982	69,021	-----	-----	538,169	490,621	24,113	13,812	9,623	1,028,431	490,262	16
900,629	223,954	140,855	290,469	243,430	7,815	-----	1,997,053	1,977,035	6,502	9,341	4,175	4,544,430	2,647,377	17
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	18
931,156	25,259	308,412	490,815	106,670	-----	-----	675,851	628,894	955	14,115	31,887	2,742,073	2,066,222	19
845,324	192,748	472,281	21,004	159,291	-----	-----	1,080,436	115,008	132	698	994,598	3,201,444	2,121,008	20
11,695,004	458,654	2,239,539	7,902,294	473,111	619,701	1,645	180,544,259	175,498,849	3,612,198	1,208,382	224,830	224,072,625	43,528,366	21
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	22
918,567	125,003	89,945	536,723	106,896	-----	-----	278,051	188,668	2,286	13,973	73,124	1,713,265	1,435,214	23
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	24
431,739	31,654	40,408	262,458	85,956	11,263	-----	1,352,295	1,335,218	10,737	6,340	-----	2,045,843	693,548	25
3,283,848	241,888	204,725	2,450,943	372,488	9,867	3,937	8,943,683	8,765,128	8,236	138,119	32,200	14,479,494	5,535,811	26
788,439	16,720	69,988	631,624	60,103	9,083	921	419,005	339,704	54,454	17,543	7,304	1,504,441	1,085,436	27
360,180	20,432	35,730	221,876	79,829	2,314	-----	3,305,944	3,296,145	3,747	6,052	-----	4,160,870	854,932	28
1,319,914	129,770	154,363	882,470	148,031	5,280	-----	2,657,619	2,320,049	8,709	42,532	285,420	4,708,435	2,050,816	29
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	30
1,202,084	91,540	146,640	718,469	233,860	8,128	4,047	9,971,987	9,844,161	17,736	110,090	-----	13,777,305	3,805,318	31
350,120	36,629	37,077	192,081	83,495	-----	838	1,542,594	1,527,361	8,915	6,318	-----	2,307,424	764,830	32
55,161	17,517	12,801	12,967	11,866	-----	-----	109,448	108,611	13	824	-----	250,191	140,743	33
126,892	20,125	18,111	57,014	31,642	-----	-----	130,545	122,740	678	1,622	5,505	310,610	179,971	34
353,346	63,688	64,090	202,941	17,997	4,630	-----	282,572	272,915	1,068	3,924	4,665	784,564	481,992	35
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	36
74,313	5,000	9,261	52,088	7,964	-----	-----	77,571	74,749	100	2,602	60	250,159	172,588	37
2,931,718	182,889	430,903	1,662,275	611,606	44,045	-----	2,865,100	2,681,639	25,384	55,618	102,459	8,585,696	5,720,596	38
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	39
926,615	91,813	140,637	606,103	87,350	1,112	-----	2,057,627	2,749,701	7,593	13,568	186,760	5,080,111	2,122,484	40
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	41
1,203,364	135,799	157,153	731,100	169,973	-----	9,339	2,068,146	1,993,145	5,720	21,682	47,593	4,081,560	2,013,414	42
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	43
395,362	18,462	41,560	278,577	53,822	1,447	1,494	677,146	660,932	557	3,545	12,112	1,346,820	669,680	44
806,224	71,193	101,947	447,877	171,484	13,723	-----	2,615,305	2,553,335	40,964	21,006	-----	4,680,534	2,065,229	45
114,714	15,256	92,499	6,959	79,831	-----	-----	79,831	41,302	27,106	11,423	-----	276,008	196,177	46
1,729,283	192,110	207,226	978,293	346,649	3,561	1,444	2,340,541	2,211,682	36,287	76,369	16,203	5,948,217	3,607,670	47
70,466	6,200	6,225	53,407	4,633	-----	-----	63,289	56,411	119	1,301	5,458	157,349	94,060	48
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	49
531,730	48,920	32,518	296,497	147,845	2,410	8,531	3,035,396	3,004,258	10,823	19,934	381	3,870,026	834,630	50
524,675	54,495	27,338	421,411	21,331	-----	-----	587,915	566,784	235	13,351	7,545	1,414,957	827,042	51
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	52
1,624,911	111,501	159,107	1,160,348	191,065	1,321	1,569	2,274,755	2,227,376	5,772	23,973	17,634	4,964,120	2,639,365	53
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	54
1,396,775	89,605	169,823	1,126,108	11,239	-----	-----	855,730	803,960	5,718	46,052	-----	3,100,688	2,304,958	55
1,587,078	122,078	147,060	997,318	319,422	1,200	-----	1,070,150	1,002,199	12,351	26,925	28,675	3,450,895	2,380,745	56
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	57
93,064	10,131	13,723	56,681	12,529	-----	-----	135,101	131,933	293	1,472	1,403	331,107	196,006	58
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

TABLE 3. GENERAL										
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			
LOS ANGELES INDUSTRIAL AREA—Continued										
1	1	10	7	112	5	13	55	37		2
2	14	43	47	1,049	13	77	921	38		
3	16	3	2	92	2	8	62	20		
4	4	5	13	156	4	2	148	2		
5	4	11	11	583	4	25	519	35		
6	4	11	13	171		1	169		1	
7	4	12	13	187	1		184	2		
8	4	57	66	2,316	17	116	2,038	139		6
9	6	17	18	334	4	32	275	23		
10	6	4		128		12	113	3		
11	6	30	36	303	11	23	242	23		4
12	17	4	2	88	5	4	30	49		
13	3	6	2	298	6	13	274	5		
14	4	16	15	950	5	20	825	93	2	5
15	14	4		256	2	5	246	3		
16	16	15	14	120	13	23	64	19		1
17		763	552	54,684	597	10,137	41,166	2,298	350	127
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁶										
18	1	49	25	1,072	23	179	743	107	17	3
19	3	40	13	1,532	37	89	1,330	72	4	
20	4	169	180	4,065	49	213	3,494	283	2	24
21	6	8	9	209	2	18	171	16	2	
22	7	21		1,669	22	192	1,353	84	14	4
23	8	29	16	619	25	128	380	86		
24	9	36	15	1,161	30	196	820	96	2	11
25	12	28	30	1,086	21	96	877	91		1
26	13	40	17	2,890	48	311	2,401	118	12	
27	14	84	61	5,834	65	618	4,743	220	160	28
28	15	17	6	587	18	50	409	36	9	5
29	16	16	12	476	11	41	383	38		
30	17	40	22	1,333	26	220	871	186	12	18
31	20	92	83	1,237	46	123	975	89	4	
32	2	9	11	413		4	400	9		
33	11	5		4,310		633	3,354	200	108	15
34	18	45	34	4,288	39	528	3,487	220		14
35	5	1								
36	10	1	18	21,903	129	6,495	14,915	347	13	4
37	19	33								
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA										
38	All industries, total	3,441	3,141	101,557	1,043	11,893	76,374	9,637	1,614	396
39	17	3	1	13	4	1	8			
40	15	8	3	312	4	56	213	14	25	
41	15	5	6	73	2	12	50	9		
42	13	3	1	143	14	14	117	1	11	
43	1	5		186	22		110	38	12	4
44	6	4	2	54	1	3	47	3		
45	16	10	4	233	8	23	191	11		
46	3	4	2	111	2	11	95	3		
47	20	3	2	58	2	11	20	25		
48	4	3	5	33		3	23	7		
49	1	12	11	782	7	43	647	75	4	6
50	1	3	3	13		3	10			
51	19	5	13	5			5			
52	14	3		54	4	6	41	3		
53	8	25	25	738	13	157	405	157		6
54	8	13	12	144	4	22	101	17		
55	8	5	2	95	6	20	69			
56	8	7	2	171	3	67	1	100		
57	12	4	2	32	3	4	23	2		
58	1	394	516	3,927	32	190	3,000	632	35	38
59	13	3		139	2	7	114	15		1
60	20	4	21	16			16			
61	20	3	1	52	3	6	36	7		
62	1	53	35	1,776	29	101	1,458	172		16
63	1	39	20	5,618	27	270	5,068	133	6	14

See footnotes at end of table.

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 ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries ³	Wages										

LOS ANGELES INDUSTRIAL AREA—Continued

Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
155,896	18,400	23,954	49,423	61,107	2,982	312,030	303,163	4,273	4,603	7,700	757,897	445,858	1	
1,317,839	67,603	130,371	1,036,659	84,206	2,204,519	2,211,579	2,211,579	10,215	35,025	4,697,184	2,432,665	2		
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	3	
130,067	20,160	4,271	103,719	1,917	21,717	17,407	17,407	74	4,236	192,747	171,030	4		
520,417	19,600	40,920	402,811	57,086	954,794	864,691	864,691	353	3,913	85,837	1,882,030	927,242	5	
99,813	1,599	97,422	702	10,066	7,163	618	2,285	197,088	187,022	6				
137,041	1,843	133,750	1,448	243,395	240,829	210	2,356	474,785	231,390	7				
2,392,000	107,940	212,974	1,818,165	247,033	6,488	3,358,277	3,150,529	1,950	19,625	186,173	7,359,008	4,000,731	8	
436,551	36,720	36,955	325,772	37,104	871,805	850,231	850,231	7	12,117	450	1,515,235	643,430	9	
183,681	22,424	157,174	4,083	1,787,828	1,765,319	16,605	1,765,319	16,605	5,904	2,609,735	821,907	10		
323,279	24,160	29,649	233,009	31,417	445,236	423,424	423,424	819	15,491	5,502	1,120,112	674,876	11	
103,842	13,210	0,330	37,460	46,842	90,846	97,594	97,594	29	1,178	1,045	321,179	221,333	12	
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	13	
1,004,502	39,983	04,807	739,576	152,085	2,463	5,588	1,408,899	1,458,032	1,868	8,999	3,047,308	1,578,409	14	
381,546	20,960	9,603	345,475	5,508	1,152,560	1,092,582	1,092,582	3,328	10,650	40,000	1,966,181	813,621	15	
193,111	50,278	30,334	81,015	18,284	4,200	374,612	302,856	410	1,681	9,665	930,233	564,621	16	
85,625,494	3,228,809	18,256,180	58,901,586	4,354,930	608,916	185,073	191,260,493	184,542,578	1,991,875	2,447,772	2,278,268	350,551,426	169,290,933	17
1,746,613	96,692	389,137	1,035,622	195,550	26,772	2,840	17,207,463	16,899,763	134,470	173,230	22,100,860	4,893,397	18	
1,974,940	187,746	183,657	1,397,181	186,663	9,693	3,064,502	2,980,244	28,477	46,325	9,456	5,820,735	2,756,233	19	
3,967,118	246,407	315,533	2,979,860	388,143	2,200	34,975	9,272,268	8,946,169	6,922	47,760	271,417	16,431,766	7,159,498	20
283,099	11,333	44,103	206,747	19,171	1,745	591,924	581,924	4,499	8,900	1,107,303	515,379	21		
2,620,182	88,296	411,892	1,902,644	180,301	34,049	3,000	6,193,579	5,737,225	191,131	254,301	12,303,460	6,109,881	22	
924,926	113,654	149,184	485,898	176,190	8,345	933,519	753,374	2,062	11,679	166,404	2,835,562	1,902,043	23	
1,913,262	134,088	414,204	1,183,101	166,732	6,792	8,345	12,116,127	11,824,573	105,719	117,885	18,977,662	6,891,535	24	
1,194,080	57,233	141,281	870,321	115,881	304	1,526,098	1,432,433	1,658	11,581	80,426	3,430,334	1,904,236	25	
4,405,872	247,189	684,794	3,201,149	253,692	18,548	5,627,244	4,871,951	485,160	266,611	3,522	15,279,326	9,652,082	26	
9,288,992	330,530	1,276,522	6,972,699	368,401	294,244	46,596	20,350,383	19,248,272	629,884	422,571	39,758,514	19,408,131	27	
904,051	81,500	110,703	634,129	57,049	15,128	5,542	4,531,843	4,437,594	47,427	39,844	6,978	2,352,594	2,320,551	28
596,829	65,773	93,721	383,410	53,925	10,028	21,475	1,006,987	980,358	6,004	12,866	2,333,758	1,326,771	29	
2,330,139	157,778	446,046	1,220,167	475,645	3,333	2,169,293	1,925,946	19,907	25,696	197,744	5,991,038	3,821,745	30	
1,656,937	138,195	208,326	1,168,666	138,317	3,333	3,205,249	3,123,410	11,098	60,836	19,905	6,489,176	3,283,927	31	
51,819,064	1,272,395	13,388,077	35,250,902	1,560,270	276,384	61,936	103,464,014	100,802,741	317,457	957,687	1,386,129	190,839,538	87,375,524	32
														33
														34
														35
														36
														37

SAN FRANCISCO-OAKLAND INDUSTRIAL AREA

166,273,326	8,313,547	24,591,766	110,964,281	18,964,347	2,874,607	564,778	600,156,725	581,212,206	7,295,332	6,114,642	5,534,545	960,636,411	360,479,086	38
19,812	9,480	900	9,432	(⁴)	(⁴)	(⁴)	23,583	20,763	(⁴)	320	2,500	37,528	13,945	39
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	40
111,203	17,400	22,457	56,521	7,594	7,231	(⁴)	146,359	140,143	2,487	3,729	(⁴)	335,439	189,080	41
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	42
415,732	(⁴)	57,010	227,972	94,841	25,889	10,020	573,874	512,677	32,792	28,405	(⁴)	1,452,128	878,254	43
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	44
360,327	31,500	40,656	270,560	17,621	(⁴)	(⁴)	1,063,522	1,023,436	0,338	33,748	(⁴)	1,655,104	601,582	45
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	46
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	47
33,428	(⁴)	1,708	25,240	6,480	(⁴)	(⁴)	67,434	66,789	23	622	(⁴)	141,361	73,927	48
1,162,066	54,701	90,480	834,287	167,855	14,743	(⁴)	1,830,541	1,796,308	27,037	16,196	(⁴)	4,831,723	2,992,182	49
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	50
4,272	(⁴)	4,272	4,272	(⁴)	(⁴)	(⁴)	19,301	18,307	10	434	550	62,594	43,293	51
84,349	31,800	9,758	39,600	3,191	(⁴)	(⁴)	105,042	99,644	2,150	3,248	(⁴)	223,130	118,088	52
1,486,024	50,347	289,549	673,318	443,883	(⁴)	29,427	1,108,782	1,070,614	2,033	15,360	20,775	3,220,725	2,111,943	53
255,476	11,610	35,090	164,368	44,408	(⁴)	(⁴)	244,502	168,217	1,169	5,665	69,451	723,585	479,083	54
205,693	21,248	31,603	152,842	(⁴)	(⁴)	(⁴)	97,072	92,636	1,863	2,161	412	413,349	316,277	55
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	56
39,562	9,592	5,070	22,422	2,478	(⁴)	(⁴)	135,506	184,264	(⁴)	1,242	(⁴)	188,003	52,497	57
6,656,610	184,402	414,694	5,226,768	718,229	59,001	52,516	10,122,455	9,785,069	178,435	158,831	120	23,207,533	13,085,078	58
191,517	8,300	10,760	130,159	41,000	(⁴)	1,298	97,157	39,125	35,890	22,142	(⁴)	410,684	313,527	59
10,513	(⁴)	(⁴)	10,513	(⁴)	(⁴)	(⁴)	41,678	41,096	60	522	(⁴)	72,335	30,657	60
(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	61
1,745,149	153,260	178,498	1,108,792	286,636	(⁴)	17,963	4,562,090	4,458,118	31,607	41,484	881	7,978,926	3,446,836	62
6,093,185	153,195	416,715	5,204,173	271,073	39,810	8,219	26,289,554	26,084,899	131,590	72,515	550	40,408,393	14,118,839	63

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

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			
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued										
1	1	3	1	328	4	15	285	19	5	
2	4	6	1	267	10	13	78	106		
3	6	11	4	149	10	21	80	29		
4	1	7	5	60	5	7	34	14		
5	9	23	1	1,656	8	270	1,107	78	169	24
6	1	3	1	192	8	17	140	22		5
7	2	9	12	332	4	9	307	12		
8	9	17	11	76	7	10	37	21		1
9	4	3	1	188	2	7	156	21		
10	3	3	3	48	4	2	39	3		
11	4	35	48	537	7	33	468	34		5
12	9	4	1	118	5	22	84	7		
13	16	9	7	54	2	11	38	3		
14	9	10	1	217	2	21	105	88	1	
15	13	27	22	216	6	17	170	23		
16	7	5	2	108	5	10	68	25		
17	6	4	1	127	2	9	111	5		
18	4	3	1	116	2	11	86	17		
19	1	8	6	76	3	17	49	7		
20	1	5	5	10		3	7			
21	4	10	7	191	1	11	162	15		2
22	14	5	7	8						
23	7	5	2	111	8	7	85	9	2	
24	14	13	5	442	13	47	386	46		
25	9	21	7	433	27	96	202	97	11	
26	18	16	17	107	3	11	90	2		1
27	8	7	2	196	5	36	137	19		
28	17	9	4	208	5	40	127	36		
29	14	4	5	396		34	350	12		
30	14	6	7	64		8	56			
31	8	13	12	72	6	13	48	5		
32	7	4	2	277	6	26	205	35	5	
33	9	5	5	718	4	95	586	4	29	
34	14	40	29	1,042	23	117	812	90		
35	20	3	2	8		1	6	1		
36	9	6	1	99	8	11	39	41		
37	3	4	2	76	1	6	50	19		
38	9	25	2	291	35	43	205	8		
39	1	14	10	135	8	9	105	13		
40	1	3	3	140		21	40	79		
41	1	53	62	502	27	46	329	100		
42	17	18	15	125	7	12	86	20		
43	14	7	9	158	4	12	128	14		
44	4	32	43	242	3	25	203	11		
45	20	4	5	50	8	7	30	10		
46	8	249	283	2,343	88	308	1,677	270		
47	16	17	9	877	15	192	611	68		1
48	14	21	10	1,219	18	67	1,080	50	4	
49	9	6	5	182	8	14	157	2	1	
50	20	12	14	67	3	3	51	10		
51	4	3	4	42			42			
52	4	5	6	49	3	2	36	8		
53	6	43	65	577	3	19	512	43		
54	1	44	36	450	7	40	216	163	11	13
55	1	19	8	283	9	18	80	170		
56	12	4	2	39	3	4	22	10		
57	17	8	4	65	6	9	47	3		
58	9	21	7	308	16	48	186	52	6	
59	17	6	1	521	11	105	361	25	19	
60	3	9	8	546	6	30	470	37		3
61	12	8	11	524	9	18	486	7	4	
62	15	18	21	116	10	9	82	13		2
63	1	10	4	81	2	18	56	3		2
64	8	32	28	1,750	32	216	1,312	177	13	
65	9	8	7	33	2	3	11	16		1

See footnotes at end of table.

See footnotes at end of table.

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										

SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
247,680	17,700	31,916	176,775	21,289			1,311,885	1,283,174	14,980	13,731		2,023,518	711,638
345,474	68,898	25,249	89,097	172,230			463,948	460,196	116	3,636		726,401	261,453
319,470	57,200	46,434	155,885	59,951			426,892	423,118	880	2,894		915,124	488,232
99,713	17,700	9,228	45,951	26,834			340,023	333,402	2,789	3,832		505,489	165,466
3,051,684	54,883	673,800	1,824,040	221,516	244,650	32,786	6,496,291	6,559,517	307,063	629,711		15,493,884	8,937,593
413,599	77,609	56,391	201,111	45,326		33,162	1,562,212	1,522,568	5,462	34,182		2,484,518	922,306
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
93,006	7,508	18,976	39,750	20,172		600	162,248	156,377	2,797	2,777	297	393,769	231,521
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
625,742	20,000	38,274	505,506	52,973		8,989	1,200,551	1,157,298	671	6,343	36,239	2,241,993	1,041,442
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
98,104	3,960	15,232	45,810	3,102			73,185	70,855	229	2,101		191,601	118,416
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
442,562	24,000	46,687	175,305	196,234	356		336,707	248,304	18,426	68,920	1,057	1,177,209	840,502
340,335	21,351	29,255	265,266	40,463			1,101,575	1,084,765	3,996	12,814		1,974,094	872,519
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
153,394	22,585	16,400	70,153	44,256			195,114	184,922	117	2,925	7,150	470,913	284,799
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
117,706	4,153	27,329	69,867	16,357			183,444	182,631	813	813		359,395	175,951
125,476	8,125	30,869	70,748	15,734			1,554,406	1,540,140	8,088	6,178		1,865,520	311,114
15,364		4,180	11,184				90,494	89,727	678	89		120,316	29,822
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
195,326	2,560	15,199	149,935	24,812		2,820	824,081	810,462	18	3,314	4,287	1,149,057	324,976
8,995	(5)	(5)	8,995	(5)	(5)		15,112	12,599	66	581	1,866	49,667	34,555
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
698,148	50,709	100,422	471,523	75,494			962,695	929,931	3,714	14,101	14,949	2,208,461	1,245,766
725,040	147,764	150,951	232,759	180,437	12,604	534	1,056,174	1,032,047	13,586	10,621	20	2,038,619	977,445
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
174,846	12,380	20,426	136,005	4,045		1,930	64,502	52,152	2,226	8,979	1,145	386,669	322,167
394,787	27,667	92,436	282,796	41,888			109,021	85,205	3,167	6,355	14,294	696,727	587,706
427,916	47,194	80,480	222,109	78,133			581,366	573,816	759	5,484	1,307	1,176,333	594,967
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
88,472		16,211	72,261				88,258	81,067	4,604	2,557	30	245,505	157,247
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
111,449	14,880	15,228	76,198	5,143			72,393	66,652	354	1,836	3,551	277,962	205,609
434,029	32,460	73,456	247,870	71,718	8,537		508,909	556,638	2,259	7,127	2,835	1,196,178	627,269
1,232,478	38,560	261,466	877,682	7,244	57,246		2,815,288	2,701,028	50,477	63,783		6,808,204	3,992,916
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
1,663,714	96,071	218,186	1,167,078	182,379			2,986,393	2,779,247	3,702	39,769	163,675	5,315,876	2,328,983
7,997		300	7,497	200			9,044	9,369	80	195		24,965	15,321
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
135,627	21,042	9,248	51,726	38,916		14,695	520,092	515,850	777	3,465		740,223	220,131
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
478,071	159,286	64,093	249,572	5,120			3,236,575	3,158,112	49,718	26,745	2,000	4,917,227	1,680,652
206,731	18,817	24,461	140,782	22,671			1,048,731	1,041,529	2,583	4,619		1,794,992	746,261
246,319		31,365	71,986	142,968			1,575,632	1,553,095	920	21,617		2,057,956	482,324
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
716,621	99,882	67,168	396,386	153,155	30		1,767,888	1,738,732	17,052	12,104		3,147,899	1,380,011
243,643	28,605	22,294	157,109	35,035			472,844	457,465	274	4,021	11,084	869,244	395,400
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
360,268	14,300	38,486	288,107	19,375			998,146	990,220	24	2,804	5,098	1,870,966	872,820
72,382	16,000	8,031	29,271	10,080			59,552	38,249	82	494	20,727	193,026	133,474
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
4,353,145	386,039	571,717	2,847,306	548,083			3,805,772	3,243,045	11,578	90,175	460,974	11,061,459	7,255,687
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
1,527,731	93,358	396,680	929,070	106,943		1,680	3,262,081	3,192,096	5,449	31,447	33,089	6,708,150	3,446,075
1,949,298	102,498	161,893	1,662,180	73,997	9,230		1,323,657	1,049,122	143,035	105,949	25,551	3,881,419	2,557,762
315,098	32,066	41,146	233,813	2,880	8,203		847,209	800,372	20,865	15,922	4,050	1,493,562	646,353
116,567	30,710	3,512	67,301	15,044			98,193	95,076	455	1,826	836	280,058	181,865
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
12,155			12,155				1,333	550	119	664		27,365	26,032
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
761,081	4,815	28,872	657,172	70,222			934,300	895,833	577	17,690	20,200	2,208,667	1,274,367
774,223	29,375	68,750	304,280	345,007	9,621	16,190	1,988,649	1,914,918	10,749	62,982		3,893,055	1,904,406
491,872	36,145	31,371	137,574	286,782			161,907	28,991	646	132,300		1,044,846	882,939
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
65,983	8,814	8,400	27,197	17,860		3,712	95,800	93,919	776	1,105		176,232	80,432
125,803	33,488	19,403	69,561	3,851			85,962	79,544	134	2,784	3,500	261,924	175,962
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
535,267	74,713	83,867	243,142	114,738	18,797		1,879,003	1,845,327	16,762	16,914		3,662,093	1,783,090
1,016,919	67,616	215,464	660,467	52,804	20,568		1,756,127	1,707,521	3,760	24,423	20,423	3,733,646	1,977,519
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
549,995	25,927	59,314	420,598	40,815		3,351	864,540	849,066	3,202	7,117	5,155	2,374,543	1,510,003
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
755,889	47,131	46,372	648,670	12,516	1,200		2,358,031	2,294,948	31,765	31,318		3,634,601	1,270,570
174,833	26,428	15,822	103,340	27,600		1,643	348,499	340,753	882	2,374	4,490	686,598	338,099
117,838	6,300	40,233	62,565	4,180		4,560	385,343	371,150	3,807	10,886		966,084	580,741
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)
8,887,664	271,385	421,820	2,431,531	726,707	36,221		3,953,259	3,560,326	7,364	64,827	320,742	9,695,357	5,742,098
42,830	1,320	6,910	14,439	20,057		104	212,346	210,058	1,345	943		317,209	104,863

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

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			
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued										
1	1	21	29	288	17	24	190	54	1	2
2	8	23	34	156	7	19	117	13		
3	17	60	64	1,172	22	260	851	33		6
4	17	21	26	121	3	14	90	4		1
5	17	17	22	77		4	72	1		
6	1	3		56	4	7	33	0		3
7	1	9	1	1,405	15	70	949	308	11	52
8	6	20	17	1,146	18	145	880	100		3
9	17	3		172	3	13	137	19		
10	1	20	10	1,747	19	204	1,007	461	17	39
11	17	8	4	224	6	37	167	11		3
12	4	6	5	54		6	39	9		
13	4	24	32	190		5	189	1		1
14	4	13	12	236	9	16	179	31		1
15	4	6	6	139	3	10	103	23		
16	4	19	17	448	7	30	364	45		2
17	13	3		38	4	6	26	2		
18	17	5	5	92	5	11	46	14	16	
19	6	6	5	27			22	5		
20	13	17	9	97	5	11	72	9		
21	20	9	5	58	2	11	31	14		
22	4	8	10	64		4	57	3		
23	20	21	26	62		3	58	1		
24	13	13	13	141	10	8	95	28		1
25	18	30	36	3,223	10	275	2,615	207	25	
26	9	3	1	23	2	6	13	2		
27	8	73	57	4,497	58	1,715	1,749	971	4	
28	8	8	3	66	6	40	4	16		
29	1	24	13	467	18	45	141	256		7
30	15	21	29	196	12	18	156	9		1
31	15	9	9	76	2	3	64	6	1	
32	17	4		605	5	81	486	33		
33	14	4	4	165	5	20	96	44		
34	9	44	31	1,288	29	212	840	170	34	3
35	7	21	5	1,195	31	90	971	101	2	
36	6	39	46	584	10	41	472	46		15
37	9	14	12	92	7	11	60	14		
38	8	14	6	525	24	112	240	149		
39	8	74	31	446	45	261	19	121		
40	10	7	1	5,392		713	3,787	82	808	2
41	8	21	26	247	8	40	153	46		
42	20	4	1	23	2	6	15			
43	1	11	11	409	3	36	356	14		
44	5	79	62	1,714	36	132	1,383	137	15	11
45	1	19	45	286	6	27	217	36		
46	14	12	12	474	11	43	401	18		1
47	1	15	4	406	14	34	304	29	20	5
48	9	8	1	218	5	47	153	13		
49	17	7	6	39	3	7	22	7		
50	20	4	1	55	2	8	28	17		
51	17	18	13	302	20	48	192	41		1
52	16	6	1	136	7	13	87	28	1	
53	17	8	6	111	7	13	65	26		2
54	10	4	1	418		54	340	14	8	
55	13	3	2	21	1	1	18	1		
56	11	13	10	485	8	51	349	47	29	1
57	9	8	3	322		26	272	24		
58	1	49	70	488	13	35	260	170		10
59	14	6	6	50	3	7	40			
60	15	3	3	33	3	3	24	3		
61	15	60	68	787	30	104	593	50	1	
62	19	27	20	3,375	16	246	3,010	94	2	7
63	20	28	35	413	4	26	264	117	2	
64	20	5	6	25	3	3	17	2		
65	20	7	8	49	3	5	38	3		

See footnotes at end of table.

See footnotes at end of table.

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										
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
421,849	63,275	36,964	215,076	103,200	244	3,000	853,585	814,716	9,415	29,454	10,709	1,529,989	676,404
286,076	25,551	30,873	15,909	64,344	15,909		64,344	45,499	862	7,274	10,709	573,501	508,157
2,053,057	87,959	445,522	1,446,331	66,559	6,086		3,321,584	3,214,810	12,316	47,029	47,429	6,539,231	3,217,647
201,327	8,400	21,271	160,066	10,700	800		285,450	269,056	1,025	5,214	9,255	704,513	419,063
115,824		6,249	109,215	860			77,168	71,205	328	4,524	1,111	316,181	239,013
188,580	50,767	27,557	79,224	19,552	11,480		960,817	919,617	19,115	22,085		1,426,336	465,619
3,028,301	156,694	173,172	1,972,512	670,726	21,126	34,071	4,509,428	4,357,131	70,594	81,703		13,938,040	9,428,621
1,769,390	84,133	283,485	1,183,608	216,364	1,800		2,668,373	2,635,998	5,589	26,789		5,463,745	2,785,372
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
3,365,311	133,530	506,460	1,668,790	979,034	26,406	51,091	34,303,181	33,997,846	49,735	95,161	160,439	39,179,095	4,876,314
389,747	38,234	64,472	260,003	23,769	3,269		406,935	393,831	2,826	10,278		1,019,291	612,556
47,279		6,225	35,128	5,926			65,568	65,568	106	506		127,050	60,482
212,471		10,846	200,421	970	234		17,310	12,480	229	2,732	1,869	321,989	304,679
338,729	38,350	33,577	210,420	55,432	950		465,380	397,651	453	6,195	61,081	930,561	465,181
123,455	20,100	12,356	71,789	19,210			196,544	195,199	43	1,302		349,172	152,623
551,377	22,569	40,782	387,628	98,778	1,620		571,593	564,945	1,909	4,739		1,404,898	833,305
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
41,637	(⁵)	(⁵)	33,045	8,592			44,714	44,252	48	414		130,029	85,315
144,236	11,766	14,538	108,746	9,180			230,188	220,806	2,079	4,124	2,579	476,104	245,916
80,434	8,816	13,510	39,954	24,154			94,359	89,600	173	1,396	3,190	276,743	182,384
58,557		6,686	48,034	3,837			93,234	90,620	1,293	1,321		202,578	109,344
111,742		3,870	107,592	280			44,563	40,720	88	3,285	460	284,870	240,317
235,911	21,639	15,855	149,660	48,787			165,935	153,586	692	10,657	1,000	584,254	418,319
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
31,095	5,068	14,230	9,493	1,404			24,042	23,610	128	304		58,337	34,205
9,156,043	350,375	3,476,501	3,439,483	1,879,544	10,140		4,558,362	4,221,635	16,581	116,145	204,001	10,600,313	15,041,951
76,361	8,980	34,856	8,118	24,407			71,789	7,094	69	675	63,051	153,123	81,334
891,192	56,670	82,883	222,955	502,403	26,281		1,580,084	1,559,198	6,444	14,442		3,918,210	2,338,135
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
110,405	5,700	3,030	91,836	7,811	2,528		117,416	113,155	1,407	2,854		280,186	162,770
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,496,081	128,130	480,547	1,460,181	348,278	74,046	4,899	13,160,909	13,029,610	42,241	89,068		21,214,450	8,053,541
1,981,523	201,762	187,564	1,335,613	253,273	3,321		4,770,928	4,701,829	14,465	30,860	23,784	8,717,143	3,946,215
880,952	85,452	79,130	617,862	93,608	4,900		975,804	911,298	641	15,424	48,441	2,343,832	1,368,028
111,767	23,701	15,370	60,476	12,220			322,302	320,812	225	1,765		681,023	358,721
997,301	166,642	192,908	438,609	199,142			507,202	436,991	3,169	16,331	50,711	2,168,420	1,661,218
814,186	173,916	141,519	19,634	179,117			1,057,393	242,068	1,370	813,588		3,025,666	1,968,273
10,365,664	1,843,405	6,849,211	164,980	1,506,068	2,000		79,751,540	76,629,275	2,622,379	470,120	29,766	112,043,874	32,292,325
657,909	69,850	76,938	392,483	118,638			142,370	109,913	980	9,638	21,839	1,185,593	1,043,223
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
2,826,241	157,104	273,796	2,105,198	266,953	6,682	16,508	4,662,795	4,533,379	26,274	98,417	4,725	9,021,716	4,358,021
389,143	50,700	51,773	219,881	66,789			3,051,740	3,039,213	1,886	10,641		3,753,970	702,230
755,205	43,188	93,238	579,479	38,118	1,182		1,298,104	1,254,641	3,672	30,841	8,950	2,684,239	1,386,135
654,151	76,104	63,823	426,155	64,774	28,535	4,760	5,829,857	5,759,733	14,111	56,013		7,701,243	1,871,380
431,891	22,907	133,160	250,520	25,289			1,724,079	1,688,769	16,921	18,389		2,570,905	846,826
86,582	10,277	21,821	12,547	12,547			153,521	151,732	415	1,374		295,848	142,327
99,005	12,000	11,824	41,184	33,997			105,060	103,777	805	1,578		270,125	170,465
523,464	107,480	75,770	269,845	69,369	1,000		1,034,522	998,940	935	8,597	26,050	2,086,029	1,051,507
244,565	31,782	29,405	138,330	42,708	2,340		177,798	170,480	1,318	5,805	185	464,002	270,804
235,325	57,680	17,020	103,841	56,784			268,314	255,356	120	2,838	10,000	706,077	437,763
654,723	107,167	502,403	28,279	14,824	2,020		2,620,198	2,564,557	41,768	13,873		4,982,252	2,302,054
18,638	2,760	580	13,894	1,404			9,183	1,609	5,678	1,896		53,951	44,708
819,370	65,000	116,436	463,743	120,910	50,881	2,400	1,874,221	1,754,194	20,482	90,545		3,854,066	1,970,845
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
819,383	55,014	68,845	394,513	287,320	13,691		4,364,248	4,313,553	19,792	30,903		5,826,695	1,462,447
67,149	7,800	7,484	51,865				69,913	65,571	121	4,221		210,018	140,105
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1,426,906	136,955	200,560	935,114	151,787	2,580		2,394,750	2,333,612	8,615	22,218	30,305	4,608,879	2,214,129
5,716,021	191,100	618,737	4,664,064	234,731	1,821	5,568	3,440,887	3,173,331	35,040	156,391	76,125	12,540,703	9,099,816
799,950	5,985	50,277	461,769	279,337	2,582		463,641	472,647	2,240	14,182	4,563	1,890,000	1,405,359
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
53,064	6,592	5,214	36,426	4,832			61,184	57,204	12	1,076	2,892	140,959	88,775

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

Group No.	INDUSTRY	*Number of estab-lish-ments	*Pro- pri- etors and firm mem- bers	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corpora- tions ²	Manufacturing		Distri- bution	Con- struction	Other
						Salaried employ- ees ²	Wage earners (average for year) ³			
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued										
14	Spring, steel (except wire)—made in plants not operated in connection with rolling mills.....	4	—	85	7	8	51	19	—	—
14	Stamped and pressed metal products (except automobile stampings).....	12	8	339	17	44	241	37	—	—
13	Statuary and art goods (except stone and concrete)—factory production ⁴	8	16	17	—	—	16	1	—	—
14	Steam fittings, regardless of material.....	4	1	42	7	5	25	5	—	—
14	Steel castings.....	4	—	363	3	36	320	4	—	—
14	Steel works and rolling mills.....	5	—	3,832	4	370	3,458	—	—	—
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	15	9	905	17	79	762	47	—	—
12	Suitcases, brief cases, bags, trunks, and other luggage.....	9	8	132	2	10	110	10	—	—
20	Surgical supplies and equipment not elsewhere classified; orthopedic ap- pliances.....	10	5	99	7	8	62	22	—	—
4	Textile bags—not made in textile mills.....	5	1	636	9	41	538	44	4	—
14	Tin cans and other tinware not elsewhere classified.....	8	1	1,725	—	273	1,314	86	51	1
14	Tools (except edge tools, machine tools, files, and saws).....	7	4	45	5	6	29	5	—	—
6	Upholstered household furniture ⁵	29	36	595	4	43	520	25	—	3
9	Vegetable and animal oils, not elsewhere classified.....	5	—	147	2	11	124	6	4	—
6	Venetian blinds.....	10	5	261	10	25	183	42	1	—
1	Vinegar and cider.....	3	1	16	2	—	11	3	—	—
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	6	5	15	—	1	12	2	—	—
6	Window shades.....	8	11	11	—	2	9	—	—	—
1	Wines.....	9	11	33	—	4	25	4	—	—
14	Wirework not elsewhere classified ⁶	14	12	808	7	85	644	72	—	—
16	Wiring devices and supplies.....	3	2	89	4	16	60	9	—	—
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	8	10	68	—	6	57	5	—	—
4	Women's and misses' dresses (except house dresses)—made in contract factories.....	15	20	169	—	—	169	—	—	—
4	Women's and misses' dresses (except house dresses)—made in inside fac- tories or by jobbers engaging contractors.....	24	27	465	8	41	336	77	—	8
6	Wooden boxes except cigar boxes.....	12	11	247	6	18	211	11	—	1
6	Wood products not elsewhere classified.....	11	13	128	8	10	89	16	—	5
17	Woodworking machinery.....	3	2	22	1	5	16	—	—	—
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified ⁷	26	33	1,514	10	60	1,347	94	—	3
14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	3	1	194	3	1	182	8	—	—
	Other Industries ⁸	534	432	23,442	292	2,504	18,786	1,536	267	57
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁹										
1	Food and kindred products.....	54	31	4,127	19	430	3,351	206	93	28
2	Tobacco manufactures.....	13	13	657	7	56	561	33	—	—
3	Textile-mill products and other fiber manufactures.....	23	9	1,426	26	67	1,274	57	2	—
4	Apparel and other finished products made from fabrics and similar mate- rials.....	65	87	1,188	25	71	994	94	2	2
6	Furniture and finished lumber products.....	17	16	335	8	33	274	19	—	1
7	Paper and allied products.....	12	2	1,062	11	112	907	27	5	—
8	Printing, publishing, and allied industries.....	10	5	214	4	72	34	104	—	—
9	Chemicals and allied products.....	40	14	1,445	20	159	1,064	168	43	1
12	Leather and leather products.....	21	14	466	9	29	410	12	—	—
13	Stone, clay, and glass products.....	34	12	2,432	16	269	2,088	39	13	7
14	Iron and steel and their products, except machinery.....	47	43	2,089	39	197	1,645	208	—	—
15	Nonferrous metals and their products.....	75	88	1,485	23	234	1,115	34	66	13
16	Electrical machinery.....	11	3	328	8	55	245	10	—	4
17	Machinery (except electrical).....	38	21	1,665	40	283	1,182	142	18	—
20	Miscellaneous industries.....	38	35	416	20	54	278	64	—	—
18	Automobiles and automobile equipment.....	30	36	3,223	10	275	2,615	207	25	1
5	Lumber and timber basic products.....	2	—	—	—	—	—	—	—	—
10	Products of petroleum and coal.....	2	—	—	—	—	—	—	—	—
11	Rubber products.....	1	3	884	7	108	753	16	—	—
19	Transportation equipment except automobiles.....	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.

