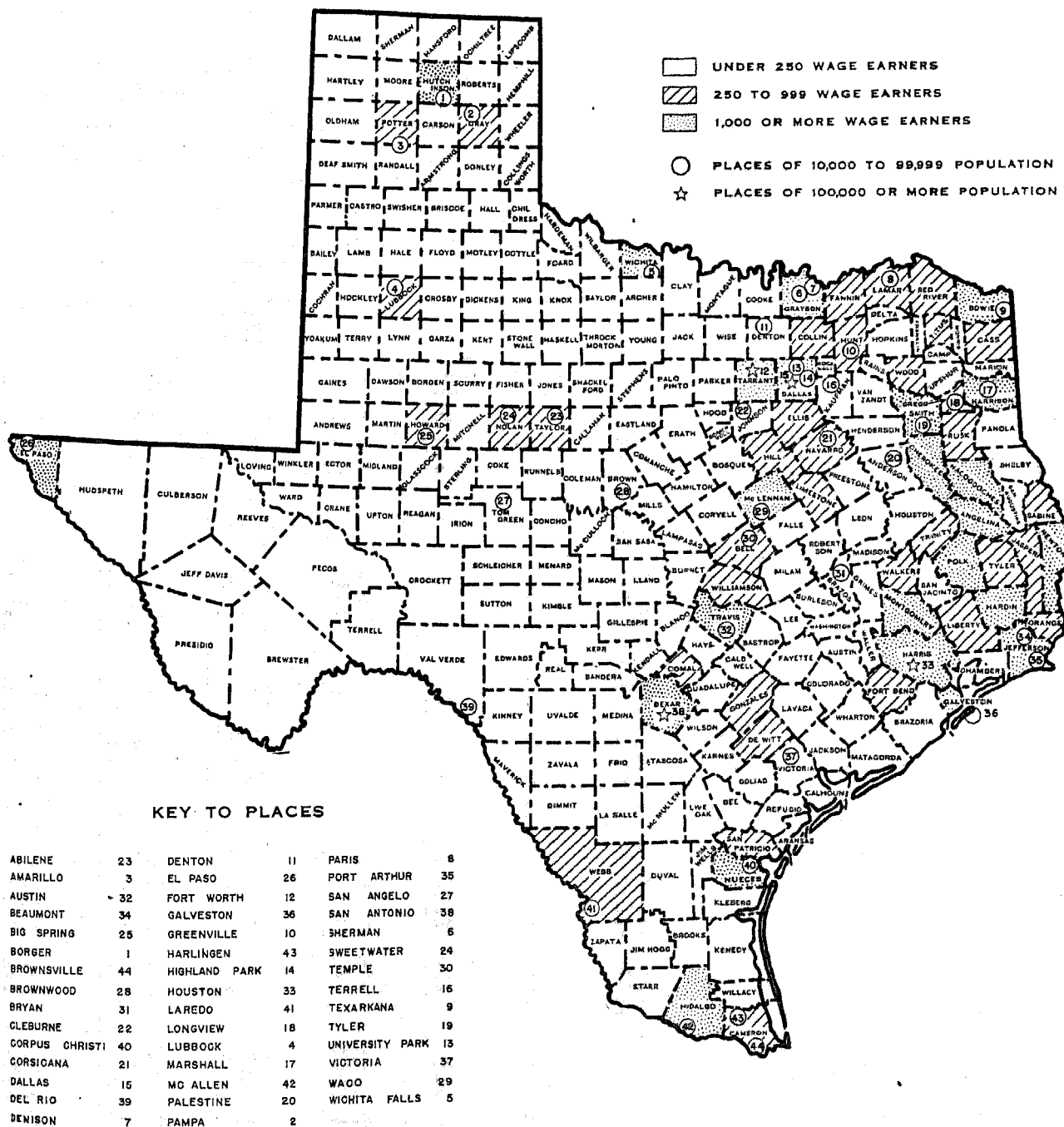


TEXAS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

TEXAS

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 ¹	Value of products ²	Value added by manufacture ³
1939.....	5,376	3,990	148,520	\$171,801,264	\$1,077,115,253	\$1,530,220,676	\$453,105,423
1937.....	4,422	2,960	162,065	175,784,853	1,141,567,954	1,581,422,401	439,854,447
1929.....	4,991	3,003	137,063	174,699,725	953,621,910	1,381,672,496	428,050,586

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 ²	Value added by manufacture ³
The State.....	6,414,824	5,376	128,992	\$128,138,703	\$1,077,115,253	\$1,530,220,676	\$453,105,423
COUNTIES ⁴							
Anderson.....	37,092	23	222	150,389	1,115,225	1,609,158	493,933
Andrews ⁵	1,277						
Angelina.....	32,201	32	1,817	1,524,191	2,797,057	6,234,071	3,437,014
Aransas ⁶	3,469	1					
Archer ⁷	7,599	3	48				
Armstrong ⁸	2,495	1					
Atascosa ⁹	19,275	2					
Austin ¹⁰	17,384	6	38				
Bailey ¹¹	6,318	1					
Bandera ¹²	4,234	1					
Bastrop.....	21,610	15	227	139,227	261,992	667,773	406,781
Baylor.....	7,755	5	30	19,603	105,164	171,822	66,658
Bee.....	16,481	8	35	27,029	615,451	767,782	152,331
Bell.....	44,863	30	283	208,850	1,084,614	2,031,760	947,146
Bexar.....	338,176	356	6,827	6,023,169	31,904,772	54,452,055	22,547,283
Blanco ¹³	4,264						
Borden ¹⁴	1,396						
Bosque ¹⁵	15,761	7	86				
Bowie.....	50,208	60	1,536	1,041,526	3,898,878	7,176,636	3,270,637
Brazoria ¹⁶	27,069	7	106				
Brazos.....	28,977	14	62	53,575	390,771	691,554	300,783
Brewster.....	6,478	3	5	3,905	19,594	50,429	30,635
Briscoe ¹⁷	4,056	2					
Brooks ¹⁸	6,362	6	36				
Brown.....	28,924	29	233	153,738	870,154	1,416,577	545,423
Burleson ¹⁹	18,334	5	239				
Burnet ²⁰	10,771	2					
Caldwell ²¹	24,593	14	137				
Callahan ²²	5,911	1					
Callahan ²³	11,668	3	19				
Cameron.....	83,202	69	853	542,159	5,149,029	7,663,799	2,514,770
Camp.....	10,285	13	242	116,860	287,023	558,588	271,565
Carson ²⁴	6,624	4	64				
Cass.....	33,496	20	842	395,325	458,701	1,340,909	882,298
Castro ²⁵	4,631	1					
Chambers.....	7,511	7	73	49,095	43,824	119,921	76,097
Cherokee.....	43,970	43	1,174	601,007	897,081	2,139,371	1,242,290
Childress.....	12,149	10	63	57,531	495,498	747,947	262,454
Clay ²⁶	12,524	2					
Cochran ²⁷	3,735						
Coke ²⁸	4,590						
Coleman.....	20,571	14	88	45,232	255,444	453,773	198,329
Collin.....	47,190	16	650	424,931	1,164,927	1,954,783	789,856
Collingsworth.....	10,331	3	11	8,173	18,034	48,373	30,389
Colorado.....	17,812	12	54	32,504	302,278	444,069	141,781
Comal.....	12,321	19	810	572,280	1,618,424	3,606,465	1,988,041
Comanche.....	19,245	8	43	31,537	231,676	333,124	101,448
Concho ²⁹	6,192	1					
Cooke.....	24,909	17	121	99,155	1,265,741	1,670,078	404,387
Coryell.....	20,226	7	21	14,123	182,159	269,831	87,672
Cottle.....	7,079	4	12	9,461	40,786	101,420	60,634
Crane ³⁰	2,841	1					
Crockett ³¹	2,809	1					
Crosby.....	10,046	3	5	4,345	5,817	21,939	16,122
Culberson ³²	1,663						

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 electric energy, and con- tract work ³	Value of prod- ucts ⁴	Value added by manufacture ⁵
COUNTIES—continued							
Dallam.....	6,494	6	27	\$26,734	\$164,864	\$318,926	\$154,062
Dallas.....	398,564	716	16,339	15,522,683	94,291,666	155,945,004	61,653,398
Dawson.....	15,397	9	89	56,922	393,930	569,767	178,867
Deaf Smith.....	6,056	6	28	31,038	298,267	425,600	127,898
Delta.....	12,858	5	57				
Denton.....	33,658	18	181	146,079	1,130,325	1,798,543	668,218
De Witt.....	24,935	30	686	395,632	2,002,703	2,895,591	892,888
Dickens.....	7,847	3	17				
Dimmit.....	8,542	1					
Donley.....	7,487	6	16	12,175	34,091	82,951	48,860
Duval.....	20,565	6	27	38,719	27,785	128,019	100,234
Eastland.....	30,845	24	75	72,740	211,978	626,933	414,955
Ector.....	15,051	16	117	132,981	548,968	954,544	405,676
Edwards.....	2,933	1					
Ellis.....	47,733	29	426	222,049	1,169,906	2,161,108	991,202
El Paso.....	131,067	132	3,061	2,671,294	58,262,010	65,783,148	7,521,138
Erath.....	20,760	11	77	46,174	641,847	863,796	221,949
Falls.....	35,984	15	102	60,230	540,488	757,870	217,392
Fannin.....	41,064	17	525	342,226	1,085,096	1,906,376	821,280
Fayette.....	29,246	19	130	95,517	764,380	1,241,378	486,998
Fisher.....	12,932	7	169	168,679	786,814	1,739,888	953,074
Floyd.....	10,659	4	14	11,486	92,005	147,420	55,415
Foard.....	5,237	2					
Fort Bend.....	32,963	15	581				
Franklin.....	8,378	2					
Freestone.....	21,138	6	27				
Frio.....	9,207	2					
Gaines.....	8,136	5	12				
Galveston.....	81,173	74	3,131	4,328,273	65,589,599	79,285,884	18,696,315
Garza.....	5,678	4	236				
Gillespie.....	10,670	10	52	33,229	68,059	166,415	98,356
Glasscock.....	1,193						
Goliad.....	8,798	3	5				
Gonzales.....	26,075	9	303	121,686	972,089	1,233,044	260,955
Gray.....	23,911	24	424	622,892	3,380,085	5,702,826	2,316,741
Grayson.....	69,469	63	2,137	1,399,725	17,675,298	22,851,573	5,176,275
Gregg.....	58,027	52	704	645,452	7,424,569	10,381,060	2,956,491
Grimes.....	21,960	6	80				
Guadalupe.....	25,596	12	188	117,221	1,323,334	1,785,326	461,962
Hale.....	18,813	19	158	140,287	1,867,163	2,678,321	806,168
Hall.....	12,117	6	53				
Hamilton.....	13,303	7	36	25,194	205,863	284,649	78,786
Hansford.....	2,783	4	11	8,451	12,121	30,873	18,752
Hardeman.....	11,073	8	184	158,108	943,950	1,876,079	982,129
Hardin.....	15,875	10	1,063	696,326	1,116,007	2,101,057	985,050
Harris.....	528,961	655	22,765	30,655,880	229,992,035	337,130,303	107,133,268
Harrison.....	50,900	33	1,285	906,099	3,259,760	5,843,212	2,683,452
Hartley.....	1,873						
Haskell.....	14,905	3	27				
Hays.....	16,349	6	30	23,413	162,041	286,492	124,451
Hemphill.....	4,170	4	142				
Henderson.....	31,822	12	189	103,943	233,954	489,123	255,169
Hidalgo.....	106,059	62	1,102	553,796	4,118,940	6,502,129	2,883,189
Hill.....	38,355	13	478				
Hockley.....	12,693	5	23				
Hood.....	6,674	2					
Hopkins.....	30,274	14	174	136,500	1,544,933	2,020,298	475,863
Houston.....	31,137	17	238	105,772	317,357	599,269	281,912
Howard.....	20,960	23	279				
Hudspeth.....	3,149	1					
Hunt.....	48,793	32	685	388,540	4,553,154	6,694,162	2,141,098
Hutchinson.....	19,069	28	1,168	1,695,799	17,961,380	23,618,645	5,667,265
Irion.....	1,963	1					
Jack.....	10,206	5	37	35,912	549,574	711,741	162,167
Jackson.....	11,720	6	48	29,729	151,691	225,188	73,447
Jasper.....	17,491	15	761	495,157	802,109	1,995,654	1,193,545
Jeff Davis.....	2,375						
Jefferson.....	145,329	130	12,208	18,409,136	252,354,457	321,532,176	69,177,719
Jim Hogg.....	5,449	3	13				
Jim Wells.....	20,239	10	67	53,021	243,765	431,456	187,691
Johnson.....	30,384	21	215	123,092	310,962	656,465	345,503
Jones.....	23,378	16	136	138,124	2,105,758	2,651,525	545,787
Karnes.....	19,248	9	55	38,663	294,798	388,799	92,001
Kaufman.....	38,308	16	167	105,208	990,566	1,497,764	607,168
Kendall.....	5,080	2					
Kenedy.....	700						
Kent.....	3,413	1					
Kerr.....	11,650	6	27	19,487	51,235	115,587	64,352
Kimble.....	5,064	3	9	6,150	12,990	33,459	20,463
King.....	1,066						
Kinney.....	4,533						
Kleberg.....	13,344	6	30	30,471	224,265	387,209	162,941
Knox.....	10,090	5	29	20,615	183,257	276,725	85,468
Lamar.....	50,425	35	799	470,484	2,439,103	3,643,818	1,594,715
Lamb.....	17,606	9	85	61,800	680,096	938,011	257,915

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

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

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ¹	Cost of materials, supplies, fuel, purchased electric energy, and con- tract work ²	Value of prod- ucts ³	Value added by manufacture ⁴
COUNTIES ¹ —continued							
Lampasas ¹	9,167	5	41				
La Salle ¹	8,003	1					
Lavaca	25,485	12	150	\$90,809	\$680,010	\$1,006,989	\$326,979
Lee ¹	12,761	3	7				
Leon	17,733	6	75	32,434	31,381	96,100	64,719
Liberty	24,541	22	370	236,222	328,083	835,438	506,755
Limestone	33,781	9	205	158,185	672,511	1,101,925	489,414
Lipscomb ¹	3,764	2					
Live Oak ¹	9,799	2					
Llano	5,960	7	51	40,648	31,969	122,826	90,887
Loving ¹	285						
Lubbock	51,782	66	728	650,229	6,307,989	8,732,898	2,424,909
Lynn	11,931	4	11	6,888	10,775	55,393	85,618
McCulloch	13,208	10	61	28,934	282,367	373,085	110,718
McLennan	101,898	112	2,876	2,128,044	8,452,790	15,466,253	7,013,463
McMullen ¹	1,374						
Madison	12,029	3	6	4,464	13,043	33,359	19,716
Marion	11,457	7	162	76,499	328,525	541,308	212,783
Martin ¹	5,556	1					
Mason	5,378	4	7	6,350	18,389	50,862	82,463
Matagorda	20,065	17	197	128,971	1,293,919	1,744,074	450,155
Maverick	10,071	4	16	13,997	38,705	160,199	121,494
Medina	16,106	5	204	72,155	397,568	634,469	236,901
Menard ¹	4,621	2					
Midland	11,721	7	36	46,637	111,879	252,988	141,109
Milam	33,120	12	50	36,385	383,586	617,129	233,544
Mills ¹	7,951	2					
Mitchell ¹	12,477	6	149				
Montague	20,442	14	170	150,315	424,305	940,350	516,045
Montgomery	23,055	28	1,028	640,889	821,164	2,025,603	1,204,499
Moore	4,461	10	243	320,176	1,943,724	3,711,046	1,767,322
Morris	9,810	4	63	24,667	20,853	59,700	38,847
Motley ¹	4,994	1					
Nacogdoches	35,392	32	1,245	781,363	1,866,563	3,528,640	1,662,077
Navarro	51,308	26	636	566,739	3,400,699	4,671,493	1,270,794
Newton	13,700	12	1,302	1,022,969	1,269,199	3,008,623	1,739,424
Nolan	17,309	16	860	436,043	3,890,290	5,945,494	2,055,204
Nueces	92,661	88	1,232	1,407,149	26,079,624	35,649,706	9,570,172
Ochiltree	4,213	7	16	16,083	90,917	155,787	64,870
Oldham ¹	1,385						
Orange	17,382	16	527	447,745	1,832,863	2,842,645	1,009,782
Palo Pinto	18,456	14	141	104,710	234,302	689,164	454,852
Panola	22,513	6	111	40,814	60,000	181,980	121,380
Parker	20,482	16	203	136,143	359,791	816,461	456,670
Parmer ¹	5,890						
Pecos	8,185	6	15	20,592	366,570	414,671	48,101
Polk	20,635	18	1,466	920,059	1,113,523	2,898,789	1,785,266
Potter	54,235	70	957	1,191,701	7,199,032	11,085,899	3,896,867
Presidio	10,925	5	19	12,255	109,449	160,347	50,998
Rains ¹	7,334						
Randall ¹	7,185	3	17				
Reagan ¹	1,997						
Real ¹	2,420						
Red River	29,769	12	265	192,857	378,685	857,206	478,521
Reeves	8,006	5	31	26,808	75,823	165,807	89,984
Refugio ¹	10,383	4	10				
Roberts ¹	1,289						
Robertson	25,710	6	49	36,377	379,762	554,658	174,896
Rockwall ¹	7,051						
Runnels	18,903	10	60	39,858	453,547	587,202	133,655
Rusk	51,023	25	270	175,815	2,864,650	3,454,847	590,197
Sabine ¹	10,896	3	417				
San Augustine ¹	12,471	3	33				
San Jacinto	9,056						
San Patricio ¹	23,871	14	629				
San Saba	11,012	4	11	0,225	22,674	50,602	27,928
Schleicher ¹	3,083	1					
Scurry	11,646	5	40	36,018	313,439	435,766	122,827
Shackelford ¹	6,211	2					
Shelby	29,235	16	165	114,120	193,136	513,504	315,368
Sherman ¹	2,026						
Smith	69,090	61	1,040	841,510	5,984,895	8,807,162	2,882,267
Somervell ¹	3,071						
Starr ¹	13,312	3	21				
Stephens	12,856	12	74	68,068	129,868	332,755	202,887
Sterling ¹	1,404						
Stonewall ¹	5,589						
Sutton ¹	3,977	1					
Swisher	6,528	6	25	17,916	343,012	404,845	61,833
Tarrant	225,621	312	8,122	8,555,913	76,111,786	106,431,481	30,819,095
Taylor	44,147	49	617	471,220	3,051,971	4,936,853	1,894,882
Terrell ¹	2,952	1					
Terry	11,160	5	23	14,478	22,656	61,397	38,741
Throckmorton ¹	4,275	3	1				
Titus	10,228	15	292	199,857	2,601,464	3,765,350	1,163,886
Tom Green	39,302	34	246	233,280	910,474	1,952,013	1,041,539
Travis	111,053	96	1,220	1,153,928	3,489,889	8,155,045	4,655,756
Trinity	18,705	9	820	355,526	507,114	1,001,188	484,072
Tyler	11,948	19	800	277,272	419,165	887,596	463,481
Upshur	20,178	11	222	107,026	279,618	509,957	230,339