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

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 manu- facture ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distri- bution	Con- struc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work		
		Salaries ²	Wages										

SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued													
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
115,108	25,684	11,373	68,064	9,987			141,693	131,533	5,519	4,641		309,742	168,049
570,430	73,124	82,174	328,744	86,388			1,230,840	1,202,727	4,842	12,671	100	2,519,521	1,299,181
18,715	(³)	(³)	18,530	185	(³)	(³)	19,267	18,468	(³)	732	(³)	65,475	40,208
596,328	12,153	93,090	478,546	12,539	(³)	(³)	494,194	492,959	8,194	83,041	(³)	1,674,544	1,080,350
7,146,521	69,540	964,924	6,112,057				8,545,461	7,322,046	586,886	572,047	63,882	21,318,750	12,773,289
1,506,944	155,331	114,046	1,123,547	114,020			2,332,655	2,205,580	25,535	33,066	68,474	5,233,589	2,900,934
152,347	3,369	22,044	113,391	13,543			321,061	318,900	142	2,019		591,114	270,053
146,535	23,050	15,204	77,200	31,021			126,064	123,150	153	2,720	71	335,609	209,515
903,062	94,175	92,065	585,512	124,976	6,334		5,689,273	5,674,562	1,778	12,933		7,217,634	1,528,361
2,822,379		584,292	1,934,634	189,618	98,042	15,793	15,809,954	15,206,128	26,196	77,630		22,637,907	7,327,953
57,525	5,842	8,188	38,200	5,295			55,732	51,056	2,272	1,930	474	103,511	107,770
870,497	29,284	60,266	982,229	94,835		3,893	1,127,084	1,113,179	459	13,440		2,410,370	1,283,286
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
348,476	15,822	48,367	217,816	64,971	1,500		572,146	565,775	695	5,676		1,107,813	535,667
(³)	(³)		(³)	(³)			(³)	(³)	(³)	(³)	(³)	(³)	(³)
33,387		1,200	26,187	6,000			88,288	87,279	12	997		162,158	73,870
14,342		311	14,031				81,750	80,306		460	984	132,730	50,980
32,948		4,060	24,631	4,257			128,682	122,779	2,360	3,543		227,900	99,218
1,225,263	26,202	187,929	893,908	117,224			2,048,610	2,020,462	4,788	23,360		4,494,565	2,445,955
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)	(³)	(³)	(³)
59,424		8,861	44,050	6,514			154,986	115,625	122	453	38,786	297,737	142,751
74,273			74,273				7,371	3,426	590	3,355		128,547	121,176
544,607	26,337	58,449	346,196	111,420	2,205		1,371,135	1,126,359	366	4,924	239,486	2,230,312	859,177
282,453	21,750	33,431	210,027	16,603	642		443,504	423,815	47	16,748	3,454	943,702	500,138
122,396	13,500	10,305	80,137	10,933	100	7,331	194,417	190,470	177	3,669	101	392,680	198,205
39,079	4,000	8,200	26,879				33,252	32,350	66	836		120,041	80,789
1,422,948	45,433	101,616	1,105,633	165,874		4,392	2,555,271	2,487,386	3,235	18,152	46,498	5,104,696	2,549,425
(³)	(³)	(³)	(³)	(³)			(³)	(³)	(³)	(³)	(³)	(³)	(³)
36,866,726	1,346,722	5,284,388	26,488,306	3,219,636	442,379	85,295	261,122,275	255,305,006	2,280,731	1,457,040	2,079,489	357,348,608	96,226,333
6,096,856	60,082	979,118	4,504,523	386,132	126,375	40,626	72,829,771	70,495,197	625,232	119,623	1,589,719	92,734,753	19,904,982
789,679	20,800	140,710	568,021	60,148			14,623,711	14,608,023	3,870	11,818		18,427,620	3,803,000
1,992,342	152,510	148,602	1,543,628	145,602	2,000		4,497,670	4,350,358	57,774	89,547		12,376,910	7,878,231
1,195,760	94,334	102,842	845,495	149,108	2,557	1,424	1,963,259	1,907,703	3,128	18,824	33,604	3,613,618	1,650,359
513,161	48,245	65,420	371,520	26,976		1,000	2,288,706	2,246,121	31,891	10,544	150	3,228,183	939,477
1,664,257	27,643	226,005	1,320,189	79,850	10,570		3,918,007	3,686,284	167,933	61,790	2,000	7,256,471	3,338,464
437,580	32,295	132,009	73,297	199,979			442,651	42,898	143	6,243	343,367	1,465,302	1,022,651
2,746,102	86,488	321,113	1,630,141	600,987	93,468	4,905	12,994,324	12,602,106	197,534	194,684		20,695,854	7,701,830
509,219	20,707	39,890	435,444	13,178			744,141	735,034	1,261	7,346	600	1,463,632	718,891
3,887,407	65,672	589,091	3,131,384	68,815	20,713	11,732	5,000,509	3,858,480	674,616	476,413		14,836,050	9,827,141
3,566,664	215,402	413,031	2,470,220	399,011			7,637,309	7,370,650	118,292	126,583	21,784	15,397,442	7,769,133
2,574,208	79,112	504,769	1,778,388	76,350	116,697	18,992	76,653,802	76,249,101	288,505	87,455	28,741	80,985,608	4,331,806
546,694	50,988	111,637	333,691	44,662		5,716	1,799,286	1,767,709	12,480	19,077		4,068,622	2,269,356
3,031,430	189,600	593,729	2,032,939	270,495	4,577		2,914,785	2,811,392	8,619	46,538	48,236	11,314,899	8,400,114
665,771	98,421	108,085	358,762	100,503			1,649,016	1,625,098	5,023	12,831	6,064	2,051,266	1,302,249
6,709,596	104,333	868,337	5,081,664	588,840	65,522	900	51,156,339	50,898,852	84,430	167,733	5,324	66,533,379	15,377,040

¹ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

² For numbers of establishments and of wage earners in individual industries, see table 12.

³, ⁴, and ⁵ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas 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 areas.

¹ 1 establishment.

² 2 establishments.

³ 3 establishments.

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	*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
LONG BEACH												
	All industries, total	199	169	80	447	2,873	\$352,996	\$815,421	\$3,840,785	\$32,351,179	\$49,000,366	\$17,255,187
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	21	22	1	9	154	1,554	16,210	238,867	472,804	1,013,101	540,207
1	Candy and other confectionery products	3	3			14	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products	3	1		2	10	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Food preparations, not elsewhere classified	5	3	1	3	20	4,800	3,871	16,864	182,435	236,679	54,244
8	General commercial (job) printing	18	15	10	8	55	15,174	7,969	69,274	108,087	303,847	195,760
6	Household furniture, except upholstered	4	6		2	28		3,848	37,470	77,291	169,173	91,882
1	Ice cream and ices	6	3	3	8	34	6,500	15,073	40,689	403,878	876,032	472,164
1	Ice, manufactured	3	1		4	11		7,144	16,560	30,152	106,408	76,256
17	Machine-shop products, not elsewhere classified	9	10	4	5	28	16,426	9,657	42,278	164,625	442,607	277,982
17	Machine-shop repairs	5	5		3	27		5,457	56,985	23,964	156,750	132,788
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	2	1		39	2,600		54,314	102,885	195,203	92,318
8	Newspapers: publishing and printing	5	4	3	89	111	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Oil-field machinery and tools	4	4	3	2	48	33,600	4,583	60,079	133,444	407,468	274,024
8	Periodicals: publishing without printing	4		3	10		14,335	18,426		79,913	166,462	86,549
10	Petroleum refining	8	3	10	26	90	78,095	61,631	154,824	5,573,502	6,790,298	1,216,796
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	3	2	6	58	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
5	Planing mills not operated in conjunction with sawmills	6	5	2	4	56	7,413	5,463	63,056	150,545	258,431	107,886
1	Poultry dressing and packing, wholesale	3	4		1	10		240	11,028	90,315	118,838	28,523
15	Sheet-metal work not specifically classified	4	4		4	14		4,832	19,865	20,897	66,771	45,874
19	Shipbuilding and ship repairing	3		6	8	87	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Signs, advertising displays, and advertising novelties	3	3		2	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Sporting and athletic goods not elsewhere classified	3	3	2	2	14	1,000	1,396	8,600	10,810	25,587	14,777
	Other industries	93	79	40	356	2,246	171,499	649,621	2,950,022	24,725,032	38,272,711	13,547,079
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products	18	16	6	89	599	15,382	196,614	578,402	6,271,332	8,936,145	2,664,813
8	Printing, publishing, and allied industries	13	11	6	102	135	49,295	65,786	197,702	420,431	1,799,996	1,379,505
9	Chemicals and allied products	11	8	3	92	280	6,435	207,060	489,195	5,203,493	7,720,972	2,517,479
13	Stone, clay, and glass products	6	1	5	9	44	13,996	19,818	74,748	486,958	785,255	298,297
14	Iron and steel and their products, except machinery	7	4	7	5	121	23,433	7,107	143,957	242,822	742,762	499,940
15	Nonferrous metals and their products	4	8		8	8			10,085	25,267	64,194	38,927
17	Machinery (except electrical)	6	6	3	6	49	6,238	12,652	67,446	173,475	394,265	220,790
20	Miscellaneous industries	7	7	3	9	40	30,692	18,361	65,927	81,504	220,952	139,388
4	Apparel and other finished products made from fabrics and similar materials	7	7	1	5	148						
6	Furniture and finished lumber products	6	8		6	80						
19	Transportation equipment except automobiles	3		6	8	87	26,058	122,823	1,321,960	11,820,200	17,608,170	5,787,880
3	Textile-mill products and other fiber manufactures	1										
12	Leather and leather products	1										
16	Electrical machinery	2	3		25	655						
18	Automobiles and automobile equipment	1										
LOS ANGELES												
	All industries, total	3,957	3,460	1,760	8,847	71,366	\$8,823,167	\$17,323,127	\$86,267,447	\$304,602,675	\$567,554,024	\$262,951,349
19	Aircraft and parts, including aircraft engines	8	3	5	24	308	27,701	52,912	460,975	169,196	947,180	777,993
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	8	11	1	53	357	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
18	Automobile trailers (for attachment to passenger cars)	10	10	4	5	104	8,200	8,323	102,306	321,683	562,215	240,532
16	Batteries, storage and primary (dry and wet)	14	11	5	31	236	42,482	51,477	287,100	1,084,641	2,449,135	764,494
3	Batting, padding, and wadding; upholstery filling	7	2	2	30	201	6,060	56,633	200,780	850,941	1,303,722	452,781

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
LOS ANGELES—Continued												
1	Biscuit, crackers, and pretzels.....	13	7	4	39	618	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Blended and prepared flour made from purchased flour.....	5	6		2	12	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Bookbinding and related industries.....	28	28	11	77	315	\$37,768	\$128,440	\$428,388	\$504,082	\$1,863,660	\$1,359,598
8	Books: printing without publishing.....	18	23	6	24	130	21,224	33,955	152,618	261,209	715,051	453,782
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	194	190	35	272	4,705	238,409	475,661	6,895,768	13,210,320	29,644,895	16,434,075
20	Brooms.....	6	6	1	2	59		3,200	2,040	63,170	108,465	109,188
20	Buttons.....	5	6		1	28		1,300	23,591	17,641	72,258	54,617
1	Candy and other confectionery products.....	33	24	12	85	1,159	41,179	166,811	907,750	4,439,188	7,604,190	3,165,002
1	Canned and dried fruits and vegetables (including canned soups).....	15	7	11	18	321	43,143	29,997	266,448	1,203,407	2,167,056	953,649
4	Canvas products (except bags).....	9	5	5	7	50	15,940	10,505	56,464	229,633	425,138	195,505
6	Caskets, coffins, burial cases, and other morticians' goods.....	15	10	9	10	174	29,202	17,974	228,805	635,328	1,312,430	677,102
1	Cereal preparations.....	7	5	4	3	24	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Chemicals not elsewhere classified.....	5	1	1	8	250	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Children's dresses—made in inside factories or by jobbers engaging contractors.....	5	3	6	5	173	28,500	6,335	121,076	239,047	476,456	237,400
9	Cleaning and polishing preparations, blackings, and dressings.....	21	15	12	25	71	37,355	37,345	64,365	574,461	1,079,264	504,803
4	Coats, suits, and skirts (except fur coats)—made in contract factories.....	9	15		1	105		2,311	84,812	88,082	270,470	182,387
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	106	128	23	91	2,060	123,074	147,337	2,417,438	5,005,608	9,742,814	4,737,206
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	2		15	94		39,498	137,734	312,285	1,211,588	899,803
13	Concrete products.....	22	15	11	18	150	46,480	43,379	175,873	349,972	989,237	639,266
17	Construction and similar machinery (except mining and oil-field machinery and tools).....	5	5	1	13	53	8,649	20,402	63,928	154,906	341,733	186,827
7	Converted paper products not elsewhere classified.....	12	6	8	49	242	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Corsets and allied garments.....	16	16	6	7	324	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Creamery butter.....	7	6		2	37		7,976	53,905	1,035,845	1,280,034	254,189
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	14	14	6	21	342	35,260	33,787	270,621	924,269	1,609,412	685,143
7	Die-cut paper and paperboard, and converted cardboard.....	3		5	11	26	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Doors, window sash, frames, molding, and trim (made of metal).....	17	13	10	12	98	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Drugs and medicines (including drug grinding).....	34	20	16	56	198	63,369	94,410	219,307	828,991	2,084,016	1,255,025
3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	5	1	7	5	82	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
16	Electrical products not elsewhere classified.....	4	6		3	12		5,662	13,758	60,776	130,875	70,099
15	Electroplating, plating, and polishing.....	31	37	9	23	274	39,234	27,288	359,233	180,609	935,054	746,045
8	Electrotyping and stereotyping, not done in printing establishments.....	6	5	5	7	35	47,063	14,489	71,311	37,297	250,868	219,571
17	Elevators, escalators, and conveyors.....	4	3	4	13	68	26,715	24,152	114,044	261,201	582,725	321,524
4	Embroideries, other than Schiffli-machine products—contract factories.....	10	14		2	53		1,570	45,238	21,969	120,786	104,817
4	Embroideries: Schiffli-machine products.....	6	9		5	35		7,072	39,191	25,272	107,470	82,198
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	8	7	11	35	437	70,768	68,514	608,636	1,487,206	3,091,750	1,604,544
14	Enameling, japanning, and lacquering.....	3	2		1	10		2,583	11,521	17,097	46,047	28,950
8	Engraving (steel, copperplate, and wood); plate printing.....	14	19	2	8	66	6,820	7,753	69,273	83,631	265,263	181,632
7	Envelopes.....	7	8	8	18	127	18,517	30,953	155,539	342,316	767,470	425,154
14	Fabricated structural steel and ornamental metal-work, made in plants not operated in connection with rolling mills.....	24	24	14	46	310	35,173	92,037	402,187	1,631,557	2,778,524	1,146,987
20	Feathers, plumes, and artificial flowers.....	6	7		3	38		5,065	37,678	77,037	164,929	87,802
9	Fertilizers.....	5		3	13	44	11,725	27,645	48,666	1,297,208	1,590,953	293,745
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	4	1	7	5	72	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	24	17	15	74	212	237,595	136,151	232,489	2,799,401	8,858,294	6,058,893
1	Flour and other grain-mill products.....	7	1	10	55	243	140,825	117,908	401,916	5,888,627	7,894,478	2,005,851
1	Food preparations, not elsewhere classified.....	61	56	25	50	520	112,004	71,676	459,709	4,216,362	6,260,383	2,044,021
17	Food-products machinery.....	11	2	19	25	164	40,269	49,723	241,570	500,054	1,110,332	610,278
12	Footwear (except rubber).....	10	5	9	53	472	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Fur coats and other fur garments, accessories, and trimmings.....	51	59	9	11	186	37,484	17,521	275,419	733,201	1,336,040	602,839
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	4	3	3	1	24	14,135	899	35,659	51,852	137,011	85,159
8	General commercial (job) printing.....	300	301	92	263	1,881	869,964	407,698	2,647,958	4,245,611	11,391,015	7,145,404

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
LOS ANGELES—Continued												
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	22	16	18	172	700	\$176,692	\$310,703	\$1,058,970	\$1,925,120	\$4,950,387	\$3,025,287
13	Glass containers.....	3	—	5	100	846	28,666	235,464	827,364	1,339,597	4,423,477	3,083,880
14	Gray-iron and semisteel castings.....	10	7	1	35	320	2,400	70,113	380,185	450,541	1,332,481	881,940
20	Hand stamps, stencils, and brands ¹	13	11	9	8	84	21,972	6,188	116,870	108,238	432,794	324,536
14	Hardware not elsewhere classified.....	17	21	2	18	176	18,742	26,878	211,885	476,352	1,246,009	799,657
14	Heating and cooking apparatus, except electric, not elsewhere classified.....	6	9	—	—	28	—	—	36,278	97,400	177,215	79,815
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	12	9	4	37	719	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Household furniture, except upholstered.....	96	115	28	155	2,158	192,330	299,315	2,470,583	4,115,984	9,176,365	5,060,381
1	Ice cream and loess.....	39	19	17	52	380	77,457	106,960	477,298	3,852,380	8,087,365	4,234,985
1	Ice, manufactured.....	18	5	8	11	173	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
12	Industrial leather belting and packing leather.....	6	8	—	4	20	—	5,123	23,400	83,363	179,285	95,922
17	Industrial machinery, not elsewhere classified.....	10	4	7	42	117	51,732	95,898	177,064	369,726	1,032,189	682,463
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	25	19	14	16	61	34,346	27,268	55,625	433,767	928,069	494,302
15	Jewelry (precious metals).....	30	34	8	35	159	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
3	Knitted outerwear (except knit gloves)—contract factories.....	5	7	4	—	56	5,000	—	47,113	14,523	96,411	81,888
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	28	32	15	52	713	56,163	77,022	629,741	1,835,219	3,538,568	1,703,349
6	Laboratory, hospital, and other professional furniture.....	7	10	1	9	81	5,400	16,250	80,875	303,404	520,500	217,105
12	Leather gloves and mittens.....	5	7	3	4	88	5,046	4,696	63,556	121,999	237,894	115,895
15	Lighting fixtures.....	54	57	33	49	505	117,154	92,409	644,321	1,511,956	3,183,070	1,671,114
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	18	13	18	97	353	93,943	183,448	539,642	867,235	2,400,529	1,538,294
9	Lubricating oils and greases—not made in petroleum refineries.....	4	4	—	1	9	—	1,169	11,319	42,036	85,631	43,595
8	Machine and hand typesetting (including advertisement typesetting).....	28	41	6	26	145	25,595	42,190	217,750	61,692	640,501	578,809
17	Machine-shop products, not elsewhere classified.....	67	57	28	105	750	155,931	195,942	1,043,868	1,426,891	4,364,494	2,937,603
17	Machine-shop repairs.....	29	17	6	21	247	22,381	33,034	349,615	206,287	1,017,881	811,594
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	15	19	4	9	112	8,350	10,240	158,389	94,077	413,720	319,643
6	Mattresses and bedsprings.....	21	23	2	39	432	9,220	65,516	495,444	1,876,452	3,269,156	1,392,704
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	4	2	3	21	122	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Meat packing, wholesale.....	14	12	6	165	1,614	34,573	332,566	2,279,094	34,075,631	39,600,339	5,524,708
4	Men's and boys' hats and caps (except felt and straw).....	9	10	1	6	93	2,600	9,874	77,550	116,255	264,764	148,409
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	3	2	—	1	60	—	2,051	43,928	24,889	92,874	67,985
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	17	17	14	33	695	50,837	47,386	470,386	1,191,952	2,284,977	1,093,025
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	28	38	3	7	251	7,157	14,796	248,772	68,303	475,732	407,429
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	32	24	26	108	1,464	99,049	187,003	1,624,820	2,492,059	5,274,390	2,782,331
4	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	10	8	6	26	503	36,698	48,466	327,838	948,081	1,762,834	814,753
4	Millinery.....	61	69	11	40	834	63,172	64,077	830,101	1,277,897	3,200,046	1,922,149
6	Mirror frames and picture frames.....	10	10	2	9	81	3,708	11,459	89,343	117,585	341,842	224,267
13	Mirrors and other glass products made of purchased glass.....	21	17	10	15	179	38,847	24,217	349,473	557,821	1,261,659	703,838
20	Miscellaneous fabricated products not elsewhere classified.....	18	16	4	10	136	19,200	14,234	119,464	326,549	676,528	349,979
4	Miscellaneous fabricated textile products not elsewhere classified.....	12	9	3	8	122	11,600	8,744	138,498	237,591	541,634	304,043
20	Models and patterns (except paper patterns).....	20	19	4	1	92	11,900	1,633	116,072	61,617	326,083	264,466
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	10	7	6	7	52	17,664	11,439	65,368	116,605	286,146	169,541
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	30	22	28	166	1,023	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Mucilage, paste, and other adhesives, except glue and rubber cement.....	4	5	—	3	4	—	5,866	4,330	56,862	80,725	23,863
20	Needles, pins, hooks and eyes, and slide and snap fasteners.....	8	—	2	3	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing.....	34	14	23	1,556	1,869	355,843	4,146,462	3,398,095	7,067,794	25,843,705	18,775,911

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
LOS ANGELES—Continued												
8	Newspapers: publishing without printing	20	19	4	102	70	\$18,974	\$126,142	\$105,636	\$548,306	\$1,138,981	\$590,675
1	Nonalcoholic beverages	28	10	28	44	381	249,135	87,427	461,579	2,927,533	8,039,917	5,112,384
15	Nonferrous-metal foundries (except aluminum)	26	20	10	29	330	30,403	58,007	398,800	786,686	1,586,529	799,843
15	Nonferrous-metal products not elsewhere classified	17	20	2	9	114	24,000	13,909	142,924	231,113	597,193	360,080
6	Office furniture	11	13	3	12	97	11,200	19,023	101,094	279,571	563,114	283,543
17	Oil-field machinery and tools	9	6	4	35	199	12,122	73,073	302,971	557,663	1,674,548	1,116,885
20	Ophthalmic goods: lenses and fittings	3	2		3	16	3,532	7,737	13,416	35,771	35,771	22,355
9	Paints, varnishes, and lacquers	55	23	36	149	506	185,484	274,014	680,098	6,132,464	9,749,069	3,616,605
7	Paper bags, except those made in paper mills	6		2	19	133	12,000	27,927	136,207	997,712	1,494,023	496,311
7	Paperboard containers and boxes not elsewhere classified	24	12	21	45	534	111,778	103,242	540,427	1,514,074	3,079,731	1,565,657
6	Partitions, shelving, cabinet work, and office and store fixtures	37	36	18	82	803	64,090	158,181	1,184,541	1,812,637	3,960,558	2,153,921
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	3	2	1	31	8,100	2,700	39,182	279,604	418,483	138,879
9	Perfumes, cosmetics, and other toilet preparations	31	18	18	62	195	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Periodicals: publishing and printing	16	8	7	121	292	25,259	308,412	490,815	975,851	2,742,073	2,006,222
8	Periodicals: publishing without printing	82	53	32	238	15	123,293	382,252	20,524	932,921	2,861,582	1,628,661
10	Petroleum refining	7		5	7	454	20,890	15,731	779,784	18,018,802	20,334,555	2,315,753
8	Photoengraving, not done in printing establishments (including preparation of plates)	22	22	25	40	242	119,335	73,809	481,965	241,157	1,485,610	1,244,459
20	Photographic apparatus and materials and projection equipment (except lenses)	16	17	3	24	159	28,756	55,243	219,018	308,425	1,015,194	646,769
1	Pickled fruits and vegetables and vegetable sauces and seasonings	12	16	3	11	148	15,084	12,403	128,901	881,240	1,228,264	347,024
5	Planing mills not operated in conjunction with sawmills	57	30	32	61	1,220	166,711	123,307	1,801,475	6,485,995	10,565,600	4,079,605
13	Pottery products not elsewhere classified	8	5	1	30	441	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Poultry dressing and packing, wholesale	12	12	3	20	205	20,432	26,637	167,531	2,516,737	3,180,368	672,631
14	Power boilers and associated products	11	7	11	27	108	50,815	46,945	217,053	570,470	1,073,371	502,901
1	Prepared feeds (including mineral) for animals and fowls	18	4	4	21	281	14,867	36,378	409,204	5,420,118	7,698,878	2,278,760
1	Preserves, jams, jellies, and fruit butters	14	9	6	16	155	30,629	22,794	142,290	1,162,333	1,764,575	602,242
9	Printing ink	3	1	3	3	12	17,517	12,801	12,967	109,448	250,101	140,743
20	Professional and scientific instruments (except surgical and dental)	4	2		6	24		9,504	27,013	48,736	97,523	48,787
6	Public-building furniture	5	3	2	5	39	5,000	8,325	38,662	64,975	198,786	133,811
17	Pumping equipment and air compressors	16	8	14	56	171	48,290	99,851	238,990	956,354	1,773,108	816,754
16	Radios, radio tubes, and phonographs	26	13	21	88	532	91,313	140,637	606,103	2,957,027	5,080,111	2,122,484
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	18	10	18	71	472	135,799	130,679	573,885	1,819,906	3,441,481	1,621,485
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	5	3	5	9	99	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
11	Rubber products not elsewhere classified	31	27	30	94	688	151,510	158,948	748,633	1,928,945	4,078,005	2,749,660
12	Saddlery, harness, and whips	5	5	3	3	37	6,200	6,225	53,407	63,289	157,349	94,060
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	15	19	4	18	98	13,180	28,088	130,457	1,559,821	1,959,697	399,876
14	Screw-machine products and wood screws	9	7	8	14	288	54,405	19,915	404,505	527,482	1,282,499	755,017
15	Sheet-metal work not specifically classified	64	63	23	77	785	77,274	140,592	1,013,462	1,973,169	4,230,054	2,256,885
19	Shipbuilding and ship repairing	9			22	663	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Signs, advertising displays, and advertising novelties	51	45	17	68	502	67,834	127,415	806,547	868,805	2,762,018	1,903,213
9	Soap and glycerin	16	6	21	68	313	67,095	126,688	437,910	3,787,407	7,106,965	3,319,558
20	Soda fountains, beer dispensing equipment, and related products	3	2		8	34	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Sporting and athletic goods not elsewhere classified	13	14	3	8	51	9,131	12,327	48,081	124,291	305,520	181,229
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	2	2	7	53	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Stamped and pressed metal products (except automobile stampings)	19	19	10	66	422	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Statuary and art goods (except stone and concrete)—factory production	6	5	5	1	33	6,600	1,059	30,768	10,048	95,939	79,891
14	Steam fittings, regardless of material	6	2	6	13	74	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	26	21	20	65	891	80,388	105,514	847,923	2,478,350	5,167,283	2,688,933
12	Suitcases, brief cases, bags, trunks, and other luggage	14	17	7	17	131	20,113	25,121	122,283	259,365	537,126	277,761
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	11	4	7	47	10,849	8,369	64,676	49,812	209,451	159,639
14	Tools (except edge tools, machine tools, files, and saws)	12	13	6	24	181	25,487	57,593	253,808	324,573	1,190,311	865,738

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	*Pro-prietors and firm mem-bers	*Sala-ried officers of corporations	*Sala-ried em-ployees	*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
LOS ANGELES—Continued												
4	Trimblings (not made in textile mills), stamped art goods, and art needle-work—contract factories	6	5	1	2	95	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Trousers (semidress), wash suits, and washable service apparel	8	11		16	233		\$26,172	\$148,246	\$671,872	\$1,149,774	\$477,902
6	Upholstered household furniture	42	51	20	106	1,274	\$108,855	179,163	1,440,009	3,136,895	6,024,690	2,887,795
6	Venetian blinds	35	37	11	54	475	55,525	61,893	553,464	1,467,924	2,770,546	1,302,622
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	7	2	5	6	13	8,869	9,755	20,768	183,714	313,808	130,094
6	Window and door screens and weather strip	7	7	4		34	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Window shades	9	2	2	18	82	15,600	22,464	91,667	460,704	721,336	260,632
1	Wines	7	7	2	8	36	9,400	15,382	34,827	228,161	555,674	327,513
14	Wirework not elsewhere classified	34	39	13	54	539	57,603	94,285	558,189	1,584,869	3,188,359	1,603,490
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	11	11	4	25	519	10,600	40,920	402,811	964,794	1,882,036	927,242
4	Women's and misses' clothing, not elsewhere classified—made in contract factories	11	13		1	169		1,599	97,422	10,066	197,088	187,022
4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	61	68	15	85	1,550	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Women's and misses' dresses (except house dresses)—made in contract factories	12	13	1		184	1,843		133,750	243,395	474,785	231,300
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	57	66	13	110	2,038	80,340	205,774	1,818,165	3,358,277	7,359,008	4,000,731
6	Wooden boxes except cigar boxes	14	12	4	31	264	36,720	36,640	315,776	836,800	1,456,815	620,015
6	Wood products not elsewhere classified	19	28	3	18	119	6,800	22,513	108,034	260,248	612,509	352,261
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	16	15	5	20	825	39,983	64,807	739,576	1,468,899	3,047,308	1,578,409
16	X-ray and therapeutic apparatus and electronic tubes	12	12	10	19	50	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
	Other industries ¹	830	641	463	2,098	21,182	2,254,534	3,929,572	24,597,860	89,678,096	162,214,106	72,536,010
OTHER INDUSTRIES, BY INDUSTRY GROUPS ¹												
1	Food and kindred products	103	52	69	283	3,987	346,370	601,129	4,067,899	17,218,903	33,982,393	16,763,490
3	Textile-mill products and other fiber manufactures	33	8	41	55	1,112	195,752	132,406	1,205,432	2,434,913	4,946,038	2,511,125
4	Apparel and other finished products made from fabrics and similar materials	200	213	60	271	4,691	341,685	377,791	4,007,871	11,352,504	21,069,112	9,716,608
6	Furniture and finished lumber products	12	11	5	12	138	22,761	21,855	156,698	1,120,543	1,630,957	519,414
7	Paper and allied products	19	6	20	84	530	82,369	161,805	668,308	2,967,992	5,602,002	2,634,010
8	Printing, publishing, and allied industries	25	15	18	116	368	93,359	138,127	473,501	910,541	2,734,258	1,823,717
9	Chemicals and allied products	43	23	26	97	602	239,942	188,785	718,614	5,392,072	8,649,600	3,257,528
13	Stone, clay, and glass products	36	20	15	130	1,555	70,196	255,376	1,989,271	3,402,805	8,475,066	5,072,261
14	Iron and steel and their products, except machinery	69	52	46	192	1,491	185,770	346,709	1,941,483	6,253,153	11,285,238	5,032,085
15	Nonferrous metals and their products	51	50	20	126	880	77,503	223,751	1,300,234	3,851,623	7,601,710	3,750,087
16	Electrical machinery	35	30	18	63	350	69,841	110,563	363,780	850,452	2,307,886	1,448,434
17	Machinery (except electrical)	47	31	32	191	612	179,289	363,293	905,536	1,514,604	4,433,362	2,918,768
19	Transportation equipment except automobiles	12	3		26	1,143		64,701	1,846,704	1,790,176	4,718,370	2,928,194
20	Miscellaneous industries	80	70	46	92	757	105,863	135,029	837,962	1,830,051	4,229,142	2,390,091
2	Tobacco manufactures	7	8		4	394						
12	Leather and leather products	22	24	14	65	601	243,774	808,252	4,114,667	28,789,784	40,539,972	11,770,208
18	Automobiles and automobile equipment	30	22	28	166	1,023						
10	Products of petroleum and coal	5										
11	Rubber products	1	3	5	125	948						
OAKLAND												
	All industries, total	599	524	308	2,124	16,065	\$1,620,930	\$4,171,546	\$22,583,726	\$102,324,716	\$170,607,649	\$68,282,938
18	Batteries, storage and primary (dry and wet)	3	1	1	10	131	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	84	103	8	26	600	61,980	63,368	1,018,767	2,382,925	4,939,880	2,556,964
1	Candy and other confectionery products	9	6	7	35	247	45,399	42,686	231,620	1,105,713	2,081,292	885,579
1	Canned and dried fruits and vegetables (including canned soups)	11		16	104	2,016	102,695	166,828	2,166,955	13,781,402	19,624,765	5,843,363
6	Caskets, coffins, burial cases, and other morticians' goods	4	3	2	6	26	8,600	12,767	45,462	129,348	286,427	157,079

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
OAKLAND—Continued												
9	Cleaning and polishing preparations, blackings, and dressings.....	5	2	4	5	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	3	1	—	5	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products.....	7	4	1	5	29	\$2,700	\$9,043	\$44,835	\$81,847	\$247,456	\$155,609
15	Electroplating, plating, and polishing.....	4	4	2	1	20	7,700	950	31,326	11,210	85,727	74,517
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills.....	7	10	2	46	244	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	4	5	—	—	6	—	—	9,395	44,520	92,989	48,469
1	Food preparations, not elsewhere classified.....	15	16	11	16	130	36,830	25,635	195,104	657,715	1,264,671	606,956
17	Food-products machinery.....	3	4	—	1	7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	General commercial (job) printing.....	33	41	8	43	183	44,037	51,533	238,320	474,023	1,221,726	747,703
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	4	—	50	121	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Gray-iron and semisteel castings.....	9	4	12	38	625	78,805	87,808	904,671	806,502	2,182,606	1,376,104
6	Household furniture, except upholstered.....	15	23	—	3	236	—	—	4,795	296,090	385,892	925,611
1	Ice cream and ices.....	14	11	—	24	84	—	—	35,349	127,327	842,153	1,644,207
1	Ice, manufactured.....	4	1	1	3	25	1,750	6,336	20,190	48,928	419,482	370,554
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	3	2	3	7	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
12	Leather gloves and mittens.....	3	2	2	—	22	6,000	—	15,733	35,297	71,716	36,419
9	Lubricating oils and greases—not made in petroleum refineries.....	4	5	2	3	6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Machine and hand typesetting (including advertisement typesetting).....	3	4	2	1	3	6,000	1,200	6,409	3,200	37,709	34,509
17	Machine-shop products, not elsewhere classified.....	18	16	8	218	619	42,114	378,446	1,026,990	2,615,592	4,920,904	2,305,312
17	Machine-shop repairs.....	3	6	—	5	41	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	5	8	—	—	16	—	—	18,745	17,270	59,780	42,510
13	Mirrors and other glass products made of purchased glass.....	5	2	2	—	29	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Models and patterns (except paper patterns).....	4	4	—	—	12	—	—	21,833	6,165	49,785	43,020
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	9	8	2	106	1,525	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing.....	7	8	10	340	841	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages.....	9	2	7	22	52	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Nonferrous-metal foundries (except aluminum).....	5	6	5	4	42	21,516	8,448	63,139	116,648	248,948	132,300
9	Paints, varnishes, and lacquers.....	9	5	6	13	77	31,845	30,220	138,372	1,583,050	2,451,170	808,120
6	Partitions, shelving, cabinet work, and office and store fixtures.....	9	11	3	6	95	33,240	7,200	106,953	180,194	453,618	273,424
8	Periodicals: publishing and printing.....	4	3	2	10	25	9,600	15,686	46,568	26,332	170,827	144,495
1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	3	4	—	2	22	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
5	Planing mills not operated in conjunction with sawmills.....	22	15	17	37	446	68,505	66,586	669,463	1,877,253	3,521,263	1,644,010
1	Poultry dressing and packing, wholesale.....	6	10	—	8	80	—	—	9,003	82,833	1,147,103	190,534
14	Power boilers and associated products.....	3	4	3	12	63	12,300	22,568	107,785	228,954	503,908	274,954
1	Prepared feeds (including mineral) for animals and fowls.....	5	—	6	20	249	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Pumping equipment and air compressors.....	6	7	5	7	69	20,478	12,778	108,142	201,207	479,657	278,450
1	Salad dressings.....	3	4	—	1	11	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	8	6	5	7	45	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Sheet-metal work not specifically classified.....	12	15	4	6	70	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
19	Shipbuilding and ship repairing.....	5	2	8	80	1,693	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Signs, advertising displays, and advertising novelties.....	6	8	—	6	118	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Stamped and pressed metal products (except automobile stampings).....	4	2	5	7	34	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	6	2	11	18	161	61,801	32,566	268,557	531,698	1,189,103	657,405
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not not elsewhere classified.....	4	3	1	10	295	6,183	15,482	194,043	484,989	784,731	209,742

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 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
OAKLAND—Continued												
	Other industries ⁴	279	203	175	1,476	9,811	\$910,352	\$3,094,265	\$14,369,100	\$72,608,120	\$119,500,579	\$46,892,459
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products.....	43	25	29	136	1,004	185,585	274,825	1,535,229	9,402,847	10,031,299	6,628,452
4	Apparel and other finished products made from fabrics and similar materials.....	14	11	9	19	163	25,072	25,235	130,152	431,168	771,587	340,410
6	Furniture and finished lumber products.....	19	15	20	29	331	65,366	52,868	385,106	1,795,639	2,634,430	838,791
8	Printing, publishing, and allied industries.....	23	22	21	373	474	142,900	719,202	977,272	1,189,968	5,090,459	3,900,491
9	Chemicals and allied products.....	28	13	15	48	269	31,160	98,763	383,946	6,837,947	8,682,061	1,844,114
12	Leather and leather products.....	3	2			25			13,452	23,336	40,159	16,823
14	Iron and steel and their products, except machinery.....	33	26	18	196	1,372	60,404	407,296	1,953,413	8,162,728	13,963,623	5,800,895
15	Nonferrous metals and their products.....	22	26	7	12	113	22,355	14,361	183,442	345,669	763,639	407,940
16	Electrical machinery.....	15	11	5	82	343	20,568	169,020	498,988	2,185,177	5,272,108	3,086,631
17	Machinery (except electrical).....	19	19	14	65	355	71,125	112,455	596,273	1,358,230	3,418,126	2,050,896
20	Miscellaneous industries.....	17	17	4	18	176	10,437	35,883	286,806	279,022	1,301,367	1,022,345
3	Textile-mill products and other fiber manufactures.....	6	2	7	22	405						
7	Paper and allied products.....	7		8	30	310						
13	Stone, clay, and glass products.....	11	4	2	130	886						
18	Automobiles and automobile equipment.....	9	8	2	196	1,525	275,880	1,154,357	7,425,021	40,596,359	61,541,721	20,945,362
19	Transportation equipment except automobiles.....	5	2	8	80	1,693						
2	Tobacco manufactures.....	1				367						
10	Products of petroleum and coal.....	1		6	40							
11	Rubber products.....	3										
SACRAMENTO												
	All industries, total.....	172	174	41	446	3,646	\$274,465	\$934,987	\$4,773,698	\$18,906,867	\$33,502,954	\$14,596,087
8	Bookbinding and related industries.....	3	3		3	13		5,045	14,562	21,979	60,722	38,743
1	Bread and other bakery products (except biscuits, crackers, and pretzels).....	34	47	3	30	404	24,780	70,580	770,937	1,427,239	3,380,832	1,053,693
1	Canned and dried fruits and vegetables (including canned soups).....	4		1	59	1,553	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	General commercial (job) printing.....	12	18	3	6	58	26,349	11,215	101,240	98,510	368,817	270,307
1	Ice cream and ices.....	6	5	5	5	26	14,400	7,575	31,551	364,343	704,110	339,767
1	Ice, manufactured.....	5		4	2	27	12,774	4,219	42,514	52,936	276,044	223,108
17	Machine-shop products, not elsewhere classified.....	5	10		3	25		2,580	46,816	54,679	156,538	101,859
17	Machine-shop repairs.....	4	7		2	12		1,866	20,910	28,040	84,097	56,057
6	Mattresses and bedsprings.....	3	1		1	19	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Newspapers: publishing and printing.....	4	2	5	194	160	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Nonalcoholic beverages.....	12	9	1	7	47	2,482	12,459	52,918	371,235	890,246	519,011
5	Planing mills not operated in conjunction with sawmills.....	8	15		13	110		21,354	181,437	468,239	904,875	436,636
1	Prepared feeds (including mineral) for animals and fowls.....	3	1		2	25		4,500	36,729	414,597	576,808	162,211
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	6	8	4	4	90	10,400	9,591	156,960	1,394,073	1,777,995	383,922
15	Sheet-metal work not specifically classified.....	3	3		1	25		3,016	25,172	55,021	116,852	61,831
	Other industries ⁴	71	48	21	368	2,783	183,280	780,987	3,291,952	14,155,976	24,205,018	10,049,042
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products.....	18	8	6	93	1,737	30,700	164,889	1,835,495	8,093,411	13,251,836	5,158,425
6	Furniture and finished lumber products.....	11	4	5	13	219	27,820	27,456	244,703	648,030	1,087,506	439,476
8	Printing, publishing, and allied industries.....	13	15	5	201	177	96,760	440,341	314,870	368,242	2,494,575	2,126,333
14	Iron and steel and their products, except machinery.....	10	6	4	44	442	18,000	97,673	616,577	3,609,520	5,290,227	1,680,707
20	Miscellaneous industries.....	4	6		2	11		4,340	21,098	27,178	113,278	86,100
9	Chemicals and allied products.....	3	1		1	7						
13	Stone, clay, and glass products.....	3	1		7	36						
4	Apparel and other finished products made from fabrics and similar materials.....	2										
7	Paper and allied products.....	1										
12	Leather and leather products.....	1					10,000	37,288	259,209	1,400,595	1,967,596	558,001
15	Nonferrous metals and their products.....	1	7	1	7	154						
16	Electrical machinery.....	1										
17	Machinery (except electrical).....	1										
18	Automobiles and automobile equipment.....	2										

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
SAN DIEGO												
	All industries, total.....	214	210	99	1,137	5,625	\$482,114	\$2,213,404	\$7,020,336	\$17,766,348	\$37,850,241	\$20,092,893
8	Bookbinding and related industries.....	3	5	2	11	11	—	2,431	11,276	12,289	45,694	33,406
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	41	42	4	33	392	34,300	67,368	585,548	1,171,470	2,589,915	1,418,445
1	Candy and other confectionery products.....	5	5	3	46	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Canned and dried fruits and vegetables (including canned soups).....	3	4	3	12	138	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Canned fish, crustacea, and mollusks.....	5	7	55	1,580	41,050	93,197	900,765	6,771,310	10,226,159	3,454,840	(¹)
13	Concrete products.....	6	3	1	14	3,255	1,316	21,386	99,929	199,032	100,003	(¹)
1	Food preparations, not elsewhere classified.....	3	6	1	18	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	General commercial (job) printing.....	17	17	10	11	85	29,030	15,576	99,194	160,103	447,806	287,703
1	Ice cream and ice.....	4	1	4	9	42	12,780	12,527	58,459	489,279	928,313	430,034
1	Ice, manufactured.....	4	—	3	26	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-shop repairs.....	3	3	1	10	—	—	1,024	12,126	5,904	30,971	25,007
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	5	2	4	99	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing.....	7	5	6	222	240	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages.....	8	9	6	15	38	29,482	24,536	57,539	330,161	805,388	565,227
8	Periodicals: publishing without printing.....	5	4	7	—	—	—	6,717	—	26,970	51,364	24,394
5	Planing mills not operated in conjunction with sawmills.....	8	4	1	12	99	—	22,840	163,236	270,410	572,152	301,742
1	Poultry dressing and packing, wholesale.....	6	11	2	22	—	—	1,320	19,596	239,526	302,060	62,534
15	Sheet-metal work not specifically classified.....	3	4	1	15	—	—	616	24,795	38,617	81,918	43,301
19	Shipbuilding and ship repairing.....	4	4	2	8	162	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Signs, advertising displays, and advertising novelties.....	3	3	1	4	31	3,380	5,313	32,475	21,905	100,677	78,772
	Other industries.....	102	104	65	984	3,289	328,837	1,958,683	4,943,941	8,128,466	21,386,892	13,258,426
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products.....	25	22	15	62	536	71,242	109,465	673,684	3,858,973	6,208,885	2,349,912
4	Apparel and other finished products made from fabrics and similar materials.....	5	9	5	88	—	—	7,106	73,090	275,695	423,541	147,846
6	Furniture and finished lumber products.....	12	13	4	78	—	—	0,114	107,392	407,395	636,851	229,456
9	Chemicals and allied products.....	7	6	3	55	10,538	—	12,933	80,801	501,842	765,241	293,399
13	Stone, clay, and glass products.....	8	11	3	5	123	11,600	9,665	146,935	150,180	501,034	351,764
13	Iron and steel and their products, except machinery.....	4	3	6	16	102	11,300	32,153	159,962	328,909	641,087	312,778
15	Nonferrous metals and their products.....	4	6	1	11	—	—	216	14,517	10,049	42,447	32,398
20	Miscellaneous industries.....	6	7	2	4	15	3,580	5,138	15,557	63,120	122,980	69,860
8	Printing, publishing, and allied industries.....	14	14	7	232	266	—	—	—	—	—	—
19	Transportation equipment except automobiles.....	9	6	20	628	1,846	—	—	—	—	—	—
5	Lumber and timber basic products.....	1	—	2	14	—	—	—	—	—	—	—
7	Paper and allied products.....	1	—	3	1	—	—	—	—	—	—	—
11	Rubber products.....	1	2	—	—	168	220,577	1,775,893	3,672,003	2,532,303	12,043,326	9,511,023
16	Electrical machinery.....	2	3	—	—	—	—	—	—	—	—	—
17	Machinery (except electrical).....	2	1	4	5	—	—	—	—	—	—	—
18	Automobiles and automobile equipment.....	1	1	—	—	—	—	—	—	—	—	—
SAN FRANCISCO												
	All industries, total.....	2,172	2,120	1,003	5,674	31,788	\$4,968,238	\$11,097,207	\$44,723,211	\$174,783,186	\$313,252,639	\$138,469,453
16	Batteries, storage and primary (dry and wet).....	7	3	7	13	60	29,880	20,195	85,476	371,699	537,602	165,903
20	Beauty-shop and barber-shop equipment.....	3	2	2	11	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Belts (apparel), regardless of material.....	3	5	3	23	—	—	1,708	25,240	67,434	141,361	73,927
14	Biscuit, crackers, and pretzels.....	8	11	2	15	278	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	—	4	6	41	31,800	9,758	39,600	105,042	223,130	118,088
8	Bookbinding and related industries.....	21	20	13	33	214	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Books: printing without publishing.....	10	11	1	12	77	1,410	18,683	130,282	179,692	615,389	335,697
8	Books: publishing without printing.....	7	2	3	67	1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	201	273	21	142	1,994	108,022	311,033	3,524,338	6,290,392	14,947,767	8,648,375
20	Brooms.....	4	21	—	16	—	—	—	10,513	41,678	72,335	30,657
1	Candy and other confectionery products.....	40	23	18	61	1,127	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Canned and dried fruits and vegetables (including canned soups).....	10	9	4	31	744	22,773	52,066	764,602	3,107,828	4,187,857	1,080,029
6	Caskets, coffins, burial cases, and other morticians' goods.....	7	1	8	15	63	48,600	33,667	110,423	297,544	628,697	331,153
9	Chemicals not elsewhere classified.....	6	—	1	12	100	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Chocolate and cocoa products.....	3	—	8	17	140	77,609	56,391	201,111	1,562,212	2,484,518	922,306

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, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture
SAN FRANCISCO—Continued												
9	Cleaning and polishing preparations, blackings, and dressings	8	6	3	4	12	\$3,480	\$6,879	\$11,431	\$52,873	\$121,437	\$58,564
4	Clothing, leather and sheep-lined	3	1	2	7	156	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	35	48	7	33	458	20,000	38,274	505,506	1,200,551	2,241,993	1,041,442
16	Communication equipment	3	1		8	16		10,224	23,831	29,084	93,748	64,654
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3		2	7	32	24,000	14,893	49,001	63,173	296,699	233,526
13	Concrete products	13	14	3	10	109	12,951	16,053	159,978	675,813	1,203,733	527,920
7	Converted paper products not elsewhere classified	5	2	5	10	68	22,585	16,400	70,153	195,114	479,913	284,799
6	Cooperage	4	1	2	9	111	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Corsets and allied garments	3		2	11	86	4,153	27,329	69,867	183,444	359,305	175,951
1	Creamery butter	5	5	2	3	16	2,400	5,119	21,206	603,380	744,642	141,253
1	Cured fish	5	5		3	7		4,180	11,184	90,494	120,316	20,822
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	7	1	11	162	2,560	15,199	149,935	824,081	1,149,057	324,976
7	Die-cut paper and paperboard, and converted cardboard	5	2	8	7	85	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Doors, window sash, frames, molding, and trim (made of metal)	9	4	11	40	289	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Drugs and medicines (including drug grindings)	16	7	14	17	90	50,342	30,894	122,305	414,479	940,558	526,079
15	Electroplating, plating, and polishing	12	13	1	10	69	4,680	19,476	104,730	53,292	300,942	247,650
8	Electrotyping and stereotyping, not done in printing establishments	7	2	5	36	137	27,667	92,436	232,796	109,021	696,727	587,706
17	Elevators, escalators, and conveyors	9	4	5	40	127	47,194	80,480	222,109	531,366	1,176,333	594,967
8	Engraving (steel, copperplate, and wood); plate printing	10	9	6	9	34	14,880	11,616	55,063	36,626	171,671	135,045
7	Envelopes	4	2	6	26	205	32,450	73,456	247,870	568,909	1,196,178	627,269
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	29	17	19	43	309	80,307	95,740	445,233	1,366,189	2,531,472	1,165,283
1	Flavoring extracts and flavoring sirups, not elsewhere classified	10	5	8	9	98	18,817	24,461	131,387	1,004,211	1,702,003	697,792
1	Food preparations, not elsewhere classified	34	40	15	27	191	60,369	36,901	191,614	969,498	1,681,040	711,542
17	Food-products machinery	12	10	5	6	55	19,200	12,673	107,003	290,500	521,792	231,292
4	Fur coats and other fur garments, accessories, and trimmings	32	43	3	25	203	14,300	38,486	288,107	998,146	1,870,966	872,820
8	General commercial (job) printing	193	197	72	229	1,343	304,802	455,853	2,331,185	3,014,144	8,629,299	5,615,155
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	4	11	102	226	75,058	193,553	351,591	977,966	2,206,518	1,228,552
9	Glue and gelatin	4		2	9	21	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Gray-iron and semisteel castings	6	3	4	18	283	16,093	43,283	443,388	304,520	1,055,528	751,098
20	Hand stamps, stencils, and brands	12	14	3	3	51	30,710	3,512	67,301	98,193	280,058	181,865
14	Hardware not elsewhere classified	5	6	5	40	277	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	House dresses, uniforms, and aprons—made in contract factories	3	4			42						
6	Household furniture, except upholstered	19	28	1	9	180	544	12,481	239,583	385,158	867,409	482,251
1	Ice cream and ices	19	13	6	12	113	21,575	26,075	149,915	957,442	1,894,210	936,777
1	Ice, manufactured	4		7	4	35	31,705	6,205	63,552	61,598	267,610	206,012
17	Industrial machinery, not elsewhere classified	5	3	3	3	26	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Insecticides, fungicides, and related industrial and household chemical compounds	12	5	6	6	38	25,760	9,816	42,704	142,648	378,048	235,400
15	Jewelry (precious metals)	30	38	3	33	190	11,960	39,992	372,964	426,057	1,031,092	605,035
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	9	8	6	30	470	25,927	59,314	420,588	864,540	2,374,543	1,510,003
12	Leather gloves and mittens	3	2	3		26	5,357		26,491	49,470	91,838	42,368
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	5	8	5	10	277	25,225	20,525	337,517	1,495,009	2,114,512	619,503
15	Lighting fixtures	18	21	10	9	82	26,428	15,822	103,340	348,499	686,598	338,099
1	Liquors, rectified or blended	10	4	2	18	56	6,360	40,233	62,565	385,343	966,084	580,741
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	25	16	27	209	1,232	254,550	411,725	2,290,430	3,519,731	8,624,231	5,104,500
1	Macaroni, spaghetti, vermicelli, and noodles	17	23	13	18	128	44,635	20,837	154,198	587,553	1,078,246	490,693
8	Machine and hand typesetting (including advertisement typesetting)	20	30	5	18	114	19,551	29,673	207,334	61,144	535,792	474,648
17	Machine-shop products, not elsewhere classified	33	36	10	34	170	41,472	50,807	279,106	502,290	1,080,562	564,272
17	Machine-shop repairs	14	16	3	9	53	8,400	13,958	78,200	67,548	263,525	195,977
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	7	8		2	30						
1	Malt	3		4	7	33	50,767	1,651	47,300	32,008	139,164	107,156
								27,557	79,224	960,817	1,426,336	466,519

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	*Num-ber of estab-lish-ments	*Pro-rietors and firm mem-bers	*Sala-ried officers of corpora-tions ¹	*Sala-ried employ-ees ¹	*Wage earners (average for year) ²	Salaries of officers of corpora-tions ¹	Salaries of employees ¹	Wages	Cost of mate-rials, supplies, fuel, purchased electric energy, and contract work	Value of prod-ucts	Value added by manufac-ture ³
SAN FRANCISCO—Continued												
6	Mattresses and bedsprings.....	16	16	12	141	844	\$74,098	\$274,018	\$1,141,005	\$2,571,048	\$5,240,974	\$2,669,026
17	Meat packing, wholesale.....	10	4	12	22	211	100,130	53,708	330,291	13,054,327	14,560,954	1,506,627
4	Mechanical power-transmission equip-ment.....	5	1	4	25	125	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Men's and boys' suits, coats, and over-coats (except work clothing)—made in contract factories.....	24	32	-----	5	189	-----	10,846	200,421	17,310	321,989	304,679
4	Men's and boys' suits, coats, and over-coats (except work clothing)—made in inside factories or by jobbers en-gaging contractors.....	13	12	9	16	179	38,350	33,577	210,420	465,380	930,561	465,181
4	Men's neckwear—made in inside fac-tories or by jobbers engaging con-tractors.....	6	6	3	10	103	20,100	12,356	71,789	196,544	340,172	152,628
4	Millinery.....	19	17	7	30	304	23,569	40,782	387,623	571,593	1,404,898	833,305
6	Mirror frames and picture frames.....	6	5	-----	-----	22	-----	-----	33,045	44,714	130,029	85,315
13	Mirrors and other glass products made of purchased glass.....	10	7	3	9	39	5,526	14,078	66,966	150,205	304,900	154,695
20	Miscellaneous fabricated products not elsewhere classified.....	5	2	1	2	18	4,316	965	10,084	55,786	143,517	87,731
4	Miscellaneous fabricated textile prod-ucts not elsewhere classified.....	5	5	-----	4	50	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Models and patterns (except paper patterns).....	13	17	-----	3	24	-----	3,870	44,927	26,261	151,999	125,738
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	7	4	5	5	32	8,439	9,435	40,697	85,270	205,364	210,094
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	16	21	5	17	167	19,860	32,847	251,555	536,221	1,078,405	542,184
9	Mucilage, paste, and other adhesives, except glue and rubber cement.....	3	1	2	6	13	5,968	14,230	9,493	24,042	58,337	34,295
8	Newspapers: publishing and printing.....	30	18	32	1,222	1,099	150,628	2,573,107	2,195,492	3,470,257	14,097,782	10,627,625
8	Newspapers: publishing without print-ing.....	8	3	6	40	4	8,980	34,856	8,118	71,789	153,123	81,334
1	Nonalcoholic beverages.....	12	6	9	22	84	27,520	38,815	126,460	866,225	2,156,137	1,280,012
15	Nonferrous-metal foundries (except aluminum).....	11	13	5	10	74	16,593	16,935	101,566	170,692	380,299	209,607
15	Nonferrous-metal products not else-where classified.....	4	6	-----	1	16	-----	210	29,345	27,754	75,206	47,452
9	Paints, varnishes, and lacquers.....	21	18	12	67	245	50,725	164,989	410,259	3,065,684	5,310,258	2,244,674
7	Paperboard containers and boxes not elsewhere classified.....	12	4	18	57	548	111,180	118,327	748,431	2,142,860	4,182,484	2,039,634
6	Partitions, shelving, cabinet work, and office and store fixtures.....	26	29	7	32	302	52,212	64,509	465,425	739,364	1,750,461	1,011,087
8	Periodicals: publishing and printing.....	10	3	22	102	215	157,042	177,222	392,051	480,870	1,997,593	1,516,723
8	Periodicals: publishing without print-ing.....	71	31	43	246	18	165,991	423,398	19,634	1,030,172	2,931,280	1,901,108
8	Photoengraving, not done in printing establishments (including prepara-tion of plates).....	17	20	7	35	129	66,990	70,715	325,500	113,281	955,776	842,495
20	Photographic apparatus and materials and projection equipment (except lanterns).....	4	1	2	6	15	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
5	Planing mills not operated in conjunc-tion with sawmills.....	31	35	8	21	372	31,234	51,029	628,038	863,640	1,950,730	1,087,090
1	Poultry dressing and packing, whole-sale.....	13	34	6	19	137	50,700	42,770	137,048	2,095,171	2,606,867	511,696
14	Power boilers and associated products.....	6	4	6	19	174	18,378	39,568	207,576	351,319	702,117	410,798
1	Prepared feeds (including mineral) for animals and fowls.....	5	2	7	10	31	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Preserves, jams, jellies, and fruit but-ters.....	5	1	5	21	221	8,687	31,618	195,876	794,348	1,195,801	401,453
9	Printing ink.....	4	1	5	3	14	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
17	Printing-trades machinery and equip-ment.....	7	6	3	7	22	10,277	21,821	41,917	153,521	295,848	142,327
17	Pumping equipment and air com-pressors.....	5	4	2	22	54	7,080	38,382	81,651	269,924	494,882	224,958
11	Rubber products not elsewhere classi-fied.....	5	4	1	7	36	6,000	13,589	51,459	81,339	260,401	179,062
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	38	62	7	26	206	32,965	46,960	326,776	3,439,861	4,623,596	1,183,735
15	Sheet-metal work not specifically clas-sified.....	45	51	21	67	395	99,184	126,099	630,333	1,280,728	2,746,233	1,465,505
19	Shipbuilding and ship repairing.....	15	12	8	144	1,015	54,700	369,435	1,630,657	1,722,588	4,411,780	2,689,192
20	Signs, advertising displays, and ad-vertising novelties.....	22	27	4	20	146	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Soap and glycerin.....	8	9	5	7	60	39,750	14,278	82,750	606,684	967,435	360,751
20	Soda fountains, beer-dispensing equip-ment, and related products.....	5	6	3	3	17	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Stamped and pressed metal products (except automobile stampings).....	8	6	12	37	207	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
13	Steam and other packing; pipe and boiler covering.....	5	2	2	5	51	4,800	9,804	73,272	186,648	353,914	167,266
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	6	4	4	20	150	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)

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	*Pro- priators and firm members	*Sala- ried officers of corpora- tions ¹	*Sala- ried employ- ees ¹	*Wage earners (average for year) ²	Salaries of officers of corpora- tions ¹	Salaries of employees ¹	Wages	Cost of ma- terials, sup- plies, fuel, purchased electric en- ergy, and contract work	Value of products	Value added by manu- facture ³
SAN FRANCISCO—Continued												
12	Suitcases, brief cases, bags, trunks, and other luggage	9	8	2	10	110	\$3,369	\$22,044	\$113,391	\$321,061	\$591,114	\$270,053
20	Surgical supplies and equipment not elsewhere classified; orthopedic ap- pliances ⁴	10	5	7	8	62	23,050	15,264	77,200	126,094	335,609	209,515
4	Textile bags—made in textile mills	5	1	9	41	538	94,175	92,065	585,512	5,689,273	7,217,634	1,528,361
14	Tin cans and other tinware not else- where classified	5	1		215	970	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
14	Tools (except edge tools, machine tools, files, and saws)	3	1	3	3	15	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
6	Upholstered household furniture	23	30	2	33	374	373	46,487	497,526	792,359	1,760,460	968,101
6	Venetian blinds	5	1	6	9	76	9,182	18,992	95,573	252,480	440,916	188,436
14	Wirework not elsewhere classified	7	8	2	37	124	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	8	10		6	57		8,851	44,059	154,986	297,737	142,751
4	Women's and misses' dresses (except house dresses)—made in contract factories	15	20			169			74,273	7,371	128,547	121,176
6	Wooden boxes except cigar boxes	7	7	4	14	147	15,750	26,054	143,261	255,078	581,490	326,412
6	Wood products not elsewhere classified	6	12		5	38		4,835	37,662	90,047	189,128	99,081
17	Woodworking machinery	3	2	1	5	16	4,000	8,200	26,879	33,252	120,041	86,789
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	18	24	9	48	1,005	89,250	83,354	876,289	1,939,496	4,112,712	2,173,216
	Other industries ⁴	544	454	303	1,580	10,842	1,498,239	3,143,145	14,241,110	85,943,667	139,005,803	53,062,136
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴												
1	Food and kindred products	92	50	51	316	3,357	297,822	703,719	4,895,226	37,123,896	58,318,632	21,194,736
3	Textile-mill products and other fiber manufactures	16	8	16	47	408	116,579	102,196	456,150	1,228,460	2,786,217	1,557,767
4	Apparel and other finished products made from fabrics and similar ma- terials	95	115	34	119	1,337	154,497	176,470	1,230,774	3,553,970	6,161,754	2,607,784
6	Furniture and finished lumber prod- ucts	15	18	2	12	138	21,705	20,121	182,608	730,343	1,215,006	484,663
8	Printing, publishing, and allied indus- tries	35	27	20	109	280	92,590	184,486	443,484	1,146,318	3,004,061	1,857,743
9	Chemicals and allied products	38	16	30	52	392	110,602	107,189	545,447	3,710,887	5,650,874	1,939,987
12	Leather and leather products	16	11	7	30	350	21,156	44,087	402,686	782,367	1,476,912	604,545
13	Stone, clay, and glass products	15	22	2	3	35	8,400	5,355	54,626	192,165	476,817	284,652
14	Iron and steel and their products, ex- cept machinery	78	64	63	444	2,473	324,310	918,952	3,480,211	14,722,018	26,526,987	11,804,969
15	Nonferrous metals and their products	17	16	6	63	283	22,983	154,839	400,018	3,473,158	4,456,149	982,991
16	Electrical machinery	6	2	5	22	115	35,000	48,275	175,956	457,280	748,991	291,711
17	Machinery (except electrical)	36	17	31	228	727	104,280	403,203	1,336,274	2,682,402	6,328,925	3,646,523
20	Miscellaneous industries	63	67	21	70	359	90,972	119,718	505,153	1,305,492	2,904,289	1,598,797
2	Tobacco manufactures	12	13	4	55	484						
7	Paper and allied products	6	2	11	9	97						
16	Products of petroleum and coal	2					37,343	154,535	632,497	14,834,911	18,950,189	4,115,278
19	Transportation equipment except automobiles	2	6		1	7						

⁴ As the figures for number of establishments and 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, ⁷, and ⁸ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities 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 cities.

¹ 1 establishment.

² 2 establishments.

³ 3 establishments.

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

	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.....	12,329	3,620	22	132	1,029	435	780	120	1,869	671	106	60	112	478	674	542	181	803	104	100	491
COUNTY																					
Alameda.....	978	302	1	8	21	35	70	12	96	88	3	6	8	36	82	43	22	91	12	10	32
Alameda.....	8	3				3			1					1							
Alameda.....	47	26				7	2		7					1	1			3			
Alameda.....	13	5				3	1		2					1	1						
Alameda.....	11	8							3												
Alameda.....	126	36		1	1	2	4	3	14	35	8	1		8	7	2			1	3	
Alameda.....	7	3				2			1												1
Alameda.....	18	3				8	2		2					2							1
Alameda.....	259	135		1	2	15	16	1	27	6	1			14	8	6		20	2		6
Alameda.....	16	12							4												
Alameda.....	91	39		1		31	3		0	1				2	2			2			1
Alameda.....	55	28				7	1		11	1				4				3			
Alameda.....	12	3				2			2	2				3							
Alameda.....	112	48				2	3		17	4	10			8	5			15			
Alameda.....	44	24				1			5	3	2			2				7			
Alameda.....	16	10				3			3												
Alameda.....	18	8				8			2												
Alameda.....	5,694	962	9	91	708	103	461	69	832	338	67	46	57	209	377	324	123	403	61	45	309
Alameda.....	21	11				3			4	1				1				1			
Alameda.....	54	30				3			8	3				2	1	1		2		3	
Alameda.....	5					2			2					1							
Alameda.....	40	16				19			4	1											
Alameda.....	51	32				3	1		8					3	1			3			
Alameda.....	15	3				10			2												
Alameda.....	92	51				3	2		13	8			1	6	3	1	1	2			1
Alameda.....	60	40			2	1	1	1	7				3	2				3			
Alameda.....	19	8				4			4						1			2			
Alameda.....	138	55		6		4	1		23	4	3			8	5	3		10	1	5	5
Alameda.....	26	13				1	1		6	1				3						1	
Alameda.....	21	5				13	2		1												
Alameda.....	83	40				1	2		19	1				10	4			5			1
Alameda.....	227	116		2		10	15	1	31	4	1		1	9	10	4	1	14	3		5
Alameda.....	12	9				2			2									1			
Alameda.....	122	57				4	2		22	8				16	4		2	3		1	3
Alameda.....	282	123			5	12	14	1	54	12		1		18	5	8	2	7	1	10	9
Alameda.....	2,172	489	12	23	283	31	129	27	434	109	2	5	33	50	122	136	25	125	16	17	104
Alameda.....	207	124				7	8	1	24	4				7	6	2	1	19	1	1	2
Alameda.....	34	20				2			10		1			1							
Alameda.....	111	37				10	2		12	14				3	8	1	3	5	1		2
Alameda.....	76	42				3	2		14		4			2		2		6			
Alameda.....	312	174			3	5	14	1	36	12		1	1	15	14	6	1	19	4		6
Alameda.....	70	43				5	4		10	2	1		1	2	1			1			
Alameda.....	37	18				11			4						1	1		2			
Alameda.....	5	2				2	1														
Alameda.....	41	19				15	1		6												
Alameda.....	42	27			1	1	1		8	1								1		2	
Alameda.....	185	143		1	1	9	2	2	11	2			2	3	2	2		3		1	1
Alameda.....	105	78				3			14	3				2	2			2			1
Alameda.....	18	14							2					1				1			
Alameda.....	17	13				1			3												
Alameda.....	3	1				1			1												
Alameda.....	89	55				6			13	2				8	1	1		3			
Alameda.....	14	6				4			2					1				1			
Alameda.....	54	24				1	1		11		3			3				11			
Alameda.....	27	14				1	2		2	1				1				5		1	
Alameda.....	23	13				2			4									2	1		1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 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 CALIFORNIA				STATE OF CALIFORNIA—Continued			
1	Cane-sugar refining	2	-----	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	2	-----
	Cereal preparations	12	110		Clocks, watches, and materials and parts (except watchcases)	2	-----
	Chewing gum	1	-----		Gold and silver leaf and foil	1	-----
	Custom slaughtering, wholesale	2	-----		Primary smelting and refining of nonferrous metals	2	-----
	Oleomargarine—not made in meat-packing establishments	3	152		Secondary smelting and refining, gold, silver, and platinum	3	24
	Special dairy products	3	48		Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	106
2	Cigarettes	1	-----		Tin and other foils (except gold and silver foil)	1	-----
	Tobacco (chewing and smoking) and snuff	4	-----	16	Automotive electrical equipment	2	-----
3	Cordage and twine	4	209		Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	-----
	Cotton broad woven goods	4	313		Electric lamps	1	-----
	Cotton narrow fabrics	1	-----	17	Laundry equipment, domestic	2	-----
	Cotton yarn	1	-----		Machine tools	1	-----
	Dyeing and finishing woolen and worsted	4	64		Measuring and dispensing pumps	3	29
	Knitted cloth	1	-----		Paper-mill, pulp-mill, and paper-products machinery	2	-----
	Knitted underwear	1	-----		Scales and balances	2	-----
	Lanolin, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	-----		Steam engines, turbines, and water wheels	2	-----
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	-----		Tractors	2	-----
	Rayon narrow fabrics	2	-----	19	Cars and car equipment—railroad, street, and rapid-transit	5	-----
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	-----		Motorcycles, bicycles, and parts	2	-----
	Silk narrow fabrics	1	-----	20	Artists' materials	1	-----
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	-----		Dolls (except rubber)	1	-----
	Woolen and worsted manufactures—contract factories	2	-----		Fire extinguishers, chemical	4	18
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	28		Needles, pins, hooks and eyes, and slide and snap fasteners	3	30
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	-----		Organs	2	-----
	Suspenders, garters, and other goods made from purchased elastic material	2	-----		Pencils (except mechanical) and crayons	2	-----
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	73		Pens, mechanical pencils, and pen points	2	-----
	Work gloves and mittens: cloth, cloth and leather combined	2	-----		Surgical and medical instruments	1	-----
5	Plywood mills	1	-----	LOS ANGELES INDUSTRIAL AREA			
6	Cigar boxes: wooden, part wooden	3	42	1	Blended and prepared flour made from purchased flour	5	12
	Matches	3	207		Cereal preparations	7	24
7	Coated and glazed paper	4	-----		Cheese	5	105
	Fiber cans, tubes, and similar products	1	-----		Condensed and evaporated milk	2	-----
	Pulp mills	1	-----		Cooking and other edible fats and oils, not elsewhere classified	4	333
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	3	80		Cured fish	3	-----
9	Bluing	1	-----		Custom slaughtering, wholesale	1	-----
	Bone black, carbon black, and lampblack	2	-----		Liquors, distilled	2	-----
	Colors and pigments	4	84		Malt	1	-----
	Essential oils	2	-----		Oleomargarine—not made in meat-packing establishments	1	-----
	Fireworks	3	23		Quick-frozen foods	3	65
	Hardwood distillation and charcoal manufacture	3	10		Salad dressings	11	82
	Salt	12	321		Sausage casings—not made in meat-packing establishments	1	-----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	-----		Special dairy products	1	-----
10	Fuel briquets	1	-----		Vinegar and cider	2	-----
12	Leather: tanned, curried, and finished—contract factories	1	-----	2	Cigars	8	-----
13	Abrasive wheels, stones, paper, cloth, and related products	1	-----		Tobacco (chewing and smoking) and snuff	1	-----
	China firing and decorating (for the trade)	1	-----	3	Batting, padding, and wadding; upholstery filling	8	-----
	Flat glass	1	-----		Carpets, rugs, and mats made from such materials as paper fiber, grass, lute, flax, sisal, cotton, cocoon fiber, and rags	3	17
	Hotel china	2	-----		Cloth sponging and miscellaneous special finishing	3	36
	Mineral wool	1	-----		Cordage and twine	1	-----
	Natural graphite, ground and refined	1	-----		Cotton broad woven goods	1	-----
	Nonclay refractories	2	-----		Cotton narrow fabrics	3	-----
	Porcelain electrical supplies	2	-----		Dyeing and finishing woolen and worsted	1	-----
	Terra cotta	1	-----		Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	-----
	Vitreous-china plumbing fixtures	2	-----		Hosiery—full-fashioned	4	72
	Whiteware	3	401		Knitted cloth	2	-----
14	Automobile stampings	1	-----		Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	-----
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	-----		Rayon narrow fabrics	1	-----
	Firearms	2	-----		Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	-----
	Malleable-iron castings	1	-----		Silk narrow fabrics	1	-----
	Rails and vaults	2	-----		Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	274
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	33	4	Canvas products (except bags)	11	-----
	Steel barrels, kegs, and drums	4	368		Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	-----
	Steel works and rolling mills	7	-----		Children's coats—made in inside factories or by jobbers engaging contractors	2	-----
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	-----		Clothing, leather and sheep-lined	6	-----
					Coats, suits, and skirts (except fur coats)—made in contract factories	2	272
					Curtains, draperies, and bedspreads—contract factories	10	-----
					Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	-----
						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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
	LOS ANGELES INDUSTRIAL AREA—Continued				LOS ANGELES INDUSTRIAL AREA—Continued		
4	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	3	-----	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	4	124
	Housefurnishings (except curtains, draperies, and bedspreads).....	27	349		Hard ware not elsewhere classified.....	20	342
	Suspenders, garters, and other goods made from purchased elastic material.....	1	-----		Malleable-iron castings.....	1	-----
	Textile bags—not made in textile mills.....	7	-----		Oil burners, domestic and industrial.....	1	44
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	6	-----		Safes and vaults.....	1	-----
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	64	-----		Saws.....	2	-----
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	4	-----		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	3	-----
	Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	2	-----		Steam and hot-water heating apparatus (including hot-water furnaces).....	3	33
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	17	-----		Steam fittings, regardless of material.....	9	338
	Women's neckwear, scarfs, etc.....	2	-----		Steel barrels, kegs, and drums.....	1	-----
	Work gloves and mittens: cloth, cloth and leather combined.....	2	-----		Steel works and rolling mills.....	2	-----
5	Plywood mills.....	1	-----		Tin cans and other tinware not elsewhere classified.....	6	828
6	Baskets for fruits and vegetables.....	1	-----		Vitreous enameled products, including kitchen, household, and hospital utensils.....	2	-----
	Cigar boxes: wooden, part wooden.....	2	-----		Wire drawn from purchased rods.....	1	-----
	Cooperage.....	3	58	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	4	90
	Matches.....	2	-----		Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	1	-----
7	Coated and glazed paper.....	2	-----		Clocks, watches, and materials and parts (except watch-cases).....	1	-----
	Die-cut paper and paperboard, and converted cardboard.....	3	26		Engraving on metal (except for printing purposes).....	3	-----
	Fiber cans, tubes, and similar products.....	1	-----		Lapidary work.....	1	-----
	Paper and paperboard mills.....	7	954		Primary smelting and refining of nonferrous metal.....	1	-----
	Paper bags, except those made in paper mills.....	8	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	3	106
8	Books: publishing and printing.....	10	-----		Silverware and plated ware.....	3	-----
	Books: publishing without printing.....	12	-----	16	Automotive electrical equipment.....	2	-----
	Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	2	-----		Electrical appliances.....	5	172
	Greeting cards (except hand-painted).....	5	140		Electrical measuring instruments.....	2	-----
9	Bluing.....	1	-----		Insulated wire and cable.....	4	-----
	Bone black, carbon black, and lampblack.....	1	-----		Wiring devices and supplies.....	3	62
	Candles.....	2	-----	17	Agricultural machinery (except tractors).....	3	100
	Cottonseed oil, cake, meal, and linters.....	2	-----		Blowers; exhaust and ventilating fans.....	3	-----
	Fireworks.....	1	-----		Cars and trucks, industrial.....	2	-----
	Fish and other marine oils, cake, and meal.....	1	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	2	-----
	Grease and tallow (except lubricating greases).....	2	-----		Machine tools.....	1	-----
	Hardwood distillation and charcoal manufacture.....	1	-----		Measuring and dispensing pumps.....	3	20
	Linseed oil, cake, and meal.....	1	-----		Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	7	268
	Salt.....	1	-----		Metalworking machinery and equipment, not elsewhere classified.....	1	-----
	Soap and glycerine.....	10	490		Mining machinery and equipment.....	2	-----
	Vegetable and animal oils, not elsewhere classified.....	4	33		Office and store machines not elsewhere classified.....	4	151
10	Fuel briquets.....	1	-----		Scales and balances.....	1	-----
11	Tires and inner tubes.....	5	-----		Special-industry machinery, not elsewhere classified.....	6	-----
12	Footwear (except rubber).....	13	686		Tractors.....	1	-----
	Leather gloves and mittens.....	5	-----		Vending, amusement, and other coin-operated machines.....	4	-----
	Leather goods not elsewhere classified.....	4	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	45	3,487
	Leather: tanned, curried, and finished—contract factories.....	1	-----	19	Aircraft and parts, including aircraft engines.....	28	14,364
	Small leather goods.....	4	-----		Boat building and boat repairing.....	1	-----
	Women's pocketbooks, handbags, and purses.....	1	-----		Cars and car equipment—railroad, street, and rapid-transit.....	2	-----
13	Asbestos products (except steam packing and pipe and boiler covering).....	3	68		Motorcycles, bicycles, and parts.....	2	-----
	Cement.....	1	-----	20	Artists' materials.....	1	-----
	Clay products (except pottery) not elsewhere classified.....	2	-----		Beauty-shop and barber-shop equipment.....	3	37
	Clay refractories, including refractory cement (clay).....	4	194		Brushes.....	6	38
	Glass containers.....	5	-----		Carbon paper and inked ribbons.....	5	-----
	Gypsum products.....	4	-----		Costume jewelry and costume novelties (jewelry other than fine jewelry).....	4	-----
	Hotel china.....	1	-----		Dolls (except rubber).....	1	-----
	Lime.....	2	-----		Fabricated plastic products, not elsewhere classified.....	22	-----
	Mineral wool.....	1	-----		Fire extinguishers, chemical.....	1	-----
	Nonclay refractories.....	2	-----		Furs, dressed and dyed.....	5	-----
	Sewer pipe and kindred products.....	1	-----		Lamp shades.....	3	-----
	Steam and other packing; pipe and boiler covering.....	4	164		Musical instruments, parts, and materials not elsewhere classified.....	5	-----
	Tableware, pressed or blown glass, and glassware not elsewhere classified.....	6	-----		Needles, pins, hooks and eyes, and slide and snap fasteners.....	3	30
	Vitreous-china plumbing fixtures.....	1	-----		Ophthalmic goods: lenses and fittings.....	4	-----
	Whiteware.....	3	401		Optical instruments and lenses.....	2	-----
14	Automobile stampings.....	1	-----		Organs.....	1	-----
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	1	-----		Pencils (except mechanical) and crayons.....	1	-----
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	2	-----		Pens, mechanical pencils, and pen points.....	1	-----
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	16	1,146		Photographic apparatus and materials and projection equipment (except lenses).....	20	178
					Soda fountains, beer dispensing equipment, and related products.....	3	34
					Wool pulling.....	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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA				SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued			
1	Beet sugar.....	1	.....	6	Laboratory, hospital, and other professional furniture.....	2	.....
	Blended and prepared flour made from purchased flour.....	3	10		Office furniture.....	2	.....
	Cane-sugar refining.....	2	.....		Window and door screens and weather strip.....	2	.....
	Cereal preparations.....	2	.....		Wood preserving.....	2	.....
	Chewing gum.....	1	.....	7	Coated and glazed paper.....	2	.....
	Condensed and evaporated milk.....	1	.....		Die-cut paper and paperboard, and converted card-board.....	5	85
	Cooking and other edible fats and oils, not elsewhere classified.....	2	.....		Paper and paperboard mills.....	4	.....
	Custom slaughtering, wholesale.....	1	.....		Paper bags, except those made in paper mills.....	1	.....
	Liquors, distilled.....	1	.....	8	Books: publishing without printing.....	7	1
	Oleomargarine—not made in meat-packing establishments.....	2	.....		Engraving, rotogravure, and rotary photogravure (including preparation of plates).....	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	11	356		Greeting cards (except hand-painted).....	2	.....
	Preserves, jams, jellies, and fruit butters.....	10	.....	9	Bone black, carbon black, and lampblack.....	1	.....
	Quick-frozen foods.....	1	.....		Candles.....	2	.....
	Rice cleaning and polishing.....	2	.....		Colors and pigments.....	4	84
	Salad dressings.....	5	.....		Fireworks.....	1	.....
	Sausage casings—not made in meat-packing establishments.....	4	.....		Gum and gelatin.....	6	.....
	Special dairy products.....	2	.....		Linseed oil, cake, and meal.....	2	.....
	Vinegar and cider.....	3	11		Salt.....	8	272
2	Cigarettes.....	1	.....		Soap and glycerin.....	10	.....
	Cigars.....	9	307		Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	.....
	Tobacco (chewing and smoking) and snuff.....	3	.....		Vegetable and animal oils, not elsewhere classified.....	5	124
3	Battling, padding, and wadding; upholstery filling.....	4	95	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	2	.....
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	2	.....	11	Tires and inner tubes.....	1	.....
	Cloth sponging and miscellaneous special finishing.....	3	39	12	Footwear (except rubber).....	4	.....
	Cordage and twine.....	2	.....		Leather gloves and mittens.....	8	.....
	Cotton broad woven goods.....	1	.....		Leather goods not elsewhere classified.....	1	.....
	Dyeing and finishing woolen and worsted.....	2	.....		Saddlery, harness, and whips.....	3	.....
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	4	50		Small leather goods.....	1	.....
	Hosiery—full-fashioned.....	1	.....		Women's pocketbooks, handbags, and purses.....	4	.....
	Knitted underwear.....	1	.....	13	Abrasive wheels, stones, paper, cloth, and related products.....	1	.....
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified.....	1	.....		Asbestos products (except steam packing and pipe and boiler covering).....	3	117
	Woolen and worsted manufactures—contract factories.....	2	.....		Cement.....	2	.....
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	.....		China firing and decorating (for the trade).....	1	.....
	Children's coats—made in inside factories or by jobbers engaging contractors.....	3	.....		Clay products (except pottery) not elsewhere classified.....	1	.....
	Children's dresses—made in inside factories or by jobbers engaging contractors.....	1	.....		Clay refractories, including refractory cement (clay).....	2	.....
	Clothing, leather and sheep-lined.....	3	156		Floor and wall tile (except quarry tile).....	2	.....
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	2	.....		Glass containers.....	2	.....
	Curtains, draperies, and bedspreads—contract factories.....	5	.....		Hotel china.....	1	.....
	Embroideries, other than Schiffli-machine products—contract factories.....	1	.....		Lime.....	1	.....
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors.....	1	.....		Minerals and earths, ground or otherwise treated.....	3	26
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	1	.....		Natural graphite, ground and refined.....	1	.....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	2	.....		Porcelain electrical supplies.....	2	.....
	Housefurnishings (except curtains, draperies, and bedspreads).....	8	.....		Pottery products not elsewhere classified.....	2	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	5	36		Sewer pipe and kindred products.....	2	.....
	Robes, lounging garments, and dressing gowns.....	7	.....		Steam and other packing; pipe and boiler covering.....	7	.....
	Suspenders, garters, and other goods made from purchased elastic material.....	2	.....		Vitreous-china plumbing fixtures.....	1	.....
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	.....	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	4	350
	Trousers (semidress), wash suits, and washable service apparel.....	2	.....		Firearms.....	2	.....
	Women's and misses' blouses and waists—made in contract factories.....	8	.....		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	7	128
	Women's and misses' clothing, not elsewhere classified—made in contract factories.....	2	.....		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	5	.....
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	.....		Hardware not elsewhere classified.....	10	.....
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	2	.....		Heating and cooking apparatus, except electric, not elsewhere classified.....	1	.....
	Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	1	.....		Oil burners, domestic and industrial.....	1	96
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	2	.....		Safes and vaults.....	4	.....
	Women's neckwear, scarfs, etc.....	3	.....		Saws.....	1	.....
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	2	.....		Steam fittings, regardless of material.....	1	.....
6	Baskets for fruits and vegetables.....	4	47		Steel barrels, kegs, and drums.....	4	25
	Cigar boxes: wooden, part wooden.....	1	.....		Wire drawn from purchased rods.....	3	.....
	Cooperage.....	4	111		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	3	182
				15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	8	213
					Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	1	.....
					Clocks, watches, and materials and parts (except watch-cases).....	1	.....
					Engraving on metal (except for printing purposes).....	1	.....
					Gold and silver leaf and foil.....	1	.....
					Jewelry (precious metals).....	31	.....
					Lapidary work.....	4	.....
					Nonferrous-metal foundries (except aluminum).....	21	150
					Primary smelting and refining of nonferrous metals.....	1	.....
					Secondary smelting and refining, gold, silver, and platinum.....	3	24
					Silverware and plated ware.....	2	.....
					Tin and other foils (except gold and silver foil).....	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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued				LONG BEACH—Continued			
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1	.....	6	Wood preserving.....	1	.....
	Electrical appliances.....	2	.....	8	Bookbinding and related industries.....	2	.....
	Electrical measuring instruments.....	1	.....		Engraving (steel, copperplate, and wood); plate printing.....	2	.....
	Electrical products not elsewhere classified.....	1	.....		Machine and hand typesetting (including advertisement typesetting).....	1	.....
	Electric lamps.....	2	.....		Newspapers: publishing and printing.....	6	111
	Insulated wire and cable.....	1	.....		Newspapers: publishing without printing.....	1	.....
	Wiring devices and supplies.....	3	(6)		Photoengraving, not done in printing establishments (including preparation of plates).....	2	.....
17	Blowers; exhaust and ventilating fans.....	2	.....	9	Chemicals not elsewhere classified.....	1	.....
	Cars and trucks, industrial.....	2	.....		Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2	.....
	Commercial laundry, dry-cleaning, and pressing machinery.....	3	.....		Drugs and medicines (including drug grinding).....	1	.....
	Construction and similar machinery (except mining and oil-field machinery and tools).....	6	.....		Insecticides, fungicides, and related industrial and household chemical compounds.....	1	.....
	Laundry equipment, domestic.....	2	.....		Linseed oil, cake, and meal.....	1	.....
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	3	137		Lubricating oils and greases—not made in petroleum refineries.....	1	.....
	Metalworking machinery and equipment, not elsewhere classified.....	5	.....		Paints, varnishes, and lacquers.....	1	.....
	Mining machinery and equipment.....	3	46		Perfumes, cosmetics, and other toilet preparations.....	1	.....
	Office and store machines not elsewhere classified.....	4	486		Salt.....	1	.....
	Oil-field machinery and tools.....	1	.....		Soap and glycerin.....	1	.....
	Paper-mill, pulp-mill, and paper-products machinery.....	2	.....	12	Leather goods not elsewhere classified.....	1	.....
	Scales and balances.....	1	.....	13	Concrete products.....	3	10
	Special-industry machinery, not elsewhere classified.....	2	.....		Gypsum products.....	1	.....
	Steam engines, turbines, and water wheels.....	1	.....		Mirrors and other glass products made of purchased glass.....	1	.....
	Tractors.....	1	.....		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1	.....
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	30	2,615	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	1	.....
19	Cars and car equipment—railroad, street, and rapid-transit.....	1	.....		Hardware not elsewhere classified.....	2	.....
20	Beauty-shop and barber-shop equipment.....	3	20		Power boilers and associated products.....	2	.....
	Brushes.....	3	36		Steam fittings, regardless of material.....	1	.....
	Carbon paper and inked ribbons.....	1	.....		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	1	.....
	Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1	.....	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1	.....
	Dental equipment and supplies.....	2	.....		Electroplating, plating, and polishing.....	2	.....
	Fabricated plastic products, not elsewhere classified.....	2	.....		Nonferrous-metal foundries (except aluminum).....	1	.....
	Fire extinguishers, chemical.....	2	.....	16	Batteries, storage and primary (dry and wet).....	1	.....
	Furs, dressed and dyed.....	2	.....		Electrical appliances.....	1	.....
	Lamp shades.....	2	.....	17	Cars and trucks, industrial.....	1	.....
	Musical instruments, parts, and materials not elsewhere classified.....	2	.....		Industrial machinery, not elsewhere classified.....	1	.....
	Ophthalmic goods: lenses and fittings.....	2	.....		Pumping equipment and air compressors.....	4	.....
	Optical instruments and lenses.....	2	.....	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	.....
	Organs.....	1	.....	19	Shipbuilding and ship repairing.....	3	87
	Pencils (except mechanical) and crayons.....	1	.....	20	Models and patterns (except paper patterns).....	1	.....
	Pens, mechanical pencils, and pen points.....	1	.....		Photographic apparatus and materials and projection equipment (except lenses).....	1	.....
	Photographic apparatus and materials and projection equipment (except lenses).....	4	15		Professional and scientific instruments (except surgical and dental).....	2	.....
	Soda fountains, beer dispensing equipment, and related products.....	5	17		Signs, advertising displays, and advertising novelties.....	3	13
	Surgical and medical instruments.....	1	.....	LOS ANGELES			
	Wool pulling.....	1	.....	1	Biscuit, crackers, and pretzels.....	13	613
LONG BEACH					Blended and prepared flour made from purchased flour.....	5	12
1	Biscuit, crackers, and pretzels.....	1	.....		Canned fish, crustacea, and mollusks.....	10	.....
	Candy and other confectionery products.....	3	14		Cereal preparations.....	7	24
	Canned and dried fruits and vegetables (including canned soups).....	2	.....		Cheese.....	3	.....
	Canned fish, crustacea, and mollusks.....	2	.....		Condensed and evaporated milk.....	1	.....
	Cooking and other edible fats and oils, not elsewhere classified.....	1	.....		Cured fish.....	3	.....
	Meat packing, wholesale.....	2	.....		Ice, manufactured.....	18	173
	Nonalcoholic beverages.....	2	.....		Liquors, distilled.....	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	3	58		Liquors, rectified or blended.....	4	.....
	Salad dressings.....	1	.....		Macaroni, spaghetti, vermicelli, and noodles.....	15	.....
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	1	.....		Malt liquors.....	6	.....
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	1	.....		Oleomargarine—not made in meat-packing establishments.....	1	.....
4	Canvas products (except bags).....	1	.....		Quick-frozen foods.....	2	.....
	Clothing, leather and sheep-lined.....	1	.....		Salad dressings.....	10	.....
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	.....		Sausage casings—not made in meat-packing establishments.....	1	.....
	Fur coats and other fur garments, accessories, and trimmings.....	1	.....		Special dairy products.....	1	.....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	.....		Vinegar and cider.....	2	.....
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1	.....	2	Cigars.....	6	.....
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	.....		Tobacco (chewing and smoking) and snuff.....	1	.....
6	Mattresses and bedsprings.....	2	.....	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	2	.....
	Venetian blinds.....	2	.....		Cloth sponging and miscellaneous special finishing.....	2	.....
	Wooden boxes except cigar boxes.....	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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
LOS ANGELES—Continued				LOS ANGELES—Continued			
3	Cordage and twine.....	1	-----	13	Asbestos products (except steam packing and pipe and boiler covering).....	2	-----
	Cotton broad woven goods.....	2	-----		Cement.....	1	-----
	Cotton narrow fabrics.....	1	-----		Brick and hollow structural tile.....	1	-----
	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	5	82		Clay products (except pottery) not elsewhere classified.....	1	-----
	Dyeing and finishing woolen and worsted.....	2	-----		Clay refractories, including refractory cement (clay).....	1	-----
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	1	-----		Floor and wall tile (except quarry tile).....	1	-----
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	4	72		Gypsum products.....	2	-----
	Hosiery—full-fashioned.....	2	-----		Lime.....	2	-----
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	-----		Minerals and earths, ground or otherwise treated.....	10	-----
	Rayon narrow fabrics.....	2	-----		Pottery products not elsewhere classified.....	8	441
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	2	-----		Roofing tile.....	2	-----
	Silk narrow fabrics.....	1	-----		Steam and other packing; pipe and boiler covering.....	2	-----
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	5	-----		Tableware, pressed or blown glass, and glassware not elsewhere classified.....	2	-----
4	Belts (apparel), regardless of material.....	12	-----		Whiteware.....	1	-----
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----	14	Automobile stampings.....	1	-----
	Children's coats—made in inside factories or by jobbers engaging contractors.....	2	-----		Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2	-----
	Clothing, leather and sheep-lined.....	5	-----		Cast-iron pipe and fittings.....	2	-----
	Corsets and allied garments.....	16	324		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	2	-----
	Curtains, draperies, and bedspreads—contract factories.....	2	-----		Doors, window sash, frames, molding, and trim (made of metal).....	17	98
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors.....	1	-----		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	1	-----
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	3	-----		Oil burners, domestic and industrial.....	2	-----
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	12	719		Safes and vaults.....	1	-----
	Housefurnishings (except curtains, draperies, and bedspreads).....	25	-----		Saws.....	2	-----
	Robes, lounging garments, and dressing gowns.....	14	-----		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	3	53
	Suspenders, garters, and other goods made from purchased elastic material.....	1	-----		Stamped and pressed metal products (except automobile stampings).....	19	422
	Textile bags—not made in textile mills.....	7	-----		Steam and hot-water heating apparatus (including hot-water furnaces).....	1	-----
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	6	95		Steam fittings, regardless of material.....	6	74
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	4	-----		Steel castings.....	2	-----
	Women's and misses' blouses and waists—made in contract factories.....	3	-----		Tin cans and other tinware not elsewhere classified.....	5	-----
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	61	1,550		Wire drawn from purchased rods.....	1	-----
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	4	-----		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	2	-----
	Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	2	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	3	-----
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	17	-----		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	8	367
	Women's neckwear, scarfs, etc.....	2	-----		Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	1	-----
6	Cigar boxes: wooden, part wooden.....	2	-----		Engraving on metal (except for printing purposes).....	3	-----
	Matches.....	1	-----		Jewelry (precious metals).....	30	159
	Window and door screens and weather strip.....	7	-----		Lapidary work.....	1	-----
	Wood preserving.....	2	34		Primary smelting and refining of nonferrous metals.....	1	-----
7	Coated and glazed paper.....	2	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Converted paper products not elsewhere classified.....	12	242		Silverware and plated ware.....	3	-----
	Die-cut paper and paperboard, and converted cardboard.....	3	26	16	Automotive electrical equipment.....	2	-----
	Fiber cans, tubes, and similar products.....	1	-----		Communication equipment.....	10	-----
	Paper and paperboard mills.....	1	-----		Electrical appliances.....	3	-----
8	Books: publishing and printing.....	9	-----		Electrical measuring instruments.....	2	-----
	Books: publishing without printing.....	10	-----		Insulated wire and cable.....	4	-----
	Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	2	-----		Wiring devices and supplies.....	2	-----
	Greeting cards (except hand-painted).....	4	-----		X-ray and therapeutic apparatus and electronic tubes.....	12	60
9	Bone black, carbon black, and lampblack.....	1	-----	17	Agricultural machinery (except tractors).....	1	-----
	Chemicals not elsewhere classified.....	5	250		Blowers; exhaust and ventilating fans.....	3	-----
	Cottonseed oil, cake, meal, and linters.....	1	-----		Commercial laundry, dry-cleaning, and pressing machinery.....	1	-----
	Grease and tallow (except lubricating greases).....	1	-----		Internal-combustion engines.....	2	-----
	Hardwood distillation and charcoal manufacture.....	1	-----		Machine tools.....	1	-----
	Perfumes, cosmetics, and other toilet preparations.....	21	195		Measuring and dispensing pumps.....	2	-----
	Vegetable and animal oils, not elsewhere classified.....	3	-----		Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	4	122
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	5	99		Mechanical power-transmission equipment.....	5	-----
11	Tires and inner tubes.....	1	-----		Metalworking machinery and equipment, not elsewhere classified.....	1	-----
12	Boot and shoe cut stock and findings.....	3	-----		Mining machinery and equipment.....	2	-----
	Footwear (except rubber).....	10	472		Office and store machines not elsewhere classified.....	3	-----
	Leather goods not elsewhere classified.....	3	-----		Printing-trades machinery and equipment.....	10	-----
	Leather; tanned, curried and finished—contract factories.....	1	-----		Special-industry machinery, not elsewhere classified.....	6	-----
	Small leather goods.....	4	-----		Tractors.....	1	-----
	Women's pocketbooks, handbags, and purses.....	1	-----		Vending, amusement, and other coin-operated machines.....	3	-----
		1	-----		Woodworking machinery.....	2	-----
				18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	30	1,023
				19	Boat building and boat repairing.....	1	-----
					Cars and car equipment—railroad, street, and rapid-transit.....	1	-----
					Motorcycles, bicycles, and parts.....	1	-----
					Shipbuilding and ship repairing.....	0	663
				20	Artists' materials.....	1	-----
					Beauty-shop and barber-shop equipment.....	2	-----
					Brushes.....	4	-----