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 electric energy, and con- tract work ³	Value of prod- ucts ⁴	Value added by manufacture ⁵
COUNTIES ⁶ —continued							
Upton.....	4,297	0	16	\$14,995	\$36,299	\$87,529	\$51,230
Uvalde.....	13,246	4	14	14,760	25,532	82,091	50,659
Val Verde.....	15,453	8	22	17,883	42,454	144,459	102,005
Van Zandt.....	31,155	6	151				
Victoria.....	23,741	16	124	109,735	463,705	831,464	367,759
Walker.....	19,868	7	337	193,750	367,538	996,280	628,742
Waller.....	10,280	3	45				
Ward.....	9,575	11	116	148,386	593,395	1,438,437	845,042
Washington.....	25,387	14	228	138,244	649,734	1,016,958	367,224
Webb.....	45,916	20	376	214,045	1,033,663	2,107,813	1,074,160
Wharton.....	36,158	20	112	101,265	1,400,485	1,823,318	422,833
Wheeler.....	12,411	11	78	73,642	490,473	702,961	212,488
Wichita.....	73,604	108	1,678	1,812,285	10,425,149	15,998,290	8,443,111
Wilbarger.....	20,474	18	171	147,687	2,078,898	2,089,717	610,819
Willacy.....	13,230	8	26	20,499	89,820	102,670	72,850
Williamson.....	41,998	30	381	297,968	1,770,604	2,736,988	966,284
Wilson.....	17,066	6	134	94,222	162,060	482,197	319,637
Winkler.....	6,141	9	44	51,966	52,891	283,421	230,630
Wise.....	19,074	7	76	41,430	230,872	355,478	124,606
Wood.....	24,360	21	314	160,827	505,636	919,359	413,723
Yoakum.....	5,354	1					
Young.....	19,004	24	166	164,404	1,418,098	2,024,163	606,065
Zapata.....	3,916						
Zavala.....	11,603	3	32				
Undistributed ⁷		267	4,569	4,089,661	44,237,005	58,441,195	14,204,190
PLACES HAVING 10,000 OR MORE INHABITANTS							
Abilene.....	26,612	42	510				
Amarillo.....	51,686	66	556	636,020	3,089,935	5,683,345	2,493,410
Austin.....	87,630	92	1,076	1,062,347	3,143,692	7,545,635	4,401,943
Beaumont.....	59,061	30	1,788	1,584,250	5,910,395	12,398,675	5,488,280
Big Spring.....	12,604	18	88				
Borger.....	10,018	13	144	185,301	483,556	960,420	482,864
Brownsville.....	22,083	25	234	124,345	508,981	986,202	482,221
Brownwood.....	13,398	28	231				
Bryan.....	11,842	14	63	63,575	390,771	691,554	300,783
Cleburne.....	10,558	11	81	63,707	151,825	329,712	177,867
Corpus Christi.....	57,301	64	652	735,429	9,723,189	13,845,582	4,122,393
Corseana.....	15,232	24	559				
Dallas.....	294,784	645	13,709	12,927,204	77,439,918	126,752,187	49,812,269
Del Rio.....	13,343	8	22	17,883	42,454	144,459	102,005
Denison.....	15,581	22	419	299,842	5,225,478	6,121,662	896,184
Denton.....	11,192	16	133				
El Paso.....	96,810	116	1,916				
Fort Worth.....	177,662	284	7,010	7,228,117	63,615,809	89,157,809	25,542,000
Galveston.....	60,862	60	1,876				
Greenville.....	13,995	25	578	334,253	4,242,642	6,202,629	1,959,987
Harlingen.....	13,806	20	176	158,381	839,303	1,621,267	781,964
Highland Park.....	10,288	1					
Houston.....	384,614	589	15,618	19,327,848	72,439,965	141,738,038	69,298,073
Laredo.....	39,274	18	198				
Longview.....	13,758	19	303	205,623	452,175	1,280,972	828,797
Lubbock.....	31,853	55	584	533,186	4,872,784	6,835,873	1,963,119
Marshall.....	18,410	23	612	439,448	2,540,482	4,029,484	1,489,002
McAllen.....	11,677	13	215	92,843	670,534	1,122,800	432,266
Palestine.....	12,144	16	136				
Pampa.....	12,895	14	126	179,417	340,515	1,145,316	798,801
Paris.....	18,678	33	781				
Port Arthur.....	46,140	25	327	343,916	1,275,357	2,436,525	1,161,108
San Angelo.....	25,802	33	219				
San Antonio.....	258,854	328	8,814	4,971,102	25,770,085	43,781,006	18,010,921
Sherman.....	17,156	28	802	617,806	10,401,006	13,430,798	3,088,792
Sweetwater.....	10,367	13	135				
Temple.....	15,344	25	267	201,007	994,309	1,861,076	866,767
Terrell.....	10,481	10	140	83,985	810,095	1,220,255	410,160
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				
Texarkana, Texas.....	17,019	37	928				
Tyler.....	28,279	42	782	658,158	3,608,045	5,761,220	2,153,175
University Park.....	14,468						
Victoria.....	11,666	15	109				
Waco.....	55,982	97	1,739	1,250,046	5,716,746	10,895,975	4,679,229
Wichita Falls.....	45,112	77	1,400	1,494,100	6,840,355	11,284,805	4,444,450

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 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, and for the same reason no table giving statistics by industries, except for personnel, for the city of El Paso is included in this report.

CENSUS OF MANUFACTURES: 1939

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

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

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	176,818	136,669	Salaried officers and employees—Continued.		
Male.....	150,548	118,593	All other employees, etc.—Continued.		
Female.....	26,270	18,076	Engaged in manufacturing:		
Salaried officers and employees, total.....	39,446	20,215	Male.....	13,867	
Male.....	34,417	16,763	Female.....	3,009	
Female.....	5,029	3,452	Engaged in distribution:		
Salaried officers of corporations, total.....	2,652	2,617	Male.....	13,952	
Male.....	2,481	2,498	Female.....	1,779	
Female.....	171	119	Engaged in construction:		
All other employees (except wage earners in manufacturing), total.....	36,794	17,598	Male.....	3,254	
Male.....	31,938	14,265	Engaged in other work:		
Female.....	4,856	3,333	Male.....	863	
			Female.....	70	
			Wage earners engaged in manufacturing, total.....	137,372	116,454
			Male.....	116,131	101,830
			Female.....	21,241	14,624

¹ See headnote.

² Figures do not include data for 3,960 proprietors and firm members for 1939 and 3,003 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.....	126,992	120,575	122,179	124,587	124,046	125,313	127,292	126,230	126,194	128,855	130,432	134,848	132,451
1937.....	129,501	122,763	125,297	126,618	128,144	130,506	133,475	130,177	131,558	134,428	132,130	130,569	128,544
1929.....	116,848	109,798	112,261	112,698	114,140	113,766	114,377	116,963	120,874	124,438	123,908	121,281	117,740

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ¹
	1939	1929	1939	1929	1939	1939
All establishments.....	5,376	4,991	126,992	116,848	\$1,530,220,676	\$453,105,423
No wage earners.....	137	91			2,848,917	1,526,666
1 to 5.....	2,678	2,621	7,356	7,974	62,767,140	33,518,480
6 to 20.....	1,545	1,322	16,711	14,374	140,136,986	58,012,942
21 to 50.....	611	537	19,337	16,802	178,066,830	64,243,974
51 to 100.....	273	212	19,017	15,009	174,616,751	59,263,864
101 to 250.....	167	147	25,633	22,450	236,320,167	81,903,298
251 to 500.....	47	44	15,766	14,887	158,737,508	30,506,879
501 to 1,000.....	10	8	7,110	4,828	160,950,713	25,804,211
1,001 to 2,500.....	4	6	4,765	6,872	136,050,277	34,202,709
2,501 or more.....	4	4	11,297	13,652	283,725,387	64,122,470

¹ See headnotes to tables 3 and 4.

¹ See GENERAL EXPLANATIONS—Value added by manufacture.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	5,376	4,991	126,992	116,848	\$1,530,220,676	\$1,381,672,496	\$453,105,423	\$428,050,586
\$5,000 to \$19,999.....	1,978	1,915	6,594	5,461	22,539,533	21,824,925	13,651,186	13,859,096
\$20,000 to \$49,999.....	1,822	1,170	9,180	7,022	42,451,513	37,895,509	24,188,404	23,354,220
\$50,000 to \$99,999.....	714	673	9,963	8,386	50,158,563	46,938,601	26,226,800	27,554,975
\$100,000 to \$249,999.....	659	530	18,107	14,285	104,097,027	83,758,949	47,300,210	43,392,754
\$250,000 to \$499,999.....	325	296	17,354	13,708	114,413,233	104,827,737	45,014,138	41,450,846
\$500,000 to \$999,999.....	188	211	19,247	18,172	130,344,927	146,868,010	55,300,746	55,634,842
\$1,000,000 to \$2,499,999.....	127	136	18,372	17,878	166,089,630	200,975,801	73,659,689	68,497,064
\$2,500,000 to \$4,999,999.....	85	38	4,310	5,836	120,583,466	122,217,265	27,859,426	33,304,211
\$5,000,000 and over.....	28	24	23,865	25,500	749,542,784	616,365,069	140,374,464	126,941,975

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.....	5,376	4,991	126,992	116,848	\$1,530,220,676	\$1,381,672,496	\$453,105,423	\$428,050,586
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	1,151	(⁴)	63,893	(⁴)	1,103,759,285	(⁴)	274,569,092	(⁴)
Independent (single-unit).....	1,345	(⁴)	38,309	(⁴)	306,116,064	(⁴)	122,938,026	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	241	(⁴)	3,009	(⁴)	18,323,117	(⁴)	8,172,166	(⁴)
Independent (single-unit).....	2,639	(⁴)	21,981	(⁴)	102,022,210	(⁴)	47,426,139	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	1,392	884	66,702	51,838	1,122,082,402	866,945,103	282,741,258	218,904,521
Independent (single-unit), corporate and noncorporate.....	3,984	4,107	60,290	65,810	408,138,274	514,727,393	170,364,165	209,146,065
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	2,496	2,315	102,002	98,944	1,409,875,349	1,277,665,361	397,507,118	378,855,057
Noncorporate, total.....	2,880	2,676	24,990	17,904	120,345,327	104,007,135	55,598,305	49,195,529
Individual.....	1,691	(⁴)	14,936	(⁴)	66,561,517	(⁴)	32,471,550	(⁴)
Partnership.....	860	(⁴)	9,373	(⁴)	48,375,311	(⁴)	21,794,513	(⁴)
Cooperative.....	13	(⁴)	467	(⁴)	3,285,741	(⁴)	825,654	(⁴)
Other.....	16	(⁴)	214	(⁴)	2,122,758	(⁴)	506,588	(⁴)

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Propri-eters and firm mem-bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distri-bution	Con-struc-tion	Other
						Salaried employ-ees ⁴	Wage earners (average for year) ⁵			
1	All industries, total.....	5,376	3,990	166,438	2,652	16,876	126,992	15,731	3,254	983
2	Agricultural machinery (except tractors).....	10	9	129	5	23	90	4		4
3	Automobile trailers (for attachment to passenger cars).....	3	3	60		1	55	4		
4	Baskets for fruits and vegetables.....	10	16	868	2	32	825	9		
5	Batteries, storage and primary (dry and wet).....	15	9	460	7	45	305	40	2	1
6	Batting, padding, and wadding; upholstery filling.....	4	1	61	2	6	46	6		1
7	Belts (apparel), regardless of material.....	4	4	53		1	31	21		
8	Biscuit, crackers, and pretzels.....	6	5	715	2	67	605	36		5
9	Blowers; exhaust and ventilating fans.....	8	8	55	3	8	40	4		
10	Bone black, carbon black, and lampblack.....	87		1,440	12	141	1,200	3	82	2
11	Bookbinding and related industries.....	16	11	200	10	22	159	9		
12	Books: printing without publishing.....	9	4	107	10	12	70	14	1	
13	Books: publishing and printing.....	5		301	15	43	197	46		
14	Books: publishing without printing.....	9	2	108	10	66		32		
15	Bread and other bakery products (except biscuit, crackers, and pretzels).....	535	565	6,902	72	404	5,653	565	28	180
16	Brick and hollow structural tile.....	37	12	1,638	21	95	1,432	66	24	
17	Brooms.....	25	25	232	6	8	194	24		
18	Candy and other confectionery products.....	54	38	964	16	46	752	140		
19	Canned and dried fruits and vegetables (including canned soups).....	54	29	2,259	29	98	2,086	65	7	4
20	Canvas products (except bags).....	12	8	248	7	13	184	71	3	
21	Cars and car equipment—railroad, street, and rapid-transit.....	4		58		7	61			
22	Caskets, coffins, burial cases, and other morticians' goods.....	23	14	523	26	33	393	69		2
23	Cement.....	10		1,507	5	169	1,200	59	14	
24	Cheese.....	22	14	154		35	117	2		
25	Chemicals not elsewhere classified.....	12	1	886	3	123	703	12	42	3
26	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	3	147	1	5	135	3	1	2
27	Children's dresses—made in inside factories or by jobbers engaging contractors.....	3	2	160	3	3	162	1		
28	Cleaning and polishing preparations, blackings, and dressings.....	5	6	20	1	2	20	5		1
29	Coated and glazed paper.....	3		318		18	265	19	16	
30	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	7	9	170	2	10	147	8		3
31	Commercial laundry, dry-cleaning, and pressing machinery.....	4	2	78	3	8	84	13		
32	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	27		335	9	41	192	93		
33	Concrete products.....	60	40	736	41	33	637	73	1	1
34	Condensed and evaporated milk.....	9	1	209	5	34	161	8		1
35	Construction and similar machinery (except mining and oil-field machinery and tools).....	3	2	71	3	3	59	6		
36	Converted paper products not elsewhere classified.....	3	2	104	4	8	78	14		
37	Cooking and other edible fats and oils, not elsewhere classified.....	10		884	14	120	652	74	23	1
38	Cooperage.....	8	2	60	5	5	48			2
39	Cotton broad woven goods.....	21		6,066	27	170	5,823	8		38
40	Cottonseed oil, cake, meal, and linters.....	144	38	4,774	113	628	3,818	182	18	15
41	Creamery butter.....	66	32	979	18	134	600	163	37	27
42	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	7	3	116	7	5	99	5		
43	Custom slaughtering, wholesale.....	6	7	79	1	6	71	1		
44	Drugs and medicines (including drug grinding).....	21	8	282	26	36	146	63	9	2
45	Electroplating, plating, and polishing.....	8	10	57	2	1	50	4		
46	Electrotyping and stereotyping, not done in printing establishments.....	4	4	33		5	23	5		
47	Engraving (steel, copperplate, and wood); plate printing.....	10	7	110	2	15	86	7		
48	Envelopes.....	5	1	110	7	11	69	23		
49	Explosives.....	3		8			4	4		
50	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	44	30	1,676	41	111	1,370	154		
51	Fertilizers.....	17	13	268	8	23	192	33	2	
52	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	5	2	334	9	33	256	35		1
53	Flavoring extracts and flavoring sirups, not elsewhere classified.....	16	13	245	7	37	112	89		
54	Flour and other grain-mill products.....	67	37	2,649	71	288	1,620	575	58	37
55	Food preparations, not elsewhere classified.....	64	57	978	15	59	719	180		5
56	Food-products machinery.....	4	6	45		6	33	6		
57	Footwear (except rubber).....	6	1	256	8	20	207	21		
58	General commercial (job) printing.....	315	334	2,293	137	280	1,646	230		
59	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	4	1	96	2	20	66	8		
60	Gray-iron and semisteel castings.....	28	20	888	25	65	746	62		
61	Grease and tallow (except lubricating greases).....	4	1	44	6	2	27	7	2	
62	Gypsum products.....	5	1	398		41	326	28	3	
63	Hand stamps, stencils, and brands.....	9	7	35	2	3	27	3		
64	Heating and cooking apparatus, except electric, not elsewhere classified.....	3	1	13	1	6	6			
65	Hosiery—full-fashioned.....	3		416	7	21	357	29		2
66	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	9	5	299	2	19	245	31		2