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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
LOS ANGELES—Continued				CITY OF OAKLAND—Continued			
20	Carbon paper and inked ribbons.....	5	-----	8	Engraving (steel, copperplate, and wood); plate printing.....	2	-----
	Costume jewelry and costume novelties (jewelry other than fine jewelry).....	4	-----		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	4	-----
	Dental equipment and supplies.....	2	-----		Newspapers: publishing and printing.....	7	341
	Dolls (except rubber).....	1	-----		Newspapers: publishing without printing.....	1	-----
	Fabricated plastic products, not elsewhere classified.....	22	-----		Periodicals: publishing without printing.....	1	-----
	Fire extinguishers, chemical.....	1	-----		Photoengraving, not done in printing establishments (including preparation of plates).....	3	-----
	Furs, dressed and dyed.....	5	-----	9	Chemicals not elsewhere classified.....	2	-----
	Games and toys (except dolls and children's vehicles).....	12	-----		Cleaning and polishing preparations, blackings, and dressings.....	5	20
	Jewelry cases and instrument cases.....	2	-----		Colors and pigments.....	1	-----
	Lamp shades.....	3	-----		Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	3	20
	Musical instruments, parts, and materials not elsewhere classified.....	5	-----		Drugs and medicines (including drug grinding).....	1	-----
	Needles, pins, books and eyes, and slide and snap fasteners.....	3	30		Fertilizers.....	1	-----
	Optical instruments and lenses.....	2	-----		Fish and other marine oils, cake, and meal.....	1	-----
	Organs.....	1	-----		Glue and gelatin.....	1	-----
	Pencils (except mechanical) and crayons.....	1	-----		Insecticides, fungicides, and related industrial and household chemical compounds.....	3	13
	Pens, mechanical pencils, and pen points.....	1	-----		Lubricating oils and greases—not made in petroleum refineries.....	4	6
	Soda fountains, beer dispensing equipment, and related products.....	3	34		Perfumes, cosmetics, and other toilet preparations.....	1	-----
CITY OF OAKLAND					Printing ink.....	1	-----
1	Baking powder, yeast, and other leavening compounds.....	2	-----		Soap and glycerin.....	1	-----
	Biscuit, crackers, and pretzels.....	2	-----		Vegetable and animal oils, not elsewhere classified.....	3	-----
	Cereal preparations.....	2	-----	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	-----
	Cheese.....	1	-----		Rubber products not elsewhere classified.....	2	-----
	Creamery butter.....	2	-----		Tires and inner tubes.....	1	-----
	Macaroni, spaghetti, vermicelli, and noodles.....	3	-----	11	Footwear (except rubber).....	1	-----
	Malt liquors.....	1	-----		Industrial leather belting and packing leather.....	1	-----
	Meat packing, wholesale.....	1	-----		Saddlery, harness, and whips.....	1	-----
	Nonalcoholic beverages.....	9	52	12	Asbestos products (except steam packing and pipe and boiler covering).....	1	-----
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	3	22		Glass containers.....	2	-----
	Prepared feeds (including mineral) for animals and fowls.....	5	249		Mirrors and other glass products made of purchased glass.....	5	29
	Preserves, jams, jellies, and fruit butters.....	1	-----		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1	-----
	Salad dressings.....	3	11		Statuary and art goods (except stone and concrete)—factory production.....	1	-----
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	8	45		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	-----
2	Cigars.....	1	-----	14	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).....	3	-----
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	-----		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	1	-----
	Cloth sponging and miscellaneous special finishing.....	1	-----		Enameling, japanning, and lacquering.....	1	-----
	Cotton broad woven goods.....	1	-----		Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills.....	7	244
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1	-----		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	2	-----
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	-----		Galvanizing and other coating, carried on in plants not operated in connection with rolling mills.....	1	-----
4	Canvas products (except bags).....	1	-----		Hardware not elsewhere classified.....	2	-----
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	1	-----
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	1	-----		Stamped and pressed metal products (except automobile stampings).....	4	34
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	2	-----		Steel castings.....	2	-----
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	-----		Tin cans and other tinware not elsewhere classified.....	2	-----
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	-----		Tools (except edge tools, machine tools, files, and saws).....	2	-----
	Men's and boys' hats and caps (except felt and straw).....	2	-----		Wirework not elsewhere classified.....	4	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Miscellaneous fabricated textile products not elsewhere classified.....	1	-----		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	2	-----
	Textile bags—not made in textile mills.....	1	-----		Clocks, watches, and materials and parts (except watchcases).....	1	-----
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	2	-----		Engraving on metal (except for printing purposes).....	1	-----
6	Baskets for fruits and vegetables.....	1	-----		Gold and silver leaf and foil.....	1	-----
	Cigar boxes: wooden, part wooden.....	2	-----		Jewelry (precious metals).....	1	-----
	Mattresses and bedsprings.....	2	-----		Nonferrous-metal products not elsewhere classified.....	3	-----
	Mirror frames and picture frames.....	1	-----		Sheet-metal work not specifically classified.....	12	70
	Upholstered household furniture.....	4	-----	16	Batteries, storage and primary (dry and wet).....	3	131
	Venetian blinds.....	3	-----		Communication equipment.....	4	-----
	Window and door screens and weather strip.....	1	-----		Electrical measuring instruments.....	1	-----
	Window shades.....	1	-----		Electric lamps.....	1	-----
	Wooden boxes except cigar boxes.....	1	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	121
	Wood preserving.....	1	-----		Insulated wire and cable.....	1	-----
	Wood products not elsewhere classified.....	3	-----		Radios, radio tubes, and phonographs.....	1	-----
7	Paper board containers and boxes not elsewhere classified.....	7	-----				
8	Bookbinding and related industries.....	2	-----				
	Books: printing without publishing.....	2	-----				
	Electrotyping and stereotyping, not done in printing establishments.....	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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
CITY OF OAKLAND—Continued				CITY OF SACRAMENTO—Continued			
17	Construction and similar machinery (except mining and oil-field machinery and tools)	2		16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Food-products machinery	3	7				
	Industrial machinery, not elsewhere classified	2		17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Internal-combustion engines	4					
	Machine-shop repairs	3	41	18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1					
	Mechanical power-transmission equipment	2		20	Hand stamps, stencils, and brands	1	
	Mining machinery and equipment	1			Signs, advertising displays, and advertising novelties	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1			Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	1,525	CITY OF SAN DIEGO			
19	Shipbuilding and ship repairing	5	1,693	1	Candy and other confectionery products	5	46
20	Feathers, plumes, and artificial flowers	1			Canned and dried fruits and vegetables (including canned soups)	3	138
	Games and toys (except dolls and children's vehicles)	2			Flour and other grain-mill products	1	
	Lamp shades	1			Food preparations, not elsewhere classified	3	18
	Miscellaneous fabricated products not elsewhere classified	2			Ice, manufactured	4	26
	Pencils (except mechanical) and crayons	1			Macaroni, spaghetti, vermicelli, and noodles	1	
	Signs, advertising displays, and advertising novelties	6	118		Malt liquors	2	
	Sporting and athletic goods not elsewhere classified	2			Meat-packing, wholesale	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2			Pickled fruits and vegetables and vegetable sauces and seasonings	1	
CITY OF SACRAMENTO					Prepared feeds (including mineral) for animals and fowls	2	
1	Biscuit, crackers, and pretzels	1			Preserves, jams, jellies, and fruit butters	1	
	Canned and dried fruits and vegetables (including canned soups)	4	1,553		Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Cheese	1		4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Condensed and evaporated milk	1			Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Creamery butter	2			Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Flour and other grain-mill products	2			Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Macaroni, spaghetti, vermicelli, and noodles	1			Miscellaneous fabricated textile products not elsewhere classified	1	
	Malt	2		5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
	Malt liquors	1		6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2			Household furniture, except upholstered	2	
	Salad dressings	1			Laboratory, hospital, and other professional furniture	1	
4	Canvas products (except bags)	1			Mattresses and bedsprings	1	
	Textile bags—not made in textile mills	1			Partitions, shelving, cabinet work, and office and store fixtures	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2			Upholstered household furniture	1	
	Household furniture, except upholstered	1			Venetian blinds	1	
	Mattresses and bedsprings	3	19		Window and door screens and weather strip	1	
	Window shades	3			Wooden boxes except cigar boxes	1	
	Wooden boxes except cigar boxes	2			Wood preserving	1	
7	Paperboard containers and boxes not elsewhere classified	1			Wood products not elsewhere classified	1	
8	Electrotyping and stereotyping, not done in printing establishments	1		7	Paperboard containers and boxes not elsewhere classified	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1		8	Books: printing without publishing	1	
	Machine and hand typesetting (including advertisement typesetting)	1			Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	4	160		Newspapers: publishing and printing	7	240
	Periodicals: publishing and printing	2			Newspapers: publishing without printing	1	
	Periodicals: publishing without printing	2			Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2			Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2		9	Cleaning and polishing preparations, blackings, and dressings	1	
	Paints, varnishes, and lacquers	1			Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
12	Saddlery, harness, and whips	1			Drugs and medicines (including drug grinding)	2	
13	Clay products (except pottery) not elsewhere classified	1			Fish and other marine oils, cake, and meal	1	
	Concrete products	1			Paints, varnishes, and lacquers	1	
	Mirrors and other glass products made of purchased glass	1			Soap and glycerin	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2		11	Rubber products not elsewhere classified	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1		13	Brick and hollow structural tile	2	
	Gray-iron and semisteel castings	2			Mirrors and other glass products made of purchased glass	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1			Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	99
	Tin cans and other tinware not elsewhere classified	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	Tools (except edge tools, machine tools, files, and saws)	1					
	Wirework not elsewhere classified	1					
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1					
15	Nonferrous-metal foundries (except aluminum)	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 LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
CITY OF SAN DIEGO—Continued				CITY OF SAN FRANCISCO—Continued			
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills.....	2		4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	7	
	Gray-iron and semisteel castings.....	1			Miscellaneous fabricated textile products not elsewhere classified.....	5	50
	Heating and cooking apparatus, except electric, not elsewhere classified.....	1			Robes, lounging garments, and dressing gowns.....	2	
15	Electroplating, plating, and polishing.....	2			Suspenders, earliers, and other goods made from purchased elastic material.....	1	
	Jewelry (precious metals).....	1			Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	2	
	Nonferrous-metal foundries (except aluminum).....	1			Trousers (semidress), wash suits, and washable service apparel.....	8	
16	Batteries, storage and primary (dry and wet).....	2			Women's and misses' blouses and waists—made in contract factories.....	2	
17	Machine-shop products, not elsewhere classified.....	2			Women's and misses' clothing, not elsewhere classified—made in contract factories.....	1	
18	Automobile trailers (for attachment to passenger cars).....	1			Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	2	
19	Aircraft and parts, including aircraft engines.....	3			Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	22	
	Boat building and boat repairing.....	2			Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	1	
	Shipbuilding and ship repairing.....	4	162		Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	1	
20	Brooms.....	1			Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	2	
	Dental equipment and supplies.....	1			Women's neckwear, scarfs, etc.....	3	
	Hand stamps, stencils, and brands.....	2					
	Miscellaneous fabricated products not elsewhere classified.....	2					
CITY OF SAN FRANCISCO							
1	Baking powder, yeast, and other leavening compounds.....	3			Baskets for fruits and vegetables.....	1	
	Biscuit, crackers, and pretzels.....	8	278		Cooperage.....	4	111
	Blended and prepared flour made from purchased flour.....	2			Laboratory, hospital, and other professional furniture.....	1	
	Candy and other confectionery products.....	40	1, 127		Office furniture.....	2	
	Cane-sugar refining.....	1			Window shades.....	7	
	Canned fish, crustacea, and mollusks.....	1					
	Cheese.....	1		7	Coated and glazed paper.....	1	
	Chewing gum.....	1			Die-cut paper and paperboard, and converted cardboard.....	5	85
	Condensed and evaporated milk.....	1					
	Cooking and other edible fats and oils, not elsewhere classified.....	1		8	Bookbinding and related industries.....	21	214
	Custom slaughtering, wholesale.....	1			Books: publishing and printing.....	4	
	Flour and other grain-mill products.....	2			Books: publishing without printing.....	7	1
	Malt liquors.....	8			Gravure, rotogravure, and rotary photogravure (including preparation of plates).....	1	
	Oleomargarine—not made in meat-packing establishments.....	2			Greeting cards (except hand-painted).....	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	1		9	Candles.....	2	
	Prepared feeds (including mineral) for animals and fowls.....	5	31		Chemicals not elsewhere classified.....	6	100
	Quick-frozen foods.....	1			Fertilizers.....	2	
	Rice cleaning and polishing.....	2			Fish and other marine oils, cake, and meal.....	2	
	Salad dressings.....	2			Glue and gelatin.....	4	21
	Sausage casings—not made in meat-packing establishments.....	4			Grease and tallow (except lubricating greases).....	4	
	Special dairy products.....	2			Linseed oil, cake, and meal.....	1	
	Vinegar and cider.....	1			Lubricating oils and greases—not made in petroleum refineries.....	1	
	Wines.....	1			Perfumes, cosmetics, and other toilet preparations.....	11	
2	Cigarettes.....	1			Printing ink.....	4	14
	Cigars.....	8			Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	
	Tobacco (chewing and smoking) and snuff.....	3		10	Petroleum refining.....	1	
3	Battling, padding, and wadding; upholstery filling.....	3			Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1		12	Boot and shoe cut stock and findings.....	3	
	Cloth sponging and miscellaneous special finishing.....	2			Footwear (except rubber).....	3	
	Cordage and twine.....	2			Industrial leather belting and packing leather.....	3	
	Dyeing and finishing woolen and worsted.....	2			Leather goods not elsewhere classified.....	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	3			Saddlery, harness, and whips.....	2	
	Knitted underwear.....	1			Women's pocketbooks, handbags, and purses.....	4	
	Woolen and worsted manufactures—contract factories.....	2		13	Abrasive wheels, stones, paper, cloth, and related products.....	1	
4	Canvas products (except bags).....	5			Asbestos products (except steam packing and pipe and boiler covering).....	1	
	Children's coats—made in inside factories or by jobbers engaging contractors.....	2			China firing and decorating (for the trade).....	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors.....	1			Minerals and earths, ground or otherwise treated.....	1	
	Clothing, leather and sheep-lined.....	3	150		Statuary and art goods (except stone and concrete)—factory production.....	6	
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	5	
	Curtains, draperies, and bedspreads—contract factories.....	5		14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	3	
	Embroideries, other than Schmitt-machine products—contract factories.....	1			Doors, window sash, frames, molding, and trim (made of metal).....	9	289
	Embroideries, other than Schmitt-machine products—made in regular factories or by jobbers engaging contractors.....	1			Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	2			Enameling, japanning, and lacquering.....	5	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	7			Firearms.....	2	
	Housefurnishings (except curtains, draperies, and bedspreads).....	4					
	Men's and boys' hats and caps (except felt and straw).....	4					

See footnote at end of table.

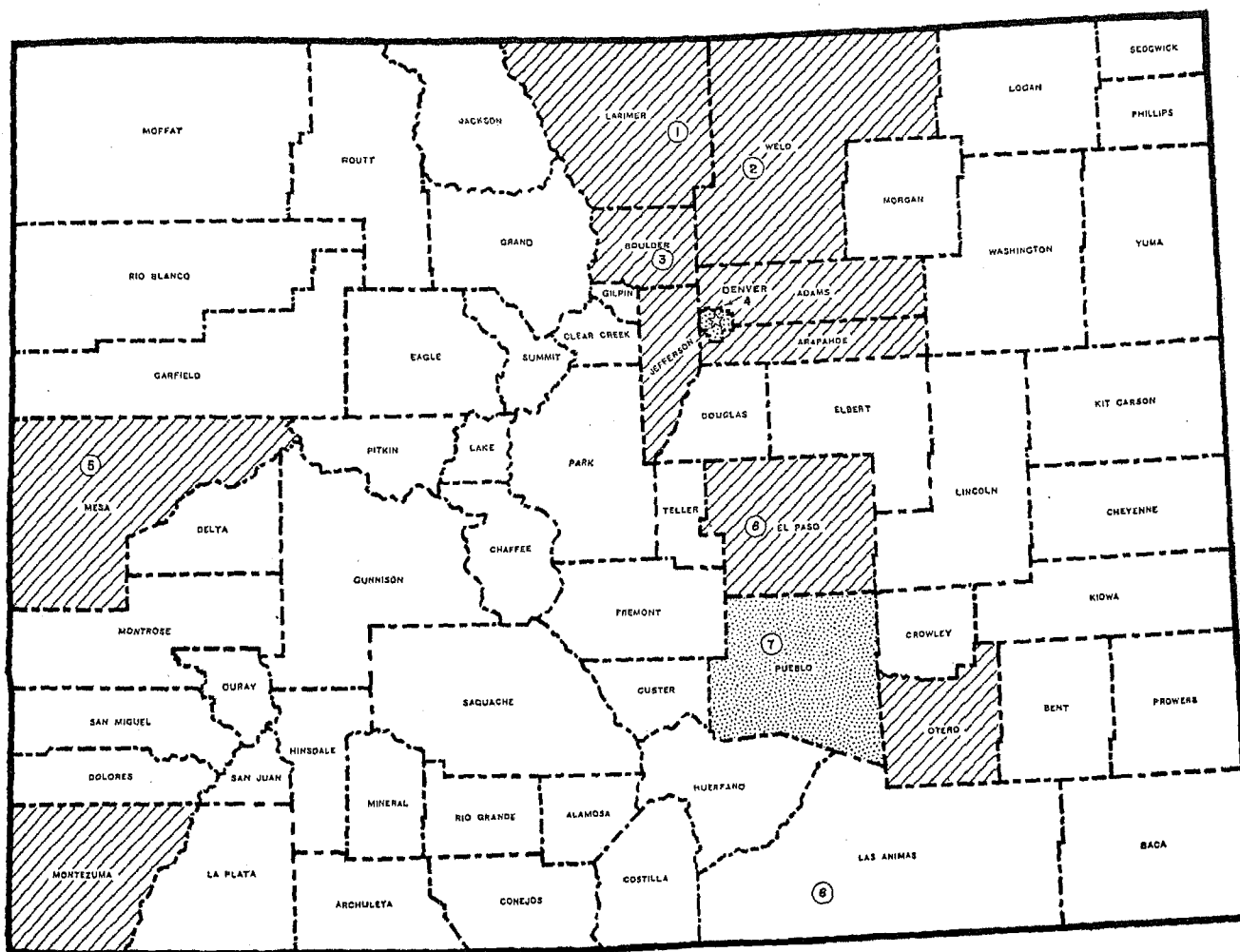
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
CITY OF SAN FRANCISCO—Continued				CITY OF SAN FRANCISCO—Continued			
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2		17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4			Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Hardware not elsewhere classified	5	277		Industrial machinery, not elsewhere classified	5	26
	Heating and cooking apparatus, except electric, not elsewhere classified	1			Internal-combustion engines	1	
	Oil burners, domestic and industrial	3			Laundry equipment, domestic	1	
	Safes and vaults	1			Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Saws	1			Mechanical power-transmission equipment	5	125
	Screw-machine products and wood screws	4			Metalworking machinery and equipment, not elsewhere classified	3	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3			Mining machinery and equipment	2	
	Stamped and pressed metal products (except automobile stampings)	8	207		Office and store machines not elsewhere classified	1	
	Steam fittings, regardless of material	2			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	6	
	Steel barrels, kegs, and drums	1			Steam engines, turbines, and water wheels	1	
	Steel works and rolling mills	1			Tractors	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	150	19	Boat building and boat repairing	2	
	Tin cans and other tinware not elsewhere classified	5	970				
	Tools (except edge tools, machine tools, files, and saws)	3	15	20	Beauty-shop and barber-shop equipment	3	20
	Wirework not elsewhere classified	7	124		Brushes	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1			Carbon paper and inked ribbons	1	
15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	6			Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1			Dental equipment and supplies	1	
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1			Fabricated plastic products, not elsewhere classified	1	
	Lapidary work	4			Feathers, plumes, and artificial flowers	2	
	Secondary smelting and refining, gold, silver, and platinum	2			Fire extinguishers, chemical	2	
	Silverware and plated ware	2			Furs, dressed and dyed	2	
	Tin and other foils (except gold and silver foil)	1			Games and toys (except dolls and children's vehicles)	2	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1			Lamp shades	1	
	Electrical appliances	2			Musical instruments, parts, and materials not elsewhere classified	2	
	Electrical appliances	1			Ophthalmic goods: lenses and fittings	2	
	Wiring devices and supplies	2			Optical instruments and lenses	1	
17	Agricultural machinery (except tractors)	2			Organs	1	
	Blowers; exhaust and ventilating fans	1			Photographic apparatus and materials and projection equipment (except lenses)	4	15
	Cars and trucks, industrial	2			Professional and scientific instruments (except surgical and dental)	2	
					Signs, advertising displays, and advertising novelties	22	146
					Soda fountains, beer dispensing equipment, and related products	5	17
					Sporting and athletic goods not elsewhere classified	5	
					Surgical and medical instruments	1	

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

COLORADO

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BOULDER	3
COLORADO SPRINGS	6
DENVER	4
FORT COLLINS	1
GRAND JUNCTION	5
GREELEY	2
PUEBLO	7
TRINIDAD	8

- 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

COLORADO

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	1,298	921	27,896	\$37,503,264	\$130,386,505	\$221,642,666	\$91,256,161
1937	1,233	740	31,129	42,052,535	145,735,123	237,838,370	92,103,247
1929	1,495	866	33,723	48,759,330	175,113,774	280,732,906	111,619,222

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 ^{2,3}	Value of products ^{2,3}	Value added by manufacture ⁴
The State	1,123,296	1,298	23,719	\$28,391,933	\$130,386,505	\$221,642,666	\$91,256,161
COUNTIES ¹							
Adams	22,481	22	484	569,541	8,169,727	11,650,138	3,486,411
Alamosa	10,484	9	37	44,735	331,162	505,076	174,514
Arapahoe	32,150	16	358	556,175	683,565	1,752,822	1,069,257
Archuleta	3,866	6	47	34,690	40,411	106,308	66,897
Baca	6,207	1					
Bent	9,653	9	78				
Boulder	37,438	32	433	448,643	2,217,332	3,703,989	1,546,657
Chaffee	8,109	7	43				
Cheyenne	2,964						
Clear Creek	3,784	5	13	10,368	19,153	47,605	28,452
Conchos	11,648	7	24	17,972	154,835	255,896	101,061
Costilla	7,533	1					
Crowley	5,398	5	127				
Custer	2,270	1					
Delta	16,470	16	181	172,628	931,200	1,310,148	387,948
Denver (coextensive with city of Denver)	322,412	620	11,477	13,435,820	50,036,069	107,715,060	48,678,991
Dolores	1,958	3	18	7,380	6,500	23,580	17,080
Douglas	3,496	6	128				
Eagle	5,361	7	31	51,875	37,689	146,426	108,737
Elbert	5,460						
El Paso	54,025	62	421	497,615	1,584,309	3,163,302	1,578,993
Fremont	19,742	16	189	238,410	680,033	1,075,588	985,525
Garfield	10,560	9	36	30,645	85,919	176,905	90,986
Gilpin	1,625	2					
Grand	3,587	9	53	57,083	23,705	128,273	104,568
Gunnison	6,192	4	46	41,372	53,013	161,117	108,104
Hinsdale	349						
Huerfano	16,088	7	29	22,128	88,507	164,948	76,441
Jackson	1,798	3	96				
Jefferson	30,725	15	378	447,067	1,520,910	3,542,687	2,015,777
Kiowa	2,793	1					
Kit Carson	7,512	1					
Lake	6,883						
La Plata	15,494	21	198				
Larimer	35,539	47	681	108,720	553,055	932,401	370,346
Las Animas	32,369	28	205	714,149	3,887,322	6,911,092	3,023,770
Lincoln	5,882	2		185,277	1,608,066	2,393,107	785,041
Logan	18,370	12	181				
Mesa	33,791	32	266	217,690	1,289,708	2,013,387	723,619
Mineral	975	2		229,552	908,828	1,596,285	687,457
Moffat	5,086	3	43				
Montezuma	10,463	6	254				
Montrose	15,418	16	68	206,592	230,021	522,195	292,174
Morgan	17,214	18	230	62,044	267,569	467,640	200,131
Otero	23,571	27	448	260,701	2,012,507	2,716,892	704,385
Ouray	2,089	2		418,994	2,435,135	3,532,481	1,099,346
Park	3,272	5	18				
Phillips	4,948	3	6	12,048	2,742	20,113	17,371
Pitkin	1,836	1					
Proter	12,304	16	174				
				123,926	731,810	1,142,215	410,405

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 manufacture ⁵
COUNTIES ⁶ —continued							
Pueblo.....	68,870	72	5,019	\$7,171,543	\$25,481,728	\$41,212,184	\$15,730,450
Rio Blanco ⁶	2,943	4	6				
Rio Grande.....	12,404	7	53	58,240	267,310	442,761	175,451
Routt.....	10,525	9	35	32,124	51,298	123,100	76,802
Saguache ⁶	6,173	3	4				
San Juan ⁶	1,439	1					
San Miguel ⁶	3,664	1					
Sedgwick ⁶	5,294	3	124				
Summit ⁷	1,754						
Teller ⁶	6,463	2					
Washington ⁶	8,336	2					
Weld.....	63,747	41	761	846,950	5,010,909	7,870,136	2,850,227
Yuma.....	12,102	7	14	12,082	30,899	64,974	34,075
Undistributed ⁸		69	915	1,056,554	9,949,529	13,371,235	3,421,706
PLACES HAVING 10,000 OR MORE INHABITANTS							
Boulder.....	12,958	16	125	135,457	277,062	697,041	419,979
Colorado Springs.....	36,789	52	379	447,485	1,507,518	2,950,576	1,452,058
Denver (coextensive with Denver County).....	322,412	620	11,477	13,435,820	59,036,069	107,715,060	48,678,901
Fort Collins.....	12,261	14	88	88,302	406,376	724,471	318,095
Grand Junction.....	12,479	19	117	132,085	462,430	917,314	454,884
Greeley ⁹	15,095	21	162				
Pueblo ⁹	52,102	57	503				
Trinidad.....	13,223	20	115	130,411	1,145,757	1,791,657	645,900

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 10.

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.

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	38,580	33,650	Salaried officers and employees—Continued.		
Male.....	33,119	29,163	All other employees, etc.—Continued.		
Female.....	5,461	4,487	Engaged in manufacturing:		
Salaried officers and employees, total.....	8,971	5,720	Male.....	2,686	
Male.....	7,104	4,344	Female.....	858	
Female.....	1,867	1,376	Engaged in distribution:		
Salaried officers of corporations, total.....	633	837	Male.....	3,174	
Male.....	574	784	Female.....	933	(³)
Female.....	59	53	Engaged in construction:		
All other employees (except wage earners in manufacturing), total.....	8,338	4,883	Male.....	498	
Male.....	6,530	3,560	Engaged in other work:		
Female.....	1,808	1,323	Male.....	174	
			Female.....	17	
			Wage earners engaged in manufacturing, total.....	29,609	27,930
			Male.....	26,015	24,819
			Female.....	3,594	3,111

¹ See headnote.

² Figures do not include data for 921 proprietors and firm members for 1939 and 566 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.....	23,719	19,754	20,019	20,688	21,376	22,400	23,356	24,183	23,841	25,820	29,506	28,305	25,295
1937.....	25,932	22,909	22,655	23,454	24,554	25,357	26,333	27,645	27,832	28,640	30,653	28,001	23,141
1929.....	28,003	24,601	24,552	25,128	26,162	26,859	27,759	28,319	29,014	29,004	32,654	31,207	30,617

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.....	1,298	1,405	23,719	28,003	\$221,642,666	\$201,256,161
No wage earners.....	47	65				
1 to 5.....	698	832	1,889	2,118	521,741	270,540
6 to 20.....	350	369	3,737	4,041	15,319,109	7,253,020
21 to 50.....	128	122	4,079	3,785	30,058,748	13,225,442
51 to 100.....	54	56	3,879	3,835	38,813,527	15,040,992
101 to 250.....	22	41			31,398,981	14,287,752
251 to 500.....	7	7	3,550	6,092	39,956,491	11,829,445
501 to 1,000.....	1					
1,001 to 2,500.....	1					
2,501 or more.....	1	3	6,585	8,132	65,574,069	28,442,670

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.....	1,298	1,405	23,719	28,003	\$221,642,606	\$286,732,996	\$91,256,161	\$111,619,222
\$5,000 to \$19,999.....	559	638	1,542	1,492	6,257,708	7,174,915	3,657,302	4,593,518
\$20,000 to \$49,999.....	286	355	1,807	2,007	8,967,581	10,955,046	4,808,684	6,411,456
\$50,000 to \$99,999.....	184	182	1,560	1,960	10,898,365	12,701,912	5,395,625	6,616,737
\$100,000 to \$249,999.....	156	154	3,506	3,861	24,121,467	24,388,160	11,416,591	12,324,401
\$250,000 to \$499,999.....	73	77	3,324	3,323	25,798,245	27,658,851	12,362,362	11,934,753
\$500,000 to \$999,999.....	31	37	2,361	2,456	22,784,614	25,044,095	9,064,681	9,007,809
\$1,000,000 to \$2,499,999.....	29	36	3,065	4,221	43,181,695	55,478,187	15,987,945	20,372,769
\$2,500,000 to \$4,999,999.....	4	7	1,050	1,423	16,963,755	25,350,355	5,374,947	8,314,476
\$5,000,000 and over.....	6	9	5,514	7,261	62,669,236	97,320,875	23,188,024	32,043,293

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.....	1,298	1,405	23,719	28,003	\$221,642,666	\$286,732,996	\$91,256,161	\$111,619,222
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	241	(⁴)	12,780	(⁴)	134,475,916	(⁴)	46,987,000	(⁴)
Independent (single-unit).....	390	(⁴)	7,682	(⁴)	63,730,126	(⁴)	34,248,527	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	37	(⁴)	432	(⁴)	5,313,987	(⁴)	1,383,367	(⁴)
Independent (single-unit).....	630	(⁴)	2,825	(⁴)	18,122,637	(⁴)	8,636,667	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	278	211	13,212	13,617	139,789,903	183,552,937	48,370,967	62,411,814
Independent (single-unit), corporate and noncorporate.....	1,020	1,284	10,507	14,386	81,852,763	103,180,059	42,885,194	49,207,408
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	631	760	20,462	24,669	198,206,042	266,213,736	81,236,127	101,488,236
Noncorporate, total.....	667	735	3,257	3,334	23,436,624	20,519,260	10,020,034	10,130,986
Individual.....	446	(⁴)	1,809	(⁴)	10,161,311	(⁴)	5,075,212	(⁴)
Partnership.....	208	(⁴)	1,386	(⁴)	12,451,931	(⁴)	4,675,523	(⁴)
Cooperative.....	10	(⁴)	45	(⁴)	572,873	(⁴)	161,627	(⁴)
Other.....	3	(⁴)	14	(⁴)	250,509	(⁴)	107,772	(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