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

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

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							Value of products	Value added by manufacture
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work				
		Salaries	Wages												
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars		
199,510,575	11,434,195	32,228,306	128,138,703	22,525,597	4,236,711	947,003	1,077,115,253	1,046,046,477	17,304,459	10,624,540	3,139,777	1,530,220,676	453,105,423		
122,440	23,645	20,673	64,361	6,087		1,674	206,740	198,697	5,287	2,500	256	462,947	256,207		
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)		
482,618	5,700	36,948	417,170	22,791			392,927	389,070	519	3,338		1,231,148	838,221		
544,035	38,114	79,806	357,482	64,242	3,848	543	2,043,455	1,975,708	12,477	55,270		3,634,699	1,591,244		
35,725	6,160	7,241	19,790	1,953		581	80,433	74,743	1,036	2,677	1,977	129,229	48,796		
20,232		725	17,509	7,938			61,674	61,371	43	260		104,694	43,020		
784,351	13,200	125,237	540,888	98,577		6,449	1,571,978	1,539,136	24,771	8,056		4,161,041	2,589,068		
61,364	7,429	10,903	38,565	4,407			100,168	96,386	483	1,299		188,240	88,072		
2,122,432	107,400	303,690	1,589,788	10,541	103,098	1,915	4,658,855	4,397,885	1,303	254,670		11,123,048	6,469,160		
231,848	37,059	32,069	129,927	32,793			245,590	238,290	1,095	3,997	2,218	731,269	485,709		
164,278	33,137	18,301	86,098	26,188	554		138,983	121,625	1,146	4,169	12,043	362,554	223,581		
538,985	73,083	64,611	286,221	115,070			463,940	451,130	1,531	7,445	3,834	1,244,095	780,165		
180,321	56,478	63,762	83,301	60,081			224,842	20,894			203,948	688,870	464,028		
7,515,966	323,024	626,804	5,846,426	557,869	24,728	137,115	15,694,908	15,050,125	302,587	342,196		32,994,866	17,299,958		
1,124,659	72,641	128,727	839,060	72,683	11,548		877,820	253,919	522,712	92,439	8,750	2,876,007	1,998,187		
185,945	8,080	8,096	132,939	36,830			318,152	312,630	1,659	3,863		624,620	300,468		
767,111	55,096	68,571	433,982	206,198		2,964	2,104,544	2,064,664	18,669	19,946	1,265	3,834,117	1,729,573		
1,102,188	94,889	117,708	833,301	48,445	5,208	2,036	6,702,276	6,594,172	57,645	47,325	3,134	9,781,966	3,089,720		
243,769	48,006	22,075	112,202	58,601	2,876		558,733	551,761	1,963	5,009		1,067,448	508,715		
84,684		13,431	71,253	59,013			59,013	53,488	1,286	4,239		161,588	102,575		
641,578	120,687	54,401	331,447	134,021		1,022	936,412	920,052	5,536	10,824		2,113,020	1,176,608		
2,048,585	28,837	411,442	1,424,423	107,488	16,395		3,935,364	1,963,377	1,217,498	754,489		12,726,180	8,790,816		
155,486		46,291	108,287	928			1,999,768	1,924,810	21,407	23,489		2,412,755	442,989		
1,183,442	16,604	314,221	774,654	46,612	24,590	6,761	2,439,856	2,133,278	237,465	66,113		6,479,090	4,039,234		
(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)		
32,831	2,600	3,337	20,431	5,963		500	64,631	63,638	176	717		152,361	87,830		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
130,622	4,505	9,897	99,390	14,490		2,340	285,562	282,307	1,061	2,194		508,292	222,730		
81,078	9,020	6,806	47,822	17,870			124,551	122,815	102	1,634		305,342	180,791		
592,743	57,604	90,498	204,791	179,850			489,841	339,106	31,564	119,171		2,033,040	1,543,199		
786,980	163,019	57,514	476,584	89,079	1,248	636	1,748,239	1,717,711	6,948	23,205	375	3,250,236	1,501,997		
223,052	13,605	50,159	160,487	8,001		800	1,955,725	1,931,539	40,257	13,929		2,611,978	626,253		
(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)		
1,039,906	103,188	231,687	625,584	152,575	20,066	806	15,390,346	15,213,431	128,061	48,854		18,733,914	3,343,568		
53,756	12,979	7,071	32,457	1,249		1,249	158,493	156,229	965	1,299		248,987	90,494		
4,039,769	101,843	301,891	3,601,924	11,728	22,383	6,463,401	8,463,401	5,885,931	139,388	438,082		12,964,406	6,501,005		
4,040,115	319,104	1,101,246	2,862,664	238,309	11,133	7,650	35,052,317	34,100,692	507,273	443,351	1,001	44,406,882	9,354,565		
931,803	46,198	163,732	476,199	157,800	22,852	66,022	9,194,450	8,998,555	65,772	130,093		11,349,176	2,154,726		
88,766	17,816	7,270	60,112	3,568			481,047	479,267	260	1,520		639,840	158,793		
79,293	2,520	8,780	66,493	1,500			21,984	21,984	4,997	16,522		115,056	93,072		
418,387	90,549	59,022	121,158	139,623	5,986	2,029	580,189	569,662	7,117	6,410		1,581,603	1,001,474		
57,736	3,480	1,080	40,178	3,998			19,792	14,016	2,419	3,110	247	129,652	109,860		
40,382		9,346	32,710	7,326			27,214	18,242	1,975	3,162	3,835	147,469	120,255		
132,545	11,600	22,976	88,087	9,882			147,846	141,978	681	3,062	1,625	487,625	340,279		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
17,090		5,390	11,700				87,290	86,653	637			647,193	559,903		
2,115,014	148,098	213,414	1,499,688	253,814			5,775,250	5,665,186	19,196	66,758	24,110	9,982,810	4,207,590		
181,681	13,424	24,702	89,072	48,959	4,512	352	1,388,953	1,367,970	2,504	14,394	2,085	2,017,717	630,764		
304,722	58,040	33,076	167,662	45,190		754	504,350	495,437	3,602	5,811		1,096,736	562,386		
324,253	18,725	66,643	106,849	132,136			2,710,219	2,706,450	3,703	5,106		3,466,114	5,749,795		
3,412,611	330,194	513,530	1,581,965	908,378	45,430	33,114	31,881,028	30,679,867	95,467	306,294		41,250,858	9,899,230		
704,050	48,874	88,824	428,249	193,895		4,708	4,288,261	4,203,381	33,301	51,879		6,568,554	2,276,293		
45,425		7,407	30,360	7,658			73,684	73,681	36	807		188,771	109,087		
324,741	43,600	34,054	214,040	33,047			354,008	348,886	1,626	4,036		882,690	528,022		
2,943,047	405,190	352,334	1,843,147	842,376			2,803,443	2,658,605	21,790	87,789	135,259	8,074,124	5,270,681		
137,733	6,800	44,348	74,984	11,601			408,819	403,106	611	4,352	250	728,441	320,122		
980,834	99,629	123,395	683,424	74,386			864,326	781,086	107,150	24,128	1,962	2,357,943	1,493,617		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
511,223		91,575	347,767	68,356	3,525		856,326	852,086	69,222	104,418		3,226,112	2,309,756		
44,963	8,600	3,720	27,843	4,800			35,749	33,699	596	639	515	148,454	112,705		
19,676	6,000	5,736	7,940				37,510	34,515	139	357	2,499	76,419	38,909		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
206,334	4,800	20,002	147,901	23,331		1,300	399,331	385,470	982	2,879		680,162	290,831		

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR THE

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 corporations ³	Manufacturing		Distri- bution	Con- struc- tion	Other
						Salaried employ- ees ⁴	Wage earners (average for year) ⁵			
1	4	Housefurnishings (except curtains, draperies, and bedspreads).....	9	8	238	2	19	184	27	1
2	6	Household furniture, except upholstered.....	24	25	1,020	17	46	861	103	3
3	1	Ice cream and ices.....	131	78	1,687	53	186	687	686	37
4	1	Ice, manufactured.....	449	179	3,653	116	361	1,441	1,652	40
5	12	Industrial leather belting and packing leather.....	6	1	35	7	5	18	5	43
6	17	Industrial machinery, not elsewhere classified.....	10	3	208	16	25	153	12	
7	9	Insecticides, fungicides, and related industrial and household chemical compounds.....	19	9	111	14	12	38	46	1
8	15	Jewelry (precious metals).....	8	5	112		17	90	5	
9	12	Lime.....	7	1	221	10	16	181	14	
10	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	19	11	466	20	75	325	46	
11	5	Logging camps and logging contractors (not operating sawmills).....	42	50	532		3	525	4	
12	9	Lubricating oils and greases—not made in petroleum refineries.....	4	4	93	4	4	26	60	
13	1	Macaroni, spaghetti, vermicelli, and noodles.....	10	6	109	6	6	78	18	1
14	8	Machine and hand typesetting (including advertisement typesetting).....	10	8	105	6	16	76	6	1
15	17	Machine-shop products, not elsewhere classified.....	62	49	864	36	92	676	50	8
16	17	Machine-shop repairs.....	142	166	924	31	80	765	43	5
17	1	Malt liquors.....	8	1	1,267	14	93	690	442	27
18	6	Mattresses and bedsprings.....	69	68	775	18	63	590	101	1
19	1	Meat packing, wholesale.....	66	53	6,089	62	608	3,944	1,145	119
20	4	Men's and boys' shirts (except work shirts), collars, and nightwear— made in inside factories or by jobbers engaging contractors.....	3	4	125	2	14	109		212
21	4	Men's and boys' suits, coats, and overcoats (except work clothing)— made in inside factories or by jobbers engaging contractors.....	7	7	254	6	18	211	18	1
22	4	Men's neckwear—made in inside factories or by jobbers engaging con- tractors.....	5	4	121	3	4	107	7	
23	4	Millinery.....	22	11	902	24	76	723	69	10
24	13	Mineral wool.....	4		44	2	4	30	8	
25	13	Minerals and earths, ground or otherwise treated.....	10	2	389	8	24	341	10	
26	13	Mirrors and other glass products made of purchased glass.....	9	7	85	1	4	69	11	
27	20	Models and patterns (except paper patterns).....	7	9	27		1	24	2	
28	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	65	78	605	8	32	510	51	4
29	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	24	15	1,491	12	44	1,327	105	15
30	8	Newspapers: publishing and printing.....	362	353	7,673	191	2,097	3,468	1,808	9
31	8	Newspapers: publishing without printing.....	6	9	9		8	1		
32	1	Nonalcoholic beverages.....	307	235	4,115	174	271	1,431	2,131	9
33	15	Nonferrous-metal foundries (except aluminum).....	12	6	239	6	22	199	12	99
34	17	Oil-field machinery and tools.....	65	24	7,928	80	1,035	6,003	634	110
35	9	Paints, varnishes, and lacquers.....	25	10	388	26	32	193	131	3
36	7	Paperboard containers and boxes not elsewhere classified.....	17	2	505	15	49	404	35	2
37	6	Partitions, shelving, cabinet work, and office and store fixtures.....	16	11	323	15	29	258	21	
38	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and com- position.....	3		19		3	15	1	
39	9	Perfumes, cosmetics, and other toilet preparations.....	12	12	133	4	15	94	20	
40	8	Periodicals: publishing and printing.....	26	19	636	21	190	365	60	
41	8	Periodicals: publishing without printing.....	51	30	235	28	172	1	34	
42	10	Petroleum refining.....	113	29	25,302	77	3,906	18,931	362	1,980
43	8	Photoengraving, not done in printing establishments (including prepara- tion of plates).....	24	13	296	21	55	174	46	
44	1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	13	7	300	18	15	247	17	1
45	5	Planing mills not operated in conjunction with sawmills.....	120	105	2,285	34	200	1,951	75	1
46	13	Pottery products not elsewhere classified.....	6	7	83	2	5	71	5	
47	1	Poultry dressing and packing, wholesale.....	62	46	1,547	5	86	1,425	29	2
48	14	Power boilers and associated products.....	23	15	820	25	100	653	41	1
49	1	Prepared feeds (including mineral) for animals and fowls.....	59	61	984	33	114	642	170	21
50	1	Preserves, jams, jellies, and fruit butters.....	5	7	89	5	7	74	3	
51	15	Primary smelting and refining of nonferrous metals.....	4		1,304	1	137	1,165		5
52	9	Printing ink.....	3		29	2	2	8	15	2
53	17	Printing-trades machinery and equipment.....	4	1	24	3	2	11	8	
54	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	5		149	13	9	122	5	
55	17	Pumping equipment and air compressors.....	4	2	409	2	43	283	62	18
56	17	Refrigerators, domestic (mechanical and absorption), refrigeration ma- chinery and equipment, and complete air-conditioning units.....	9	4	362	6	16	302	18	20
57	1	Rice cleaning and polishing.....	13	4	817	27	142	561	66	3
58	11	Rubber products not elsewhere classified.....	7	7	119	5	9	93	12	
59	12	Saddlery, harness, and whips.....	13	9	367	6	42	273	41	
60	1	Salad dressings.....	18	22	326	8	20	176	120	2
61	1	Sausages, prepared meats, and other meat products—not made in meat- packing establishments.....	26	9	282	1	11	228	40	1
62	5	Sawmills, veneer mills, and cooperage-stock mills, including those com- bined with logging camps and with planing mills.....	236	253	15,546	81	698	14,498	170	78
63	13	Sewer pipe and kindred products.....	3	1	358		11	309	33	5
64	15	Sheet-metal work not specifically classified.....	39	34	385	8	27	331	18	
65	19	Shipbuilding and ship repairing.....	10	4	1,502	12	106	1,379	5	