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) ²			
1	All industries, total.....	1,298	921	32,690	633	3,544	23,719	4,107	496	191
2	1 Beet sugar.....	17	3	2,198	3	347	1,730	—	49	69
3	1 Biscuit, crackers, and pretzels.....	3	1	473	6	26	372	68	—	1
4	8 Bookbinding and related industries.....	7	8	59	4	4	49	2	—	—
5	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	152	164	1,821	24	122	1,439	218	—	18
6	13 Brick and hollow structural tile.....	28	5	534	22	36	400	63	13	—
7	20 Brooms.....	4	4	112	3	3	98	3	—	—
8	1 Candy and other confectionery products.....	18	13	320	5	20	246	49	—	—
9	1 Canned and dried fruits and vegetables (including canned soups).....	18	7	569	9	44	510	1	2	3
10	4 Canvas products (except bags).....	4	—	84	6	6	50	21	—	1
11	6 Caskets, coffins, burial cases, and other morticians' goods.....	8	2	84	8	10	55	10	—	1
12	1 Cheese.....	11	5	39	2	3	28	4	—	2
13	9 Chemicals not elsewhere classified.....	3	—	78	2	6	69	—	1	—
14	13 Clay refractories, including refractory cement (clay).....	4	—	242	3	19	220	—	—	—
15	9 Cleaning and polishing preparations, blackings, and dressings.....	4	4	26	1	—	5	20	—	—
16	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	3	68	3	11	34	20	—	—
17	13 Concrete products.....	11	5	119	6	8	100	5	—	—
18	1 Condensed and evaporated milk.....	6	2	88	—	7	76	5	—	—
19	1 Creamery butter.....	49	27	598	23	93	310	164	—	8
20	20 Dental equipment and supplies.....	4	1	54	—	5	40	9	—	—
21	9 Drugs and medicines (including drug grinding).....	13	3	108	15	14	59	19	1	—
22	8 Engraving (steel, copperplate, and wood); plate printing.....	3	3	38	1	7	27	3	—	—
23	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	11	3	302	13	33	225	28	3	—
24	1 Flavoring extracts and flavoring sirups, not elsewhere classified.....	5	2	19	3	2	8	6	—	—
25	1 Flour and other grain-mill products.....	38	22	611	8	96	424	70	8	5
26	1 Food preparations, not elsewhere classified.....	17	13	189	5	15	145	33	—	1
27	8 General commercial (job) printing.....	79	66	802	34	87	606	75	—	—
28	14 Gray-iron and semisteel castings.....	14	10	459	5	36	414	4	—	—
29	9 Grease and tallow (except lubricating greases).....	6	—	78	9	7	62	—	—	—
30	4 Housefurnishings (except curtains, draperies, and bedspreads).....	5	6	238	1	8	122	107	—	—
31	6 Household furniture, except upholstered.....	3	2	46	1	—	41	4	—	—
32	1 Ice cream and ices.....	37	26	338	11	41	168	111	1	6
33	1 Ice, manufactured.....	21	2	371	16	17	141	187	2	8
34	17 Industrial machinery, not elsewhere classified.....	3	—	814	3	155	584	12	17	43
35	9 Insecticides, fungicides, and related industrial and household chemical compounds.....	5	—	39	6	2	11	20	—	—
36	15 Jewelry (precious metals).....	5	6	50	—	4	44	2	—	—
37	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	5	2	93	1	10	72	10	—	—
38	5 Logging camps and logging contractors (not operating sawmills).....	3	2	20	—	1	17	2	—	—
39	9 Lubricating oils and greases—not made in petroleum refineries.....	6	5	26	—	3	12	8	—	—
40	1 Macaroni, spaghetti, vermicelli, and noodles.....	3	2	88	2	8	67	9	—	—
41	8 Machine and hand typesetting (including advertisement typesetting).....	6	4	25	2	1	21	1	—	—
42	17 Machine-shop products, not elsewhere classified.....	16	6	139	16	16	102	5	—	—
43	17 Machine-shop repairs.....	18	22	91	6	9	76	—	—	—
44	1 Malt liquors.....	4	—	357	6	39	204	104	—	4
45	6 Mattresses and bedsprings.....	8	5	174	8	13	135	17	—	1
46	1 Meat packing, wholesale.....	26	28	2,356	16	353	1,477	501	5	4
47	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	3	—	178	5	5	161	5	—	2
48	13 Minerals and earths, ground or otherwise treated.....	3	1	43	2	1	32	6	—	—
49	17 Mining machinery and equipment.....	5	1	161	6	11	112	32	2	—
50	20 Miscellaneous fabricated products not elsewhere classified.....	4	4	46	3	3	38	2	—	—
51	4 Miscellaneous fabricated textile products not elsewhere classified.....	3	2	63	1	9	47	1	5	—
52	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	10	6	101	5	11	79	6	—	—
53	18 Motor vehicles, motor-vehicle bodies, parts and accessories.....	8	6	167	6	23	129	9	—	—
54	8 Newspapers: publishing and printing.....	101	98	1,742	50	475	912	301	—	4
55	8 Newspapers: publishing without printing.....	4	2	23	1	18	—	4	—	—
56	1 Nonalcoholic beverages.....	41	43	386	25	34	174	153	—	—
57	15 Nonferrous metal foundries (except aluminum).....	6	4	134	1	14	110	—	—	—
58	9 Paints, varnishes, and lacquers.....	5	—	112	2	8	71	31	—	—
59	7 Paperboard containers and boxes not elsewhere classified.....	7	1	166	8	20	121	15	2	—
60	6 Partitions, shelving, cabinet work, and office and store fixtures.....	7	7	65	3	2	56	4	—	—
61	8 Periodicals: publishing and printing.....	6	1	172	8	49	94	21	—	—
62	8 Periodicals: publishing without printing.....	14	9	33	1	19	4	9	—	—
63	10 Petroleum refining.....	7	1	225	4	32	142	11	36	—
64	8 Photoengraving, not done in printing establishments (including preparation of plates).....	5	8	57	3	12	42	—	—	—
65	1 Pickled fruits and vegetables and vegetable sauces and seasonings.....	7	8	214	4	10	179	21	—	—
66	5 Planing mills not operated in conjunction with saw mills.....	18	18	251	5	18	216	11	—	1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

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 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			
Dollars 44,508,456	Dollars 2,545,259	Dollars 6,566,072	Dollars 28,391,933	Dollars 6,088,374	Dollars 610,420	Dollars 297,308	Dollars 130,386,505	Dollars 121,497,123	Dollars 6,721,673	Dollars 1,634,341	Dollars 633,368	Dollars 221,642,666	Dollars 91,256,161	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
57,858	10,920	4,625	40,390	1,923			33,277	29,396	1,088	1,493		153,099	119,822	3
2,213,925	100,239	193,153	1,726,496	182,535		11,502	3,938,871	3,749,468	94,248	95,155	1,400	8,422,880	4,484,018	4
637,383	71,617	66,023	425,640	67,955	6,148		462,007	221,032	189,359	48,314	3,276	1,468,123	996,116	5
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
291,177	23,259	32,754	183,232	50,632		1,000	649,226	621,492	11,935	15,799		1,374,027	724,801	7
353,177	25,689	50,064	266,350	1,723	1,188	8,163	1,100,189	1,065,803	20,115	14,271		2,057,099	957,510	8
114,969	25,449	9,671	48,973	30,731		145	226,751	223,178	1,184	2,339	80	367,408	140,657	9
123,001	35,136	12,906	58,344	15,715		900	218,107	216,028	891	1,188		481,081	262,974	10
(5)	4,920	5,200	27,697	3,760		1,094	385,825	374,822	6,341	4,662		513,218	127,393	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
326,824	13,800	41,545	271,479				313,518	231,559	65,766	16,193		898,023	584,505	13
24,070	3,300		5,431	15,339			14,723	14,199	355	16		72,919	58,190	14
120,198	11,000	26,849	52,649	28,800			274,034	234,746	2,806	36,482		701,461	427,427	15
137,077	15,344	13,124	104,043	4,566			328,133	314,928	7,744	5,461		687,979	359,846	16
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
726,516	85,150	136,757	289,152	207,960	2,272	5,225	5,192,349	5,034,113	57,970	95,745	4,521	6,627,153	1,434,804	18
56,206		8,932	32,629	14,645			51,934	50,463	921	660		128,894	70,960	19
161,217	52,418	24,476	60,018	22,176	1,313	816	360,201	353,953	3,296	3,042		803,855	443,664	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
447,312	39,911	64,356	286,485	55,558	1,002		1,594,055	1,562,225	6,814	13,192	11,824	2,517,699	923,644	22
29,893	13,090	819	8,571	7,413			89,684	88,038	508	1,138		132,691	42,907	23
828,711	15,043	185,287	511,619	105,515	9,538	1,709	5,235,756	5,103,964	35,177	96,615		6,916,494	1,680,738	24
205,928	24,264	24,866	121,635	33,640		1,523	713,885	713,699	9,873	7,353		1,467,011	736,126	25
1,280,554	103,462	172,694	873,542	130,856			1,109,752	957,679	9,439	30,847	111,787	3,102,354	1,992,602	26
613,958	21,380	72,474	516,016	4,088			962,209	850,373	95,244	15,692	960	2,027,421	1,065,152	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
146,121	3,000	11,279	85,371	46,471			312,247	310,559	693	995		688,994	370,747	29
39,010	2,400		34,023	2,587			45,074	41,712	113	1,097	2,152	87,445	52,371	30
369,472	32,350	61,598	163,662	103,877	3,660	4,316	1,591,467	1,511,032	19,347	61,088		2,774,369	1,182,902	31
428,767	70,610	21,486	182,328	149,658	2,203	2,482	180,631	34,556	100,750	45,325		1,050,621	869,990	32
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
49,226	11,803	1,700	7,518	28,205			102,186	101,235	416	535		220,192	127,066	34
46,430		3,749	42,518	163			59,419	57,940	374	817	288	150,832	91,413	35
144,990	8,500	14,062	91,169	31,259			192,599	181,752	1,154	2,756	6,907	451,068	258,499	36
12,200		400	11,500	300			7,694	7,694				30,313	22,610	37
27,185	4,090	2,911	10,742	8,442			30,284	26,747	1,042	2,495		83,689	53,405	38
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
37,266	6,900	390	29,096	880			14,619	11,422	555	769	1,873	78,335	68,716	40
201,938	39,111	24,300	124,875	13,652			215,004	201,064	6,901	6,957	82	521,062	306,058	41
113,211	13,199	13,288	86,724				96,248	84,393	3,725	6,260	1,870	325,662	229,414	42
621,951	40,840	108,444	316,162	152,855	1,619	2,531	977,890	922,828	54,058	1,004		2,562,313	1,584,423	43
197,593	28,936	18,121	128,803	21,178		555	376,337	367,266	3,251	5,820		705,677	329,340	44
3,613,637	58,107	773,507	1,898,010	874,396	5,479	4,138	27,397,382	27,122,305	173,346	101,731		33,005,533	5,608,151	45
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
277,110	48,846	22,088	138,608	67,508			632,112	619,226	4,542	6,344	2,000	1,115,330	483,268	48
38,750	3,630	4,440	28,309	2,371			98,464	85,320	647	601	11,896	177,329	78,855	49
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
118,395	9,798	15,476	85,149	7,972			83,042	75,641	1,654	5,747		309,382	226,340	51
237,350	19,330	32,823	164,361	20,840			231,540	207,402	2,599	6,039	5,500	608,181	386,041	52
2,879,420	248,918	841,763	1,357,877	417,885		12,977	2,746,093	2,450,080	24,567	78,027	193,919	8,842,812	6,096,209	53
18,961	2,340	13,083	3,553	120			32,906	120			32,786	64,488	31,582	54
499,245	62,799	49,905	137,794	218,747			982,716	963,567	13,594	15,555		2,186,671	1,203,955	55
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
161,080	12,396	15,874	70,073	62,737			732,177	719,059	2,689	10,429		1,441,161	708,984	57
213,327	38,506	25,847	119,402	26,548	3,024		417,692	409,306	3,117	5,269		805,417	387,725	58
105,766	13,314	3,136	82,604	6,652			136,643	128,719	1,210	3,884	2,880	324,291	187,618	59
290,178	18,196	77,661	132,284	32,037			138,419	129,603	547	6,317	1,952	499,013	360,594	60
43,990	5,947	25,927	6,029	6,087			63,604	6,273	130	24	57,177	160,072	97,368	61
373,246	17,895	75,699	230,687	10,467	32,598		4,385,444	4,208,985	117,336	59,123		6,407,038	2,021,594	62
127,745	22,000	12,554	93,191				40,129	30,830	835	2,652	14,812	246,188	197,059	63
183,976	17,211	13,281	133,581	19,903			596,553	580,591	10,923	5,039		1,019,566	428,013	64
390,362	12,300	33,730	256,403	27,629		300	411,112	398,113	2,959	9,693	350	867,119	456,307	65

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	13 Pottery products not elsewhere classified	3	3	183	6	12	163	2		
2	1 Poultry dressing and packing, wholesale	9	11	34	1		30	3		
3	1 Prepared feeds (including mineral) for animals and fowls	38	13	460	13	61	369	14	8	
4	17 Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	50	5	4	27	14		
5	12 Saddlery, harness, and whips	6	2	106	9	11	77	8		1
6	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	76	69	944	12	45	839	27	21	
7	15 Sheet-metal work not specifically classified	5	5	280	8	12	209	51		
8	20 Signs, advertising displays, and advertising novelties	16	17	191	13	30	118	30		
9	20 Sporting and athletic goods, not elsewhere classified	6	4	158	4	20	125	9		
10	14 Stamped and pressed metal products (except automobile stampings)	4	3	78	6	5	58	8	1	
11	20 Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	3	12	1		6	5		
12	6 Upholstered household furniture	4	8	117		9	104	4		
13	1 Vinegar and cider	3		14		1	12	1		
14	6 Wooden boxes except cigar boxes	3	2	68	2	4	61	1		
15	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	312	5	12	283	11	1	
16	Other industries ⁴	211	92	14,838	138	1,421	11,341	1,417	398	123
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵										
17	1 Food and kindred products	40	7	2,983	13	400	2,367	84	49	70
18	4 Apparel and other finished products made from fabrics and similar materials	21	12	883	15	44	775	41	6	2
19	6 Furniture and finished lumber products	7	6	67		7	89	1		
20	8 Printing, publishing, and allied industries	9	8	89	5	15	56	13		
21	9 Chemicals and allied products	19	2	372	18	35	291	22	2	4
22	13 Stone, clay, and glass products	19	13	639	13	38	521	65	2	
23	16 Electrical machinery	5		55	3	5	37	10		
24	17 Machinery (except electrical)	23	9	1,202	26	197	874	45	17	43
25	20 Miscellaneous industries	15	9	257	13	14	173	57		
26	10 Products of petroleum and coal	3		377	2	38	290	47		
12	Leather and leather products	6	3	209	4	20	239	36		
14	Iron and steel and their products, except machinery	20	9	4,488	15	251	4,083	46	91	2
15	Nonferrous metals and their products	18	12	548	6	85	438	12	5	2
2	Tobacco manufactures	1								
7	Paper and allied products	1								
11	Rubber products	1	2	2,549	5	272	1,108	938	226	
18	Automobiles and automobile equipment	2								
19	Transportation equipment, except automobiles	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 manu- facture ⁴
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Con- struction	Other	Total	Materials and sup- plies	Fuel	Purchas- ed elec- tric en- ergy	Contract work		
		Salaries ³	Wages										
<i>Dollars</i> (³) 18,649 396,751 (³) 150,597 845,134 407,119 321,974 137,250 146,043 9,855 139,589 (³) 56,276 (³) 21,208,706	<i>Dollars</i> (³) 225 29,765 (³) 27,714 35,719 43,704 47,143 11,920 48,906 2,340 (³) 7,388 (³) 723,173	<i>Dollars</i> (³) 95,907 (³) 18,358 78,027 22,350 44,000 16,295 8,281 3,568 111,089 (³) 4,495 (³) 2,795,623	<i>Dollars</i> (³) 12,336 253,484 (³) 93,258 688,170 240,785 174,968 96,914 71,526 3,568 111,089 (³) 43,193 (³) 14,453,348	<i>Dollars</i> (³) 6,088 15,608 (³) 10,227 30,242 100,289 55,773 12,121 14,774 3,947 10,896 (³) 1,200 (³) 2,470,573	<i>Dollars</i> 								

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 11.

TABLE 9.—GENERAL STATISTICS FOR DENVER, BY INDUSTRIES: 1939

[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, 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
	All industries, total	629	416	389	1,956	11,477	\$1,741,799	\$3,628,111	\$13,435,820	\$50,030,069	\$107,715,060	\$48,678,991
1	Biscuit, crackers, and pretzels	3	1	6	26	372	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries *	7	8	4	4	49	10,920	4,625	40,390	33,277	153,009	110,822
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	64	62	15	78	972	79,876	132,674	1,252,335	2,468,948	5,480,258	3,011,310
13	Brick and hollow structural tile	15	3	10	20	240	37,630	39,411	280,597	308,338	942,510	634,172
1	Candy and other confectionery products	14	9	5	18	236	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods *	8	2	8	10	55	35,136	12,906	58,344	218,107	481,081	262,974
9	Cleaning and polishing preparations, blackings, and dressings	4	4	1		5	3,300		5,431	14,723	72,919	58,196
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants *	6	3	3	11	34	11,900	26,849	52,649	274,034	701,461	427,427
13	Concrete products	6	3	4	6	64	4,804	10,068	68,877	302,153	577,805	275,652
1	Creamery butter	11	2	7	50	127	18,750	80,800	123,998	2,461,903	3,138,271	676,368
20	Dental equipment and supplies	4	1		5	40		8,932	32,629	51,934	128,894	76,960
9	Drugs and medicines (including drug grinding)	10	3	11	12	53	45,428	22,906	52,868	337,408	743,314	405,906
8	Engraving (steel, copperplate, and wood); plate printing	3	3	1	7	27	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	4			22	146		(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	11	8	5	14	128	24,264	23,916	112,806	683,549	1,384,039	700,490
8	General commercial (job) printing	63	57	21	71	521	68,791	147,584	771,345	974,064	2,704,333	1,729,609
14	Gray-iron and semisteel castings	10	6	4	29	229	(4)	(4)	(4)	(4)	(4)	(4)
4	Housefurnishings (except curtains, draperies, and bedspreads)	5	6	1	8	122	3,000	11,279	85,371	312,247	688,994	376,747
6	Household furniture, except upholstered	3	2	1		41	2,400		34,023	45,074	97,445	52,371
1	Ice cream and ices	12	9	1	13	56	6,200	20,225	54,314	788,665	1,361,577	572,912
9	Insecticides, fungicides, and related industrial and household chemical compounds	5		6	2	11	11,803	1,700	7,518	102,186	229,192	127,006
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) *	5	2	1	10	72	8,500	14,062	91,169	192,569	451,068	258,490
8	Machine and hand typesetting (including advertisement typesetting)	5	4	2	1	21	6,900	390	20,096	14,619	78,335	63,716
17	Machine-shop products, not elsewhere classified	10	3	10	10	51	24,291	10,800	44,939	135,496	311,514	176,018
6	Machine-shop repairs	4	2	2	5	35	3,219	10,325	41,990	28,617	125,220	96,603
17	Mattresses and bedsprings *	8	5	8	13	135	28,936	18,121	128,803	376,337	705,677	320,340
1	Meat packing, wholesale	8	7	8	326	1,163	36,700	715,652	1,517,822	22,019,820	26,242,832	4,223,012
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3		5	5	161	(4)	(4)	(4)	(4)	(4)	(4)
17	Mining machinery and equipment	5	1	6	11	112	48,846	22,088	138,608	632,112	1,115,380	483,268
4	Miscellaneous fabricated textile products not elsewhere classified	3	2	1	9	47	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	4	1	2	23	2,148	3,600	34,336	23,084	102,523	79,439
8	Newspapers: publishing and printing	8	6	10	211	412	(4)	(4)	(4)	(4)	(4)	(4)
15	Nonalcoholic beverages	9	5	12	13	80	35,586	26,261	61,631	556,401	1,195,872	639,381
1	Nonferrous-metal foundries (except aluminum)	6	4	1	14	119	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	7	1	8	20	121	38,506	25,847	119,402	417,692	805,417	387,725
6	Partitions, shelving, cabinet work, and office and store fixtures *	7	7	3	2	56	13,314	3,136	82,664	136,643	324,201	187,618
8	Periodicals: publishing and printing *	6	1	8	49	94	18,196	77,661	132,284	138,410	499,013	360,594
8	Periodicals: publishing without printing	14	9	1	19	4	5,947	25,927	6,029	63,604	160,972	97,368
8	Photoengraving, not done in printing establishments (including preparation of plates) *	5	8	3	12	42	22,000	12,554	93,191	49,129	246,188	197,059
5	Planing mills not operated in conjunction with sawmills	11	11	4	11	181	10,800	25,798	213,670	349,931	729,070	379,139
1	Poultry dressing and packing, wholesale	3	5			9			(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	6		6	23	37	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	5	4	27	(4)	(4)	(4)	(4)	(4)	(4)
12	Saddlery, harness, and whips *	6	2	9	11	77	27,714	18,358	93,258	150,692	359,073	208,381
15	Sheet-metal work not specifically classified	5	5	8	12	209	43,704	22,350	240,785	996,898	1,611,739	614,841

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR DENVER, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members ¹	*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 ³	Value of products ⁴	Value added by manufacture ⁵
20	Signs, advertising displays, and advertising novelties ⁶	16	17	13	30	118	\$47,143	\$44,090	\$174,908	\$180,619	\$869,484	\$688,865
20	Sporting and athletic goods not elsewhere classified	6	4	4	20	125	11,920	16,295	96,014	97,995	300,880	202,885
14	Stamped and pressed metal products (except automobile stampings)	4	3	6	5	58	48,996	8,281	71,526	85,783	274,942	189,159
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	3	1	—	6	2,340	—	3,568	10,060	30,014	28,054
6	Upholstered household furniture	4	8	—	9	104	—	17,604	111,089	366,469	599,126	232,657
6	Wooden boxes except cigar boxes	3	2	2	4	61	7,388	4,495	43,193	86,193	181,276	96,083
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	5	12	283	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
	Other industries ⁴	243	138	175	1,070	6,069	889,758	1,980,480	6,894,827	22,663,959	51,799,567	20,135,608
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴												
1	Food and kindred products	53	24	33	119	1,185	198,490	222,596	1,210,196	6,744,268	11,959,617	5,215,349
4	Apparel and other finished products made from fabrics and similar materials	24	12	20	46	817	66,979	71,546	597,832	2,666,413	3,858,760	1,192,356
6	Furniture and finished lumber products	5	6	—	4	16	—	4,782	17,383	73,594	114,642	41,048
8	Printing, publishing, and allied industries	20	15	16	243	468	102,926	496,306	766,251	2,267,409	6,374,586	4,107,177
9	Chemicals and allied products	20	6	12	24	180	45,251	47,467	181,267	1,108,140	2,249,145	1,141,005
13	Stone, clay, and glass products	12	13	9	19	220	25,623	39,315	255,005	438,825	1,168,232	729,407
14	Iron and steel and their products, except machinery	32	16	28	91	740	111,339	186,096	907,106	2,079,601	4,498,866	2,410,265
15	Nonferrous metals and their products	21	16	6	48	204	22,076	87,975	350,245	718,298	2,290,993	1,581,725
16	Electrical machinery	5	—	3	5	36	6,917	10,072	42,730	130,031	237,904	107,873
17	Machinery (except electrical)	20	9	23	145	580	148,450	261,588	682,542	1,607,548	3,437,314	1,829,766
18	Automobiles and automobile equipment	6	6	5	21	90	14,500	32,114	115,898	207,817	428,368	220,551
20	Miscellaneous industries	14	9	10	14	110	25,310	20,868	114,785	255,678	652,136	396,458
12	Leather and leather products	6	3	4	20	239	—	—	—	—	—	—
2	Tobacco manufactures	1	—	—	—	—	—	—	—	—	—	—
5	Lumber and timber basic products	1	3	6	271	1,088	121,388	499,845	1,653,508	4,366,367	14,519,995	10,153,628
7	Paper and allied products	1	—	—	—	—	—	—	—	—	—	—
10	Products of petroleum and coal	1	—	—	—	—	—	—	—	—	—	—
11	Rubber 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 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 11.

⁶ and ⁷ To avoid disclosing exact or approximate data for individual establishments, data for certain establishments located outside Denver 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.

⁸ 1 establishment. ⁹ 2 establishments.

TABLE 10.—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	1,298	530	1		30	98	40	8	235	58	10	1	12	72	49	28	5	62	10	1	48
Adams	22	12					1		2	2	4				1						
Alamosa	9	7							2												
Arapahoe	16	4							3					3				1	2		3
Archuleta	6	1			5																
Baca	1				1																
Bent	9	7							2												
Boulder	32	19			1				7					3	1			1			
Chaffee	7	3				1			2					1							
Clear Creek	5				3				1									1			
Conejos	7	5			1				1												
Costilla	1	1																			
Crowley	5	4							1												
Custer	1																				
Delta	16	13							2					1							
Denver	620	168	1		29	12	34	8	121	44	1	1	11	37	36	26	5	39	6		41
Dolores	3					3															
Douglas	6	1				3			1	1											
Eagle	7				6																
El Paso	62	35			5		1		6	2				6				2	2		1
Fremont	16	11							2					2				1			
Garfield	9	6			1				2												
Gilpin	2								1												
Grand	9				8				1									1			
Gunnison	4	2							1					1							
Huerfano	7	4			1				2												
Jackson	3				3																
Jefferson	15	7							4					3	1						
Kiowa	1								1												
Kit Carson	1	1																			
Lake	3				1				1							1					
La Plata	21	14			3				2					1	1						
Larimer	47	23			12				6	1				4				1			
Las Animas	28	14			4		1		3	1	1			1				3			
Lincoln	2								2												
Logan	12	9							2	1											
Mesa	32	22			1				2	1				1	1			3			1
Mineral	2				2				1												
Moffat	3	1							1		1										
Montezuma	6	3			1				2												
Montrose	16	9			3				1	1				1				1			
Morgan	18	13							3		1				1						
Otero	27	21							5									1			
Ouray	2				2				1												
Park	5				4				2												
Phillips	3	1							1												
Pitkin	1				1																
Prowers	16	14							2												
Pueblo	72	33		1	2	2			10	3	1		1	6	7	1		2		1	2
Rio Blanco	4	2							1												
Rio Grande	7	3			1				2									1			
Routt	9	2							1												
Saguache	3	2			6				1												
San Juan	1								1												
San Miguel	1								1												
Sedgwick	3	2							1												
Teller	2				1				1												
Washington	2	1							1												
Weld	41	26			1				9												
Yuma	7	3							3	1				1				3	1		

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DENVER: 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 COLORADO				STATE OF COLORADO—Continued			
1	Beet sugar	17	1,780	14	Blast-furnace products	1	
	Biscuit, crackers, and pretzels	3	372		Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Condensed and evaporated milk	6	76		Doors, window sash, frames, molding, and trim (made of metal)	1	
	Liquors, rectified or blended	1			Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	67		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Malt	1			Hardware not elsewhere classified	1	
	Preserves, jams, jellies, and fruit butters	2			Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Salad dressings	1			Malleable-iron castings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1			Power boilers and associated products	2	
	Special dairy products	1			Steel castings	2	
	Vinegar and cider	3	12		Steel works and rolling mills	1	
	Wines	1			Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
2	Cigars	1			Tin cans and other tinware not elsewhere classified	1	
4	Belts (apparel), regardless of material	1			Tools (except edge tools, machine tools, files, and saws)	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2			Wirework not elsewhere classified	2	
	Fur coats and other fur garments, accessories, and trimmings	2		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Men's and boys' hats and caps (except felt and straw)	1			Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	161		Electroplating, plating, and polishing	2	
	Miscellaneous fabricated textile products not elsewhere classified	3	47		Lapidary work	1	
	Textile bags—not made in textile mills	2			Lighting fixtures	1	
	Trousers (semidress), wash suits, and washable service apparel	1			Nonferrous-metal foundries (except aluminum)	6	119
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1			Nonferrous-metal products not elsewhere classified	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1			Primary smelting and refining of nonferrous metals	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	283		Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Cooperage	1		16	Batteries, storage and primary (dry and wet)	1	
	Venetian blinds	1			Communication equipment	1	
	Window and door screens and weather strip	2			Electrical products not elsewhere classified	1	
	Window shades	1			Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wood preserving	2			Wiring devices and supplies	1	
7	Envelopes	1		17	Agricultural machinery (except tractors)	2	
8	Books: printing without publishing	1			Blowers; exhaust and ventilating fans	1	
	Books: publishing and printing	1			Cars and trucks, industrial	1	
	Books: publishing without printing	2			Commercial laundry, dry-cleaning, and pressing machinery	1	
	Electrotyping and stereotyping, not done in printing establishments	1			Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Engraving (steel, copperplate, and wood); plate printing	3	27		Elevators, escalators, and conveyors	1	
	Greeting cards (except hand-painted)	1			Food-products machinery	2	
9	Chemicals not elsewhere classified	3	69		Industrial machinery, not elsewhere classified	3	584
	Coal-tar products, crude and intermediate	1			Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Explosives	2			Mechanical power-transmission equipment	2	
	Fertilizers	2			Printing-trades machinery and equipment	1	
	Fireworks	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	27
	Grease and tallow (except lubricating greases)	6	62		Scales and balances	1	
	Perfumes, cosmetics, and other toilet preparations	1			Special-industry machinery, not elsewhere classified	2	
	Printing ink	1			Stokers, mechanical, domestic and industrial	1	
	Soap and glycerin	2		18	Automobile trailers (for attachment to passenger cars)	2	
10	Beehive coke	1		19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Oven coke and coke-oven byproducts	1		20	Brooms	4	98
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1			Brushes	2	
11	Rubber products not elsewhere classified	1			Carbon paper and inked ribbons	1	
12	Leather goods not elsewhere classified	1			Fire extinguishers, chemical	1	
	Leather: tanned, curried, and finished—contract factories	1			Hand stamps, stencils, and brands	2	
	Suitcases, brief cases, bags, trunks, and other luggage	4	231		Models and patterns (except paper patterns)	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	1			Optical instruments and lenses	1	
	Cement	2			Professional and scientific instruments (except surgical and dental)	2	
	Clay products (except pottery) not elsewhere classified	1			Soda fountains, beer dispensing equipment, and related products	1	
	Gypsum products	1		DENVER			
	Lime	1		1	Biscuit, crackers, and pretzels	3	372
	Minerals and earths, ground or otherwise treated	3	32		Candy and other confectionery products	14	230
	Mirrors and other glass products made of purchased glass	2			Canned and dried fruits and vegetables (including canned soups)	1	
	Pottery products not elsewhere classified	3	163		Condensed and evaporated milk	2	
	Roofing tile	1			Flavoring extracts and flavoring sirups, not elsewhere classified	4	7
	Steam and other packing; pipe and boiler covering	1			Flour and other grain-mill products	4	146
	Terra cotta	1			Ice, manufactured	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2			Liquors, rectified or blended	1	

See footnote at end of table.

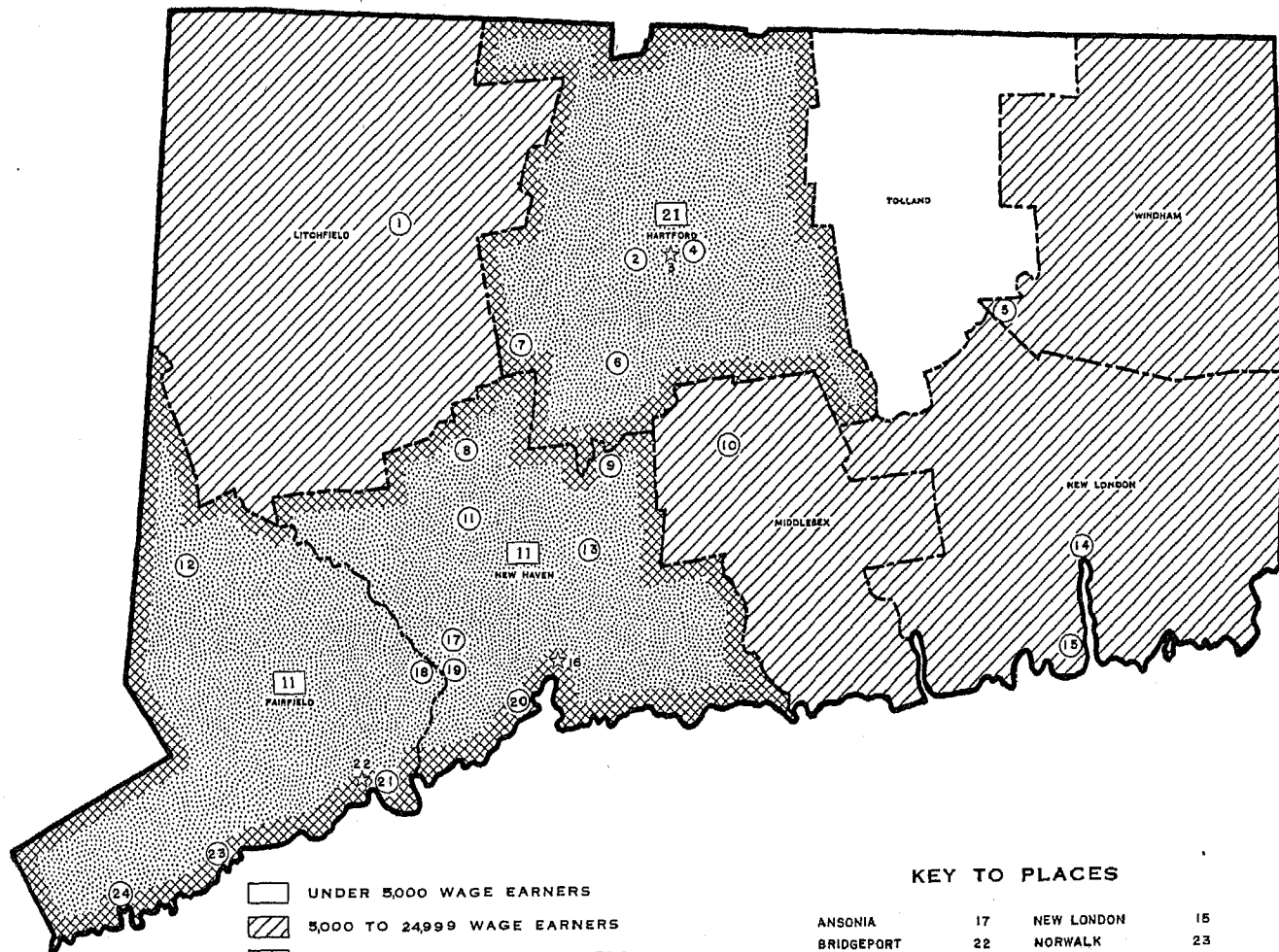
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DENVER: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
DENVER—Continued				DENVER—Continued			
1	Macaroni, spaghetti, vermicelli, and noodles	2		13	Mirrors and other glass products made of purchased glass	2	
	Malt liquors	1			Pottery products not elsewhere classified	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	5	55		Roofing tile	1	
	Poultry dressing and packing, wholesale	3	9		Steam and other packing, pipe and boiler covering	1	
	Prepared feeds (including mineral) for animals and birds	6	37		Terra cotta	1	
	Preserves, jams, jellies, and fruit butters	2			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	Salad dressings	1		14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Vinegar and cider	1			Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	188
	Wines	1			Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
2	Cigars	1			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
4	Belts (apparel), regardless of material	1			Gray-iron and semisteel castings	10	229
	Canvas products (except bags)	3	42		Hardware not elsewhere classified	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2			Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Fur coats and other fur garments, accessories, and trimmings	2			Power boilers and associated products	2	
	Men's and boys' hats and caps (except felt and straw)	1			Steel castings	2	
	Men's and boys' suits, coats, and overcoats (except work clothing—made in inside factories or by jobbers engaging contractors)	3	161		Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Miscellaneous fabricated textile products not elsewhere classified	3	47		Tin cans and other tinware not elsewhere classified	1	
	Textile bags—not made in textile mills	2			Wirework not elsewhere classified	2	
	Trousers (semidress), wash suits, and washable service apparel	1		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1			Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1			Electroplating, plating, and polishing	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	283		Jewelry (precious metals)	4	41
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1			Lapidary work	1	
6	Cooperage	1			Lighting fixtures	1	
	Venetian blinds	1			Nonferrous-metal foundries (except aluminum)	6	119
	Window and door screens and weather strip	2			Nonferrous-metal products not elsewhere classified	2	
	Window shades	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
7	Envelopes	1		16	Batteries, storage and primary (dry and wet)	1	
8	Books: printing without publishing	1			Communication equipment	1	
	Books: publishing and printing	1			Electrical products not elsewhere classified	1	
	Books: publishing without printing	2			Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Electrotyping and stereotyping, not done in printing establishments	1			Wiring devices and supplies	1	
	Engraving (steel, copperplate, and wood); plate printing	1		17	Agricultural machinery (except tractors)	1	
	Greeting cards (except hand-painted)	3	27		Blowers; exhaust and ventilating fans	1	
	Newspapers: publishing and printing	1			Cars and trucks, industrial	1	
	Newspapers: publishing without printing	8	412		Commercial laundry, dry-cleaning, and pressing machinery	1	
9	Chemicals not elsewhere classified	2			Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Coal-tar products, crude and intermediate	1			Elevators, escalators, and conveyors	1	
	Explosives	1			Food-products machinery	1	
	Fertilizers	1			Industrial machinery, not elsewhere classified	2	
	Fireworks	2			Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Lubricating oils and greases—not made in petroleum refineries	1			Mechanical power-transmission equipment	2	
	Paints, varnishes, and lacquers	5	11		Printing-trades machinery and equipment	1	
	Perfumes, cosmetics, and other toilet preparations	4	59		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	27
	Printing ink	1			Scales and balances	1	
	Soap and glycerin	2			Special-industry machinery, not elsewhere classified	2	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1		18	Automobile trailers (for attachment to passenger cars)	1	
11	Rubber products not elsewhere classified	1			Motor vehicles, motor-vehicle bodies, parts and accessories	5	91
12	Leather goods not elsewhere classified	1		20	Brooms	1	
	Leather: tanned, and finished—contract factories	1			Brushes	2	
	Suitcases, bags, trunks, and other luggage	1			Carbon paper and inked ribbons	1	
13	Asphalt (except steam packing and pipe and fittings), including refractory cement (clay) and earths, ground or otherwise treated	4	231		Hand stamps, stencils, and brands	1	
		1			Miscellaneous fabricated products not elsewhere classified	2	
		2			Models and patterns (except paper patterns)	3	33
		2			Optical instruments and lenses	1	
		2			Professional and scientific instruments (except surgical and dental)	1	
		2			Soda fountains, beer dispensing equipment, and related products	2	
		2				1	

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

CONNECTICUT

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



- [] UNDER 5,000 WAGE EARNERS
 [] 5,000 TO 24,999 WAGE EARNERS
 [] 25,000 OR MORE WAGE EARNERS
 ○ PLACES OF 10,000 TO 99,999 POPULATION
 ☆ PLACES OF 100,000 OR MORE POPULATION
 [] INDUSTRIAL AREAS:
 [11] BRIDGEPORT-NEW HAVEN-WATERBURY AREA
 [21] HARTFORD AREA

KEY TO PLACES

ANSONIA	17	NEW LONDON	15
BRIDGEPORT	22	NORWALK	23
BRISTOL	7	NORWICH	14
DANBURY	12	SHELTON	18
DERBY	19	STAMFORD	24
EAST HARTFORD	4	STRATFORD	21
HARTFORD	3	TORRINGTON	1
MERIDEN	9	WALLINGFORD	13
MIDDLETOWN	10	WATERBURY	8
NAUGATUCK	11	WEST HARTFORD	2
NEW BRITAIN	6	WEST HAVEN	20
NEW HAVEN	16	WILLIMANTIC	5

Prepared by the Bureau of the Census, Department of Commerce

CONNECTICUT

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	2,936	1,366	266,312	\$353,964,300	\$537,399,081	\$1,229,585,773	\$692,180,692
1937	2,892	1,212	299,650	394,205,671	581,001,594	1,261,788,603	680,787,099
1929	3,079	1,557	283,914	415,646,323	655,040,180	1,449,668,845	794,028,665

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 ^{2,3}	Value of products ^{2,3}	Value added by manufacture ⁴
The State	1,709,242	2,936	233,525	\$276,274,243	\$537,399,081	\$1,229,585,773	\$692,180,692
INDUSTRIAL AREAS							
Bridgeport-New Haven-Waterbury ⁵	902,700	1,728	128,396	150,993,009	328,860,811	722,554,276	393,084,465
Hartford ¹	450,189	671	62,244	80,424,117	121,947,975	326,666,843	204,718,868
COUNTIES ¹							
Fairfield	418,384	843	59,607	69,726,322	160,192,593	348,103,600	187,911,046
Hartford	450,189	671	62,245	80,424,117	121,947,975	326,666,843	204,718,868
Litchfield	87,041	115	10,559	12,045,367	19,507,634	48,629,053	29,021,419
Middlesex	56,909	99	5,797	5,847,167	9,114,781	21,407,992	12,363,211
New Haven	484,316	885	68,789	81,266,687	168,677,248	374,450,667	205,773,419
New London	125,224	181	13,267	14,682,175	31,878,515	61,487,875	29,609,360
Tolland	31,896	55	3,936	4,051,512	10,303,171	17,246,875	6,943,704
Windham	56,223	87	9,325	8,230,896	15,777,194	31,632,859	18,855,665
PLACES HAVING 10,000 OR MORE INHABITANTS							
Ansonia	19,210	32	4,204	5,300,005	14,794,834	30,635,730	15,840,902
Bridgeport	147,121	365	29,419	34,331,569	74,506,650	160,348,923	85,842,273
Bristol	30,167	36	8,117	10,576,875	11,157,331	33,294,601	22,137,270
Danbury	22,339	73	5,299	5,926,075	11,396,898	23,000,303	11,663,405
Derby	10,287	20	1,391	1,315,376	1,922,416	5,119,691	3,197,275
East Hartford ¹	18,615	21	4,837	4,837,000	10,007,615	17,504,914	8,995,351
Hartford	166,267	332	21,180	27,901,669	32,791,346	97,954,598	65,163,252
Meriden	39,494	87	7,636	10,007,615	17,504,914	43,833,641	26,268,727
Middletown	26,495	45	3,487	3,623,550	4,607,700	11,503,051	6,895,351
Naugatuck	15,388	21	5,710	6,951,211	13,813,612	29,347,064	15,534,352
New Britain	68,685	100	13,213	15,155,415	21,904,776	58,109,685	36,204,909
New Haven	160,605	404	20,523	21,838,685	42,737,917	100,838,135	58,100,218
New London	30,456	47	1,447	1,340,492	2,441,816	5,436,427	2,994,611
Norwalk	39,849	105	7,531	7,773,673	14,706,370	32,516,922	17,810,552
Norwich	23,652	59	3,167	3,004,676	9,802,571	16,423,354	6,620,783
Shelton	10,971	32	2,732	2,490,722	7,814,792	14,469,435	6,654,643
Stamford	47,938	101	5,821	7,023,933	10,214,380	27,003,811	16,789,431
Stratford	22,580	32	2,039	3,189,698	3,373,865	9,629,952	6,256,087
Torrington	26,988	41	6,158	7,578,092	11,905,450	31,456,349	19,550,899
Wallingford	11,426	26	2,924	3,306,797	6,007,102	13,247,265	7,240,163
Waterbury	99,314	150	19,458	24,853,976	52,437,706	112,217,649	59,779,943
West Hartford ¹	33,776	10	1,862	1,862,000	5,085,266	11,137,824	5,452,558
West Haven	30,021	38	1,352	1,556,453	2,447,424	4,819,021	2,371,567
Willimantic	12,101	22	2,167	1,737,401	2,447,424	4,819,021	2,371,567

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 Bridgeport-New Haven-Waterbury Industrial Area comprises Fairfield and New Haven counties. For statistics by industries for this area, see table 9.

⁷ The Hartford Industrial Area is coextensive with Hartford County. For statistics by industries for this area, see table 8.

⁸ 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	299,763	283,969	Salaried officers and employees—Continued.		
Male.....	209,625	209,834	All other employees, etc.—Continued.		
Female.....	90,138	74,135	Engaged in manufacturing:		
Salaried officers and employees, total.....	48,574	35,199	Male.....	19,949	
Male.....	34,231	24,336	Female.....	9,490	
Female.....	14,343	10,863	Engaged in distribution:		
Salaried officers of corporations, total.....	3,348	3,119	Male.....	8,506	
Male.....	3,095	2,927	Female.....	4,400	(3)
Female.....	253	192	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total.....	45,226	32,080	Male.....	2,200	
Male.....	31,136	21,409	Engaged in other work:		
Female.....	14,090	10,671	Male.....	481	
			Female.....	140	
			Wage earners engaged in manufacturing, total.....	251,189	248,770
			Male.....	175,394	185,498
			Female.....	75,795	63,272

¹ See headnote.