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		
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
159,916	4,140	30,096	81,161	43,583	936		588,373	584,954	1,242	2,177		896,013	307,640
1,028,016	69,578	91,674	707,946	166,807		2,311	1,395,824	1,353,490	4,598	37,730		2,959,849	1,564,025
1,759,948	203,187	239,338	597,186	646,181	31,919	42,137	5,749,072	5,453,040	80,176	215,556		10,832,980	5,083,908
3,818,209	347,601	679,075	1,824,837	1,409,743	55,421	41,532	2,316,579	730,381	496,654	1,069,444	100	11,346,315	9,029,786
52,803	16,742	9,623	24,170	2,322			78,785	72,007	888	940		157,790	84,006
296,136	60,506	41,101	172,156	22,373			438,873	420,593	885	8,839	8,556	909,680	470,807
178,816	55,578	23,511	33,860	64,780		1,137	447,364	441,026	1,874	4,464		901,616	454,252
150,540		33,072	112,327	5,141			282,559	279,915	555	2,089		521,850	288,791
187,988	26,362	23,980	120,452	17,194			221,805	143,079	64,615	13,611		530,614	309,809
734,665	85,865	118,978	433,702	96,120			597,270	551,296	3,602	13,557	28,815	1,658,590	1,061,320
284,017		2,037	278,560	3,420			287,415	232,803	12,632		41,980	999,850	682,435
()	()	()	()	()			()	()	()	()		()	()
82,635	14,505	6,745	46,479	14,444		462	185,067	179,034	2,034	6,999		341,835	186,768
200,320	26,292	35,062	128,571	7,946	2,840		33,945	26,003	2,894	3,526	622	370,718	336,773
1,237,491	155,031	159,497	700,313	126,246	4,946	1,458	1,324,457	1,232,338	27,291	38,286	26,542	3,450,334	2,125,877
1,321,625	88,316	127,673	1,008,839	93,185		3,612	941,129	847,316	24,071	63,566	6,176	3,584,506	2,643,377
2,212,202	155,118	203,326	962,277	843,697	46,926	858	2,775,187	2,636,881	68,769	69,487		8,094,414	6,219,277
752,610	72,512	90,106	556,502	110,861		2,529	2,046,892	2,009,952	4,064	32,395		3,974,732	1,928,340
8,247,087	364,378	1,156,313	4,505,023	1,854,729	153,595	213,049	72,052,667	71,431,826	251,137	352,715	16,989	85,461,048	13,408,381
()	()	()	()				()	()	()	()		()	()
210,622	25,112	24,063	143,009	17,918		520	614,691	502,635	2,057	4,399	105,600	1,090,548	475,857
101,603	25,500	5,119	62,997	7,987			209,386	207,481	112	1,793		365,350	185,964
745,778	75,092	112,793	447,288	104,583		6,017	1,405,730	1,382,130	9,544	14,056		2,698,105	1,292,375
32,074	6,978	3,243	14,307	7,546			36,333	21,905	12,100	2,328		81,261	44,928
405,373	53,900	46,904	276,884	27,625			741,066	618,926	48,507	32,074	41,549	2,478,572	1,732,522
110,305	8,850	8,590	77,553	14,420		892	154,376	150,099	741	3,536		338,959	184,583
49,462		2,400	42,562	4,500			19,684	18,339	139	1,156		117,140	97,456
688,143	18,114	65,948	544,907	57,820		1,264	638,723	555,110	12,214	50,695	19,704	2,147,958	1,509,235
()	()	()	()	()		()	()	()	()	()	()	()	()
12,008,414	980,087	3,672,089	5,062,511	2,335,448	8,279		6,926,328	6,283,578	78,924	288,150	310,676	28,779,404	21,853,076
8,553		6,276	2,277				20,897	480	65	107	20,265	74,023	53,126
5,118,494	722,087	446,566	1,067,278	2,701,256	14,844	136,463	10,061,247	9,822,796	69,899	180,045	8,507	24,459,290	14,378,043
327,013	29,586	56,504	226,944	13,979			396,899	369,887	12,822	14,210		1,100,820	703,921
14,333,756	844,678	2,310,540	9,563,551	1,400,035	133,437	21,515	12,659,844	12,049,460	142,575	440,325	27,484	41,149,017	28,489,173
557,456	106,320	57,817	208,365	180,466	3,001	1,487	2,380,074	2,353,390	5,045	21,639		4,457,252	2,077,178
578,278	44,656	120,465	337,565	72,367	3,432		1,524,009	1,502,773	5,667	14,499		2,762,727	1,238,718
462,024	68,841	57,976	279,792	55,415			304,736	377,778	1,518	10,810	5,230	677,266	377,266
18,663		3,640	18,523	1,500			225,736	220,627	2,357	2,732		267,257	41,521
159,399	58,538	13,680	60,078	26,874			795,331	790,835	2,240	2,256		1,180,146	334,815
1,038,554	118,712	266,705	544,078	107,059			712,882	679,175	5,757	18,740	9,210	3,080,041	2,847,159
326,209	80,203	220,111	960	24,935			491,108	41,468	280	288	449,072	1,137,566	646,458
46,329,519	397,550	9,728,195	32,515,958	557,944	3,082,004	38,868	576,380,689	563,238,278	10,292,880	2,223,811	626,720	608,800,077	122,499,388
573,015	99,317	95,581	304,898	73,219			213,023	185,640	3,526	13,938	9,919	1,094,263	831,240
219,988	35,240	21,039	152,841	9,401	405	1,062	779,385	769,077	5,565	4,713		1,115,091	335,706
2,382,334	159,937	298,828	1,817,134	98,909	2,986	4,540	4,813,023	4,704,630	15,462	91,590	1,351	9,313,859	4,500,836
58,210	8,100	5,200	38,393	6,017		500	23,204	13,731	6,608	2,615	250	117,062	93,858
709,069	14,600	129,419	529,047	21,059	1,997	12,947	7,897,506	7,778,352	14,079	45,075		9,158,690	1,321,184
1,169,708	111,164	169,091	749,795	138,976		772	3,196,115	3,194,904	8,527	51,670	1,014	5,100,697	1,904,582
1,020,948	113,033	160,268	522,234	197,952	25,657	1,749	9,573,936	9,408,865	28,672	131,749	4,850	12,601,582	3,027,646
46,841	6,031	7,785	29,561	2,563	300	271	478,502	475,281	1,666	1,555		641,465	162,903
()	()	()	()	()	()	()	()	()	()	()	()	()	()
()	()	()	()	()	()	()	()	()	()	()	()	()	()
37,191	4,800	1,872	14,409	16,110			43,180	36,627	1,131	534	4,888	123,701	80,521
105,341	29,800	7,920	61,321	6,300	()	()	233,419	376,005	577	6,237		629,877	246,458
()	()	()	()	()	()	()	()	()	()	()		()	()
422,742	13,048	20,867	329,432	39,644	19,751		1,197,052	1,181,656	4,876	10,520		2,472,254	1,275,202
988,928	132,424	236,349	476,225	117,791	3,289	22,849	9,632,486	9,606,761	11,312	14,413		11,874,619	2,242,133
161,833	24,035	19,100	81,427	37,271			445,794	425,574	4,868	15,352		815,724	369,930
340,968	14,622	48,982	211,851	64,613			806,807	801,139	882	4,786		1,341,309	534,502
297,330	15,860	26,913	106,491	144,096	3,970		2,781,343	2,765,380	6,242	9,721		3,643,217	861,874
()	()	()	()	()	()	()	()	()	()	()		()	()
10,511,532	248,687	1,046,252	8,878,202	234,291	67,724	36,376	11,230,401	10,490,986	123,604	21,384	603,427	27,924,987	16,685,586
()	()	()	()	()	()	()	()	()	()	()		()	()
490,422	19,023	41,705	352,467	47,187		40	1,098,297	1,058,030	2,367	8,854	46	1,878,248	808,951
2,087,135	91,651	315,901	1,657,466	22,117			1,712,151	1,625,961	20,526	65,664		5,047,700	3,335,549

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 ³	Wage earners (average for year) ³			
1	20 Signs, advertising displays, and advertising novelties.....	43	39	480	24	30	344	70	12	-----
2	9 Soap and glycerin.....	4	3	84	1	5	20	8	-----	-----
3	17 Special-industry machinery, not elsewhere classified.....	7	3	567	8	52	404	103	-----	-----
4	20 Sporting and athletic goods not elsewhere classified.....	5	5	92	1	6	71	14	-----	-----
5	14 Stamped and pressed metal products (except automobile stampings).....	7	7	141	7	13	112	9	-----	-----
6	14 Steel barrels, kegs, and drums.....	4	-----	330	2	23	208	2	5	-----
7	14 Steel castings.....	3	1	287	6	19	264	6	2	-----
8	14 Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	1	88	3	8	74	3	-----	-----
9	12 Suitcases, brief cases, bags, trunks, and other luggage.....	4	2	51	4	2	37	8	-----	-----
10	20 Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	8	8	45	3	6	27	9	-----	-----
11	4 Textile bags—not made in textile mills.....	15	6	970	9	51	832	70	2	-----
12	14 Tin cans and other tinware not elsewhere classified.....	9	1	1,221	2	173	1,000	25	21	-----
13	14 Tools (except edge tools, machine tools, files, and saws).....	3	1	85	8	6	20	1	-----	-----
14	4 Trousers (semidresses), wash suits, and washable service apparel.....	11	4	1,108	18	37	996	50	-----	2
15	6 Upholstered household furniture.....	18	18	657	8	35	583	31	-----	-----
16	6 Venetian blinds.....	21	14	294	11	21	200	62	-----	-----
17	1 Vinegar and cider.....	6	4	55	3	4	39	9	-----	-----
18	13 Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	3	-----	80	4	8	63	5	-----	-----
19	6 Window and door screens and weather strip.....	6	10	42	1	3	30	7	-----	1
20	6 Window shades.....	8	10	32	1	1	20	4	-----	-----
21	14 Wirework not elsewhere classified.....	5	1	109	2	8	94	5	-----	-----
22	4 Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	7	6	176	5	7	154	8	-----	2
23	4 Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	14	9	1,348	18	85	1,142	95	3	5
24	4 Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	5	5	114	1	13	94	6	-----	-----
25	4 Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	6	4	129	4	6	103	14	-----	2
26	6 Wooden boxes, except cigar boxes.....	16	9	1,073	9	36	1,018	10	-----	-----
27	6 Wood preserving.....	15	2	1,323	4	98	1,220	7	-----	-----
28	6 Wood products not elsewhere classified.....	9	10	190	4	14	163	9	-----	-----
29	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	43	31	4,728	42	186	4,189	200	-----	12
30	Other industries.....	246	133	11,938	164	810	9,896	647	396	25
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
31	1 Food and kindred products.....	36	14	1,105	8	64	938	93	1	1
32	3 Textile-mill products and other fiber manufactures.....	11	3	931	13	40	832	44	-----	2
33	4 Apparel and other finished products made from fabrics and similar materials.....	33	31	948	14	53	857	21	1	2
34	6 Furniture and finished lumber products.....	8	6	325	5	22	283	10	-----	-----
35	7 Paper and allied products.....	16	4	1,674	17	107	1,133	66	345	6
36	9 Chemicals and allied products.....	20	10	394	14	26	263	86	3	2
37	13 Stone, clay, and glass products.....	15	8	696	9	36	587	59	5	-----
38	14 Iron and steel and their products, except machinery.....	27	8	1,581	35	126	1,367	40	12	1
39	17 Machinery (except electrical).....	17	9	690	20	67	504	80	18	1
40	20 Miscellaneous industries.....	14	11	177	3	15	144	12	3	-----
41	2 Tobacco manufactures.....	2	-----	-----	-----	-----	-----	-----	-----	-----
12	Leather and leather products.....	4	-----	-----	-----	-----	-----	-----	-----	-----
15	Nonferrous metals and their products.....	12	29	3,417	26	254	2,983	136	8	10
16	Electrical machinery.....	4	-----	-----	-----	-----	-----	-----	-----	-----
18	Automobiles and automobile equipment.....	27	-----	-----	-----	-----	-----	-----	-----	-----

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.

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											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
625,239	94,183	37,913	885,200	97,454	10,509	-----	460,341	429,918	6,186	14,518	9,719	1,546,134	1,085,793	1
28,786	1,000	6,622	13,467	7,707	-----	-----	104,036	102,482	1,292	262	-----	141,365	37,329	2
845,529	62,119	108,330	441,775	235,305	-----	-----	980,213	926,178	9,995	14,040	-----	2,412,374	1,462,161	3
91,997	2,100	10,531	61,445	17,921	-----	-----	90,105	86,931	611	863	1,700	215,211	125,106	4
156,854	17,835	18,800	101,543	17,676	-----	-----	407,357	399,516	586	3,547	3,708	753,537	346,180	5
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	6
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7
108,128	17,013	11,034	74,412	5,666	-----	-----	469,900	464,187	1,768	3,255	750	680,844	210,884	8
48,688	10,050	2,500	27,429	8,709	-----	-----	65,891	65,002	237	632	-----	115,267	49,376	9
45,913	5,844	4,561	27,247	8,261	-----	-----	32,280	31,142	178	960	-----	105,693	73,413	10
880,281	60,180	82,501	533,768	199,191	4,591	-----	6,834,842	6,815,782	2,959	16,101	-----	8,427,734	1,592,892	11
1,688,152	16,361	376,718	1,096,388	49,822	28,863	-----	7,925,773	7,873,346	7,489	44,938	-----	12,028,573	4,102,800	12
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	756	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	13
808,386	75,777	47,483	602,063	82,307	-----	-----	1,635,483	1,557,313	3,674	8,454	56,042	3,889,901	1,754,418	14
665,681	30,955	48,427	521,819	64,380	-----	-----	1,059,991	1,046,635	876	12,480	-----	2,051,168	991,177	15
243,881	31,239	19,135	130,990	62,517	-----	-----	456,313	450,063	1,223	5,027	-----	915,727	459,414	16
65,071	18,500	7,495	28,551	12,525	-----	-----	210,176	203,811	2,327	4,038	-----	301,099	90,923	17
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	18
41,444	600	4,302	28,318	7,123	1,101	-----	54,339	53,273	111	1,355	100	123,735	68,895	19
31,561	1,886	1,452	20,167	8,056	-----	-----	240,452	239,278	164	1,010	-----	345,011	104,559	20
96,993	4,800	14,989	70,606	6,598	-----	-----	199,818	194,058	576	5,184	-----	477,138	277,320	21
103,792	4,940	7,389	80,456	9,292	1,715	-----	203,884	200,694	1,021	2,169	-----	348,698	144,814	22
1,198,302	135,618	136,801	726,456	188,946	5,133	5,348	2,100,495	1,980,441	6,615	13,857	99,582	3,880,945	1,780,450	23
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	24
84,204	5,355	7,535	52,308	18,676	330	-----	193,902	193,311	110	481	-----	327,999	134,097	25
643,007	38,700	53,996	521,139	29,172	-----	-----	1,193,315	1,176,288	1,690	15,337	-----	2,436,599	1,242,284	26
1,120,150	16,316	173,363	920,250	10,221	-----	-----	4,905,840	4,722,957	141,741	41,142	-----	8,087,852	3,182,012	27
137,522	10,500	12,550	103,822	10,650	-----	-----	230,245	222,609	219	7,417	-----	461,530	231,285	28
3,247,612	192,850	260,365	2,398,957	387,027	7,513	-----	7,749,759	7,666,620	21,494	46,313	15,332	12,414,425	4,664,666	29
13,208,188	758,185	1,575,328	9,283,902	1,356,612	206,350	27,811	104,566,575	102,107,405	1,337,367	958,759	163,044	132,630,529	28,063,954	30
946,937	55,200	109,189	631,548	137,936	10,544	2,520	17,601,566	17,363,256	121,626	116,684	-----	19,399,228	1,797,662	31
967,926	106,618	76,209	666,840	117,668	-----	1,591	1,599,732	1,545,894	11,274	42,564	-----	2,850,150	1,250,418	32
518,839	45,917	43,943	499,230	18,878	565	806	895,431	859,611	3,136	11,760	20,915	1,878,122	982,691	33
276,520	27,798	27,354	170,338	50,080	-----	-----	278,928	271,055	1,192	6,681	-----	695,434	416,506	34
1,991,742	94,040	262,497	1,326,780	141,005	158,171	10,249	4,133,124	3,738,992	191,454	202,668	-----	7,951,705	3,813,581	35
572,962	80,616	45,971	254,487	205,593	4,285	2,010	1,323,517	1,250,031	49,300	24,186	-----	3,133,830	1,810,312	36
695,682	26,990	62,347	459,524	116,622	2,859	840	847,819	835,418	160,787	50,972	642	2,208,670	1,360,851	37
1,845,694	161,849	232,506	1,362,054	69,514	18,621	1,050	4,629,435	4,358,621	93,503	167,541	9,770	7,679,341	2,949,906	38
988,668	68,717	127,583	615,721	173,931	2,016	700	2,168,754	2,110,470	18,402	33,794	5,068	4,112,855	1,944,101	39
166,968	6,275	31,985	115,773	11,385	1,550	-----	185,662	179,107	1,853	4,322	380	443,247	257,585	40
4,234,850	104,165	555,744	3,243,607	314,050	7,739	9,045	70,902,607	69,794,950	684,830	297,578	125,249	82,377,947	11,475,340	41

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 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, except El Paso (see footnote 6), 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	*Num-ber of estab-lish-ments	*Propri-ators and firm mem-bers	*Sala-ried officers of cor-pora-tions ¹	*Sala-ried em-ploy-ees ¹	*Wage earners (average for year) ²	Salaries of officers of cor-pora-tions ¹	Salaries of employ-ees ¹	Wages	Cost of mate-rials, sup-plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu-facture ³
DALLAS												
	All industries, total.....	645	416	422	1,671	13,709	\$1,929,061	\$2,902,278	\$12,927,204	77,439,918	\$126,752,187	\$40,312,269
16	Batteries, storage and primary (dry and wet).....	4	—	1	8	67	3,600	13,787	64,448	446,306	639,400	193,094
8	Bookbinding and related industries.....	8	4	7	8	45	21,769	12,044	41,305	96,824	319,060	222,236
8	Books: printing without publishing.....	4	2	6	7	44	21,585	13,466	46,928	101,034	234,362	182,428
8	Books: publishing without printing.....	5	1	5	32	—	35,600	30,031	—	162,960	442,261	279,301
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	38	25	13	69	910	67,083	123,421	973,864	2,432,267	5,408,279	2,976,012
1	Candy and other confectionery products.....	10	4	3	10	196	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Caskets, coffins, burial cases, and other morticians' goods.....	8	2	4	6	129	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	5	—	—	10	39	—	20,821	50,608	117,770	465,977	348,207
13	Concrete products.....	6	6	—	2	56	—	2,520	55,158	207,042	385,817	178,775
9	Cottonseed oil, cake, meal, and linters.....	3	—	5	25	112	35,300	68,075	88,241	3,335,775	8,787,004	451,229
9	Drugs and medicines (including drug grinding).....	6	2	4	9	34	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
15	Electroplating, plating, and polishing.....	3	4	—	—	23	—	—	20,961	8,507	53,531	45,024
8	Engraving (steel, copperplate, and wood); plate printing.....	4	5	—	1	24	—	1,040	20,723	23,780	73,195	49,415
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	8	7	—	4	207	—	10,117	233,027	1,040,139	1,692,036	651,897
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	5	6	1	13	27	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Food preparations, not elsewhere classified.....	16	14	5	19	149	14,949	23,289	89,708	988,050	1,660,451	672,401
8	General commercial (job) printing.....	69	71	42	87	420	131,065	115,281	494,124	879,703	2,360,145	1,450,442
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	—	—	4	143	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Housefurnishings (except curtains, draperies, and bedspreads).....	3	1	—	4	74	—	5,983	39,070	264,497	387,242	132,745
6	Household furniture, except upholstered.....	3	1	1	3	171	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Ice cream and ices.....	10	1	5	15	76	17,000	20,917	41,699	627,796	1,214,878	587,082
1	Ice, manufactured.....	26	9	13	16	101	36,423	26,738	103,762	185,306	669,938	454,632
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	3	—	7	4	8	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	1	3	8	26	15,960	15,673	27,109	89,501	199,048	109,547
8	Machine and hand typesetting (including advertisement typesetting).....	4	3	4	7	51	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
17	Machine-shops products, not elsewhere classified.....	7	8	2	8	76	4,265	13,051	68,526	128,276	859,645	231,369
17	Machine-shop repairs.....	6	9	—	4	42	—	4,025	43,920	36,102	153,986	117,884
6	Mattresses and bedsprings.....	5	2	1	24	196	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Meat packing, wholesale.....	4	2	6	65	876	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	4	3	6	13	145	25,112	18,042	96,971	508,677	889,338	382,661
13	Mirrors and other glass products made of purchased glass.....	4	4	1	2	34	8,850	5,900	37,110	74,247	168,138	93,891
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	2	—	7	68	—	10,098	75,810	123,924	301,427	177,503
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	4	—	3	21	1,058	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Newspapers: publishing and printing.....	5	2	12	280	336	124,788	612,148	736,983	1,552,523	4,721,862	3,169,339
1	Nonalcoholic beverages.....	13	5	7	20	167	52,882	40,693	154,084	1,159,701	3,049,898	1,890,197
17	Oil-field machinery and tools.....	3	8	—	3	76	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
9	Paints, varnishes, and lacquers.....	10	3	13	19	102	49,454	34,947	101,935	1,215,699	2,188,079	972,380
7	Paperboard containers and boxes not elsewhere classified.....	6	1	10	6	82	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Partitions, shelving, cabinet work, and office and store fixtures.....	7	4	3	15	123	15,815	28,450	129,658	183,776	460,490	276,714
9	Perfumes, cosmetics, and other toilet preparations.....	8	4	4	13	88	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Periodicals: publishing and printing.....	4	1	7	59	52	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Periodicals: publishing without printing.....	24	20	17	76	—	59,123	126,011	—	237,852	644,438	406,586
8	Photoengraving, not done in printing establishments (including preparation of plates).....	6	1	9	15	83	43,481	27,593	162,939	116,135	476,233	360,098
1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	4	—	5	4	87	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
5	Planing mills not operated in conjunction with sawmills.....	14	8	7	21	184	35,560	34,619	222,111	430,846	879,090	448,244

See footnotes at end of table.