² Figures do not include data for 1,366 proprietors and firm members for 1939 and 1,557 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.....	233,525	220,546	224,561	226,187	223,610	223,836	223,216	223,142	230,640	238,302	251,531	259,131	257,594
1937.....	262,620	257,940	263,937	269,340	270,149	270,928	268,816	264,967	268,971	269,008	263,216	250,311	233,865
1929.....	248,715	243,585	247,126	251,241	252,225	252,409	251,826	252,540	252,143	251,043	250,343	244,099	236,008

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 ESTABLISH- MENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
All establishments.....	2,936	3,079	233,525	248,715	\$1,229,585,773	\$692,186,092
No wage earners.....	88	69				
1 to 5.....	996	1,131	2,711	3,265	6,265,981	2,836,653
6 to 20.....	664	754	7,794	8,181	21,245,939	11,322,078
21 to 50.....	427	426	13,799	13,844	48,875,469	26,453,224
51 to 100.....	275	226	19,716	16,146	76,060,910	38,581,293
101 to 250.....	267	264	39,916	41,569	92,756,924	50,746,094
251 to 500.....	117	104	42,120	37,764	214,546,649	104,836,630
501 to 1,000.....	41	61	27,062	41,818	211,254,013	118,704,874
1,001 to 2,500.....	33	34	50,208	51,432	141,843,511	91,786,540
2,501 or more.....	8	10	28,269	34,676	262,243,234	154,254,408
					154,402,543	92,663,998

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture

CONNECTICUT

147

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.....	2,936	3,079	233,525	248,715	\$1,229,585,773	\$1,449,668,845	\$692,186,692	\$794,028,665
\$5,000 to \$19,999.....	818	863	2,252	2,372	9,107,960	9,089,434	5,424,567	6,364,392
\$20,000 to \$49,999.....	579	661	4,973	4,844	19,125,299	21,451,235	11,647,440	12,904,269
\$50,000 to \$99,999.....	404	410	8,401	6,715	28,918,599	28,904,185	17,537,623	17,764,333
\$100,000 to \$249,999.....	445	399	18,014	12,807	70,285,848	63,421,320	39,410,320	36,906,581
\$250,000 to \$499,999.....	258	247	19,553	17,067	93,647,698	87,178,095	51,292,173	49,055,098
\$500,000 to \$999,999.....	186	210	27,260	29,534	131,918,638	150,842,030	68,516,298	85,140,708
\$1,000,000 to \$2,499,999.....	151	166	45,852	44,901	233,059,662	202,760,503	127,770,247	140,718,317
\$2,500,000 to \$4,999,999.....	59	77	39,846	52,698	205,259,926	271,344,140	117,911,333	167,329,361
\$5,000,000 and over.....	36	46	67,374	77,777	438,262,143	553,777,903	262,077,691	277,785,606

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.....	2,936	3,079	233,525	248,715	\$1,229,585,773	\$1,449,668,845	\$692,186,692	\$794,028,665
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	567	(⁴)	142,327	(⁴)	819,819,360	(⁴)	451,286,782	(⁴)
Independent (single-unit).....	1,344	(⁴)	80,133	(⁴)	370,017,938	(⁴)	218,296,788	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	32	(⁴)	1,137	(⁴)	4,300,739	(⁴)	2,045,680	(⁴)
Independent (single-unit).....	993	(⁴)	9,928	(⁴)	35,447,736	(⁴)	20,557,442	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	599	437	143,464	134,466	824,120,099	844,961,474	453,332,462	437,719,501
Independent (single-unit), corporate and noncorporate.....	2,337	2,642	90,061	114,249	405,465,674	604,707,371	238,854,230	356,309,164
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	1,911	1,800	222,460	235,827	1,189,837,298	1,388,483,962	669,583,570	761,171,057
Noncorporate, total.....	1,025	1,279	11,065	12,888	59,748,475	61,184,883	22,603,122	32,857,608
Individual.....	739	(⁴)	5,337	(⁴)	20,845,587	(⁴)	12,033,732	(⁴)
Partnership.....	275	(⁴)	5,534	(⁴)	17,568,910	(⁴)	9,842,179	(⁴)
Cooperative.....	5	(⁴)	138	(⁴)	991,085	(⁴)	505,502	(⁴)
Other.....	6	(⁴)	56	(⁴)	342,887	(⁴)	221,709	(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 larger

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	2,936	1,366	282,099	3,348	29,439	233,525	12,906	2,200	621
2	13 Abrasive wheels, stones, paper, cloth, and related products	6	1	141	13	17	103	8		
3	19 Aircraft and parts, including aircraft engines	8		6,742	26	1,217	5,397	85	17	
4	15 Alloying, and rolling and drawing of nonferrous metals, except aluminum	22		19,788	41	2,037	16,504	328	812	6
5	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	5	794	5	60	726	3		
6	3 Artificial leather and oilcloth	3		426	2	46	373	2	2	1
7	13 Asbestos products (except steam packing and pipe and boiler covering)	3		1,158	7	112	790	249		
8	16 Batteries, storage and primary (dry and wet)	5	2	843	6	54	688	82	7	6
9	19 Boat building and boat repairing	8	4	93	3	10	85	1		
10	14 Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	3	253	10	37	196	10		
11	8 Bookbinding and related industries	7	4	37	4	2	31			
12	8 Books, printing without publishing	14	4	614	19	71	511	13		
13	1 Bread and other bakery products (except biscuit, crackers, and pretzels)	383	362	4,320	83	270	3,450	462	6	49
14	13 Brick and hollow structural tile	13	4	481	21	26	420	7	6	1
15	20 Brushes	7	7	668	2	93	445	98	30	
16	20 Buttons	10	12	1,165	11	101	989	64		
17	1 Candy and other confectionery products	11	7	615	15	70	454	63	11	2
18	1 Canned and dried fruits and vegetables (including canned soups)	3	1	106	3	6	97			
19	4 Canvas products (except bags)	6	3	55	4	7	38	6		
20	6 Caskets, coffins, burial cases, and other morticians' goods	5	1	88	6	21	45	13		3
21	9 Chemicals not elsewhere classified	4		813	4	182	569	51	6	1
22	2 Cigars	26	26	542	9	19	495	18	1	
23	9 Cleaning and polishing preparations, blackings, and dressings	13	3	221	8	35	149	29		
24	15 Clocks, watches, and materials and parts (except watchcases)	8		7,543	31	620	6,558	265	37	52
25	9 Coal-tar products, crude and intermediate	3		18		6	12			
26	4 Coats, suits, and skirts (except fur coats)—made in contract factories	13	13	666	12	18	634	2		
27	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6		601	9	31	559	2		
28	14 Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		714	3	80	553	51	18	
29	16 Communication equipment	7		742	17	118	523	75	9	
30	13 Concrete products	29	16	331	13	28	236	52	2	
31	7 Converted paper products not elsewhere classified	9		715	7	62	560	58	28	
32	3 Cordage and twine	10	1	315	12	31	266	6		
33	4 Corsets and allied garments	16	3	3,631	37	432	2,636	618		8
34	3 Cotton broad woven goods	15	1	4,995	24	182	4,774	15		
35	3 Cotton narrow fabrics	11		2,140	23	163	1,742	218		
36	3 Cotton thread	6		2,401	9	190	2,176	26		
37	14 Cutlery (except aluminum, silver, and plated cutlery) and edge tools	27	10	3,794	33	319	3,244	147	14	37
38	9 Drugs and medicines (including drug grinding)	8		676	15	116	495	50		
39	3 Dyeing and finishing cotton, rayon, silk, and linen textiles	20	1	3,382	45	349	2,962	15	11	
40	16 Electrical appliances	12		3,027	18	356	3,200	333	7	13
41	16 Electrical products not elsewhere classified	4		269	8	33	219	3	6	
42	15 Electroplating, plating, and polishing	17	10	482	15	55	395	13		
43	8 Electrotyping and stereotyping, not done in printing establishments	8		169	15	16	121	17	4	
44	14 Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	9	1	752	11	92	615	34		
45	8 Engraving (steel, copperplate, and wood); plate printing	12	5	203	13	15	158	17		
46	20 Fabricated plastic products, not elsewhere classified	13		2,179	21	189	1,908	33	28	
47	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	18	9	293	24	50	198	21		
48	9 Fertilizers	6		188	6	19	128	34	1	
49	4 Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	1	243	5	13	217	8		
50	14 Firearms	7		3,171	12	373	2,565	99	113	9
51	9 Fireworks	3		90	7	7	72	4		
52	1 Food preparations, not elsewhere classified	5	2	21	1	2	12	6		
53	17 Food products machinery	4		283	7	67	175	34		
54	12 Footwear (except rubber)	9	2	930	20	60	841	8	1	
55	14 Forgings, iron and steel—made in plants not operated in connection with rolling mills	8	3	608	14	69	510	15		
56	20 Games and toys (except dolls and children's vehicles)	16	5	1,244	24	107	1,035	69	9	
57	8 General commercial (job) printing	164	97	2,033	126	243	1,570	91	3	
58	16 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	15	1	1,909	29	462	1,256	161		1
59	14 Gray-iron and semi-steel castings	21	3	1,818	38	105	1,609	47	4	15
60	20 Hand stamps, stencils, and brands	7	2	76	12	8	49	7		
61	14 Hardware not elsewhere classified	37	7	15,002	80	1,634	12,163	1,059	63	3
62	3 Hat bodies and hats, fur-felt	22		6,474	60	534	5,732	119	26	3
63	3 Hatters' fur	24	15	1,272	24	65	1,167	16		
64	4 House dresses, uniforms, and aprons—made in contract factories	5	3	274	4	4	266			
65	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	3	247	4	9	227	7		
66	4 Housefurnishings (except curtains, draperies, and bedspreads)	9	5	637	8	28	461	138	1	1

See footnotes at end of table.

CONNECTICUT

149

THE STATE, BY INDUSTRIES: 1939

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 values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							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	Value of products		
		Salaries ⁴	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
383,253,469	21,045,993	56,044,064	276,274,243	24,803,935	3,496,681	988,553	537,399,081	502,052,100	13,853,804	10,218,840	11,274,337	1,229,585,773	692,180,092	
200,864	55,400	28,512	102,211	14,741	(5)	(5)	300,982	288,229	6,406	6,347	(5)	680,899	379,917	
31,374,806	473,723	4,785,397	23,731,921	1,031,504	1,342,061	10,200	72,569,745	68,411,004	2,634,017	1,473,552	(5)	140,235,936	67,666,191	
(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)	
137,323	0,022	16,463	112,076	2,162	(5)	(5)	71,855	68,669	535	2,051	(5)	294,323	222,408	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
42,396	7,466	3,560	31,380	(5)	(5)	(5)	21,740	18,923	156	717	(5)	102,028	80,279	
972,762	137,998	159,637	642,143	32,984	(5)	(5)	624,745	560,943	9,250	17,228	(5)	1,930,815	1,306,070	
5,698,715	281,483	459,770	4,383,112	439,477	13,782	61,001	9,941,036	9,400,044	336,967	204,025	37,324	20,479,012	10,537,976	
568,637	82,893	40,581	427,050	7,134	3,932	1,047	259,986	85,875	138,553	35,553	(5)	1,254,613	994,627	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
1,941,441	79,802	178,692	944,485	106,562	31,900	(5)	1,070,487	1,001,080	27,227	37,273	4,907	3,025,400	1,955,003	
(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)	
83,600	9,040	9,960	54,317	10,263	(5)	(5)	120,491	117,806	1,495	1,190	(5)	290,771	140,280	
196,306	79,240	37,400	54,972	21,798	(5)	2,020	184,024	178,397	3,482	3,045	(5)	782,802	597,939	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
551,022	36,597	34,200	448,720	28,278	3,107	(5)	671,606	661,621	6,127	3,853	(5)	1,651,236	979,630	
424,143	70,772	90,965	222,908	39,498	(5)	(5)	1,059,234	968,994	29,811	30,429	(5)	1,725,828	666,594	
8,626,872	252,723	1,035,940	6,771,146	439,370	59,351	68,842	6,205,488	5,951,093	121,929	107,145	25,321	17,598,101	11,392,613	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
629,256	41,419	45,104	541,270	1,463	(5)	(5)	36,803	16,649	4,705	8,327	8,122	768,519	731,716	
(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)	
1,110,716	39,254	180,753	754,444	94,492	32,773	(5)	5,172,537	4,976,838	46,261	147,875	1,573	7,923,957	2,756,420	
1,098,294	167,115	210,970	569,395	148,739	2,075	(5)	595,205	532,099	21,210	14,536	354	2,228,334	1,699,129	
441,017	59,024	43,743	279,354	50,354	3,142	(5)	987,779	948,633	10,508	12,703	15,845	2,055,281	1,067,502	
926,532	56,072	114,037	606,052	107,235	43,136	(5)	1,244,835	1,201,152	16,965	26,718	(5)	3,386,114	2,141,279	
330,180	51,446	44,201	211,337	23,196	(5)	(5)	869,140	827,534	8,179	12,727	20,700	1,467,023	597,883	
4,599,015	601,879	737,320	2,290,400	898,333	(5)	11,083	5,470,130	5,414,431	34,114	20,144	10,441	13,843,826	8,304,696	
4,677,349	159,703	332,206	4,037,051	17,609	(5)	(5)	5,639,618	5,218,185	194,801	126,632	(5)	14,103,427	8,563,800	
2,500,197	183,308	284,588	1,681,403	359,898	(5)	(5)	3,376,711	3,155,371	124,250	97,090	(5)	6,868,580	3,491,869	
2,211,395	39,285	300,101	1,810,417	61,592	(5)	(5)	3,961,232	3,785,829	164,113	11,290	(5)	6,744,598	2,783,360	
4,430,922	245,082	541,829	3,349,540	214,604	23,975	55,292	3,307,292	3,058,960	132,280	112,337	3,716	10,199,901	6,892,609	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
4,328,956	322,431	656,568	3,265,434	69,322	15,201	(5)	5,190,631	4,379,028	704,605	106,998	(5)	11,558,602	6,367,971	
4,688,382	139,503	506,917	3,364,245	558,461	15,542	13,714	7,756,925	7,525,938	30,661	142,523	7,903	30,184,280	22,427,355	
262,460	36,223	42,111	169,212	7,659	7,055	(5)	376,406	361,705	2,347	12,354	(5)	818,905	442,469	
588,600	60,411	92,569	301,239	26,207	0,210	(5)	579,673	516,819	19,076	43,216	562	1,710,454	1,130,781	
389,526	55,318	42,838	274,816	16,554	(5)	(5)	89,015	69,637	5,269	10,364	3,745	606,621	517,606	
1,158,828	93,428	198,815	765,373	101,212	(5)	(5)	1,620,423	1,520,384	54,483	30,055	9,501	3,312,386	1,691,963	
282,393	48,706	26,209	170,336	28,142	(5)	(5)	199,392	173,562	2,405	6,543	11,882	576,069	377,577	
2,720,480	132,718	362,757	2,070,936	104,738	49,337	(5)	3,144,912	2,947,656	94,014	103,242	(5)	7,352,975	4,208,063	
471,532	111,766	53,989	257,382	48,395	(5)	(5)	873,434	850,957	11,348	9,718	1,411	1,630,404	756,970	
243,826	37,838	26,350	104,493	73,272	1,864	(5)	1,101,053	1,093,093	977	8,983	(5)	1,703,608	602,555	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
4,801,728	109,814	667,343	3,742,806	185,765	175,030	10,970	1,687,401	1,432,174	124,190	73,073	57,964	9,703,809	8,016,408	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
17,638	1,300	1,631	8,127	6,580	(5)	(5)	94,942	92,120	1,385	1,437	(5)	137,880	42,947	
701,629	168,313	182,943	292,570	77,803	(5)	(5)	617,450	598,428	7,998	10,424	600	2,215,271	1,597,821	
854,122	130,353	76,973	639,322	6,364	1,110	(5)	1,726,470	1,712,884	2,185	11,401	(5)	2,865,664	1,130,194	
912,163	86,418	137,651	646,560	41,534	(5)	(5)	1,123,829	972,726	101,518	45,085	4,500	2,453,346	1,329,517	
1,207,682	117,765	140,278	845,570	40,066	10,008	(5)	1,319,568	1,276,444	22,711	17,528	2,885	3,604,969	2,285,401	
3,214,939	409,354	388,071	2,237,998	175,847	3,669	(5)	2,593,818	2,173,806	33,568	83,760	302,684	7,183,708	4,589,890	
3,127,128	196,872	925,441	1,618,740	384,417	(5)	1,658	2,947,888	2,821,067	37,150	38,912	50,750	8,169,819	5,221,931	
2,491,479	275,511	209,169	1,886,506	90,863	5,647	23,793	1,313,233	1,065,804	190,167	55,382	1,880	4,466,971	3,153,738	
153,150	57,628	13,888	79,279	7,355	(5)	(5)	54,985	52,440	1,037	1,508	(5)	275,480	220,495	
19,270,950	735,404	2,695,692	13,867,668	1,896,821	72,411	2,954	17,392,722	10,393,611	681,135	305,030	12,946	46,585,017	29,192,895	
9,433,885	522,792	1,030,472	7,320,800	512,701	43,388	3,642	10,817,819	10,208,277	386,594	116,810	106,138	24,618,145	13,800,326	
1,169,991	156,797	114,111	887,553	41,500	(5)	(5)	3,127,869	3,015,855	62,004	38,163	11,847	5,175,698	2,047,829	
191,006	8,624	5,323	177,059	(5)	(5)	(5)	7,075	8,750	947	2,972	(5)	242,088	234,413	
203,114	14,085	23,609	148,482	16,938	(5)	(5)	499,795	491,978	145	2,597	5,075	884,267	384,472	
603,888	24,535	31,436	301,425	244,500	1,404	588	1,451,370	1,386,005	0,762	5,867	49,746	2,227,431	776,061	

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 ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	6	21	6	437	21	28	354	24		10
2	1	39	14	480	19	62	231	180	4	8
3	1	41	18	259	20	33	144	58		4
4	12	6	3	30	8	2	18	2		
5	17	12	5	257	21	36	181	17		2
6	9									
7	16	14	5	255	19	57	64	113	1	1
8	17	8	1	5,773	10	894	4,736	51	7	75
9	17	4		306	10	67	208	18		3
10	20	5		843	7	73	738	7	18	
11	3	4		60	3	11	43	2	1	
12	3	3	6	99	2	1	96			
13	3	5		431	9	14	404	1	2	1
14	20	5	5	225	6	16	203			
15	12	5		132	3	22	102	4	1	
16	15	3		198	6	16	176			
17	13	15	5	1,510	25	179	1,146	138		22
18	1	3		69		3	66			
19	8	10	2	164	10	27	105	12	2	8
20	1	10	3	280	17	33	191	18	1	
21	8	10	4	102	8	9	62	23		
22	17	11	8	55	5	11	39			
23	17	34	7	1,698	45	276	1,257	78	21	21
24	17	12	11	65	10	7	47	1		
25	17	49	16	2,415	85	247	1,960	109	12	2
26	14	21	3	5,807	66	911	4,530	286		14
27	1	4		693	8	60	606	19		
28	6	9		640	24	43	317	253	2	1
29	17	24	17	284	16	26	224	18		
30	1	4		742	4	113	614	6		5
31	17	5	6	386	5	45	264	68	2	2
32	4	16		10,491	42	1,103	8,686	622		38
33	4	6	4	1,353	5	10	1,335	3		
34	4	14	9	2,380	11	61	2,267	41		
35	4	7	8	466	4	5	455	1		1
36	4	8	3	239	11	25	182	21		
37	17	6	3	725	7	22	684	2		
38	4	10		1,340	28	175	1,098	32	7	
39	6	7	4	417	7	40	344	20		
40	13	4	3	14	1	2	11			
41	20	9		328	12	19	290	7		
42	4	13	5	480	18	24	423	15		
43	20	5	6	253	7	39	171	21	15	
44	13	23	20	165	11	5	148	1		
45	18	18	14	240	13	16	174	36		1
46	14	12	4	1,024	23	122	860	19		
47	20	5		664	8	61	561	34		
48	8	11	3	3,688	15	397	2,977	193	106	
49	8	62	21	3,338	94	899	1,582	747	16	
50	1	3		12	2	10				
51	15	82	64	582	59	45	227	243	2	6
52	15	22	8	441	26	23	384	7		1
53	17	10	2	2,686	13	331	2,059	146	130	1
54	14	7		12,445	7	1,224	11,030	87	96	1
55	9	10		309	26	78	163	52		
56	7	13	4	320	20	49	215	35	1	
57	7	27	2	2,000	38	145	1,754	44	19	
58	10	41	8	2,385	59	183	2,003	140		
59	9	4		19		1	17			
60	8	6		450	8	66	346	25		5
61	8	5	1	1,090	7	85	939	43	16	
62	8	20	3	412	26	237	14	135		
63	20	20	6	257	28	26	188	15		
64	3	3		247	5	20	216	4	2	
65	9	33	27	601	18	42	442	87	8	4
		3		91	2	12	69	3	3	2

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

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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 ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	14	8	3	294	13	43	214	24		
2	1	6	2	138	12	24	91	8		3
3	17	3		407	8	79	308	6		6
4	2	3		101	5	14	80	2		
5	20	4	3	699	10	98	416	122	1	52
6	17	3		455	9	137	219	90		
7	16	6	1	1,055	9	235	698	51	62	
8	3	10	2	3,248	20	131	3,087	10		
9	3	8	1	426	9	34	315	63	5	
10	4	6	1	555	6	38	491	20		
11	11	17	1	2,859	31	307	2,413	97	9	2
12	12	3	2	27	2	5	15	5		
13	1	30	22	275	11	22	181	60		1
14	5	19	25	100		2	96	2		
15	14	3	1	177	6	19	127	20	5	
16	14	34	14	3,018	52	291	2,564	108	3	
17	17	3		1,719	8	313	1,352	20	26	
18	15	18	13	231	17	24	168	21		1
19	20	15	18	163	5	18	103	37		
20	3	3	1	1,747	6	249	1,491	1		
21	3	5		772	8	74	679	11		
22	15	21	8	5,237	27	360	4,727	114		3
23	12	3	2	145	7	2	133	3		
24	17	9	3	1,272	19	201	1,015	18	2	17
25	20	9	5	1,395	16	95	1,202	77	5	
26	14	32	7	2,697	49	176	2,334	46	2	
27	14	7		1,706	13	381	1,295	17		
28	14	7		481	18	85	352	25		
29	20	6	3	399		41	354	4		
30	4	7	2	396	5	22	344	23		2
31	17	9	3	430	8	46	324	27		
32	14	27	5	2,967	45	305	2,249	238	40	25
33	4	5	6	516	3	18	479	16		
34	6	18	9	550	30	34	464	22		
35	6	3	6	21		3	15	3		
36	1	3	2	14			13	1		
37	6	4	6	19	2	1	16			
38	6	4	2	14	1	2	11			
39	14	8	2	1,714	20	225	1,418	34	10	7
40	14	34	13	2,300	59	300	1,930	96	4	1
41	16	15	1	3,709	34	461	2,928	281	4	1
42	4	4	3	321	3	7	311			
43	4	38	31	2,829	37	87	2,694	6		5
44	4	12	2	1,076	12	47	1,003	14		
45	4	11	6	1,100	13	58	992	37		
46	4	8	2	1,659	7	40	1,597	12	1	2
47	12	9	3	1,386	16	67	1,262	35		6
48	6	8	5	258	7	18	220	7		6
49	6	11	10	146	2	13	131			
50	3	35	1	7,041	52	519	6,457	10		3
51	4	5	3	202	3	13	182	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 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
501,063	67,681	67,744	322,237	48,401			839,839	723,352	12,656	9,038	94,793	1,650,546	810,707
(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
657,101	48,010	109,844	412,354	17,716		9,177	280,290	248,885	12,415	18,990		1,051,435	771,145
(9)	(9)	(9)	(9)	(9)		(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
3,390,223	140,525	280,089	2,631,483	28,226			7,197,950	6,933,065	155,342	79,143	20,497	12,474,771	5,276,821
378,998	27,584	40,739	253,859	55,434	1,382		480,459	454,422	17,118	14,919		1,092,474	606,015
568,435	38,292	54,744	398,712	66,687			1,308,104	1,202,897	3,068	5,634	6,505	2,152,231	844,127
3,509,179	203,184	580,812	2,481,598	226,228	15,255	2,102	4,870,488	4,507,371	134,003	195,409	33,705	10,933,503	6,063,015
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
381,602	40,310	36,205	212,096	82,209		1,182	2,862,361	2,815,542	20,345	26,474		3,605,097	743,336
79,322		2,000	75,022	1,400			68,926	55,821	8,150	615	4,340	212,208	143,342
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
4,206,213	291,439	534,167	3,141,605	235,604	3,398		4,506,995	4,228,217	65,281	137,019	75,578	11,149,093	6,642,098
2,574,783	59,359	623,903	1,808,752	40,777	41,092		862,026	790,994	40,754	30,278		3,990,667	3,128,641
332,693	62,984	34,074	201,710	32,866		1,020	387,147	375,397	5,668	5,130	952	856,159	469,012
258,964	24,714	30,838	137,320	61,092			121,703	114,007	1,570	4,844	1,282	504,627	382,924
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
767,053	58,500	127,325	550,841	24,387			1,539,566	1,468,619	27,636	10,184	24,127	2,624,236	1,084,670
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
2,426,007	167,650	531,937	1,590,987	80,474	4,134	42,425	1,905,732	1,642,555	70,384	92,217	100,576	5,130,214	3,224,482
1,728,973	126,718	134,780	1,336,574	110,016	8,285		1,772,445	1,617,005	55,444	86,954		4,048,328	2,275,883
3,125,135	287,091	314,596	2,444,246	74,061	4,241		3,794,312	3,608,722	48,109	79,540	57,941	8,492,826	4,698,514
2,558,571	77,349	629,267	1,819,617	32,338			2,600,038	2,442,464	65,899	85,577	6,998	7,712,773	5,111,835
582,806	52,213	128,614	368,080	33,899			871,370	815,452	23,346	13,060	19,521	1,769,312	897,933
387,317		98,324	271,266	17,727			1,737,504	1,682,503	38,978	15,823	200	3,082,457	1,344,953
312,273	20,530	20,154	236,709	24,880		1,000	786,403	778,140	4,609	3,645		1,314,818	558,415
604,634	57,804	84,027	379,630	43,388		39,785	570,413	540,960	14,403	15,050		1,361,363	790,950
3,827,544	193,477	564,478	2,607,983	380,650	71,956		3,583,219	3,332,052	145,021	98,571	7,675	9,994,214	6,410,995
429,477	9,360	31,088	330,479	58,550			309,060	329,736	936	3,888	34,500	909,130	540,070
506,117	78,382	51,255	427,033	39,447			1,208,559	1,191,507	2,728	7,712	6,612	2,094,644	886,085
21,122		2,553	13,385	5,184			35,327	34,732	289	306		95,054	62,727
9,765			9,179	586			23,710	22,336	880	485		49,816	20,106
17,633	4,410	250	12,073				25,374	24,854	57	463		62,159	30,785
23,542	4,300	4,500	14,742				34,131	33,655	317	159		67,568	33,437
2,072,273	237,065	519,368	1,823,553	65,868	20,056	6,373	4,383,909	4,062,171	241,883	79,855		10,049,046	5,065,137
3,725,957	438,870	519,995	2,538,724	223,612	3,716	1,040	4,220,865	3,954,827	124,895	105,968	35,177	10,163,322	5,942,457
5,314,418	323,350	723,356	3,583,886	671,707	10,157	1,962	6,486,298	6,314,750	58,877	80,990	31,672	16,352,132	9,865,834
251,438	18,934	9,414	223,090				13,856	10,001	817	3,038		309,867	206,011
2,577,710	128,049	143,501	2,297,449	5,140		3,571	266,517	234,484	4,937	27,096		3,317,191	3,050,674
984,637	92,361	75,121	789,039	28,116			1,851,921	1,824,967	2,297	10,484	14,173	3,509,153	1,657,232
862,096	98,686	82,442	612,710	68,258			1,778,868	1,546,203	1,366	11,562	219,737	2,936,023	1,157,155
1,110,202	38,445	56,723	990,234	15,910	971	2,000	3,168,289	3,149,783	404	13,999	4,103	4,660,524	1,492,235
1,092,967	94,190	101,505	820,227	70,977		6,008	2,034,789	2,015,801	2,258	8,403	8,327	3,505,074	1,470,285
304,184	53,525	28,251	203,683	12,115		6,610	496,754	481,604	2,441	9,976	2,733	928,256	431,592
155,793	5,183	17,740	132,864				303,041	297,791	2,909	2,341		624,264	321,223
8,197,724	376,526	1,028,374	6,743,702	44,784		4,388	21,524,063	20,732,973	497,406	168,882	124,802	34,037,187	13,413,124
150,560	6,700	23,532	123,037	6,300			351,908	340,429	75	2,269	3,145	689,863	337,955

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR

Group No.	INDUSTRY	*Num- ber of estab- lish- ments	*Propri- etors and firm mem- bers	*PERSONS EMPLOYED 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	Other industries ⁶	384	131	61,629	522	7,363	50,599	2,519	443	183
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁶									
2	1 Food and kindred products	39	24	1,357	38	154	988	157	13	7
3	3 Textile-mill products and other fiber manufactures	46	11	7,708	61	785	6,791	58	12	1
4	4 Apparel and other finished products made from fabrics and similar mate- rials	36	19	2,292	37	117	1,951	171	15	1
5	6 Furniture and finished lumber products	10	4	301	12	24	218	45		2
6	7 Paper and allied products	7	3	474	6	30	395	32	11	
7	8 Printing, publishing, and allied industries	10	3	1,496	17	114	1,229	107	29	
8	9 Chemicals and allied products	36	3	5,842	44	729	4,626	311	111	21
9	11 Rubber products	4		6,572	13	580	5,571	338	70	
10	12 Leather and leather products	11	7	426	13	36	366	11		
11	13 Stone, clay, and glass products	12		2,000	25	217	1,453	302	1	2
12	14 Iron and steel and their products, except machinery	22	7	2,016	34	243	1,664	70	5	
13	15 Nonferrous metals and their products	41	15	7,145	50	522	6,391	168	11	3
14	16 Electrical machinery	24	4	7,952	36	1,227	6,326	206	76	81
15	17 Machinery (except electrical)	24	2	2,148	41	400	1,536	161		10
16	20 Miscellaneous industries	40	24	3,794	54	463	2,886	285	54	52
17	19 Transportation equipment except automobiles	19	4	9,767	38	1,668	7,928	95	35	3
	2 Tobacco manufactures	1								
	10 Products of petroleum and coal	2	1	339	3	54	280	2		

⁶As 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.

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 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	
89,034,812	3,763,003	14,731,201	64,870,534	4,703,284	636,067	330,733	170,865,640	158,912,197	2,744,039	2,287,463	6,921,941	350,527,541	179,061,901	1
1,950,828	279,575	251,244	1,096,733	280,680	27,841	14,953	10,047,095	10,819,679	64,581	62,835	-----	15,737,410	4,790,315	2
9,216,970	305,361	1,517,834	7,272,764	97,348	20,009	3,654	14,269,658	13,535,628	486,159	148,777	99,094	31,172,523	16,902,865	3
2,497,878	236,095	162,484	1,750,108	315,249	32,874	468	4,827,197	4,673,963	20,648	38,143	94,443	9,602,619	4,775,422	4
417,989	49,559	36,928	257,953	71,774	-----	1,775	730,902	707,136	11,787	10,559	1,420	1,309,386	578,484	5
652,020	54,590	80,079	432,241	68,276	46,834	-----	1,071,845	1,039,484	10,314	12,471	9,576	2,222,630	1,150,785	6
2,527,595	209,654	227,787	1,829,320	219,229	41,605	-----	3,163,826	2,232,818	33,473	46,045	851,490	9,701,385	6,537,559	7
7,958,866	312,518	1,425,162	5,438,822	613,087	145,284	23,993	18,212,181	17,228,299	477,162	502,120	4,600	39,185,984	20,973,803	8
8,284,194	116,502	951,724	6,667,792	388,923	139,253	-----	12,448,058	12,014,155	143,328	291,475	-----	22,387,861	9,938,903	9
520,836	61,110	81,479	362,109	16,138	-----	-----	852,017	814,631	17,375	15,277	4,734	1,800,554	948,537	10
2,868,732	198,211	400,541	1,740,202	526,640	1,938	1,200	2,763,686	2,638,766	116,812	109,608	-----	6,479,803	3,716,117	11
3,252,681	225,317	513,096	2,349,052	158,561	6,655	-----	5,038,564	4,248,864	415,081	279,626	94,093	10,288,118	5,249,554	12
9,871,319	321,388	889,141	8,344,585	294,638	20,666	911	30,706,972	30,214,609	237,603	182,889	71,871	50,966,489	20,250,517	13
11,439,631	297,481	2,677,402	7,858,906	427,484	54,723	123,635	22,371,886	21,782,375	326,445	120,300	162,766	45,007,938	22,636,052	14
3,640,445	329,779	899,822	2,008,239	392,473	-----	10,132	4,732,348	4,508,517	57,772	55,885	50,174	12,532,506	7,800,158	15
5,162,688	388,273	778,285	3,149,441	636,309	65,989	144,391	6,597,663	6,301,395	78,293	97,167	120,808	16,468,366	9,870,703	16
18,792,142	376,900	3,838,193	14,312,267	196,475	62,596	5,621	32,130,842	28,211,878	248,706	314,286	5,355,972	75,063,969	43,533,127	17

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 each industrial area, 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

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other
						Salaried employ- ees ²	Wage earners (average for year) ³			
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA										
1	All industries, total.....	1,728	813	157,811	1,936	17,304	128,306	8,353	1,437	385
2	19 Aircraft and parts, including aircraft engines.....	4	1	1,299	11	287	900	7	4	—
3	15 Alloying and rolling and drawing of nonferrous metals, except aluminum.....	19	—	17,317	36	1,836	14,486	309	649	1
4	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	5	2	778	5	57	713	3	—	—
5	8 Books: printing without publishing.....	9	3	529	13	56	449	11	—	—
6	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	234	223	2,441	41	180	1,929	283	3	35
7	20 Buttons.....	4	—	658	9	57	531	61	—	—
8	1 Candy and other confectionery products.....	8	4	588	15	67	430	63	11	2
9	4 Canvas products (except bags).....	3	3	28	—	5	19	4	—	—
10	6 Caskets, coffins, burial cases, and other morticians' goods.....	5	1	88	6	21	45	13	—	3
11	9 Chemicals not elsewhere classified.....	4	—	813	4	182	569	51	6	1
12	2 Cigars.....	18	17	459	7	17	418	16	1	—
13	9 Cleaning and polishing preparations, blackings, and dressings.....	7	1	32	5	10	10	7	—	—
14	15 Clocks, watches, and materials and parts (except watchcases).....	3	—	4,040	18	354	3,509	151	17	—
15	9 Coal-tar products, crude and intermediate.....	3	—	18	—	6	12	—	—	—
16	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	3	—	127	5	7	113	2	—	—
17	13 Concrete products.....	21	12	201	11	19	146	23	2	—
18	7 Converted paper products not elsewhere classified.....	5	—	244	3	22	203	16	—	—
19	4 Corsets and allied garments.....	16	3	3,631	37	432	2,636	518	—	8
20	14 Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	15	6	2,537	13	213	2,136	124	14	37
21	9 Drugs and medicines (including drug grinding).....	5	—	627	10	111	480	26	—	—
22	3 Dyeing and finishing cotton, rayon, silk, and linen textiles.....	6	1	522	13	61	447	1	—	—
23	16 Electrical appliances.....	5	—	2,001	10	222	1,472	277	7	13
24	15 Electroplating, plating, and polishing.....	13	7	388	12	49	312	11	4	—
25	14 Enamelled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	6	1	532	5	82	431	14	—	—
26	8 Engraving (steel, copperplate, and wood); plate printing.....	5	3	135	7	11	104	13	—	—
27	20 Fabricated plastic products, not elsewhere classified.....	10	—	1,354	16	117	1,198	21	2	—
28	9 Fertilizers.....	3	—	83	3	11	52	17	—	—
29	3 Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	5	1	243	5	13	217	8	—	—
30	9 Fireworks.....	3	—	90	7	7	72	4	—	—
31	20 Games and toys (except dolls and children's vehicles).....	10	4	891	9	77	737	62	6	—
32	8 General commercial job printing.....	91	54	1,024	78	126	781	36	3	—
33	16 Generating, distributing, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	7	1	670	11	188	446	25	—	—
34	14 Gray-iron and semisteel castings.....	14	2	957	24	60	840	33	—	—
35	14 Hardware not elsewhere classified.....	23	4	7,253	47	875	5,618	687	23	3
36	3 Hat bodies and hats, fur-felt.....	22	—	6,473	60	534	5,732	119	25	3
37	3 Hatters' fur.....	24	15	1,272	24	65	1,167	16	—	—
38	6 Household furniture, except upholstered.....	13	3	313	9	15	257	22	—	10
39	1 Ice cream and ices.....	23	4	311	15	36	151	106	3	—
40	1 Ice, manufactured.....	21	9	155	13	21	89	28	—	4
41	17 Industrial machinery, not elsewhere classified.....	8	3	165	16	25	165	17	—	2
42	9 Insecticides, fungicides, and related industrial and household chemical compounds.....	10	4	199	14	51	48	85	1	—
43	3 Knitted outerwear (except knit gloves)—contract factories.....	3	6	99	2	1	96	—	—	—
44	13 Lighting fixtures.....	15	5	1,510	25	179	1,146	138	—	22
45	1 Liquors, rectified or blended.....	7	2	32	—	7	25	—	—	—
46	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	6	2	151	11	19	131	9	1	—
47	1 Macaroni, spaghetti, vermicelli, and noodles.....	4	1	59	4	4	37	14	—	—
48	8 Machine and hand typesetting (including advertisement typesetting).....	5	3	27	2	6	19	—	—	—
49	17 Machine-shop products, not elsewhere classified.....	23	6	1,408	31	239	1,045	54	21	18
50	17 Machine-shop repairs.....	7	7	40	7	4	28	1	—	—
51	17 Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	26	10	966	36	110	736	82	—	2
52	1 Malt liquors.....	6	—	459	16	30	241	169	2	1
53	6 Mattresses and bedsprings.....	14	10	211	9	19	167	16	—	—
54	17 Mechanical power-transmission equipment.....	7	—	3,168	21	412	2,595	136	—	4
55	4 Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	6	4	1,353	5	10	1,335	3	—	—
56	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	5	1	230	7	22	180	21	—	—
57	4 Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	2	602	5	10	585	2	—	—
58	17 Metalworking machinery and equipment, not elsewhere classified.....	6	—	949	16	110	802	14	7	—
59	4 Millinery.....	4	2	315	2	37	265	11	—	—
60	20 Miscellaneous fabricated products not elsewhere classified.....	6	—	249	10	12	222	5	—	—
61	20 Models and patterns (except paper patterns).....	16	14	134	10	4	119	1	—	—
62	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	8	7	87	6	5	47	28	—	1
63	18 Motor vehicles, motor-vehicle bodies, parts and accessories.....	9	3	943	18	114	794	17	—	—
64	20 Needles, pins, hooks and eyes, and slide and snap fasteners.....	6	—	1,870	8	242	1,365	153	102	—
65	8 Newspapers: publishing and printing.....	32	9	1,913	56	502	888	467	—	—
66	1 Nonalcoholic beverages.....	45	37	330	27	26	114	161	—	2
See footnotes at end of table.										

See footnotes at end of table.