TABLE 9.—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
DALLAS—Continued												
14	Power boilers and associated products..	3	2	4	4	18	\$11,209	\$6,160	\$25,141	\$50,661	\$105,705	\$55,044
1	Prepared feeds (including mineral) for animals and fowls.....	3	3	-----	3	18	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	2	2	2	32	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	3	-----	1	2	52	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Sheet-metal work not specifically classified.....	8	6	-----	5	44	-----	6,268	54,493	87,313	182,938	95,620
20	Signs, advertising displays, and advertising novelties.....	6	6	4	2	72	48,360	2,967	73,758	105,583	370,560	264,977
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	4	4	2	2	10	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Textile bags—not made in textile mills.....	4	2	-----	19	243	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Trousers (semi-dress), wash suits, and washable service apparel.....	6	4	7	16	378	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Upholstered household furniture.....	3	1	-----	18	180	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Venetian blinds.....	5	2	2	4	55	7,125	4,348	41,774	99,663	181,526	81,863
6	Window and door screens and weather strip.....	3	8	-----	-----	14	(¹)	(¹)	15,307	26,334	59,797	33,463
6	Window shades.....	4	8	-----	-----	13	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	3	2	3	1	64	-----	175	36,514	74,004	116,212	42,208
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	3	2	2	3	58	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	12	8	3	35	792	9,050	43,163	472,984	1,120,232	1,873,101	752,869
	Other industries.....	287	162	224	825	8,869	1,034,123	1,380,417	7,086,451	59,112,213	89,577,105	30,464,892
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products.....	46	23	26	232	1,603	160,920	385,585	1,467,023	20,196,096	27,496,310	7,300,214
4	Apparel and other finished products made from fabrics and similar materials.....	80	49	66	217	2,875	280,741	329,835	1,884,171	6,853,281	11,858,309	4,974,928
6	Furniture and finished lumber products.....	23	18	8	52	746	44,800	89,424	695,741	1,917,708	3,797,487	1,879,719
7	Paper and allied products.....	12	3	20	43	510	103,725	95,140	527,662	2,108,160	3,940,924	1,832,764
8	Printing, publishing, and allied industries.....	13	10	11	75	137	48,581	101,712	209,508	348,918	1,310,743	961,825
9	Chemicals and allied products.....	25	13	24	30	171	130,171	40,397	124,026	1,191,497	2,044,315	852,818
12	Leather and leather products.....	7	2	7	12	114	15,926	16,540	91,117	303,327	467,730	164,403
13	Stone, clay, and glass products.....	5	3	-----	8	59	6,300	10,951	38,227	46,157	133,910	88,753
14	Iron and steel and their products, except machinery.....	15	5	19	25	183	81,602	33,144	132,606	543,531	1,120,368	576,837
16	Electrical machinery.....	4	1	5	-----	16	23,240	-----	17,402	65,755	143,131	77,376
17	Machinery (except electrical).....	21	14	17	58	541	73,909	120,336	602,867	1,096,631	4,103,594	2,406,963
20	Miscellaneous industries.....	15	12	3	15	79	3,035	29,157	98,206	158,601	372,698	214,097
3	Textile-mill products and other fiber manufactures.....	8	2	14	27	712	-----	-----	-----	-----	-----	-----
15	Nonferrous metals and their products.....	6	5	-----	9	55	-----	-----	-----	-----	-----	-----
18	Automobiles and automobile equipment.....	4	-----	3	21	1,058	61,473	128,196	2,097,895	23,653,391	32,787,586	9,134,195
10	Products of petroleum and coal.....	1	-----	-----	1	10	-----	-----	-----	-----	-----	-----
11	Rubber products.....	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----
EL PASO												
	All industries, total.....	116	86	89	275	1,916	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
FORT WORTH												
	All industries, total.....	284	191	184	954	7,010	\$971,696	\$1,060,993	\$7,228,117	\$63,615,809	\$89,157,809	\$25,542,000
16	Batteries, storage and primary (dry and wet).....	3	3	-----	1	10	-----	1,210	7,496	29,900	52,680	22,700
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	20	16	5	20	424	44,900	38,024	437,200	1,132,112	2,596,171	1,464,059
1	Candy and other confectionery products.....	5	1	7	17	272	31,176	31,330	140,164	563,196	1,320,089	766,593
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	3	-----	2	4	25	33,356	9,770	38,942	63,331	365,675	302,344
13	Concrete products.....	5	4	5	4	37	20,969	5,280	29,821	170,475	281,794	111,319

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—
Continued

Group No.	INDUSTRY	*Num- ber of estab- lish- ments	*Propri- etors and firm mem- bers	*Sala- ried officers of cor- pora- tions ¹	*Sala- ried em- ploy- ees ¹	*Wage earners (average for year) ¹	Salaries of officers of corpora- tions ¹	Salaries of employees ¹	Wages	Cost of mate- rials, sup- plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu- facture ¹
FORT WORTH—Continued												
1	Creamery butter.....	6	—	1	6	37	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Fabricated structural steel and orna- mental metal work, made in plants not operated in connection with rolling mills.....	5	5	6	13	121	\$17,623	\$24,880	\$136,546	\$748,849	\$1,182,289	\$433,440
1	Flour and other grain-mill products.....	3	1	10	17	183	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Food preparations, not elsewhere classi- fied.....	6	3	1	8	90	3,000	14,975	62,287	480,123	642,638	162,615
8	General commercial (job) printing.....	32	35	12	11	140	31,863	17,572	142,971	231,815	630,925	399,110
1	Ice cream and ices.....	7	6	—	17	58	—	29,097	54,906	583,498	1,101,558	518,060
1	Ice, manufactured.....	10	1	13	16	74	46,075	30,259	84,451	137,459	685,761	548,302
17	Industrial machinery, not elsewhere classified.....	3	—	5	2	25	28,021	3,955	30,215	61,393	136,796	75,403
8	Lithographing and photo-lithograph- ing (including preparation of stones or plates and dry transfers).....	6	3	8	16	96	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Machine-shop products, not elsewhere classified.....	4	1	5	8	60	15,132	12,194	67,008	151,276	320,208	168,932
17	Machine-shop repairs.....	8	6	7	1	38	21,518	1,872	32,541	18,240	127,597	111,357
6	Mattresses and bedsprings.....	5	3	—	1	28	—	1,248	25,725	68,113	138,397	70,284
1	Meat packing, wholesale.....	3	1	—	334	1,783	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere clas- sified.....	4	8	—	—	11	—	—	10,291	18,282	49,956	31,674
13	Motor vehicles, motor-vehicle bodies, parts and accessories.....	3	1	2	12	123	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing.....	6	4	8	120	210	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages.....	7	3	4	9	65	15,675	17,483	45,135	565,530	1,407,366	841,836
15	Nonferrous-metal foundries (except aluminum).....	3	—	3	6	31	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Oil-field machinery and tools.....	4	4	3	8	48	9,527	12,127	54,588	186,105	499,862	313,757
9	Paints, varnishes, and lacquers.....	3	3	2	1	6	3,800	710	5,357	44,011	68,350	24,339
8	Periodicals: publishing and printing.....	3	1	5	30	42	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Periodicals: publishing without print- ing.....	7	3	1	15	1	5,500	19,806	960	80,421	145,658	65,237
8	Photoengraving, not done in printing establishments (including prepara- tion of plates).....	4	5	1	9	25	1,950	10,608	42,253	20,065	156,914	127,840
6	Planing mills not operated in conjunc- tion with sawmills.....	6	6	—	4	51	—	5,700	68,935	115,358	245,177	120,819
1	Poultry dressing and packing, whole- sale.....	5	3	—	5	134	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Prepared feeds (including mineral) for animals and fowls.....	5	2	4	23	123	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Sheet-metal work not specifically classi- fied.....	5	5	1	6	32	3,010	8,376	39,392	122,036	206,688	83,752
20	Signs, advertising displays, and adver- tising novelties.....	5	5	—	2	22	—	2,536	19,715	20,606	84,953	55,347
6	Upholstered household furniture.....	3	1	5	6	173	22,255	9,910	152,804	316,701	587,037	270,336
6	Venetian blinds.....	3	2	2	4	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	4	2	9	30	782	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
	Other industries ²	114	64	99	772	5,173	610,346	1,652,071	5,498,414	57,669,954	76,123,290	18,463,336
OTHER INDUSTRIES, BY INDUSTRY GROUPS ³												
1	Food and kindred products.....	33	16	26	404	2,390	126,800	910,539	2,932,274	47,645,522	57,954,893	10,309,371
4	Apparel and other finished products made from fabrics and similar mate- rials.....	10	8	11	46	870	38,250	64,661	556,416	1,942,176	2,966,562	1,024,386
6	Furniture and finished lumber products.....	10	6	9	18	191	18,765	26,890	151,959	351,427	738,334	380,907
8	Printing, publishing, and allied indus- tries.....	20	13	22	178	369	267,598	402,662	630,415	939,392	3,698,000	2,058,608
9	Chemicals and allied products.....	10	6	6	28	226	42,365	49,763	138,737	2,195,560	3,442,671	1,247,411
12	Leather and leather products.....	6	3	7	19	118	40,180	33,576	127,098	264,054	617,240	353,186
14	Iron and steel and their products, ex- cept machinery.....	5	3	7	23	359	30,854	47,219	409,609	686,715	1,486,319	799,604
20	Miscellaneous industries.....	3	4	—	6	6	—	—	5,802	8,274	20,941	18,667
15	Nonferrous metals and their products.....	4	—	4	7	44	—	—	—	—	—	—
18	Automobiles and automobile equip- ment.....	4	3	2	13	126	—	—	—	—	—	—
3	Textile-mill products and other fiber manufactures.....	1	—	—	—	—	—	—	—	—	—	—
5	Lumber and timber base products.....	1	—	—	—	—	—	—	—	—	—	—
7	Paper and allied products.....	1	—	—	—	—	—	—	—	—	—	—
10	Products of petroleum and coal.....	1	—	—	—	—	—	—	—	—	—	—
11	Rubber products.....	1	2	5	36	465	42,474	116,761	540,014	3,636,834	4,992,030	1,355,196
17	Machinery (except electrical).....	2	—	—	—	—	—	—	—	—	—	—
19	Transportation equipment except auto- mobiles.....	2	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—
Continued

Group No.	INDUSTRY	*Num- ber of estab- lish- ments	*Propri- etors and firm mem- bers	*Sala- ried officers of cor- pora- 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 mate- rials, sup- plies, fuel, purchased electric energy, and contract work	Value of products	Value added by manu- facture ¹
HOUSTON												
	All industries, total.....	589	376	391	2,586	15,618	\$2,251,202	\$5,032,982	\$19,327,848	\$72,439,965	\$141,738,038	\$89,298,073
17	Blowers; exhaust and ventilating fans.....	5	6	—	8	23	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Bookbinding and related industries.....	5	4	1	7	46	6,000	8,781	35,584	70,453	183,274	103,821
1	Bread and other bakery products (ex- cept biscuit, crackers, and pretzels).....	42	35	9	70	780	48,656	117,782	1,064,202	2,777,589	6,059,746	3,282,157
1	Candy and other confectionery prod- ucts.....	7	5	1	2	34	3,600	636	23,317	114,612	188,627	74,015
4	Canvas products (except bags).....	4	4	—	2	22	—	3,175	22,747	39,767	111,817	72,050
6	Caskets, coffins, burial cases, and other morticians' goods.....	3	1	4	5	29	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7	—	6	12	67	20,498	28,647	90,742	177,523	669,986	492,463
13	Concrete products.....	10	8	9	5	81	25,150	10,024	78,816	203,447	545,214	251,767
1	Cooking and other edible fats and oils, not elsewhere classified.....	3	—	4	32	166	16,380	72,067	154,189	4,437,322	5,408,131	970,809
9	Cottonseed oil, cake, meal, and linters.....	6	2	2	25	156	12,400	47,696	77,443	1,287,330	1,970,986	683,656
1	Creamery butter.....	4	1	1	11	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Electroplating, plating, and polishing.....	3	3	2	1	14	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Fabricated structural steel and orna- mental metal work, made in plants not operated in connection with roll- ing mills.....	12	5	16	22	440	56,875	39,099	528,945	1,688,591	3,279,539	1,590,945
9	Fertilizers.....	3	1	2	7	46	4,002	9,128	16,543	351,744	483,166	181,422
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	5	3	5	8	27	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Flour and other grain-mill products.....	4	1	3	17	203	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	General commercial (job) printing.....	62	60	27	57	327	86,120	77,621	437,094	627,845	1,798,514	1,168,669
14	Gray-iron and semisteel castings.....	6	3	1	28	177	4,200	54,797	141,234	266,914	649,856	882,942
20	Hand stamps, stencils, and brands.....	4	3	2	2	14	8,600	2,520	15,609	20,948	39,784	68,806
4	House dresses, uniforms, and aprons— made in inside factories or by jobbers engaging contractors.....	3	4	—	5	42	—	6,996	21,128	51,218	122,715	71,497
6	Household furniture, except uphol- stered.....	6	9	6	21	293	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Ice cream and ices.....	11	1	2	28	101	15,200	46,412	94,334	862,137	1,662,157	790,020
1	Ice, manufactured.....	21	4	12	24	113	55,180	42,541	110,223	136,486	717,500	581,080
9	Insecticides, fungicides, and related in- dustrial and household chemical compounds.....	5	4	—	4	12	—	6,028	9,574	107,808	152,943	45,135
15	Jewelry (precious metals).....	5	2	—	14	75	—	29,194	91,069	243,581	414,439	170,858
8	Machine and hand typesetting (includ- ing advertisement typesetting).....	3	2	2	7	16	6,005	12,281	28,577	8,431	89,662	81,231
17	Machine-shop products, not elsewhere classified.....	14	8	15	37	228	101,498	74,787	296,824	473,508	1,332,513	858,945
17	Machine-shop repairs.....	17	16	4	13	122	15,475	19,570	194,446	173,747	589,825	416,078
6	Mattresses and bedsprings.....	9	8	7	9	109	37,932	13,105	103,249	333,001	798,959	465,958
1	Meat packing, wholesale.....	3	1	5	20	408	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20	Models and patterns (except paper patterns).....	4	6	—	—	17	—	—	35,370	16,732	93,583	76,851
18	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	4	1	3	31	6,000	5,297	36,572	51,902	143,303	91,401
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	5	1	6	5	42	9,450	8,033	38,894	226,450	345,824	119,374
8	Newspapers: publishing and printing.....	8	5	11	304	540	102,444	624,540	830,372	1,258,936	5,284,131	4,026,195
1	Nonalcoholic beverages.....	18	9	17	14	124	83,733	24,765	113,740	1,053,521	2,667,822	1,614,301
15	Nonferrous-metal foundries (except aluminum).....	4	2	1	6	51	3,600	14,796	62,732	97,697	252,988	155,291
17	Oil-field machinery and tools.....	27	8	37	932	4,680	555,661	2,033,576	7,859,027	8,978,476	32,832,546	23,854,070
9	Paints, varnishes, and lacquers.....	6	3	6	7	56	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
7	Paperboard containers and boxes not elsewhere classified.....	4	—	—	18	142	—	52,166	124,295	672,736	1,262,276	579,540
6	Partitions, shelving, cabinet work, and office and store fixtures.....	5	2	9	9	92	44,073	19,370	97,509	184,464	396,330	261,866
10	Petroleum refining.....	3	—	4	34	148	68,496	125,517	291,872	275,671	1,603,799	1,328,128
8	Periodicals: publishing and printing.....	5	1	5	70	176	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Periodicals: publishing without print- ing.....	9	1	6	29	—	12,680	38,064	—	72,532	190,208	87,676
8	Photoengraving, not done in printing establishments (including prepara- tion of plates).....	4	1	6	13	23	24,547	29,324	38,395	18,273	164,643	146,370
5	Planing mills not operated in conjunc- tion with sawmills.....	13	9	7	16	176	53,410	31,054	174,509	567,799	1,120,299	552,500
1	Poultry dressing and packing, whole- sale.....	4	—	—	4	35	—	6,604	29,142	472,640	500,173	87,533
14	Power boilers and associated products.....	5	5	8	44	292	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Prepared feeds (including mineral) for animals and fowls.....	8	8	7	22	74	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Rice cleaning and polishing.....	6	2	13	65	258	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Sausages, prepared meats, and other meat products—not made in meat- packing establishments.....	6	4	—	7	87	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—
Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations ¹	*Salaried employees	*Wage earners (average for year) ²	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
HOUSTON—Continued												
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3	3		9	95		\$11,316	\$59,419	\$74,624	\$212,093	\$137,469
15	Sheet-metal work not specifically classified	5	6		4	132		7,570	155,078	557,028	892,328	335,300
20	Signs, advertising displays, and advertising novelties	9	5	9	7	61	\$20,946	8,004	88,491	72,252	263,856	191,004
4	Textile bags—not made in textile mills	8	3	7	29	497	59,900	46,152	292,199	4,513,115	5,436,990	923,845
14	Tin cans and other tinware not elsewhere classified	3			81	414	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Upholstered household furniture	6	8	2	8	97	7,500	8,115	68,430	193,782	364,091	170,800
6	Venetian blinds	3	3	2	8	41	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Wood products not elsewhere classified	3	6		1	17		1,200	12,219	23,228	59,224	35,996
	Other industries ⁴	182	117	145	693	5,409	675,041	1,213,732	5,277,694	38,555,045	60,324,172	21,760,127
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products	52	32	44	190	1,596	163,989	347,351	1,694,411	20,816,626	29,320,036	8,503,410
3	Textile-mill products and other fiber manufactures	6	2	8	14	356	63,733	21,147	217,146	926,350	1,406,108	479,768
4	Apparel and other finished products made from fabrics and similar materials	10	11	6	36	468	21,480	37,182	209,444	687,325	1,340,838	653,513
6	Furniture and finished lumber products	21	19	17	69	666	79,963	121,049	576,478	1,968,076	3,738,344	1,770,268
8	Printing, publishing, and allied industries	8	5	6	54	147	26,250	69,027	185,837	304,256	896,693	502,437
9	Chemicals and allied products	14	5	7	29	180	42,615	60,521	194,045	1,487,550	3,159,044	1,071,494
13	Stone, clay, and glass products	7	1	8	36	232	40,550	70,384	239,388	883,410	2,073,251	1,189,641
14	Iron and steel and their products, except machinery	25	16	24	181	1,290	130,683	308,896	1,379,944	9,082,192	14,080,240	4,998,048
15	Nonferrous metals and their products	5	6	3	4	44	10,080	6,451	50,040	69,873	193,851	124,478
17	Machinery (except electrical)	12	8	7	12	83	15,504	24,954	91,169	222,759	447,602	224,743
20	Miscellaneous industries	8	7	2	3	50	7,284	5,745	42,758	62,273	159,015	96,742
7	Paper and allied products	3	1	3	4	27						
7	Products of petroleum and coal	3		4	34	148						
16	Electrical machinery	4	2		20	66	72,920	141,025	337,025	2,044,855	3,509,250	1,464,395
11	Rubber products	2										
12	Leather and leather products	2	2	6	7	56						
SAN ANTONIO												
	All industries, total	328	202	155	772	5,814	\$697,579	\$1,188,037	\$4,971,102	\$25,770,085	\$43,781,006	\$18,010,921
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	46	44	7	48	673	45,562	76,740	682,985	1,664,369	3,753,083	2,088,714
1	Candy and other confectionery products	4	3	1	1	44	2,960	900	26,913	95,471	166,371	67,900
6	Caskets, coffins, burial cases, and other morticians' goods	4	1	6	3	31	17,812	3,200	25,988	97,084	188,799	91,715
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4			3	19	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products	6	1	10	2	88	53,140	4,325	71,593	196,071	425,232	229,161
9	Drugs and medicines (including drug grinding)	3	3	2	5	13	4,800	8,818	10,062	32,731	99,094	66,863
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	2	2	4	132	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Flour and other grain-mill products	3		3	20	106	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Food preparations, not elsewhere classified	10	7		7	176		19,062	111,894	902,929	1,579,208	676,279
8	General commercial (job) printing	27	37	9	35	166	29,080	32,414	178,934	238,424	749,154	510,730
1	Ice cream and ices	11	13	1	8	40	1,200	12,348	57,245	467,631	907,492	439,861
1	Ice, manufactured	16	3	8	9	70	24,050	29,897	66,071	111,366	447,388	336,022
17	Machine-shop repairs	6	8		1	20		862	22,333	21,150	77,044	55,894
6	Mattresses and bedsprings	9	9	3	2	43	7,401	1,572	28,499	98,909	189,814	90,905
1	Meat packing, wholesale	9	5	12	99	655	79,904	154,555	591,563	9,328,156	11,198,094	1,869,938
13	Monuments, tombstones, cut-stone and stone products, not elsewhere classified	7	11		3	32		2,291	25,798	51,433	154,730	103,297
8	Motor vehicles, motor-vehicle bodies, parts and accessories	5	4		2	31		1,631	19,753	50,844	94,431	44,067
8	Newspapers: publishing and printing	6	2	5	288	290	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages	11	5	11	13	82	54,981	20,804	69,397	634,418	1,492,325	887,907
7	Paperboard containers and boxes not elsewhere classified	3	1	3	2	58	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

TABLE 9.—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
SAN ANTONIO—Continued												
8	Periodicals: publishing and printing.....	6	11	2	5	36	\$4,060	\$2,858	\$50,366	\$52,447	\$182,143	\$129,096
5	Planing mills not operated in conjunction with sawmills.....	8	4	3	21	160	7,980	23,286	172,150	393,309	894,825	501,516
1	Poultry dressing and packing, wholesale.....	6	5	—	—	24	—	—	16,226	279,035	343,758	64,723
1	Prepared feeds (including mineral) for animals and fowls.....	4	4	—	4	33	—	4,579	33,959	825,035	963,459	138,424
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	4	3	—	—	36	—	—	31,316	684,170	728,886	44,716
15	Sheet-metal work not specifically classified.....	3	2	—	1	17	—	1,370	19,294	28,567	76,062	47,495
20	Signs, advertising displays, and advertising novelties.....	6	6	1	4	29	2,500	4,950	32,889	38,258	133,048	94,790
6	Upholstered household furniture.....	5	7	1	3	114	1,200	2,318	86,714	164,376	293,093	128,717
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	7	4	9	24	490	20,450	28,315	273,321	808,363	1,294,745	486,382
	Other industries ⁴	105	62	69	472	2,715	340,536	750,942	2,265,839	8,503,039	17,348,728	8,845,689
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵												
1	Food and kindred products.....	22	17	18	60	385	123,749	122,198	369,789	3,841,751	6,693,167	2,851,416
4	Apparel and other finished products made from fabrics and similar materials.....	17	13	11	38	760	49,716	39,590	360,190	726,445	1,493,425	766,980
6	Furniture and finished lumber products.....	4	4	—	1	108	—	1,248	33,788	48,611	127,443	78,832
7	Paper and allied products.....	5	2	3	4	76	11,466	7,043	51,219	138,521	261,728	123,207
8	Printing, publishing, and allied industries.....	14	4	15	311	419	85,509	492,336	647,970	1,008,103	3,417,307	2,349,204
9	Chemicals and allied products.....	9	3	3	13	84	9,875	25,363	56,747	530,167	748,956	218,789
14	Iron and steel and their products, except machinery.....	7	3	7	13	176	17,670	20,112	183,931	540,169	916,859	373,690
15	Nonferrous metals and their products.....	4	4	—	1	22	—	1,551	22,714	17,641	67,044	49,403
17	Machinery (except electrical).....	9	5	4	21	350	16,820	30,280	387,361	1,112,220	2,432,420	1,320,209
20	Miscellaneous industries.....	6	6	3	—	42	4,420	—	33,764	64,038	164,324	100,286
2	Tobacco manufactures.....	2	—	—	—	—	—	—	—	—	—	—
3	Textile-mill products and other fiber manufactures.....	1	—	—	—	—	—	—	—	—	—	—
10	Products of petroleum and coal.....	1	—	5	10	293	21,314	11,121	118,366	415,373	1,026,046	610,673
12	Leather and leather products.....	1	—	—	—	—	—	—	—	—	—	—
13	Stone, clay, and glass products.....	1	—	—	—	—	—	—	—	—	—	—
16	Electrical machinery.....	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."

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 Separate statistics for El Paso, except for personnel, have been withheld to avoid disclosing data for individual establishments. For El Paso County statistics, see table 2.

CENSUS OF MANUFACTURES: 1939

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.....	5,376	2,092	2	46	211	398	251	33	866	346	118	7	33	228	151	79	23	342	27	14	111
Anderson.....	23	10				5	1		2	1	1			1	1			1			
Angelina.....	32	9				13	2		8						2			2	1		
Aransas.....	1	1																			
Archer.....	3	1									2										
Armstrong.....	1	1																			
Atascosa.....	2	1								1											
Austin.....	6	1							2	2											1
Bailey.....	1								1												
Bandera.....	1	1																			
Bastrop.....	15	6				2			2	2				3							
Baylor.....	5	3							1	1											
Bee.....	8	4							1		2										1
Bell.....	30	17					2		7	1				2				1			
Bexar.....	356	148	2	1	24	11	22	5	47	14	5		2	23	9	7	2	15	6		13
Bosque.....	7	4							2												
Bowie.....	60	17				18	8		3	5	1			2				3			3
Brazoria.....	7	4							2	1											
Brazos.....	14	8				1	1		8	1											
Brewster.....	3	2							1	1											
Briscoe.....	2	1												1							
Brooks.....	6	5							1												
Brown.....	29	16					2		5	1				3				1			1
Burleson.....	5	2					1		1	1											
Burnet.....	2								1					1							
Caldwell.....	14	8							2	1	1							2			
Calhoun.....	1	1																			
Callahan.....	3	2									1										
Cameron.....	69	37		1	1	2	4	1	10	5	2			1				5			
Cameron.....	13	4				3	2		1	2					1						
Camp.....	4	1							1	1									1		
Carson.....																					
Cass.....	20	2				16			1					1							
Castro.....	1	1																			
Chambers.....	7	1				4			1									1			
Cherokee.....	43	10			2	18	7		3	1				1				1			
Childress.....	10	7							2	1											
Clay.....	2	1												1							
Coleman.....	14	9							2	1				1				1			
Collin.....	16	9		1					3	2					1						
Collingsworth.....	3	2							1												
Colorado.....	12	7							3	1					1						
Comal.....	19	8		3	1	1			2					1	2			1			
Comanche.....	8	6							2												
Concho.....	1	1																			
Cooke.....	17	8							3	1	3			1	1						
Coryell.....	7	4							2	1											
Cottle.....	4	3							1												
Crane.....	1	1																			
Crockett.....	1								1												
Crosby.....	3	2							1												
Dallam.....	6	5							1												
Dallas.....	716	164		13	102	18	41	14	145	46	3	3	8	28	32	18	11	41	5		24
Dawson.....	9	6							2	1											
Deaf Smith.....	6	5							1												
Delta.....	6	3							1	1											
Denton.....	18	11			1	1			3	1				1							
De Witt.....	30	10		1					3	2			2	2		1					
Dickens.....	3	2							1												
Dimmit.....	1	1																			
Donley.....	1	4																			
Duval.....	6	1							1					1							
Eastland.....	24	13							6												
Ector.....	16	7				1			2	1	1				2			4			1
Edwards.....	1								1									2			
Ellis.....	20	13		1	1				5	4				5							
El Paso.....	122	45		1	9	4	7		10	12	2		2	12	2	7	1	6			3
Erath.....	11	8							2	1											
Falls.....	15	9							2	3								1			
Fannin.....	17	9		1				1	3	1								1			
Fayette.....	19	10					1		3	3				1	1			1			
Fisher.....	7	2							1	1				3							
Floyd.....	4	3							1												
Forard.....	2	1							1												
Fort Bend.....	15	5			2	1	1		3	2								1			
Franklin.....	2					1			1												
Freestone.....	6	4							1	1											
Frio.....	2	1																			1
Galnes.....	5	3							1	1											
Galveston.....	74	38			3	2	3		9	1	4			1	2	1	1	4		5	
Garza.....	4	2		1					1												
Gillespie.....	10	4				1			2					2				1			
Goliad.....	3	2							1												
Gonzales.....	9	6		1					1	1											
Gray.....	24	11							1	6	2							4			
Grayson.....	63	29		2	3	3	2	1	8	1				2	1			1			
Gregg.....	52	17							7	2	6			2				11			1

TEXAS

1001

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

[illegible]

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Polk	18	3				11			1		2							1			
Potter	70	20			2	3	4		13	5	1		1	1	6	1		1			3
Presidio	5	3							1	1											
Randall	3	2							1												
Red River	12	3			7				1	1											
Reeves	5	4							1												
Refugio	4	1							1		1							1			
Robertson	6	4							1	1											
Runnels	10	4							3	2	1										
Rusk	25	7			7				4	2	2			2				1			
Sabine	3	1			2				1												
San Augustine	3	1			1				1												
San Patricio	14	6				2			3	1	1							1			
San Saba	4	2							1									1			
Schleicher	1								1												
Scurry	5	3							1	1											
Shackelford	2	1							1												
Shelby	16	7			7				2												
Smith	61	27		2	8	2			9	2	3			3	3			1			1
Starr	3	1									1										
Stephens	12	3							2	3								4			
Sutton	1								1												
Swisher	6	5		1	11	8	19	1	65	19	4	2	6	10	11	9	3	22	5	3	8
Tarrant	812	105			2	2	2		8	1				1	1			2			1
Taylor	49	29																			
Terrell	1	1																			
Terry	5	3							2												
Throckmorton	3	3																			
Titus	15	6			1				2	1	3			1				1			
Tom Green	34	19			1	2			6	1			1	1		1		2			1
Travis	96	39		1		6		23	2					12	3			3			3
Trinity	9	1			4	1															
Tyler	19	2			7																
Upshur	11	4			17				1	1											
Upton	6	3			6				1									2			
Uvalde	4	3							1												
Val Verde	8	5							2				1								
Van Zandt	6	2							2												
Victoria	19	10			1				1									2			
Walker	7	2			2				1	1				1							
Waller	3	1			1				1												
Ward	11	5							1	2	1							2			
Washington	14	8							2									1			
Webb	20	9		1					4					3		1		2			
Wharton	20	13							5	2											
Wheeler	11	5							1	4	1										
Wichita	108	42		1	2	3		13	5	1	5			4	6	2		19	2		4
Wilbarger	18	10						3						2				1			
Willacy	8	6						2													
Williamson	30	15				1		5	3	1				3				2			
Willson	6	2						1						1							
Winkler	9	3						4	1					1				1			
Wise	7	4						1						1	1						
Wood	21	5			9	1		3	3												
Yoakum	1																				
Young	24	9						3	1	1	3		1			2		1			
Zavala	3	2																			