CONNECTICUT

157

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other Industries") and by industry groups. Certain of the industries 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 ¹
Total ²	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
		Salaries ²	Wages										
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA													
Dollars 215,929,804	Dollars 12,936,803	Dollars 33,170,543	Dollars 150,993,000	Dollars 15,893,259	Dollars 2,291,707	Dollars 644,483	Dollars 328,869,811	Dollars 310,554,882	Dollars 7,863,964	Dollars 6,029,774	Dollars 4,421,191	Dollars 722,554,276	Dollars 393,684,465
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
27,558,078	429,711	4,384,533	20,782,381	926,506	1,064,047	900	62,796,526	50,185,704	2,215,836	1,344,714	50,272	120,767,084	57,970,558
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
850,571	113,035	135,376	571,226	30,934	---	---	539,404	487,464	7,593	14,807	---	1,068,653	1,129,249
3,205,391	179,032	272,033	2,401,400	302,631	4,620	45,066	5,468,524	5,158,742	192,541	117,241	29,540	11,480,433	6,017,909
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
39,533	---	7,042	25,599	0,892	---	---	67,696	66,245	913	538	---	127,524	59,828
196,396	79,246	37,460	54,972	21,798	---	2,920	184,924	173,397	3,482	3,045	---	782,862	507,938
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
471,256	31,397	30,080	380,114	26,498	3,167	---	563,538	554,301	5,848	3,389	---	1,432,935	869,397
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
4,332,432	134,313	491,138	3,485,939	195,379	25,663	---	2,859,297	2,743,775	49,789	47,257	18,476	8,447,464	5,588,167
(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)
276,437	54,618	27,037	163,586	27,454	3,142	---	550,317	519,029	6,241	9,202	15,845	1,178,525	626,208
290,068	20,972	35,821	214,919	24,356	---	---	406,515	390,639	3,324	12,552	---	930,530	524,015
4,599,015	661,879	737,320	2,290,400	898,383	---	11,083	5,479,130	5,414,431	34,114	20,144	10,441	13,843,826	8,364,696
2,000,102	124,197	377,844	2,149,860	177,944	23,975	55,292	2,012,174	1,893,058	55,592	63,524	(5)	5,964,299	3,952,125
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
747,750	136,174	135,272	472,343	3,970	---	---	654,710	513,395	113,378	27,937	---	1,857,951	1,203,241
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
492,188	64,902	84,345	310,699	23,032	9,210	---	531,878	478,059	12,728	40,917	174	1,485,221	953,343
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
182,362	31,214	19,759	106,781	24,608	---	---	169,831	152,308	1,455	4,506	11,562	394,990	225,159
(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)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
793,341	58,660	100,365	558,548	69,568	6,200	---	931,124	907,047	11,354	12,123	---	2,623,430	1,692,306
1,499,665	245,230	184,680	1,007,181	58,905	3,669	---	964,686	800,722	17,570	41,562	101,832	3,160,699	2,196,013
1,143,785	57,566	428,251	612,169	45,799	---	---	811,098	745,224	14,528	19,09	32,250	2,245,142	1,434,044
1,262,440	116,900	117,407	956,522	71,611	---	---	996,112	576,970	89,978	27,743	1,421	2,308,389	1,612,277
0,147,430	289,858	1,428,479	0,185,255	1,232,953	17,931	2,954	7,067,025	6,674,605	287,120	134,100	1,200	19,173,656	12,076,031
0,433,885	522,792	1,030,472	7,320,890	512,701	43,388	3,642	10,817,819	10,208,277	386,594	116,810	100,138	24,618,145	13,800,326
1,190,961	156,797	114,111	887,553	41,500	---	---	3,127,899	3,015,855	62,004	38,163	11,847	5,175,098	2,047,829
380,498	46,520	29,743	245,401	42,615	---	16,219	797,554	784,557	3,005	9,902	---	1,307,088	509,534
440,311	47,903	51,274	170,699	166,224	4,241	---	1,354,171	1,287,136	16,957	50,078	---	2,724,409	1,370,238
241,447	48,572	41,065	112,325	37,622	---	1,883	150,883	43,681	40,932	66,270	---	881,627	730,744
283,367	81,360	36,952	132,740	30,224	---	2,082	284,677	275,296	3,190	5,301	791	817,223	532,546
423,727	121,357	81,417	52,722	106,906	1,325	---	499,162	488,505	3,986	6,671	---	1,279,845	780,683
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
2,013,343	162,625	361,385	1,177,837	243,502	---	77,994	2,319,237	2,178,760	52,926	69,451	18,100	5,350,852	3,031,015
(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)
60,956	8,368	5,616	34,961	12,011	---	---	179,466	168,078	3,554	7,834	---	279,460	99,994
49,034	8,347	8,922	31,765	---	---	---	19,334	17,011	553	1,143	---	102,013	82,629
2,047,608	128,787	337,412	1,383,876	137,641	30,680	20,212	1,987,094	1,802,250	81,341	102,248	1,765	5,545,259	3,587,655
04,859	14,716	4,241	44,935	967	---	---	38,055	34,767	947	2,341	---	136,592	98,537
1,567,892	175,227	237,258	993,132	190,737	---	1,638	587,779	511,763	20,505	38,689	16,822	2,810,610	2,222,837
906,423	109,800	67,533	395,638	328,459	4,000	993	935,672	845,652	53,209	36,811	---	3,014,307	2,078,635
303,431	70,692	23,635	186,091	23,043	---	---	609,875	601,375	4,341	4,159	---	1,128,000	518,125
5,274,999	285,180	833,368	3,750,903	397,321	---	8,227	3,330,082	3,115,387	57,899	156,796	---	14,817,556	11,487,474
886,696	36,500	16,632	831,482	2,082	---	---	112,536	98,547	3,253	10,736	---	1,153,268	1,049,732
294,149	35,825	50,827	160,650	37,847	---	---	621,286	430,445	2,702	3,833	175,306	1,055,469	434,183
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1,644,765	149,106	261,423	1,178,533	47,508	8,195	---	856,361	779,460	40,166	36,745	---	3,035,156	2,178,795
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
221,764	33,507	17,301	167,266	3,690	---	---	200,426	250,323	4,493	5,545	65	586,800	326,374
284,146	64,487	3,975	218,184	7,500	---	---	65,017	57,170	2,775	4,141	931	442,550	377,533
131,041	25,120	10,715	60,789	33,819	---	598	159,366	152,517	688	6,161	---	327,094	167,728
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
3,258,060	311,869	951,293	1,414,458	580,479	---	---	1,337,738	1,209,901	37,476	66,264	24,097	6,670,893	5,333,155
426,050	75,436	31,981	105,111	211,197	---	2,325	793,327	700,397	18,035	14,895	---	1,954,460	1,161,133

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS						
				Total 1	Salaried officers of corporations 2	Manufacturing		Distrib- ution	Constru- tion	Other
						Salaried employ- ees 3	Wage earners (average for year) 3			
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Con.										
1 15	Nonferrous-metal foundries (except aluminum)	15	7	254	16	14	218	5		1
2 15	Nonferrous-metal products not elsewhere classified *	7		2,521	11	318	1,913	144	134	1
3 14	Oil burners, domestic and industrial	6		234	17	69	110	38		
4 9	Paints, varnishes, and lacquers	10	4	250	13	41	172	23	1	
5 7	Paper and paperboard mills	5		586	8	51	501	26		
6 7	Paperboard containers and boxes not elsewhere classified	24	7	1,755	38	129	1,461	127		
7 6	Partitions, shelving, cabinet work, and office and store fixtures	3	1	25	5	1	17	2		
8 8	Periodicals: publishing without printing	17	3	351	19	220	14	128		
9 8	Photoengraving, not done in printing establishments (including preparation of plates)	11	3	155	11	16	122	6		
10 20	Photographic apparatus and materials and projection equipment (except lenses)	3		247	5	20	216	4	2	
11 5	Planing mills not operated in conjunction with sawmills	18	10	245	6	29	160	46		4
12 1	Prepared feeds (including mineral) for animals and fowls	3	1	41	5	4	21	8		3
13 17	Pumping equipment and air compressors	3		455	9	137	219	90		
14 3	Rayon narrow fabrics	4	1	232	3	17	151	61		
15 4	Robes, lounging garments, and dressing gowns	3		433	6	29	387	11		
16 1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	16	13	143	4	11	92	35		1
17 5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	3	26		2	22	2		
18 14	Screw-machine products and wood screws	14	8	567	15	50	475	27		
19 15	Sheet-metal work not specifically classified	12	7	144	12	15	102	14		1
20 19	Shipbuilding and ship repairing	5	2	101	7	8	85	1		
21 20	Signs, advertising displays, and advertising novelties	10	8	126	4	14	71	37		
22 14	Stamped and pressed metal products (except automobile stampings)	24	5	2,423	40	155	2,181	45	2	
23 20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	1	148		20	124	4		
24 4	Suspenders, garters, and other goods made from purchased elastic material	4	1	344	5	20	294	23		2
25 14	Tools (except edge tools, machine tools, files, and saws)	11	2	504	18	69	403	14		
26 6	Upholstered household furniture	10	4	311	14	17	274	6		
27 6	Window shades *	4	2	14	1	2	11			
28 14	Wire drawn from purchased rods	8	2	1,714	20	225	1,418	34	10	7
29 14	Wirework not elsewhere classified	23	9	731	29	97	554	47	4	
30 16	Wiring devices and supplies	6		1,486	18	235	1,112	121		
31 4	Women's and misses' blouses and waists—made in contract factories	4	3	321	3	7	311			
32 4	Women's and misses' dresses (except house dresses)—made in contract factories	32	27	2,556	31	82	2,434	6		3
33 4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	5	2	328	5	22	293	8		
34 4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics *	11	6	1,100	13	58	992	37		
35 4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics *	8	2	1,659	7	40	1,597	12	1	2
36 12	Women's pocketbooks, handbags, and purses	9	3	1,386	16	67	1,262	35		6
37 4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified *	5	3	202	3	13	182	4		
38	Other industries *	558	181	71,177	748	8,483	57,836	3,401	506	203
OTHER INDUSTRIES, BY INDUSTRY GROUPS *										
39 1	Food and kindred products	34	16	1,088	27	123	778	142	13	5
40 3	Textile-mill products and other fiber manufactures	37	8	4,539	49	432	3,948	105	5	
41 4	Apparel and other finished products made from fabrics and similar materials	84	58	7,097	74	281	6,360	361	16	5
42 6	Furniture and finished lumber products	10	11	208	2	19	181	6		
43 8	Printing, publishing, and allied industries	40	8	1,907	57	348	1,222	260	20	
44 9	Chemicals and allied products	48	5	4,889	54	741	3,792	257	30	15
45 11	Rubber products	18	1	8,706	36	829	7,336	429	74	2
46 12	Leather and leather products	11	3	699	20	62	606	10	1	
47 13	Stone, clay, and glass products	25	2	1,486	41	119	1,165	159		2
48 14	Iron and steel and their products, except machinery	59	16	7,258	90	1,008	5,860	217	74	9
49 15	Nonferrous metals and their products	32	12	6,419	39	470	5,756	151		3
50 16	Electrical machinery	32	3	10,529	59	1,543	8,193	551	89	94
51 17	Machinery (except electrical)	45	6	7,115	95	1,278	5,367	303	56	16
52 20	Miscellaneous industries	66	23	6,529	68	763	5,099	423	124	52
53 10	Products of petroleum and coal	4		343	3	55	284	1		
18	Automobiles and automobile equipment	9	3	943	18	114	794	17		
19	Transportation equipment except automobiles	11	4	1,374	13	293	1,057	7	4	
2	Tobacco manufactures	1								
7	Paper and allied products	2	2	48	3	5	38	2		

See footnotes at end of table.

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												
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued															
<i>Dollars</i> 325,157 3,448,126 614,249 (⁵) 930,119	<i>Dollars</i> 39,972 115,619 102,801 (⁵) 56,757	<i>Dollars</i> 28,899 590,439 133,024 (⁵) 146,030	<i>Dollars</i> 250,547 2,246,835 160,198 (⁵) 681,278	<i>Dollars</i> 4,429 310,475 118,220 (⁵) 46,054	<i>Dollars</i> 177,295 (⁵) (⁵) (⁵) (⁵)	<i>Dollars</i> 1,310 1,403 (⁵) (⁵) (⁵)	<i>Dollars</i> 596,884 4,805,314 906,874 (⁵) 2,583,122	<i>Dollars</i> 547,524 4,641,687 868,705 (⁵) 2,279,580	<i>Dollars</i> 26,578 25,602 6,053 (⁵) 250,640	<i>Dollars</i> 12,848 82,897 6,313 (⁵) 52,902	<i>Dollars</i> 9,934 55,128 25,803 (⁵) (⁵)	<i>Dollars</i> 1,099,019 10,855,220 1,693,201 (⁵) 4,530,910	<i>Dollars</i> 502,135 6,049,906 780,327 (⁵) 1,947,788	1 2 3 4 5	
2,395,614 25,479 (⁵)	259,744 8,759 (⁵)	203,901 732 (⁵)	1,583,886 14,962 (⁵)	288,083 1,026 (⁵)			3,418,087 31,133 (⁵)	3,345,733 28,832 (⁵)	27,408 465 (⁵)	17,446 416 (⁵)	27,500 1,420 (⁵)	7,731,697 78,456 (⁵)	4,313,610 47,323 (⁵)	6 7 8	
441,037 (⁵)	48,279 (⁵)	48,250 (⁵)	340,015 (⁵)	5,393 (⁵)			84,549 (⁵)	64,904 (⁵)	1,929 (⁵)	6,395 (⁵)	11,321 (⁵)	673,038 (⁵)	588,489 (⁵)	9 10	
360,792 (⁵)	2,365 (⁵)	54,573 (⁵)	241,824 (⁵)	57,024 (⁵)		5,006 (⁵)	703,439 (⁵)	674,632 (⁵)	7,598 (⁵)	21,200 (⁵)		1,201,294 (⁵)	497,855 (⁵)	11 12	
204,201 (⁵)	7,700 (⁵)	17,841 (⁵)	133,062 (⁵)	45,598 (⁵)			201,059 (⁵)	187,817 (⁵)	6,014 (⁵)	7,228 (⁵)		500,355 (⁵)	299,296 (⁵)	13 14	
187,529	11,770	19,830	104,908	49,779		1,182	1,324,048	1,298,820	11,419	13,509		1,636,547	312,499	16	
18,303 750,088 233,150 166,776	 62,745 46,078 28,125	 99,893 23,513 9,657	 533,223 137,060 127,433	 54,807 23,989 1,560			 1,268,860 237,201 102,760	 1,207,218 230,680 102,760	 19,564 3,390 970	 30,434 3,101 2,419	 5,644	 2,365,020 539,102 267,718	 1,096,160 301,991 267,718	17 18 19 20	
 204,688 2,927,248 (⁵) (⁵) 620,760	 22,514 260,007 (⁵) (⁵) 80,199	 25,872 286,358 (⁵) (⁵) 98,339	 95,190 2,305,330 (⁵) (⁵) 413,453	 61,092 71,312 (⁵) (⁵) 28,769	 4,241 (⁵) (⁵) (⁵) (⁵)	 (⁵) (⁵) (⁵) (⁵) (⁵)	 94,835 3,600,250 (⁵) (⁵) 627,394	 89,647 3,431,432 (⁵) (⁵) 580,680	 1,258 43,258 (⁵) (⁵) 20,372	 3,327 73,619 (⁵) (⁵) 20,342	 603 57,941 (⁵) (⁵) (⁵)	 390,618 8,033,111 (⁵) (⁵) 1,749,522	 295,783 4,426,861 (⁵) (⁵) 1,122,128	21 22 23 24 25	
338,510 23,542 2,672,273 1,066,191	 33,392 4,300 237,055 210,947	 28,833 4,500 519,358 146,590	 264,000 14,742 1,823,553 606,211	 12,285 54,807 65,868 101,727	 20,056 3,716	 6,373	 528,321 34,131 4,383,909 1,514,514	 522,245 33,655 4,062,171 1,440,476	 1,817 317 241,883 25,190	 4,259 159 70,855 32,818	 26,342 159 70,855 16,030	 982,952 67,568 10,049,046 3,534,311	 454,631 33,437 5,065,137 2,019,797	26 27 28 29	
2,091,975 251,438	155,071 18,934	281,346 9,414	1,234,475 223,090	420,483 (⁵)			3,072,677 13,856	3,017,446 10,001	28,786 817	10,844 3,038	15,601	7,070,077 309,867	3,998,000 296,011	30 31	
2,376,635	116,792	139,430	2,111,924	5,149		2,340	267,050	229,987	3,579	24,084		3,074,727	2,817,077	32	
366,583	20,631	34,464	305,503	5,985			479,288	472,549	1,780	4,959		1,060,968	581,680	33	
862,090	98,686	82,442	612,710	68,258			1,778,868	1,546,203	1,366	11,562	219,737	2,936,023	1,157,155	34	
1,110,292 1,092,967	38,445 94,190	56,723 101,565	996,234 820,227	15,919 70,977	971	2,000 6,008	3,168,289 2,034,789	3,149,783 2,015,801	404 2,258	13,999 8,403	4,103 8,327	4,660,524 3,505,074	1,492,235 1,470,285	35 36	
169,509	6,700	23,532	123,037	6,300			351,908	346,429	75	2,259	3,145	689,863	337,955	37	
98,381,507	5,267,504	16,304,490	69,051,416	6,570,287	832,937	354,873	167,368,740	158,290,304	3,082,231	2,669,893	3,326,312	357,476,023	190,107,283	38	
1,576,744 5,278,942	170,745 332,509	200,842 751,290	911,271 3,949,312	254,963 234,301	27,641 8,003	11,282 3,527	7,806,480 12,064,680	7,700,707 11,686,470	58,255 261,102	47,518 90,613		11,450,139 21,688,403	3,643,659 9,623,783	39 40	
6,422,052 215,162 3,591,680	358,368 8,320 368,656	459,974 25,541 654,760	4,867,961 171,690 2,044,285	698,167 9,601 490,786	34,278 (⁵) 33,193	3,304	11,276,227 703,435 5,734,067	10,938,919 684,644 3,141,733	35,572 9,035 38,959	75,494 7,023 57,518	226,242 2,733 2,495,857	21,604,434 1,100,059 14,935,528	10,328,207 396,624 9,201,461	41 42 43	
6,796,379 11,014,883 797,887 2,137,357 10,708,489	297,455 1,441,008 84,781 200,883 585,798	1,393,273 1,441,008 128,765 230,086 1,791,141	4,568,050 8,539,993 570,827 1,430,388 7,726,640	468,045 602,626 11,404 274,800 490,647	50,884 147,866 1,110 (⁵) 103,898	18,672 2,102 (⁵) 1,200 10,970	17,935,130 16,276,171 1,607,931 1,683,349 12,477,807	17,134,109 15,542,718 1,669,539 1,414,019 11,085,519	380,735 240,956 19,211 105,550 742,743	415,086 458,792 19,181 103,780 476,622	4,600 33,705 (⁵) (⁵) 172,923	38,169,793 31,225,655 2,915,030 4,759,952 29,927,030	20,204,663 14,949,484 1,307,099 3,076,603 17,449,223	44 45 46 47 48	
9,112,258 14,822,861 12,034,400 8,693,368	234,966 512,410 978,780 487,729	811,500 3,250,150 2,747,806 1,374,813	7,819,154 9,857,196 8,016,580 5,508,622	243,126 998,380 766,640 934,262	2,601 67,376 104,295 243,551	911 137,349 20,789 144,391	29,620,091 26,327,646 8,289,157 9,338,670	29,163,777 25,611,330 7,768,450 8,925,583	222,307 365,909 207,345 195,681	169,643 180,803 254,608 193,134	64,964 109,004 58,754 24,272	48,821,353 67,617,216 26,289,075 22,825,781	19,200,662 41,289,570 17,999,918 13,487,111	49 50 51 52	
4,579,055	365,421	1,042,441	3,069,447	92,639	8,741	366	6,227,299	5,922,787	138,871	119,478	46,163	14,116,515	7,889,216	53	

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ²			
HARTFORD INDUSTRIAL AREA										
1	All industries, total	671	312	75,041	850	8,012	62,244	3,337	473	125
2	19 Aircraft and parts, including aircraft engines	4		5,443	15	930	4,407	78	13	
3	15 Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3	16		3	13			
4	1 Bread and other bakery products (except biscuit, crackers, and pretzels)	83	74	1,436	35	96	1,150	142		13
5	13 Brick and hollow structural tile	8	3	258	13	15	218	5	6	1
6	20 Brushes	3	2	638		93	419	96	30	
7	4 Canvas products (except bags)	3		27	4	2	19	2		
8	9 Cleaning and polishing preparations, blackings, and dressings	6	2	189	3	25	139	22		
9	13 Concrete products	3	2	46		5	41			
10	7 Converted paper products not elsewhere classified ^a	4		471	4	40	357	42	28	
11	14 Cutlery (except aluminum, silver, and plated cutlery) and edge tools	5	3	924	7	72	824	21		
12	14 Enamelled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3		220	6	10	184	20		
13	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	4	157	9	15	116	17		
14	14 Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	2	141	4	14	122	1		
15	8 General commercial (job) printing	54	29	921	42	102	723	54		
16	16 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified ^a	8		1,239	18	274	810	136		1
17	14 Hardware not elsewhere classified	10	1	6,563	19	551	5,696	257	40	
18	6 Household furniture, except upholstered	8	3	124	12	13	97	2		
19	1 Ice cream and ice	9	7	108		16	59	25		8
20	1 Ice, manufactured	8	2	31	2	1	21	7		
21	9 Insecticides, fungicides, and related industrial and household chemical compounds ^a	4		57	5	6	17	28		1
22	1 Liquors, rectified or blended	3		132	10	20	80	12	2	8
23	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	1	109	6	14	80	9		
24	1 Macaroni, spaghetti, vermicelli, and noodles	4	3	10		1	8	1		
25	8 Machine and hand typesetting (including advertisement typesetting)	6	5	28	3	5	20			
26	17 Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	20	6	1,186	45	110	993	26	12	
27	17 Machine tools	7	1	3,245	26	534	2,464	220		1
28	1 Malt liquors	3		181	8	13	76	84		
29	17 Mechanical power-transmission equipment ^a	9		7,267	21	635	6,091	486		34
30	20 Models and patterns (except paper patterns)	7	6	30	1	1	28			
31	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	6	36	4	2	24	6		
32	18 Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	81	5	8	66	2		
33	8 Newspapers, publishing and printing	11	2	1,038	15	297	467	243	16	
34	1 Nonalcoholic beverages	23	18	158	17	13	77	47		4
35	12 Nonferrous-metal foundries (except aluminum)	4	1	58	5	4	47	2		
36	17 Office and store machines not elsewhere classified	3		9,598	1	851	8,589		66	1
37	7 Paper and paperboard mills	13		822	16	60	734	7	5	
38	7 Paperboard containers and boxes not elsewhere classified	7		147	14	9	123	1		
39	8 Periodicals publishing without printing	3		31	7	17		7		
40	5 Planing mills not operated in conjunction with sawmills	7	10	105	6		83	10		
41	12 Saddlery, harness, and whips	3	2	27	2	5	15	5		
42	1 Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	6	124	7	9	85	23		
43	14 Screw-machine products and wood screws	16	6	2,294	32	224	1,965	70	3	
44	20 Sporting and athletic goods not elsewhere classified	5	3	263	8	24	212	14	5	
45	14 Steam fittings, regardless of material	3		463	6	60	386	11		
46	14 Tools (except edge tools, machine tools, files, and saws)	13	2	2,441	24	326	1,827	224	40	
47	6 Upholstered household furniture ^a	8	5	239	16	17	190	16		
48	6 Window and door screens and weather strip	4	6	19	2	1	16			
49	14 Wirework not elsewhere classified	8	1	1,382	22	181	1,132	46		1
50	16 Wiring devices and supplies	5		2,108	14	213	1,716	160	4	1
51	4 Women's and misses' dresses (except house dresses)—made in inside factories or by jobber engaging contractors	7		749	7	25	711	6		
52	6 Wooden boxes except cigar boxes	4	3	92	3	3	84	2		
53	6 Wood products not elsewhere classified	3	3	33	1	4	28			
54	3 Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3		619	9	57	544	9		

See footnotes at end of table.

CONNECTICUT

161

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										
HARTFORD INDUSTRIAL AREA													
Dollars 108, 871, 761	Dollars 5, 460, 022	Dollars 15, 473, 948	Dollars 80, 424, 117	Dollars 6, 611, 691	Dollars 724, 106	Dollars 177, 877	Dollars 121, 947, 875	Dollars 109, 886, 361	Dollars 2, 867, 931	Dollars 2, 835, 707	Dollars 6, 357, 976	Dollars 326, 666, 843	Dollars 204, 718, 868
(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
1, 929, 336 324, 247 (²)	87, 071 61, 491 (²)	167, 762 25, 799 (²)	1, 559, 256 226, 344 (²)	109, 536 5, 634 (²)	599 3, 032 (²)	15, 112 1, 047 (²)	3, 500, 400 125, 760 (²)	3, 335, 528 34, 443 (²)	100, 804 60, 632 (²)	64, 158 24, 685 (²)	7, 024, 062 716, 385 (²)	3, 523, 572 500, 625 (²)	3, 523, 572 500, 625 (²)
44, 067 (²)	9, 040 (²)	2, 908 (²)	28, 718 (²)	3, 401 (²)	---	---	52, 705 (²)	51, 561 (²)	582 (²)	652 (²)	123, 247 (²)	80, 452 (²)	80, 452 (²)
630, 464 1, 134, 804 (²)	35, 100 56, 597 (²)	78, 216 88, 791 (²)	391, 133 965, 280 (²)	82, 879 34, 136 (²)	43, 136 (²)	---	838, 320 1, 054, 743 (²)	810, 513 953, 052 (²)	13, 641 61, 750 (²)	14, 166 39, 941 (²)	2, 455, 584 3, 213, 896 (²)	1, 617, 264 2, 159, 153 (²)	1, 617, 264 2, 159, 153 (²)
(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
292, 850 (²)	72, 848 (²)	18, 346 (²)	102, 351 (²)	39, 305 (²)	---	---	539, 885 (²)	526, 517 (²)	8, 959 (²)	3, 498 (²)	911 (²)	1, 017, 734 (²)	477, 849 (²)
1, 608, 406 (²)	150, 431 (²)	182, 472 (²)	1, 154, 460 (²)	116, 043 (²)	(²)	(²)	1, 638, 926 (²)	1, 291, 677 (²)	12, 582 (²)	37, 729 (²)	106, 938 (²)	3, 741, 243 (²)	2, 202, 317 (²)
1, 983, 343 (²)	139, 306 (²)	497, 100 (²)	1, 006, 571 (²)	338, 618 (²)	---	1, 658 (²)	2, 136, 700 (²)	2, 076, 843 (²)	22, 631 (²)	19, 816 (²)	18, 500 (²)	5, 924, 677 (²)	3, 787, 887 (²)
8, 394, 745 161, 579 155, 145 38, 159 (²)	275, 480 33, 300 ---	947, 052 16, 709 35, 013 840 (²)	6, 666, 189 110, 190 69, 034 24, 480 (²)	450, 644 2, 320 36, 083 8, 030 (²)	54, 480 ---	---	8, 167, 762 146, 949 335, 077 53, 431 (²)	7, 686, 639 136, 827 300, 110 12, 976 (²)	326, 541 3, 303 20, 046 5, 704 (²)	150, 434 4, 807 2, 012 294 (²)	4, 178 362, 323 718, 014 241, 446 (²)	22, 799, 791 362, 323 382, 937 188, 015 (²)	14, 631, 990 215, 374 382, 937 188, 015 (²)
73, 975 (²)	6, 098 (²)	7, 368 (²)	16, 357 (²)	43, 492 (²)	(²)	60 (²)	78, 177 (²)	76, 260 (²)	717 (²)	---	265, 405 (²)	137, 228 (²)	137, 228 (²)
44, 931 (²)	9, 100 (²)	5, 555 (²)	30, 276 (²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
2, 015, 431 (²)	298, 880 (²)	194, 713 (²)	1, 412, 886 (²)	92, 462 (²)	10, 401 (²)	---	822, 768 (²)	712, 932 (²)	37, 030 (²)	49, 184 (²)	23, 622 (²)	4, 299, 720 (²)	3, 470, 952 (²)
7, 088, 508 319, 043 11, 178, 147 52, 853 (²)	299, 465 24, 549 248, 885 2, 600 (²)	1, 215, 030 24, 549 1, 635, 918 2, 600 (²)	4, 739, 008 116, 265 8, 268, 313 47, 663 (²)	834, 061 150, 045 978, 878 36, 095 (²)	---	98 (²)	3, 296, 036 293, 340 5, 860, 702 19, 081 (²)	3, 050, 090 249, 348 5, 860, 702 17, 185 (²)	58, 671 27, 750 239, 687 384 (²)	123, 061 16, 242 469, 710 1, 462 (²)	25, 214 ---	14, 518, 872 880, 294 27, 533, 743 99, 069 (²)	11, 222, 836 528, 954 20, 961, 095 79, 088 (²)
53, 654 (²)	8, 540 (²)	3, 060 (²)	36, 095 (²)	5, 959 (²)	---	---	65, 635 (²)	58, 824 (²)	1, 022 (²)	5, 789 (²)	---	155, 676 (²)	90, 041 (²)
1, 956, 375 193, 782 (²)	164, 382 32, 748 (²)	621, 307 16, 405 (²)	747, 009 81, 827 (²)	401, 203 57, 611 (²)	22, 474 (²)	5, 191 (²)	621, 427 446, 045 (²)	577, 501 428, 330 (²)	8, 389 7, 779 (²)	35, 438 10, 536 (²)	14 (²)	3, 935, 930 1, 099, 073 (²)	3, 314, 503 (652, 428 (²)
1, 211, 335 153, 896 (²)	133, 455 58, 615 (²)	116, 095 17, 932 (²)	934, 862 106, 405 (²)	17, 470 944 (²)	9, 453 (²)	---	1, 845, 920 185, 276 (²)	1, 493, 677 178, 290 (²)	257, 709 2, 226 (²)	89, 733 4, 760 (²)	4, 801 (²)	3, 868, 347 451, 277 (²)	2, 022, 427 266, 001 (²)
182, 989 3, 199, 075 (²)	37, 540 199, 523 (²)	14, 295 393, 885 (²)	101, 246 2, 449, 106 (²)	29, 908 153, 193 (²)	---	3, 398 (²)	1, 480, 683 2, 880, 715 (²)	1, 461, 225 2, 076, 280 (²)	8, 403 40, 366 (²)	11, 055 94, 135 (²)	69, 934 (²)	1, 887, 500 7, 998, 205 (²)	406, 823 5, 117, 490 (²)
3, 179, 825 (²)	109, 131 (²)	466, 139 (²)	2, 171, 718 (²)	360, 881 (²)	71, 056 (²)	---	2, 942, 841 (²)	2, 741, 626 (²)	121, 602 (²)	72, 138 (²)	7, 575 (²)	8, 198, 485 (²)	5, 255, 644 (²)
257, 607 17, 633 (²)	44, 990 4, 410 (²)	22, 422 250 (²)	163, 033 12, 973 (²)	27, 162 (²)	---	(²)	680, 238 25, 374 (²)	669, 202 24, 854 (²)	911 57 (²)	3, 453 403 (²)	6, 612 (²)	1, 111, 692 62, 159 (²)	431, 454 36, 785 (²)
618, 054 121, 365 (²)	71, 730 25, 205 (²)	40, 657 7, 610 (²)	483, 536 85, 035 (²)	22, 131 3, 515 (²)	---	---	1, 372, 633 279, 760 (²)	1, 352, 418 274, 303 (²)	517 328 (²)	5, 625 5, 129 (²)	14, 173 (²)	2, 448, 185 494, 166 (²)	1, 075, 552 214, 406 (²)
843, 190 (²)	93, 263 (²)	145, 440 (²)	564, 548 (²)	39, 939 (²)	---	---	1, 576, 315 (²)	1, 450, 133 (²)	51, 847 (²)	22, 143 (²)	52, 192 (²)	3, 270, 214 (²)	1, 693, 899 (²)

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

Group No.	INDUSTRY ¹	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
HARTFORD INDUSTRIAL AREA—Continued										
1	Other industries ⁴	289	114	42,549	414	4,480	36,089	1,163	325	78
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴									
2	1 Food and kindred products.....	21	12	295	16	36	196	35	2	10
3	3 Textile-mill products and other fiber manufactures.....	13		5,377	22	589	4,740	23	2	1
4	4 Apparel and other finished products made from fabrics and similar materials.....	16	5	1,305	22	53	1,220	8	1	1
5	6 Furniture and finished lumber products.....	20	16	304	15	26	220	43		
6	8 Printing, publishing, and allied industries.....	32	10	630	45	82	466	27	10	
7	9 Chemicals and allied products.....	15	2	1,700	17	114	1,353	128	82	6
8	12 Leather and leather products.....	7	6	93	8	9	70	6		
9	14 Iron and steel and their products, except machinery.....	44	5	5,699	91	704	4,584	238	66	16
10	15 Nonferrous metals and their products.....	25	13	3,465	36	249	3,064	83	20	13
11	16 Electrical machinery.....	10		3,930	24	353	3,328	214	10	1
12	17 Machinery (except electrical).....	28	5	11,447	46	1,082	10,121	100	68	30
13	20 Miscellaneous industries.....	29	19	2,155	40	219	1,713	144	39	
	2 Tobacco manufactures.....	6	7	79	2	2	73	2		
	5 Lumber and timber basic products.....	8	11	113	6	6	91	10		
	13 Stone, clay, and glass products.....	4	2	167	2	10	149	5	1	
14	18 Automobiles and automobile equipment.....	3	1	81	5	8	66	2		
19	19 Transportation equipment except automobiles.....	4		5,443	15	930	4,407	78	13	
7	7 Paper and allied products.....	2								
10	10 Products of petroleum and coal.....	2		266	2	8	228	17	11	

* 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.

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 ²	Wages										
HARTFORD INDUSTRIAL AREA—Continued													
Dollars 60, 139, 530	Dollars 2, 664, 200	Dollars 8, 586, 377	Dollars 46, 010, 267	Dollars 2, 256, 567	Dollars 501, 255	Dollars 120, 880	Dollars 78, 440, 283	Dollars 69, 736, 934	Dollars 1, 343, 382	Dollars 1, 435, 256	Dollars 5, 924, 711	Dollars 197, 443, 422	Dollars 119, 003, 139
407, 655	86, 430	71, 134	180, 083	51, 849	3, 160	14, 090	1, 753, 277	1, 725, 137	15, 564	12, 576		2, 844, 824	1, 091, 547
6, 664, 645	104, 412	1, 172, 418	5, 340, 885	38, 036	2, 171	6, 723	8, 683, 276	8, 201, 523	340, 466	99, 176	42, 111	21, 375, 397	12, 602, 121
1, 334, 939	97, 050	67, 030	1, 158, 965	10, 628	971	295	2, 473, 611	2, 445, 281	10, 019	14, 630	3, 681	4, 432, 978	1, 959, 367
450, 434	71, 813	39, 414	267, 351	71, 856			553, 134	537, 071	5, 087	10, 976		1, 157, 914	604, 780
918, 088	243, 761	124, 143	484, 550	55, 634	10, 000		807, 643	613, 450	7, 811	16, 849	169, 524	2, 296, 138	1, 488, 495
2, 224, 956	136, 039	278, 226	1, 432, 576	274, 566	98, 228	5, 321	4, 303, 011	4, 027, 700	142, 354	132, 957		9, 239, 952	4, 936, 941
123, 604	23, 710	22, 257	69, 749	7, 888			263, 142	255, 110	3, 388	4, 644		475, 665	212, 523
8, 984, 975	623, 602	1, 341, 034	6, 372, 106	476, 693	116, 707	24, 833	10, 594, 609	9, 766, 104	354, 172	335, 607	138, 726	26, 072, 690	15, 478, 081
4, 440, 233	212, 125	541, 088	3, 429, 355	211, 382	33, 688	18, 595	5, 204, 428	4, 937, 840	120, 729	139, 191	6, 668	11, 777, 931	6, 573, 503
5, 211, 425	254, 843	638, 238	3, 923, 012	376, 158	17, 212	1, 962	6, 787, 953	6, 558, 342	73, 199	147, 161	9, 251	17, 293, 992	10, 500, 039
15, 536, 555	340, 724	1, 840, 488	12, 980, 377	193, 813	133, 001	48, 152	7, 549, 124	7, 052, 637	147, 169	230, 463	118, 855	32, 163, 278	24, 614, 154
2, 991, 088	235, 549	400, 569	2, 029, 082	269, 648	56, 240		4, 908, 820	4, 680, 368	42, 320	71, 388	114, 744	11, 497, 131	6, 588, 311
10, 874, 939	234, 142	2, 050, 338	8, 342, 166	218, 416	29, 877		24, 558, 255	18, 936, 362	81, 104	219, 638	5, 321, 151	56, 815, 532	32, 257, 277

¹ For numbers of establishments and of wage earners in individual industries, see table 12.

², ³, and ⁴ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas 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 areas.

¹ 1 establishment.

² 2 establishments.

³ 3 establishments.

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
BRIDGEPORT												
	All industries, total	365	168	498	4,300	29,419	\$2,731,727	\$8,258,000	\$34,331,569	\$74,506,050	\$160,348,023	\$85,842,273
8	Books: printing without publishing	3	2	3	38	283	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Bread and other bakery products (except biscuits, crackers, and pretzels)	50	45	14	67	821	82,392	124,758	969,248	2,155,348	4,510,823	2,355,475
4	Coats, suits, and skirts (except fur coats)—made in contract factories	6	7	7	8	256	25,304	16,464	239,604	8,535	320,421	311,896
13	Concrete products	5	4	2	3	15	6,840	3,048	19,675	89,231	157,089	67,858
4	Corsets and allied garments	5	1	7	142	1,426	127,385	298,288	1,236,166	3,105,629	6,937,184	3,831,555
3	Cotton narrow fabrics	5	—	7	23	274	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	6	4	6	127	1,250	67,579	226,463	1,330,811	1,313,622	3,416,541	2,102,910
15	Electroplating, plating, and polishing	4	3	2	6	36	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Fabricated plastic products, not elsewhere classified	3	—	4	34	439	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	General commercial (job) printing	16	10	15	18	66	54,650	29,249	87,950	141,809	420,009	278,200
14	Gray-iron and semisteel castings	3	—	8	10	191	56,705	20,951	203,010	142,518	544,977	402,459
14	Hardware not elsewhere classified	5	—	11	97	714	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Ice cream and ices	5	1	2	13	58	13,380	20,599	84,515	554,252	1,113,715	559,463
1	Ice, manufactured	3	—	2	2	17	10,400	5,050	21,180	34,407	274,664	240,257
15	Lighting fixtures	3	3	4	—	39	23,419	—	33,516	66,938	151,701	84,793
1	Liquors, rectified or blended	4	2	—	1	16	—	2,100	14,612	53,516	115,096	61,580
17	Machine-shop products, not elsewhere classified	4	—	9	18	47	15,877	35,461	71,859	56,943	235,035	178,092
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	14	5	17	21	280	64,550	49,210	424,064	149,214	874,890	725,676
17	Machine tools	5	—	12	52	194	51,841	51,458	246,830	260,573	748,880	488,307
6	Mattresses and bedsprings	3	—	4	10	93	(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	2	2	16	760	15,000	34,203	603,964	1,511,378	2,371,500	860,122
17	Metalworking machinery and equipment, not elsewhere classified	3	—	6	10	100	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Models and patterns (except paper patterns)	5	3	8	1	76	49,237	1,142	145,591	34,703	281,283	246,580
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	1	10	65	596	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Newspapers: publishing and printing	6	1	10	145	219	64,818	282,176	434,150	353,987	1,801,049	1,447,062
1	Nonalcoholic beverages	10	11	6	5	22	18,140	5,637	14,028	155,605	377,999	222,304
15	Nonferrous metal foundries (except aluminum)	4	2	6	1	69	11,889	1,092	75,651	130,661	280,406	149,745
7	Paperboard containers and boxes not elsewhere classified	5	2	7	57	309	42,800	103,298	333,469	618,580	1,422,146	803,566
8	Photogravure, not done in printing establishments (including preparation of plates)	3	1	3	5	18	13,686	15,713	39,402	10,559	128,785	118,226
5	Planing mills not operated in conjunction with sawmills	4	—	—	10	74	—	25,524	113,982	116,948	290,504	173,556
11	Rubber products not elsewhere classified	3	—	8	45	554	48,916	101,201	597,729	983,331	2,293,938	1,310,607
1	Sausages, prepared meats, and other meat products—not made in meat packing establishments	3	—	2	2	9	4,200	4,010	10,970	78,932	101,495	22,563
15	Sheet-metal work not specifically classified	4	—	—	4	11	9,056	6,842	15,354	20,281	65,858	45,577
20	Signs, advertising displays, and advertising novelties	3	3	1	6	21	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
15	Silverware and plated ware	5	3	9	24	230	34,683	33,936	222,430	214,901	666,056	451,755
14	Stamped and pressed metal products (except automobile stampings)	5	—	15	42	514	88,690	53,153	476,390	847,373	1,811,711	904,338
14	Tools (except edge tools, machine tools, files, and saws)	5	2	9	41	272	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Wirework not elsewhere classified	5	4	—	28	190	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Women's and misses' dresses (except house dresses)—made in contract factories	8	2	12	20	523	47,400	33,398	505,697	41,972	703,653	661,681
4	Women's, children's, and infants' underwear and nightwear of cotton and flannel or woven fabrics	3	—	7	33	570	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	5	2	3	16	522	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
12	Women's pocketbooks, handbags, and purses	5	1	8	23	491	54,315	44,699	308,758	813,633	1,360,418	540,785

See footnotes at end of table.