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 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	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
STATE OF TEXAS				STATE OF TEXAS—Continued			
1	Blended and prepared flour made from purchased flour.	2		14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.	1	
	Cane-sugar refining.	1			Cast-iron pipe and fittings.	2	
	Canned fish, crustacea, and mollusks.	2			Doors, window sash, frames, molding, and trim (made of metal).	2	
	Cereal preparations.	1			Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).	1	
	Oleomargarine—not made in meat-packing establishments.	2			Forgings, iron and steel—made in plants not operated in connection with rolling mills.	1	
	Quick-frozen foods.	1			Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.	26	228		Malleable-iron castings.	1	
	Special dairy products.	1			Oil burners, domestic and industrial.	1	
2	Cigars.	1			Screw-machine products and wood screws.	1	
	Tobacco (chewing and smoking) and snuff.	1			Springs, steel (except wire)—made in plants not operated in connection with rolling mills.	2	
3	Cordage and twine.	2			Steel barrels, kegs, and drums.	4	298
	Hats, straw.	2			Steel castings.	3	254
	Hosiery—full-fashioned.	3	357		Steel works and rolling mills.	1	
	Hosiery—seamless.	1			Tools (except edge tools, machine tools, files, and saws).	3	20
	Jute goods (except felt).	1			Wire drawn from purchased rods.	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.	2			Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.	3	135	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.	1	
	Children's coats—made in inside factories or by jobbers engaging contractors.	1			Aluminum products (including rolling and drawing and extruding), not elsewhere classified.	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors.	3	162		Engraving on metal (except for printing purposes).	1	
	Corsets and allied garments.	2			Lighting fixtures.	1	
	Fur coats and other fur garments, accessories, and trimmings.	1			Nonferrous-metal products not elsewhere classified.	2	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.	1			Primary smelting and refining of nonferrous metals.	4	1,165
	Men's and boys' hats and caps (except felt and straw).	2			Secondary smelting and refining of nonferrous metals, not elsewhere classified.	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.	3	100	16	Automotive electrical equipment.	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.	1			Communication equipment.	1	
	Miscellaneous fabricated textile products not elsewhere classified.	1			Electrical products not elsewhere classified.	1	
	Robes, lounging garments, and dressing gowns.	2			Radios, radio tubes, and phonographs.	1	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.	1		17	Cars and trucks, industrial.	1	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.	2			Construction and similar machinery (except mining and oil-field machinery and tools).	3	59
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.	1			Elevators, escalators, and conveyors.	2	
	Women's and misses' dresses (except house dresses)—made in contract factories.	2			Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.	2	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics.	5	94		Measuring and dispensing pumps.	1	
	Women's neckwear, scarfs, etc.	1			Mechanical power-transmission equipment.	2	
	Work shirts.	1			Mining machinery and equipment.	1	
6	Cigar boxes: wooden, part wooden.	1			Pumping equipment and air compressors.	4	283
	Excelsior.	2		18	Steam engines, turbines, and water wheels.	1	
	Laboratory, hospital, and other professional furniture.	1			Automobile trailers (for attachment to passenger cars).	3	55
	Office furniture.	1			Motor vehicles, motor-vehicle bodies, parts and accessories.	24	1,327
	Public-building furniture.	2		20	Beauty-shop and barber-shop equipment.	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.	1			Brushes.	1	
7	Coated and glazed paper.	3	265		Buttons.	2	
	Converted paper products not elsewhere classified.	3	78		Carbon paper and inked ribbons.	1	
	Envelopes.	5	69		Costume jewelry and costume novelties (jewelry other than fine jewelry).	2	
	Paper and paperboard mills.	2			Feathers, plumes, and artificial flowers.	1	
	Paper bags, except those made in paper mills.	2			Miscellaneous fabricated products not elsewhere classified.	2	
	Pulp mills.	1			Ophthalmic goods: lenses and fittings.	1	
8	Ammunition.	1			Optical instruments and lenses.	1	
	Bluing.	1			Professional and scientific instruments (except surgical and dental).	2	
	Colors and pigments.	1		CITY OF DALLAS			
	Fireworks.	2		1	Biscuit, crackers, and pretzels.	2	
	Glue and gelatin.	1			Blended and prepared flour made from purchased flour.	2	
	Grease and tallow (except lubricating greases).	4	27		Candy and other confectionery products.	10	198
	Gum naval stores (processing but not gathering or warehousing).	1			Canned and dried fruits and vegetables (including canned soups).	1	
	Lubricating oils and greases—not made in petroleum refineries.	4	25		Cooking and other edible fats and oils, not elsewhere classified.	2	
	Printing ink.	3	8		Creamery butter.	1	
	Salt.	1			Flavoring extracts and flavoring sirups, not elsewhere classified.	5	27
	Vegetable and animal oils, not elsewhere classified.	1			Flour and other grain-mill products.	2	
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.	2			Macaroni, spaghetti, vermicelli, and noodles.	1	
	Small leather goods.	2			Malt liquors.	1	
13	Asbestos products (except steam packing and pipe and boiler covering).	2			Meat packing, wholesale.	4	376
	Clay refractories, including refractory cement (clay).	1			Oleomargarine—not made in meat-packing establishments.	1	
	Glass containers.	3	309		Pickled fruits and vegetables and vegetable sauces and seasonings.	4	87
	Sewer pipe and kindred products.	2			Poultry dressing and packing, wholesale.	1	
	Statuary and art goods (except stone and concrete)—factory production.	1			Prepared feeds (including mineral) for animals and fowls.	3	18
	Steam and other packing; pipe and boiler covering.	2			Salad dressings.	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified.	1			Sausages, prepared meats, and other meat products—not made in meat-packing establishments.	3	52
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.	3	63		Vinegar and cider.	1	

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

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No. ¹	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
CITY OF DALLAS—Continued				CITY OF DALLAS—Continued			
3	Batting, padding, and wadding; upholstery filling.....	1		12	Industrial ¹ leather belting and packing leather.....	2	
	Cotton broad woven goods.....	1			Saddlery, harness, and whips.....	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	2			Suitcases, brief cases, bags, trunks, and other luggage.....	3	
	Hosiery—full-fashioned.....	1		13	Asbestos products (except steam packing and pipe and boiler covering).....	1	
	Hosiery—seamless.....	1			Pottery products not elsewhere classified.....	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	2			Statuary and art goods (except stone and concrete)—factory production.....	2	
4	Canvas products (except bags).....	2			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1		14	Doors, window sash, frames, molding, and trim (made of metal).....	2	
	Children's coats—made in inside factories or by jobbers engaging contractors.....	1			Gray-iron and semisteel castings.....	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	5	118		Heating and cooking apparatus, except electric, not elsewhere classified.....	1	
	Corsets and allied garments.....	1			Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	5			Stamped and pressed metal products (except automobile stampings).....	5	
	Fur coats and other fur garments, accessories, and trimmings.....	1			Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	143		Tin cans and other tinware not elsewhere classified.....	1	
	Men's and boys' hats and caps (except felt and straw).....	1			Tools (except edge tools, machine tools, files, and saws).....	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1			Wirework not elsewhere classified.....	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	4		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	
	Millinery.....	21			Engraving on metal (except for printing purposes).....	1	
	Miscellaneous fabricated textile products not elsewhere classified.....	1			Jewelry (precious metals).....	2	
	Robes, lounging garments, and dressing gowns.....	2			Lighting fixtures.....	1	
	Textile bags—not made in textile mills.....	4	243		Nonferrous-metal foundries (except aluminum).....	1	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1		16	Automotive electrical equipment.....	1	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	1			Communication equipment.....	1	
	Trousers (semidress), wash suits, and washable service apparel.....	6	378		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	1			Radios, radio tubes, and phonographs.....	1	
	Women's and misses' dresses (except house dresses)—made in contract factories.....	2		17	Blowers; exhaust and ventilating fans.....	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	12			Commercial laundry, dry-cleaning, and pressing machinery.....	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics.....	1			Food-products machinery.....	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	3	58		Industrial machinery, not elsewhere classified.....	2	
6	Caskets, coffins, burial cases, and other morticians' goods.....	3	129		Oil-field machinery and tools.....	3	76
	Excelsior.....	1			Printing-trades machinery and equipment.....	2	
	Household furniture, except upholstered.....	3	171		Pumping equipment and air compressors.....	1	
	Laboratory, hospital, and other professional furniture.....	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	32
	Mattresses and bedsprings.....	5	196		Special-industry machinery, not elsewhere classified.....	5	
	Upholstered household furniture.....	3	180	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	4	1,058
	Window shades.....	4	13	20	Beauty-shop and barber-shop equipment.....	1	
	Wooden boxes except cigar boxes.....	1			Brooms.....	2	
	Wood products not elsewhere classified.....	1			Brushes.....	1	
7	Coated and glazed paper.....	2			Buttons.....	1	
	Converted paper products not elsewhere classified.....	2			Carbon paper and inked ribbons.....	1	
	Envelopes.....	2			Costume jewelry and costume novelties (jewelry other than fine jewelry).....	1	
	Paper and paperboard mills.....	1			Hand stamps, stencils, and brands.....	1	
	Paperboard containers and boxes not elsewhere classified.....	6	82		Miscellaneous fabricated products not elsewhere classified.....	1	
8	Books: publishing and printing.....	1			Professional and scientific instruments (except surgical and dental).....	1	
	Electrotyping and stereotyping, not done in printing establishments.....	2			Sporting and athletic goods not elsewhere classified.....	1	
	Machine and hand typesetting (including advertisement typesetting).....	4	51		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	4	10
	Newspapers: publishing without printing.....	2		CITY OF EL PASO ¹			
	Periodicals: publishing and printing.....	4	52	1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	13	180
9	Bluing.....	1			Candy and other confectionery products.....	1	
	Cleaning and polishing preparations, blackings, and dressings.....	2			Flour and other grain-mill products.....	5	12
	Drugs and medicines (including drug grinding).....	6	34		Food preparations, not elsewhere classified.....	3	48
	Glue and gelatin.....	1			Ice cream and ices.....	3	38
	Grease and tallow (except lubricating greases).....	1			Ice, manufactured.....	1	
	Insecticides, fungicides, and related industrial and household chemical compounds.....	3	8		Macaroni, spaghetti, vermicelli, and noodles.....	1	
	Lubricating oils and greases—not made in petroleum refineries.....	1			Malt liquors.....	1	
	Perfumes, cosmetics, and other toilet preparations.....	8	88		Meat packing, wholesale.....	3	193
	Printing ink.....	2			Nonalcoholic beverages.....	5	83
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1			Salad dressings.....	2	
11	Rubber products not elsewhere classified.....	2		3	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	2	
				4	Cotton broad woven goods.....	1	
					Canvas products (except bags).....	1	
					Trousers (semidress), wash suits, and washable service apparel.....	1	
					Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1	
					Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	6	408

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.¹ See footnote 9, table 2.

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No. ¹	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
CITY OF EL PASO ¹ —Continued				CITY OF FORT WORTH—Continued			
5	Planing mills not operated in conjunction with sawmills	4	50	6	Caskets, coffins, burial cases, and other morticians' goods	1	—
6	Caskets, coffins, burial cases, and other morticians' goods	1	—		Cooperage	2	—
	Household furniture, except upholstered	1	—		Household furniture, except upholstered	1	—
	Mattresses and bedsprings	4	22		Partitions, shelving, cabinet work, and office and store fixtures	1	—
	Wood preserving	1	—		Venetian blinds	3	30
8	Books: publishing without printing	1	—		Window and door screens and weather strip	1	—
	Engraving (steel, copperplate, and wood); plate printing	1	—	7	Paperboard containers and boxes not elsewhere classified	1	—
	General commercial (job) printing	9	52	8	Bookbinding and related industries	1	—
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	—		Electrotyping and stereotyping, not done in printing establishments	1	—
	Newspapers: publishing and printing	2	—		Engraving (steel, copperplate, and wood); plate printing	1	—
	Periodicals: publishing and printing	3	26		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	96
	Photoengraving, not done in printing establishments (including preparation of plates)	1	—		Machine and hand typesetting (including advertisement typesetting)	2	—
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	20		Newspapers: publishing and printing	6	210
	Cottonseed oil, cake, meal, and linters	1	—		Periodicals: publishing and printing	3	42
	Insecticides, fungicides, and related industrial and household chemical compounds	1	—	9	Cottonseed oil, cake, meal, and linters	2	—
	Paints, varnishes, and lacquers	3	5		Fertilizers	1	—
12	Footwear (except rubber)	1	—		Grease and tallow (except lubricating greases)	1	—
	Saddlery, harness, and whips	1	—		Insecticides, fungicides, and related industrial and household chemical compounds	1	—
13	Brick and hollow structural tile	1	—		Lubricating oils and greases—not made in petroleum refineries	3	—
	Concrete products	3	15		Perfumes, cosmetics, and other toilet preparations	1	—
	Lime	2	—		Soap and glycerin	1	—
	Mineral wool	2	—	10	Petroleum refining	1	—
	Mirrors and other glass products made of purchased glass	1	—	11	Rubber products not elsewhere classified	1	—
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	—	12	Footwear (except rubber)	2	—
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	—		Industrial leather belting and packing leather	2	—
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	—		Saddlery, harness, and whips	1	—
15	Sheet-metal work not specifically classified	5	29		Small leather goods	1	—
16	Batteries, storage and primary (dry and wet)	1	—	14	Cast-iron pipe and fittings	1	—
17	Machine-shop repairs	3	10		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	—
	Mining machinery and equipment	1	—		Gray-iron and semisteel castings	1	—
20	Brooms	1	—		Power boilers and associated products	1	—
	Optical instruments and lenses	1	—		Steel works and rolling mills	1	—
	Signs, advertising displays, and advertising novelties	1	—	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	—
CITY OF FORT WORTH					Nonferrous-metal foundries (except aluminum)	3	31
1	Biscuit, crackers, and pretzels	2	—	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	—
	Canned and dried fruits and vegetables (including canned soups)	1	—	18	Automobile trailers (for attachment to passenger cars)	1	—
	Cheese	1	—		Motor vehicles, motor-vehicle bodies, parts and accessories	3	123
	Creamery butter	6	37	19	Cars and car equipment—railroad, street, and rapid-transit	2	—
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	—	20	Brooms	1	—
	Flour and other grain-mill products	3	183		Hand stamps, stencils, and brands	1	—
	Macaroni, spaghetti, vermicelli, and noodles	1	—		Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	—
	Malt liquors	3	1,783	CITY OF HOUSTON			
	Meat packing, wholesale	5	134	1	Biscuit, crackers, and pretzels	1	—
	Poultry dressing and packing, wholesale	3	—		Canned and dried fruits and vegetables (including canned soups)	1	—
	Prepared feeds (including mineral) for animals and fowls	5	123		Cereal preparations	1	—
	Preserves, jams, jellies, and fruit butters	1	—		Cheese	2	—
	Salad dressings	2	—		Condensed and evaporated milk	1	—
	Vinegar and cider	1	—		Creamery butter	4	30
3	Cotton broad woven goods	1	—		Flavoring extracts and flavoring sirups, not elsewhere classified	5	27
4	Belts (apparel), regardless of material	1	—		Flour and other grain-mill products	4	203
	Canvas products (except bags)	1	—		Food preparations, not elsewhere classified	2	—
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	—		Macaroni, spaghetti, vermicelli, and noodles	2	—
	Housefurnishings (except curtains, draperies, and bedspreads)	1	—		Malt liquors	1	—
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	—		Meat packing, wholesale	3	408
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	782		Prepared feeds (including mineral) for animals and fowls	8	74
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	—		Preserves, jams, jellies, and fruit butters	2	—
6	Baskets for fruits and vegetables	1	—		Rice cleaning and polishing	6	258
		1	—		Salad dressings	2	—
					Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	87
					Vinegar and cider	1	—

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

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No. ¹	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
CITY OF HOUSTON—Continued				CITY OF HOUSTON—Continued			
3	Cordage and twine.....	1	-----	15	Electroplating, plating, and polishing.....	3	14
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1	-----		Nonferrous-metal products not elsewhere classified.....	1	-----
	Fute goods (except felt).....	1	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	-----	16	Batteries, storage and primary (dry and wet).....	1	-----
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	2	-----		Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	3	-----
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	-----	17	Blowers; exhaust and ventilating fans.....	5	23
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1	-----		Elevators, escalators, and conveyors.....	1	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	1	-----		Industrial machinery, not elsewhere classified.....	2	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----		Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	1	-----
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	1	-----		Mechanical power-transmission equipment.....	1	-----
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----		Printing-trades machinery and equipment.....	1	-----
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1	-----		Steam engines, turbines, and water wheels.....	1	-----
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1	-----	20	Brooms.....	2	-----
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	2	-----		Professional and scientific instruments (except surgical and dental).....	1	-----
6	Caskets, coffins, burial cases, and other morticians' goods.....	3	29		Sporting and athletic goods not elsewhere classified.....	3	-----
	Excelsior.....	1	-----		Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	2	-----
	Household furniture, except upholstered.....	6	293	CITY OF SAN ANTONIO			
	Office furniture.....	1	-----	1	Biscuit, crackers, and pretzels.....	1	-----
	Venetian blinds.....	3	41		Cheese.....	1	-----
	Window and door screens and weather strip.....	1	-----		Cooking and other edible fats and oils, not elsewhere classified.....	2	-----
	Window shades.....	2	-----		Creamery butter.....	2	-----
	Wooden boxes except cigar boxes.....	2	-----		Custom slaughtering, wholesale.....	1	-----
	Wood preserving.....	2	-----		Flavoring extracts and flavoring sirups, not elsewhere classified.....	3	-----
7	Coated and glazed paper.....	1	-----		Flour and other grain-mill products.....	2	106
	Envelopes.....	1	-----		Macaroni, spaghetti, vermicelli, and noodles.....	2	-----
	Paper bags, except those made in paper mills.....	1	-----		Malt liquors.....	3	-----
8	Books: publishing and printing.....	1	-----		Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	-----
	Books: publishing without printing.....	2	-----		Preserves, jams, jellies, and fruit butters.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	1	-----		Quick-frozen foods.....	1	-----
	Engraving (steel, copperplate, and wood); plate printing.....	1	-----		Salad dressings.....	2	-----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	-----	2	Olgars.....	1	-----
	Newspapers: publishing without printing.....	1	-----		Tobacco (chewing and smoking) and snuff.....	1	-----
9	Bone black, carbon black, and lampblack.....	1	-----	3	Hats, straw.....	1	-----
	Chemicals not elsewhere classified.....	2	-----	4	Belts (apparel), regardless of material.....	1	-----
	Cleaning and polishing preparations, blackings, and dressings.....	1	-----		Canvas products (except bags).....	2	-----
	Drugs and medicines (including drug grinding).....	1	-----		Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----
	Paints, varnishes, and lacquers.....	6	86		Children's dresses—made in inside factories or by jobbers engaging contractors.....	2	-----
	Printing ink.....	1	-----		Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	-----
	Soap and glycerin.....	2	-----		Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	-----
10	Petroleum refining.....	3	143		Men's and boys' hats and caps (except felt and straw).....	1	-----
11	Rubber 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.....	1	-----
12	Industrial leather belting and packing leather.....	1	-----		Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	2	-----
	Saddlery, harness, and whips.....	1	-----		Men's neckwear—made in inside factories or by jobbers engaging contractors.....	1	-----
13	Asbestos products (except steam packing and pipe and boiler covering).....	1	-----		Trousers (semidress), wash suits, and washable service apparel.....	3	-----
	Cement.....	1	-----		Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	-----
	Minerals and earths, ground or otherwise treated.....	2	-----	6	Cigar boxes: wooden, part wooden.....	1	-----
	Mirrors and other glass products made of purchased glass.....	2	-----		Household furniture, except upholstered.....	1	-----
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	-----		Partitions, shelving, cabinet work, and office and store fixtures.....	1	-----
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	1	-----		Wooden boxes except cigar boxes.....	1	-----
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	1	-----	7	Envelopes.....	2	-----
	Heating and cooking apparatus, except electric, not elsewhere classified.....	2	-----		Paperboard containers and boxes not elsewhere classified.....	3	58
	Power boilers and associated products.....	5	292	8	Bookbinding and related industries.....	1	-----
	Screw-machine products and wood screws.....	1	-----		Books: printing without publishing.....	2	-----
	Stamped and pressed metal products (except automobile stampings).....	2	-----		Engraving (steel, copperplate, and wood); plate printing.....	1	-----
	Steel barrels, kegs, and drums.....	2	-----		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1	-----
	Steel castings.....	2	-----		Newspapers: publishing and printing.....	6	290
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	2	-----		Periodicals: publishing without printing.....	1	-----
	Tin cans and other tinware not elsewhere classified.....	3	414		Photoengraving, not done in printing establishments (including preparation of plates).....	2	-----
	Tools (except edge tools, machine tools, files, and saws).....	2	-----				
	Wirework not elsewhere classified.....	2	-----				