CONNECTICUT

165

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	*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
BRIDGEPORT—Continued												
	Other industries ¹	163	58	202	3,438	20,867	\$1,628,395	\$6,628,967	\$25,450,964	\$60,441,271	\$126,569,807	\$66,128,536
OTHER INDUSTRIES, BY INDUSTRY GROUPS ²												
1	Food and kindred products.....	4	2	2	1	26	6,760	1,544	79,303	99,065	308,121	209,056
3	Textile-mill products and other fiber manufactures.....	9	-----	10	48	436	84,750	63,020	422,924	1,059,227	2,157,188	1,097,961
4	Apparel and other finished products made from fabrics and similar materials.....	22	11	21	78	1,849	140,037	127,879	1,247,220	3,138,999	6,646,288	3,507,289
6	Furniture and finished lumber products.....	9	4	10	16	248	73,760	24,014	275,614	927,608	1,618,008	690,400
8	Printing, publishing, and allied industries.....	13	9	9	46	331	51,445	110,146	490,032	203,247	1,152,767	859,520
14	Iron and steel and their products, except machinery.....	28	6	47	718	3,561	307,416	1,264,042	4,595,717	8,829,413	19,791,771	10,962,358
16	Electrical machinery.....	12	2	22	1,216	5,761	246,776	2,481,313	7,301,427	21,004,298	42,354,405	21,350,107
17	Machinery (except electrical).....	14	3	23	490	2,316	166,619	933,062	3,120,224	2,514,331	7,860,433	5,346,102
20	Miscellaneous industries.....	21	10	16	188	1,517	115,303	363,003	1,586,600	3,154,587	6,496,750	3,341,163
20	Chemicals and allied products.....	10	1	9	237	1,347	-----	-----	-----	-----	-----	-----
13	Stone, clay, and glass products.....	3	3	5	4	33	-----	-----	-----	-----	-----	-----
15	Nonferrous metals and their products.....	10	5	14	321	2,650	-----	-----	-----	-----	-----	-----
18	Automobiles and automobile equipment.....	4	1	10	65	597	435,529	1,260,944	6,421,003	19,420,496	38,185,076	18,764,580
2	Tobacco manufactures.....	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	Paper and allied products.....	1	1	4	10	165	-----	-----	-----	-----	-----	-----
12	Leather and leather products.....	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HARTFORD												
	All industries, total.....	332	161	308	2,697	21,180	\$2,174,094	\$4,053,613	\$27,901,669	\$32,791,346	\$97,954,508	\$65,163,252
8	Books: printing without publishing.....	3	1	4	13	40	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	44	42	22	30	643	47,639	66,771	856,930	1,676,547	3,484,138	1,807,591
13	Brick and hollow structural tile.....	3	3	4	3	47	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Brushes.....	3	2	-----	93	419	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Canvas products (except bags).....	3	-----	4	2	19	9,040	2,908	28,718	52,795	133,247	80,452
2	Cigars.....	4	4	2	2	67	5,200	4,180	59,560	96,264	191,386	95,122
9	Cleaning and polishing preparations, blackings, and dressings.....	3	1	3	1	4	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Engraving (steel, copperplate, and wood); plate printing.....	4	2	3	1	8	7,642	954	11,623	14,502	50,865	36,303
8	General commercial (job) printing.....	41	20	32	90	658	113,469	166,654	1,056,646	1,431,342	3,413,068	1,981,726
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	-----	9	81	356	43,400	145,808	393,929	599,459	2,014,867	1,115,408
20	Hand stamps, stencils, and brands.....	3	1	5	3	10	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Household furniture, except upholstered.....	4	2	5	10	53	15,520	13,729	72,377	93,419	226,167	132,748
1	Ice cream and ices.....	4	2	-----	12	45	-----	-----	-----	-----	-----	-----
1	Ice, manufactured.....	4	-----	-----	1	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Liquors, rectified or blended.....	3	-----	10	20	80	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-shop products, not elsewhere classified.....	6	1	7	19	96	35,862	46,844	123,343	184,498	529,296	344,768
17	Machine-shop repairs.....	3	1	3	3	15	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-tool and other metalworking machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	13	5	25	44	522	198,805	93,242	791,543	476,205	2,692,802	2,216,597
17	Machine tools.....	3	1	9	50	346	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Mattresses and bedsprings.....	7	7	3	5	37	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages.....	8	7	8	2	28	17,035	2,749	26,786	115,935	283,780	167,845
7	Paperboard containers and boxes not elsewhere classified.....	3	-----	5	3	40	19,545	4,137	35,918	55,236	138,216	82,980
8	Photoengraving, not done in printing establishments (including preparation of plates).....	6	2	13	8	43	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
5	Planing mills not operated in conjunction with sawmills.....	4	4	5	5	70	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
12	Saddlery, harness, and whips.....	3	2	2	5	15	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	5	-----	7	5	47	37,540	9,608	57,372	856,472	1,094,508	238,036
14	Screw-machine products and wood screws.....	3	-----	12	97	652	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	4	-----	7	11	100	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Upholstered household furniture.....	4	2	9	10	103	19,120	11,311	96,298	368,608	614,646	246,038
14	Wirework not elsewhere classified.....	3	1	5	6	66	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

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
HARTFORD—Continued												
	Other industries ⁴	189	76	260	2,389	18,537	\$1,604,277	\$4,384,718	\$24,260,626	\$26,470,004	\$83,087,042	\$56,617,638
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products	21	7	14	48	223	80,600	102,344	271,044	1,807,832	3,362,436	1,554,004
4	Apparel and other finished products made from fabrics and similar materials	15	5	16	28	736	104,372	43,117	527,397	1,172,570	2,290,549	1,120,979
6	Furniture and finished lumber products	18	13	15	23	239	83,552	38,862	286,771	639,472	1,304,308	664,836
8	Printing, publishing, and allied industries	25	8	40	290	561	230,239	600,984	872,004	849,289	4,371,706	3,522,417
9	Chemicals and allied products	6	1	9	6	17	20,820	8,821	16,278	120,832	268,147	138,316
12	Leather and leather products	5	4	6	5	23	14,900	9,513	21,917	132,765	221,778	89,013
13	Stone, clay, and glass products	7	5	9	9	180	57,933	14,253	182,173	322,274	983,046	661,372
14	Iron and steel and their products, except machinery	29	3	56	459	2,813	314,643	820,090	4,208,713	4,768,272	15,770,817	11,002,545
15	Nonferrous metals and their products	9	6	14	17	269	63,957	25,327	249,227	439,076	937,915	498,839
17	Machinery (except electrical)	18	2	37	1,087	10,234	319,019	1,866,905	13,411,972	7,674,003	32,627,015	24,952,052
20	Miscellaneous industries	21	17	21	166	1,087	81,991	331,533	1,444,473	4,014,662	9,142,511	5,127,849
5	Lumber and timber basic products	4	4	5	5	70						
16	Electrical machinery	5		15	234	1,849						
3	Textile-mill products and other fiber manufactures	2					232,191	522,909	2,768,657	4,518,997	11,797,814	7,278,817
7	Paper and allied products	1										
10	Products of petroleum and coal	1	1	3	12	236						
18	Automobiles and automobile equipment	2										
NEW HAVEN												
	All industries, total	404	191	413	2,613	20,523	\$2,846,799	\$4,642,306	\$21,838,685	\$42,737,917	\$100,838,135	\$68,100,218
8	Bookbinding and related industries	3	1	2	2	20	4,206	3,560	22,527	10,320	63,926	53,606
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	67	54	8	43	464	25,396	80,032	576,375	1,269,584	2,717,908	1,448,324
1	Candy and other confectionery products	3	1	5	2	117	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
2	Cigars	8	8	5	10	268	20,940	19,742	248,791	288,199	708,403	420,204
13	Concrete products	3		3	7	50	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
4	Corsets and allied garments	6	2	19	258	913	439,793	376,504	817,751	1,571,122	5,332,744	3,761,622
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3		4	35	273	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	3		6	32	179	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
8	Electrotyping and stereotyping, not done in printing establishments	4		5	7	38	15,875	12,032	67,878	27,764	181,705	153,941
20	Games and toys (except dolls and children's vehicles)	3		6	59	526	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
8	General commercial (job) printing	31	9	37	54	348	117,214	72,118	388,967	427,450	1,327,403	899,944
14	Hardware not elsewhere classified	5	3	12	172	1,366	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
6	Household furniture, except upholstered	3	1	4	2	35	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1	Ice cream and ices	3		3	14	47	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1	Ice, manufactured	3		3	5	26	16,400	12,132	36,578	36,979	224,656	187,677
5	Logging camps and logging contractors (not operating sawmills)	5	4	2	3	41	7,480	5,492	47,538	550,281	704,977	154,696
17	Machine-shop repairs	4	1	7	3	20	14,716	3,407	34,002	27,321	95,648	68,327
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3		7	73	314	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
6	Mattresses and bedsprings	5	2	3	4	26	13,612	4,674	24,315	87,154	169,103	81,949
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	4		22	666	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	4	4	2	2	225	6,790	1,508	162,742	10,801	216,582	205,781
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	2	5	10	585	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
20	Models and patterns (except paper patterns)	3	3		2	12		2,070	20,314	6,922	47,751	40,829
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	3	4	2	22	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
8	Newspapers: publishing and printing	4	4	2	82	166	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)

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	*Num- ber of estab- lish- ments	*Pro- pri- etors and firm mem- bers	*Sala- ried officers of corpo- ra- tions ¹	*Sala- ried em- ploy- ees ¹	*Wage earners (average for year) ²	Salaries of officers of corpora- tions ¹	Salaries of employees ¹	Wages	Cost of ma- terials, sup- plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu- facture ³
NEW HAVEN—Continued												
1	Nonalcoholic beverages.....	12	11	4	3	25	\$9,420	\$3,592	\$23,580	\$182,823	\$448,923	\$206,100
15	Nonferrous-metal foundries (except aluminum).....	3	—	4	5	63	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
7	Paperboard containers and boxes not elsewhere classified.....	9	4	15	50	753	141,913	118,818	917,657	2,277,863	5,031,703	2,753,840
8	Periodicals: publishing without print- ing.....	8	3	6	71	11	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Photoengraving, not done in printing establishments (including prepara- tion of plates).....	3	—	4	3	25	23,278	11,783	71,409	26,755	180,838	154,083
14	Power boilers and associated products.....	4	1	6	19	77	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
11	Rubber products not elsewhere classi- fied.....	6	1	12	153	1,071	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Signs, advertising displays, and adver- tising novelties.....	4	1	3	5	35	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Upholstered household furniture.....	5	—	10	7	143	26,013	10,739	132,533	412,051	649,655	237,604
14	Wirework not elsewhere classified.....	4	—	6	32	173	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Women's and misses' dresses (except house dresses)—made in contract fac- tories.....	18	22	7	51	1,498	24,706	91,034	1,218,359	55,667	1,705,185	1,640,518
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	4	4	—	5	104	—	2,937	58,670	54,330	141,788	87,458
	Other industries ⁵	210	62	280	2,101	15,576	1,939,047	3,810,132	16,968,669	35,414,522	80,889,237	45,474,715
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products.....	18	5	15	65	491	82,153	122,638	649,383	4,674,122	6,021,034	2,246,912
4	Apparel and other finished products made from fabrics and similar ma- terials.....	27	18	23	90	2,564	98,265	172,724	1,858,900	4,098,199	7,453,518	3,355,319
6	Furniture and finished lumber products.....	13	8	12	13	129	58,160	20,176	134,529	803,621	1,435,538	631,917
8	Printing, publishing, and allied indus- tries.....	23	7	20	197	436	157,626	360,583	606,234	1,123,684	3,889,191	2,765,507
9	Chemicals and allied products.....	10	1	8	130	1,032	49,089	223,580	1,095,960	3,032,905	7,229,079	4,106,174
13	Stone, clay, and glass products.....	11	3	12	19	112	48,595	20,992	141,607	299,259	731,582	432,323
14	Iron and steel and their products, ex- cept machinery.....	37	8	65	609	4,375	465,690	1,124,338	5,415,719	5,711,254	18,973,266	13,262,012
15	Nonferrous metals and their products.....	12	3	22	192	1,569	141,907	265,402	1,710,658	2,313,653	5,830,096	3,516,443
16	Electrical machinery.....	8	1	16	171	1,086	133,117	296,925	1,091,256	2,663,338	5,706,922	3,043,584
17	Machinery (except electrical).....	14	1	27	186	794	295,565	404,140	1,019,120	1,396,583	4,001,829	2,605,240
20	Miscellaneous industries.....	14	4	13	84	775	90,203	115,299	682,457	1,500,883	3,592,148	2,091,265
3	Textile-mill products and other fiber manufactures.....	3	—	6	32	179	—	—	—	—	—	—
7	Paper and allied products.....	4	—	7	46	406	—	—	—	—	—	—
11	Rubber products.....	6	1	12	153	1,071	—	—	—	—	—	—
18	Automobiles and automobile equipment.....	3	1	6	49	186	—	—	—	—	—	—
19	Transportation equipment except auto- mobiles.....	3	—	3	8	70	318,671	673,335	2,562,876	7,797,021	15,125,034	7,328,013
2	Tobacco manufactures.....	1	—	—	—	—	—	—	—	—	—	—
5	Lumber and timber basic products.....	1	—	—	—	—	—	—	—	—	—	—
10	Products of petroleum and coal.....	1	1	4	57	241	—	—	—	—	—	—
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 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.

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.....	2,936	651	27	217	236	52	112	84	341	88	6	21	38	90	328	153	77	213	12	27	163
Fairfield.....	843	154	4	76	98	13	21	14	83	29	3	8	17	21	90	49	22	80	4	10	49
Hartford.....	671	156	6	16	26	8	43	25	103	18	2	—	7	18	95	25	17	63	3	4	36
Litchfield.....	115	27	1	8	2	3	8	11	2	—	—	—	—	7	14	5	9	7	—	—	8
Middlesex.....	99	20	—	14	5	2	1	2	8	5	—	—	3	3	15	4	2	4	—	1	8
New Haven.....	885	229	15	15	79	10	33	22	110	29	1	10	3	33	107	64	23	42	5	6	49
New London.....	181	41	1	34	21	7	4	12	13	—	—	—	7	6	4	1	—	9	—	—	6
Tolland.....	55	10	—	25	1	1	1	4	4	—	—	—	1	—	—	—	—	2	—	—	6
Windham.....	87	14	—	29	6	8	1	3	9	—	—	—	2	2	3	—	3	6	—	—	1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
STATE OF CONNECTICUT				STATE OF CONNECTICUT—Continued			
1	Biscuit, crackers, and pretzels	1		8	Greeting cards (except hand-painted)	1	
	Candy and other confectionery products	11	454		Periodicals: publishing and printing	5	939
	Canned and dried fruits and vegetables (including canned soups)	3	97	9	Ammunition	2	
	Cheese	2			Chemicals not elsewhere classified	4	560
	Condensed and evaporated milk	2			Coal-tar products, crude and intermediate	3	12
	Cured fish	1			Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Custom slaughtering, wholesale	1			Drugs and medicines (including drug grinding)	8	495
	Flour and other grain-mill products	2			Essential oils	1	
	Meat packing, wholesale	2	264		Explosives	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2			Fireworks	3	72
	Poultry dressing and packing, wholesale	2			Glue and gelatin	1	
	Prepared feeds (including mineral) for animals and fowls	6	91		Grease and tallow (except lubricating greases)	2	
	Salad dressings	1			Mucilage, paste, and other adhesives, except glue and rubber cement	1	
2	Tobacco (chewing and smoking) and snuff	1			Plastic materials	3	69
3	Artificial leather and oilcloth	3	373		Rayon and allied products	1	
	Batting, padding, and wadding; upholstery filling	2			Soap and glycerin	2	
	Carpet and rug, wool	1			Vegetable and animal oils, not elsewhere classified	2	
	Carpet yarn, woolen and worsted	1		10	Oven coke and coke-oven byproducts	1	
	Cotton yarn	2			Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
	Dyeing and finishing woolen and worsted	2		11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2			Tires and inner tubes	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	217	12	Boot and shoe cut stock and findings	2	
	Hat bodies and hats, wool-felt	1			Leather goods not elsewhere classified	3	
	Hosiery—seamless	2			Saddlery, harness, and whips	3	15
	Jute goods (except felt)	1			Small leather goods	3	133
	Knitted cloth	4	43	13	Asbestos products (except steam packing and pipe and boiler covering)	3	790
	Knitted outerwear (except knit gloves)—contract factories	3	96		Clay refractories, including refractory cement (clay)	2	
	Knitted underwear	2			Gypsum products	1	
	Lace goods	3	293		Minerals and earths, ground or otherwise treated	2	
	Processed waste and recovered wool fibers—contract factories	1			Nonclay refractories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	80		Porcelain electrical supplies	1	
	Rayon broad woven goods—contract factories	1			Pottery products not elsewhere classified	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	3	1,491		Steam and other packing; pipe and boiler covering	1	
	Silk narrow fabrics	2		14	Automobile stampings	1	
	Woolen and worsted manufactures—contract factories	2			Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	196
4	Belts (apparel), regardless of material	2			Doors, window sash, frames, molding, and trim (made of metal)	1	
	Children's coats—made in contract factories	1			Enameling, japanning, and lacquering	1	
	Children's dresses—made in contract factories	2			Files	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Clothing, leather and sheep-lined	1			Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	559		Saws	3	127
	Curtains, draperies, and bedspreads—contract factories	1			Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2			Steel barrels, kegs, and drums	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1			Steel castings	2	
	Embroideries, other than Schiffli-machine products—contract factories	1			Steel works and rolling mills	1	
	Fur coats and other fur garments, accessories, and trimmings	1			Tin cans and other tinware not elsewhere classified	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1		15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	726
	Hat and cap materials; trimmings, etc.	1			Collapsible tubes	1	
	Men's and boys' hats and caps (except felt and straw)	2			Engraving on metal (except for printing purposes)	1	
	Men's neckwear—made in contract factories	2			Gold and silver leaf and foil	1	
	Miscellaneous fabricated textile products not elsewhere classified	5			Jewelry (precious metals)	2	
	Textile bags—not made in textile mills	1	171		Secondary smelting and refining, gold, silver, and platinum	2	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2			Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1			Silverware and plated ware	21	4,727
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2		16	Automotive electrical equipment	1	
6	Clear boxes: wooden, part wooden	1			Batteries, storage and primary (dry and wet)	5	688
	Cooperage	1			Electrical measuring instruments	2	
	Partitions, shelving, cabinet work, and office and store fixtures	5			Insulated wire and cable	8	4,736
	Public-building furniture	1			Radio, radio tubes, and phonographs	6	698
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1			X-ray and therapeutic apparatus and electronic tubes	2	
	Wood preserving	1		17	Agricultural machinery (except tractors)	1	
7	Coated and glazed paper	2			Blowers; exhaust and ventilating fans	1	
	Envelopes	3			Cars and trucks, industrial	2	
	Fiber cans, tubes, and similar products	2			Elevators, escalators, and conveyors	1	
	Wallpaper	1			Internal-combustion engines	4	268
8	Books: publishing and printing	2			Measuring and dispensing pumps	1	
	Books: publishing without printing	2			Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	614
					Paper-mill, pulp-mill, and paper-products machinery	2	
					Pumping equipment and air compressors	3	219
					Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
STATE OF CONNECTICUT—Continued				BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued			
17	Scales and balances.....	1	—	4	Housefurnishings (except curtains, draperies, and bedspreads).....	8	—
	Woodworking machinery.....	2	—		Men's and boys' hats and caps (except felt and straw).....	1	—
19	Aircraft and parts, including aircraft engines.....	8	5,397		Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	12	—
	Motorcycles, bicycles, and parts.....	1	—		Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	6	—
	Shipbuilding and ship repairing.....	10	—		Men's neckwear—made in contract factories.....	1	—
20	Artists' materials.....	1	—		Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	585
	Brooms.....	1	—		Millinery.....	4	205
	Brushes.....	7	445		Miscellaneous fabricated textile products not elsewhere classified.....	3	—
	Carbon paper and inked ribbons.....	2	—		Robes, lounging garments, and dressing gowns.....	3	387
	Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1	—		Suspenders, garters, and other goods made from purchased elastic material.....	4	294
	Dental equipment and supplies.....	1	—		Textile bags—not made in textile mills.....	1	—
	Dolls (except rubber).....	2	—		Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	2	—
	Jewelry cases and instrument cases.....	5	738		Trousers (semidress), wash suits, and washable service apparel.....	1	—
	Lamp shades.....	5	102		Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	—
	Musical instruments, parts, and materials not elsewhere classified.....	2	—		Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	2	—
	Organs.....	2	—	6	Cooperage.....	1	—
	Pens, mechanical pencils, and pen points.....	2	—		Mirror frames and picture frames.....	2	—
	Photographic apparatus and materials and projection equipment (except lenses).....	3	216		Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.....	1	—
	Piano and organ parts and materials.....	1	—		Venetian blinds.....	1	—
	Professional and scientific instruments (except surgical and dental).....	4	416		Wooden boxes except cigar boxes.....	3	—
	Surgical and medical instruments.....	1	—		Wood preserving.....	1	—
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA					Wood products not elsewhere classified.....	1	—
1	Biscuit, crackers, and pretzels.....	1	—	7	Coated and glazed paper.....	1	—
	Candy and other confectionery products.....	8	430		Wallpaper.....	1	—
	Canned and dried fruits and vegetables (including canned soups).....	1	—	8	Bookbinding and related industries.....	5	—
	Cheese.....	1	—		Books: publishing and printing.....	1	—
	Condensed and evaporated milk.....	1	—		Books: publishing without printing.....	1	—
	Cured fish.....	1	—		Electrotyping and stereotyping, not done in printing establishments.....	6	—
	Custom slaughtering, wholesale.....	1	—		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	6	111
	Flour and other grain-mill products.....	1	—		Newspapers: publishing without printing.....	2	—
	Food preparations, not elsewhere classified.....	2	—		Periodicals: publishing and printing.....	2	—
	Liquors, rectified or blended.....	7	25		Periodicals: publishing without printing.....	17	14
	Meat packing, wholesale.....	2	—	9	Ammunition.....	2	—
	Poultry dressing and packing, wholesale.....	2	—		Chemicals not elsewhere classified.....	4	569
	Prepared feeds (including mineral) for animals and fowls.....	3	21		Cleaning and polishing preparations, blackings, and dressings.....	7	10
	Salad dressings.....	1	—		Coal-tar products, crude and intermediate.....	3	12
	Vinegar and cider.....	2	—		Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	1	—
2	Tobacco (chewing and smoking) and snuff.....	1	—		Drugs and medicines (including drug grinding).....	5	480
3	Artificial leather and oilcloth.....	1	—		Fertilizers.....	3	52
	Baiting, padding, and wadding; upholstery filling.....	1	—		Fireworks.....	3	72
	Cordage and twine.....	1	—		Glue and gelatin.....	1	—
	Cotton broad woven goods.....	1	—		Grease and tallow (except lubricating greases).....	2	—
	Cotton narrow fabrics.....	10	—		Paints, varnishes, and lacquers.....	10	172
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	2	—		Perfumes, cosmetics, and other toilet preparations.....	4	—
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	5	217		Plastic materials.....	2	—
	Hat bodies and hats, wool-felt.....	1	—		Vegetable and animal oils, not elsewhere classified.....	1	—
	Hosiery—seamless.....	1	—	10	Oven coke and coke-oven byproducts.....	1	—
	Knitted cloth.....	3	—		Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	2	—
	Knitted outerwear (except knit gloves)—contract factories.....	3	96		Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	—
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	—	11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers).....	1	—
	Lace goods.....	1	—		Rubber products not elsewhere classified.....	15	—
	Rayon broad woven goods—regular factories or jobbers engaging contractors.....	2	—		Tires and inner tubes.....	2	—
	Silk narrow fabrics.....	2	—	12	Boot and shoe cut stock and findings.....	1	—
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	2	—		Footwear (except rubber).....	7	—
4	Belts (apparel), regardless of material.....	1	—		Industrial leather belting and packing leather.....	2	—
	Children's dresses—made in contract factories.....	1	—		Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1	—
	Children's dresses—made in inside factories or by jobbers engaging contractors.....	1	—	13	Abrasive wheels, stone, paper, cloth, and related products.....	5	—
	Clothing, leather and sheep-lined.....	1	—		Asbestos products (except steam packing and pipe and boiler covering).....	2	—
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	11	—		Brick and hollow structural tile.....	4	—
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	3	113		Clay refractories, including refractory cement (clay).....	2	—
	Dress and semidress gloves and mittens: cloth, cloth and leather combined.....	1	—		Gypsum products.....	1	—
	Embroideries, other than Schiffli-machine products—contract factories.....	1	—		Minerals and earths, ground or otherwise treated.....	1	—
	Fur coats and other fur garments, accessories, and trimmings.....	1	—				
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	1	—				
	Hat and cap materials; trimmings, etc.....	1	—				
	House dresses, uniforms, and aprons—made in contract factories.....	4	—				
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	5	—				

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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued				BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued			
13	Mirrors and other glass products made of purchased glass	8		20	Dolls (except rubber)	2	
	Nonclay refractories	1			Fabricated plastic products, not elsewhere classified	10	1,198
	Pottery products not elsewhere classified	1			Hand stamps, stencils, and brands	2	
14	Automobile stampings	1			Jewelry cases and instrument cases	4	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4			Lamp shades	4	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1			Musical instruments, parts, and materials not elsewhere classified	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1			Needles, pins, hooks and eyes, and slide and snap fasteners	6	1,305
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1			Organs	1	
	Enameling, japanning, and lacquering	1	431		Pens, mechanical pencils, and pen points	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	10			Photographic apparatus and materials and projection equipment (except lenses)	3	216
	Firearms	5			Professional and scientific instruments (except surgical and dental)	3	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3			Sporting and athletic goods not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	2			Surgical and medical instruments	1	
	Malleable-iron castings	3			Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	124
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	3		HARTFORD INDUSTRIAL AREA			
	Power boilers and associated products	7		1	Candy and other confectionery products	2	
	Saws	2			Canned and dried fruits and vegetables (including canned soups)	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1			Cheese	1	
	Steam fittings, regardless of material	3			Flour and other grain-mill products	1	
	Steel barrels, kegs, and drums	1			Food preparations, not elsewhere classified	3	
	Steel castings	1			Liquors, rectified or blended	3	80
	Steel works and rolling mills	1			Macaroni, spaghetti, vermicelli, and noodles	4	8
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2			Meat packing, wholesale	2	
	Tin cans and other tinware not elsewhere classified	1			Pickled fruits and vegetables and vegetable sauces and seasonings	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	713		Prepared feeds (including mineral) for animals and fowls	1	
	Jewelry (precious metals)	2			Vinegar and cider	1	
	Secondary smelting and refining, gold, silver, and platinum	2		2	Cigars	6	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2		3	Carpets and rugs, wool	1	
	Silverware and plated ware	19			Cotton thread	1	
	Watches	2			Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
16	Automotive electrical equipment	1			Jute goods (except felt)	1	
	Batteries, storage and primary (dry and wet)	4			Knitted cloth	1	
	Communication equipment	6			Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	
	Electrical appliances	5	1,472		Knitted underwear	1	
	Electrical measuring instruments	1			Processed waste and recovered wool fibers—contract factories	1	
	Electrical products not elsewhere classified	2			Silk broad woven goods—regular factories or jobbers engaging contractors	1	
	Insulated wire and cable	7			Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Radios, radio tubes, and phonographs	5		4	Children's coats—made in contract factories	1	
	X-ray and therapeutic apparatus and electronic tubes	1			Coats, suits, and skirts (except fur coats)—made in contract factories	1	
17	Cars and trucks, industrial	1			Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Elevators, escalators, and conveyors	1			House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Food-products machinery	3			Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Internal-combustion engines	2			Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Machine tools	13			Millinery	1	
	Measuring and dispensing pumps	1			Suspenders, garters, and other goods made from purchased elastic material	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3			Women's and misses' dresses (except house dresses)—made in contract factories	4	
	Office and store machines not elsewhere classified	3			Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Printing-trades machinery and equipment	1		5	Planing mills not operated in conjunction with sawmills	7	83
	Pumping equipment and air compressors	1			Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	219				
	Scales and balances	1		6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Sewing machines, domestic and industrial	2			Cigar boxes, wooden, part wooden	1	
	Special-industry machinery, not elsewhere classified	7			Mattresses and bedsprings	8	
	Textile machinery	2			Mirror frames and picture frames	2	
	Woodworking machinery	1			Partitions, shelving, cabinet work, and office and store fixtures	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	794		Venetian blinds	2	
19	Aircraft and parts, including aircraft engines	4	990		Window shades	1	
	Boat building and boat repairing	7			Wood products not elsewhere classified	3	28
20	Artists' materials	1		7	Coated and glazed paper	1	
	Brooms	1			Envelopes	1	
	Brushes	1					
	Buttons	3					
	Carbon paper and inked ribbons	4	531				
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2					
		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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
HARTFORD INDUSTRIAL AREA—Continued				HARTFORD INDUSTRIAL AREA—Continued			
8	Bookbinding and related industries.....	2	-----	17	Machine-shop repairs.....	4	-----
	Books: printing without publishing.....	4	-----		Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	1	-----
	Books: publishing without printing.....	1	-----		Metalworking machinery and equipment, not elsewhere classified.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	2	-----		Office and store machines not elsewhere classified.....	3	8,589
	Engraving (steel, copperplate, and wood); plate printing.....	5	-----		Printing-trades machinery and equipment.....	1	-----
	Greeting cards (except hand-painted).....	1	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	1	-----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	4	80		Sewing machines, domestic and industrial.....	1	-----
	Periodicals: publishing and printing.....	2	-----		Special-industry machinery not elsewhere classified.....	2	-----
	Periodicals: publishing without printing.....	3	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	3	66
	Photoengraving, not done in printing establishments (including preparation of plates).....	8	-----	19	Aircraft and parts, including aircraft engines.....	4	4,407
9	Cleaning and polishing preparations, blackings, and dressings.....	6	139	20	Brushes.....	3	419
	Explosives.....	1	-----		Dental equipment and supplies.....	1	-----
	Fertilizers.....	2	-----		Fabricated plastic products, not elsewhere classified.....	1	-----
	Paints, varnishes, and lacquers.....	2	-----		Games and toys (except dolls and children's vehicles).....	2	-----
	Plastic materials.....	1	-----		Hand stamps, stencils, and brands.....	5	-----
	Rayon and allied products.....	1	-----		Jewelry cases and instrument cases.....	1	-----
	Soap and glycerin.....	2	-----		Miscellaneous fabricated products not elsewhere classified.....	2	-----
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	2	-----		Needles, pins, hooks and eyes, and slide and snap fasteners.....	3	-----
12	Industrial leather belting and packing leather.....	1	-----		Organs.....	1	-----
	Leather goods not elsewhere classified.....	1	-----		Signs, advertising displays, and advertising novelties.....	4	-----
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1	-----		Sporting and athletic goods not elsewhere classified.....	5	212
	Saddlery, harness, and whips.....	3	16		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	-----
	Small leather goods.....	1	-----	CITY OF BRIDGEPORT			
13	Concrete products.....	3	41	1	Custom slaughtering, wholesale.....	1	-----
	Porcelain electrical supplies.....	1	-----		Malt liquors.....	1	-----
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	-----		Poultry dressing and packing, wholesale.....	2	-----
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.....	2	-----	2	Cigars.....	2	-----
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	3	184	3	Cotton narrow fabrics.....	5	274
	Files.....	1	-----		Knitted cloth.....	1	-----
	Firearms.....	1	-----		Rayon narrow fabrics.....	2	-----
	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	4	122		Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	1	-----
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----	4	Canvas products (except bags).....	1	-----
	Gray-iron and semisteel castings.....	5	-----		Clothing, leather and sheep-lined.....	1	-----
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	1	-----		House dresses, uniforms, and aprons—made in contract factories.....	2	-----
	Oil burners, domestic and industrial.....	3	-----		House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	-----
	Power boilers and associated products.....	1	-----		Housefurnishings (except curtains, draperies, and bedspreads).....	1	-----
	Saws.....	1	-----		Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----
	Stamped and pressed metal products (except automobile stampings).....	2	-----		Miscellaneous fabricated textile products not elsewhere classified.....	1	-----
	Steam and hot-water heating apparatus (including hot-water furnaces).....	1	-----		Suspenders, garters, and other goods made from purchased elastic material.....	2	-----
	Steam fittings, regardless of material.....	3	886		Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	2	-----
	Steel castings.....	1	-----		Women's and misses' blouses and waists—made in contract factories.....	1	-----
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	-----		Women's, children's, and infants' underwear and night-wear of cotton and flannelette woven fabrics.....	3	570
	Wirework not elsewhere classified.....	8	1,132		Women's, children's, and infants' underwear and night-wear of knitted fabrics.....	2	-----
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----		Women's, children's, and infants' underwear and night-wear of silk and rayon woven fabrics.....	3	522
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	4	13		Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	-----
	Clocks, watches, and materials and parts (except watch-cases).....	3	-----	6	Household furniture, except upholstered.....	2	-----
	Electroplating, plating, and polishing.....	3	-----		Mattresses and bedsprings.....	3	98
	Engraving on metal (except for printing purposes).....	1	-----		Partitions, shelving, cabinet work, and office and store fixtures.....	1	-----
	Gold and silver leaf and foil.....	1	-----		Upholstered household furniture.....	2	-----
	Lighting fixtures.....	2	-----		Wooden boxes except cigar boxes.....	1	-----
	Nonferrous-metal foundries (except aluminum).....	4	47	7	Converted paper products not elsewhere classified.....	1	-----
	Nonferrous-metal products not elsewhere classified.....	1	-----	8	Bookbinding and related industries.....	2	-----
	Sheet-metal work not specifically classified.....	4	-----		Books: printing without publishing.....	3	283
	Silverware and plated ware.....	1	-----		Electrotyping and stereotyping, not done in printing establishments.....	1	-----
16	Communication equipment.....	1	-----		Engraving (steel, copperplate, and wood); plate printing.....	2	-----
	Electrical appliances.....	2	-----				
	Electrical measuring instruments.....	1	-----				
	Electrical products not elsewhere classified.....	1	-----				
	Wiring devices and supplies.....	5	1,716				
17	Blowers; exhaust and ventilating fans.....	1	-----				
	Cars and trucks, industrial.....	1	-----				
	Food-products machinery.....	1	-----				
	Industrial machinery, not elsewhere classified.....	2	-----				
	Internal-combustion engines.....	1	-----				
	Machine-shop products, not elsewhere classified.....	8	-----				

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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
CITY OF BRIDGEPORT—Continued				CITY OF HARTFORD—Continued			
8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	2		1	Liquors, rectified or blended	3	80
	Machine and hand typesetting (including advertisement typesetting)	2			Macaroni, spaghetti, vermicelli, and noodles	2	
	Periodicals, publishing without printing	1			Meat liquors	2	
9	Ammunition	1			Meat packing, wholesale	2	
	Cleaning and polishing preparations, blackings, and dressings	2			Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Drugs and medicines (including drug grinding)	1		3	Cotton thread	1	
	Fertilizers	1			Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2		4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Paints, varnishes, and lacquers	2			House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Vegetable and animal oils, not elsewhere classified	1			Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
12	Footwear (except rubber)	1			Millinery	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1			Suspenders, garters, and other goods made from purchased elastic material	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2			Women's and misses' dresses (except house dresses)—made in contract factories	4	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1			Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1		5	Planing mills not operated in conjunction with saw-mills	4	70
	Hardware not elsewhere classified	5	714				
	Heating and cooking apparatus, except electric, not elsewhere classified	1		6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Oil burners, domestic and industrial	1			Cigar boxes: wooden, part wooden	1	
	Power boilers and associated products	1			Mattresses and bedsprings	7	37
	Screw-machine products and wood screws	1			Mirror frames and picture frames	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1			Partitions, shelving, cabinet work, and office and store fixtures	1	
	Steam fittings, regardless of material	3			Window and door screens and weather strip	2	
	Steel barrels, kegs, and drums	1			Window shades	1	
	Steel works and rolling mills	1			Wooden boxes except cigar boxes	2	
	Tools (except edge tools, machine tools, files, and saws)	5	272		Wood products not elsewhere classified	1	
	Wire drawn from purchased rods	1		7	Envelopes	1	
	Wirework not elsewhere classified	5	190				
15	Alloying and rolling and drawing of nonferrous metals, except aluminum	2		8	Bookbinding and related industries	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2			Books: printing without publishing	3	40
	Electroplating, plating, and polishing	4	36		Books: publishing without printing	1	
	Nonferrous-metal products not elsewhere classified	1			Electrotyping and stereotyping, not done in printing establishments	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1			Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	
16	Batteries, storage and primary (dry and wet)	1			Machine and hand typesetting (including advertisement typesetting)	4	
	Electrical appliances	1			Newspapers: publishing and printing	2	
	Electrical products not elsewhere classified	1			Periodicals: publishing and printing	1	
	Insulated wire and cable	1			Periodicals: publishing without printing	1	
	Radio, radio tubes, and phonographs	4			Photoengraving, not done in printing establishments (including preparation of plates)	6	43
	Wiring devices and supplies	4		9	Cleaning and polishing preparations, blackings, and dressings	3	4
17	Internal-combustion engines	1			Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Machine-shop repairs	1			Paints, varnishes, and lacquers	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2			Soap and glycerin	1	
	Mechanical power-transmission equipment	1		10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Metalworking machinery and equipment, not elsewhere classified	3	100				
	Office and store machines not elsewhere classified	1		12	Industrial leather belting and packing leather	1	
	Scales and balances	1			Saddlery, harness, and whips	3	15
	Sewing machines, domestic and industrial	1			Small leather goods	1	
	Special-industry machinery, not elsewhere classified	1		13	Brick and hollow structural tile	3	47
	Textile machinery	1			Concrete products	1	
	Woodworking machinery	1			Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	596		Porcelain electrical supplies	1	
20	Brushes	1		14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Carbon paper and inked ribbons	2			Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Dolls (except rubber)	2	439		Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Fabricated plastic products, not elsewhere classified	7			Files	1	
	Games and toys (except dolls and children's vehicles)	2			Firearms	1	
	Hand stamps, stencils, and brands	2			Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Jewelry cases and instrument cases	1			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Pens, mechanical pencils, and pen points	1			Gray-iron and semisteel castings	2	
	Photographic apparatus and materials and projection equipment (except lenses)	2			Hardware not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1			Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Signs, advertising displays, and advertising novelties	3	21		Oil burners, domestic and industrial	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1					
CITY OF HARTFORD							
1	Food preparations, not elsewhere classified	3					
	Ice cream and ices	4	45				
	Ice, manufactured	4	13				

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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF HARTFORD—Continued				CITY OF NEW HAVEN—Continued			
14	Screw-machine products and wood screws.....	3	652	4	Textile bags—not made in textile mills.....	1	—
	Steam and hot-water heating apparatus (including hot-water furnaces).....	1	—		Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1	—
	Steam fittings, regardless of material.....	1	—		Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1	—
	Steel castings.....	1	—		Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	—
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	4	100	5	Planing mills not operated in conjunction with sawmills.....	1	—
	Tools (except edge tools, machine tools, files, and saws).....	2	—	6	Caskets, coffins, burial cases, and other morticians' goods.....	2	—
	Wirework not elsewhere classified.....	3	56		Cooperage.....	1	—
15	Engraving on metal (except for printing purposes).....	1	—		Household furniture, except upholstered.....	3	35
	Gold and silver leaf and foil.....	1	—		Mirror frames and picture frames.....	1	—
	Nonferrous-metal foundries (except aluminum).....	2	—		Partitions, shelving, cabinet work, and office and store fixtures.....	1	—
	Nonferrous-metal products not elsewhere classified.....	1	—		Venetian blinds.....	1	—
	Sheet-metal work not specifically classified.....	4	—		Window shades.....	2	—
16	Communication equipment.....	1	—		Wood preserving.....	1	—
	Electrical appliances.....	1	—		Wood products not elsewhere classified.....	1	—
	Wiring devices and supplies.....	3	—	7	Converted paper products not elsewhere classified.....	1	—
17	Industrial machinery, not elsewhere classified.....	1	—		Paper and paperboard mills.....	3	—
	Internal-combustion engines.....	1	—	8	Books: printing without publishing.....	2	—
	Machine-shop repairs.....	8	15		Books: publishing without printing.....	1	—
	Machine tools.....	3	346		Engraving (steel, copper plate, and wood); plate printing.....	3	—
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	1	—		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1	—
	Mechanical power-transmission equipment.....	1	—		Machine and hand typesetting (including advertisement typesetting).....	2	—
	Metalworking machinery and equipment, not elsewhere classified.....	1	—		Newspapers: publishing and printing.....	4	160
	Office and store machines not elsewhere classified.....	2	—		Newspapers: publishing without printing.....	1	—
	Printing-trades machinery and equipment.....	1	—		Periodicals: publishing and printing.....	1	—
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	1	—		Periodicals: publishing without printing.....	8	11
	Sewing machines, domestic and industrial.....	1	—	9	Ammunition.....	1	—
	Special-industry machinery, not elsewhere classified.....	2	—		Chemicals not elsewhere classified.....	1	—
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	2	—		Cleaning and polishing preparations, blackings, and dressings.....	2	—
20	Brushes.....	3	410		Coal-tar products, crude and intermediate.....	1	—
	Dental equipment and supplies.....	1	—		Insecticides, fungicides, and related industrial and household chemical compounds.....	1	—
	Fabricated plastic products, not elsewhere classified.....	1	—		Paints, varnishes, and lacquers.....	2	—
	Hand stamps, stencils, and brands.....	3	10		Perfumes, cosmetics, and other toilet preparations.....	2	—
	Jewelry cases and instrument cases.....	1	—	10	Oven coke and coke-oven byproducts.....	1	—
	Models and patterns (except paper patterns).....	5	—	11	Rubber products not elsewhere classified.....	6	1,071
	Needles, pins, hooks and eyes, and slide and snap fasteners.....	1	—	12	Industrial leather belting and packing leather.....	1	—
	Organs.....	1	—	13	Clay refractories, including refractory cement (clay).....	1	—
	Signs, advertising displays, and advertising novelties.....	4	—		Concrete products.....	3	50
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	—		Gypsum products.....	1	—
CITY OF NEW HAVEN					Mirrors and other glass products made of purchased glass.....	2	—
1	Biscuit, crackers, and pretzels.....	1	—		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	22
	Candy and other confectionery products.....	3	117	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	—
	Canned fish, crustacea, and mollusks.....	1	—		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	3	273
	Condensed and evaporated milk.....	1	—		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1	—
	Food preparations, not elsewhere classified.....	1	—		Enameling, japanning, and lacquering.....	1	—
	Ice cream and ices.....	3	47		Firearms.....	5	—
	Liquors, rectified or blended.....	2	—		Gray-iron and semisteel castings.....	1	—
	Macaroni, spaghetti, vermicelli, and noodles.....	3	—		Hardware not elsewhere classified.....	5	1,366
	Malt liquors.....	1	—		Malleable-iron castings.....	2	—
	Meat packing, wholesale.....	1	—		Oil burners, domestic and industrial.....	1	—
	Salad dressings.....	1	—		Power boilers and associated products.....	4	77
2	Tobacco (chewing and smoking) and snuff.....	1	—		Saws.....	2	—
3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	3	179		Screw-machine products and wood screws.....	1	—
4	Children's dresses—made in contract factories.....	1	—		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	1	—
	Coats, suits, and skirts (except fur coats)—made in contract factories.....	1	—		Tools (except edge tools, machine tools, files, and saws).....	4	—
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	—		Wire drawn from purchased rods.....	1	—
	Dress and semidress gloves and mittens; cloth, leather and leather combined.....	1	—		Wirework not elsewhere classified.....	4	173
	Embroideries, other than Schiffli-machine products—contract factories.....	1	—	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1	—
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	—		Clocks, watches, and materials and parts (except watchcases).....	1	—
	Housefurnishings (except curtains, draperies, and bedspreads).....	2	—		Electroplating, plating, and polishing.....	1	—
	Men's and boys' hats and caps (except felt and straw).....	1	—		Jewelry (precious metals).....	1	—
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	2	—		Lighting fixtures.....	1	—
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	4	666		Nonferrous-metal foundries (except aluminum).....	3	63
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	3	—		Nonferrous-metal products not elsewhere classified.....	2	—
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	3	585		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 BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No. ¹	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
CITY OF NEW HAVEN—Continued				CITY OF NEW HAVEN—Continued			
15	Sheet-metal work not specifically classified.....	1		17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	1	
16	Automotive electrical equipment.....	1			Sewing machines, domestic and industrial.....	1	
	Batteries, storage and primary (dry and wet).....	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	3	
	Electrical appliances.....	2		19	Aircraft and parts, including aircraft engines.....	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	1			Boat building and boat repairing.....	1	
	Insulated wire and cable.....	2		20	Brushes.....	1	
	Wiring devices and supplies.....	1			Games and toys (except dolls and children's vehicles).....	3	526
17	Elevators, escalators, and conveyors.....	1			Jewelry cases and instrument cases.....	1	
	Food-products machinery.....	1			Miscellaneous fabricated products not elsewhere classified.....	1	
	Industrial machinery, not elsewhere classified.....	2			Signs, advertising displays, and advertising novelties.....	4	35
	Machine-shop products, not elsewhere classified.....	2			Sporting and athletic goods not elsewhere classified.....	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	3	314		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	2	
	Machine tools.....	1					
	Mechanical power-transmission equipment.....	1					
	Metalworking machinery and equipment, not elsewhere classified.....	1					

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