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

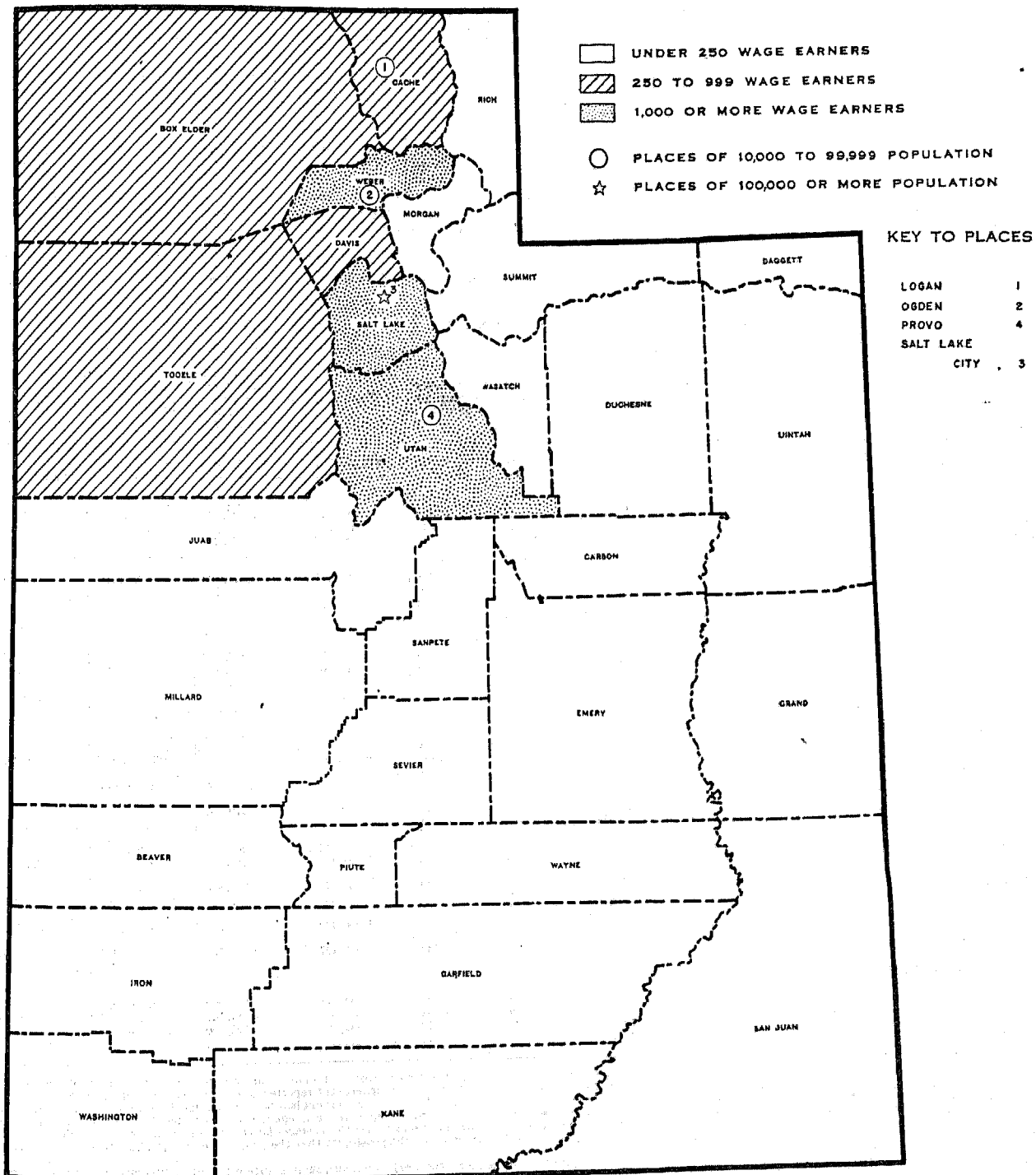
TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No. ¹	INDUSTRY	Number of establishments	Wage earners	Group No. ¹	INDUSTRY	Number of establishments	Wage earners
CITY OF SAN ANTONIO—Continued				CITY OF SAN ANTONIO—Continued			
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	4	19	15	Electroplating, plating, and polishing.....	2	-----
	Cottonseed oil, cake, meal, and linters.....	2	-----		Jewelry (precious metals).....	1	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	1	-----		Nonferrous-metal foundries (except aluminum).....	1	-----
	Perfumes, cosmetics, and other toilet preparations.....	1	-----	16	Batteries, storage and primary (dry and wet).....	2	-----
	Soap and glycerin.....	1	-----	17	Commercial laundry, dry-cleaning, and pressing machinery.....	2	-----
10	Petroleum refining.....	1	-----		Construction and similar machinery (except mining and oil-field machinery and tools).....	1	-----
12	Footwear (except rubber).....	1	-----		Industrial machinery, not elsewhere classified.....	1	-----
13	Mirrors and other glass products made of purchased glass.....	1	-----		Machine-shop products, not elsewhere classified.....	2	-----
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	4	132		Printing-trades machinery and equipment.....	1	-----
	Gray-iron and semisteel castings.....	1	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	2	-----
	Oil burners, domestic and industrial.....	1	-----	20	Brooms.....	1	-----
	Steel castings.....	1	-----		Feathers, plumes, and artificial flowers.....	1	-----
					Hand stamps, stencils, and brands.....	2	-----
					Miscellaneous fabricated products not elsewhere classified.....	1	-----
					Models and patterns (except paper patterns).....	1	-----

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

UTAH

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



UTAH

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 ¹	Value of products ²	Value added by manufacture ³
1939.....	560	341	13,841	\$16,559,107	\$123,452,364	\$167,172,226	\$43,719,862
1937.....	552	304	16,542	19,063,955	156,911,426	204,857,058	47,945,632
1929.....	631	322	16,178	22,051,383	155,013,265	207,641,259	52,627,994

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 ²	Value added by manufacture ³
The State.....	550,310	*560	11,555	*\$11,967,762	\$123,452,364	\$167,172,226	\$43,719,862
COUNTIES ⁴							
Beaver ⁵	5,014	2					
Box Elder.....	18,832	16	469	289,320	2,047,631	3,166,605	1,111,974
Cache.....	29,797	27	540	471,543	4,176,743	6,517,186	2,340,443
Carbon.....	18,459	14	75	82,380	196,088	425,175	229,087
Daggett ⁶	564	1					
Davis.....	15,784	11	471	395,287	5,420,103	7,898,703	2,478,600
Duchesne.....	8,958	15	40	37,374	260,122	341,869	91,747
Emery ⁶	7,072	3	3				
Garfield ⁶	5,253	3	8				
Grand ⁶	2,070	1					
Iron.....	8,331	7	20	16,455	113,309	203,647	90,338
Juab.....	7,362	6	53	47,649	119,569	274,192	154,633
Kane ⁶	2,561	2					
Millard ⁶	9,613	3	11				
Morgan ⁶	2,611	3	92				
Plute ⁶	2,203	2					
Rioh ⁶	2,028	3	4				
Salt Lake.....	211,623	261	5,453	6,282,745	79,490,881	103,165,133	23,674,262
San Juan ⁶	4,712	3	7				
Sanpete.....	16,093	12	180	131,795	1,138,436	1,500,035	361,699
Sevier.....	12,112	9	73	69,178	279,292	525,619	246,327
Summit ⁶	8,714	4	8				
Tooele ⁶	9,133	4	583				
Uintah.....	9,898	7	37	22,414	204,288	275,343	71,055
Utah.....	57,382	58	1,266	1,288,469	6,158,658	9,926,625	3,767,967
Wasatch.....	5,754	7	49	43,373	75,836	159,823	83,987
Washington.....	9,289	3	6	7,433	15,932	40,890	24,958
Wayne ⁶	2,394	1					
Weber.....	56,714	72	2,092	1,890,120	13,312,934	20,206,010	6,893,076
Undistributed ⁷		35	742	892,227	10,462,552	12,552,371	2,099,819
PLACES HAVING 10,000 OR MORE INHABITANTS							
Logan.....	11,868	18	188	141,218	727,999	1,189,093	461,094
Ogden.....	43,688	59	1,544	1,369,885	9,981,141	14,734,287	4,753,146
Provo.....	18,071	23	172	149,763	521,260	1,087,806	566,556
Salt Lake City ¹	149,934	223	3,321				

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 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 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, and for the same reason no table giving statistics by industries for Salt Lake City is included in this report.

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 (Dec. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	21,452	16,199	Salaried officers and employees—Continued.		
Male.....	15,841	13,148	All other employees, etc.—Continued.		
Female.....	5,611	3,051	Engaged in manufacturing:		
Salaried officers and employees, total.....	4,101	2,715	Male.....	1,602	
Male.....	3,396	2,195	Female.....	358	
Female.....	705	520	Engaged in distribution:		
Salaried officers of corporations, total.....	328	328	Male.....	1,136	
Male.....	305	312	Female.....	178	(³)
Female.....	21	16	Engaged in construction:		
All other employees (except wage earners in manu- facturing), total.....	3,775	2,387	Male.....	148	
Male.....	3,091	1,883	Engaged in other work:		
Female.....	684	504	Male.....	205	
			Female.....	148	
			Wage earners engaged in manufacturing, total.....	17,351	13,484
			Male.....	12,445	10,953
			Female.....	4,906	2,531

¹ See headnote.

² Figures do not include data for 341 proprietors and firm members for 1939 and 322 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.....	11,555	9,636	8,942	9,166	9,618	9,821	11,246	14,468	12,479	14,912	14,615	12,074	11,587
1937.....	18,094	10,121	10,526	10,812	11,217	11,809	12,562	16,933	14,883	15,323	16,240	13,898	11,999
1929.....	18,463	10,731	10,555	11,092	11,443	11,749	12,649	15,618	16,116	17,328	17,185	14,322	12,567

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

CENSUS OF MANUFACTURES: 1939

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.....	560	631	11,555	13,463	\$167,172,226	\$43,719,862
No wage earners.....	34	32			604,533	347,878
1 to 5.....	272	333	606	887	7,616,205	3,034,176
6 to 20.....	128	132	1,365	1,448	13,534,179	5,324,443
21 to 50.....	67	66	2,191	2,196	19,793,283	8,118,355
51 to 100.....	35	37	2,581	2,520	23,983,885	8,909,098
101 to 250.....	20	20	4,722	6,412	101,340,141	17,985,912
251 to 500.....	2	3				
501 to 1,000.....	2	2				

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.....	560	631	11,555	13,463	\$167,172,226	\$207,641,259	\$43,719,862	\$52,627,994
\$5,000 to \$19,999.....	202	238	463	496	2,227,719	2,701,686	1,271,697	1,521,157
\$20,000 to \$49,999.....	121	141	607	795	4,031,906	4,596,089	1,039,520	2,480,758
\$50,000 to \$99,999.....	75	75	852	852	5,405,270	5,485,540	2,780,771	2,626,877
\$100,000 to \$249,999.....	82	84	2,377	2,074	12,850,764	13,044,051	5,610,652	5,461,014
\$250,000 to \$499,999.....	34	40	1,533	2,247	11,705,972	13,733,395	4,019,031	6,377,442
\$500,000 to \$999,999.....	22	29	1,508	2,069	15,191,487	20,320,160	6,297,520	8,854,431
\$1,000,000 to \$2,499,999.....	16	12	1,698	1,290	25,576,308	16,556,878	10,782,040	6,377,143
\$2,500,000 to \$4,999,999.....	4	7	462	965	12,192,229	22,664,328	2,071,604	5,807,220
\$5,000,000 and over.....	4	5	1,965	2,675	77,891,571	108,539,134	9,038,027	13,121,952

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

UTAH

1013

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.....	560	631	11,555	13,463	\$167,172,226	\$207,641,250	\$43,719,862	\$52,627,994
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	160	(⁴)	7,037	(⁴)	134,534,216	(⁴)	30,232,703	(⁴)
Independent (single-unit).....	157	(⁴)	3,096	(⁴)	22,883,078	(⁴)	9,403,487	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	16	(⁴)	188	(⁴)	1,472,551	(⁴)	530,595	(⁴)
Independent (single-unit).....	227	(⁴)	1,234	(⁴)	8,282,381	(⁴)	3,553,077	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and non-corporate.....	176	133	7,225	7,026	136,006,767	156,843,773	30,763,298	30,164,562
Independent (single-unit), corporate and non-corporate.....	384	498	4,330	6,437	31,165,459	50,797,476	12,956,564	22,463,402
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	317	360	10,133	12,300	157,417,294	197,949,788	39,634,190	48,827,953
Noncorporate, total.....	243	271	1,422	1,163	9,754,932	9,691,471	4,083,672	3,800,041
Individual.....	151	(⁴)	769	(⁴)	5,109,351	(⁴)	2,123,557	(⁴)
Partnership.....	84	(⁴)	573	(⁴)	3,624,591	(⁴)	1,463,572	(⁴)
Cooperative.....	5							
Other.....	3		80		960,990		434,543	

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

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

⁴ No data.

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total.....	580	341	15,656	326	1,960	11,555	1,314	148	353
2	1 Beet sugar.....	7	3	971	11	101	798			63
3	8 Bookbinding and related industries.....	3	3	11		1	10			
4	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	33	32	644	11	48	531	24	4	29
5	13 Brick and hollow structural tile.....	6	1	300	10	16	244	27	3	
6	1 Candy and other confectionery products.....	9	5	373	16	31	248	78		
7	1 Canned and dried fruits and vegetables (including canned soups).....	29		1,968	19	98	1,668	40	5	143
8	6 Caskets, coffins, burial cases, and other morticians' goods.....	3		20	7		13			
9	1 Cheese.....	18	1	48		2	40			1
10	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	5	1	55	3	8	42			2
11	13 Concrete products.....	8	11	86	1	8	71	6		
12	1 Condensed and evaporated milk.....	4		124		13	109		2	
13	1 Creamery butter.....	26	11	234	9	42	142	40	1	
14	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	4		127	3	21	89	9		
15	1 Flour and other grain-mill products.....	34	22	398	7	64	266	46		15
16	1 Food preparations, not elsewhere classified.....	11	10	57	6	3	38	10		
17	8 General commercial (job) printing.....	36	30	278	19	43	194	22		
18	14 Gray-iron and semisteel castings.....	7	4	124	11	13	96	4		
19	13 Gypsum products.....	4		99	6	9	69	3	7	5
20	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	4	9	392	4	13	337	38		
21	1 Ice cream and ices.....	17	3	302	20	40	108	132	2	
22	1 Ice, manufactured.....	7	3	107	4	8	56	39		
23	15 Jewelry (precious metals).....	5	4	32		12	19	1		
24	3 Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	6		407	8	20	342	36	1	
25	13 Lims.....	5	3	72	1	4	65		2	
26	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	1	54	1	5	41	7		
27	8 Machine and hand typesetting (including advertisement typesetting).....	3	4	5			5			
28	17 Machine-shop products, not elsewhere classified.....	3	2	56	3	7	42	2	2	
29	17 Machine-shop repairs.....	3	2	11		2	9			
30	6 Mattresses and bedsprings.....	5	6	41	2	1	35	2		1
31	1 Meat packing, wholesale.....	14	17	500	8	54	244	161	30	3
32	13 Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	4	5	11		2	8	1		
33	8 Newspapers: publishing and printing.....	31	23	946	15	412	389	130		
34	1 Nonalcoholic beverages.....	22	15	184	12	30	60	75	1	6
35	8 Periodicals: publishing without printing.....	10	2	48	2	39	7			
36	10 Petroleum refining.....	3		279	3	32	200	44		
37	8 Photoengraving, not done in printing establishments (including preparation of plates).....	3	4	12		1	10	1		
38	5 Planing mills not operated in conjunction with sawmills.....	14	10	124	4	8	100	12		
39	1 Poultry dressing and packing, wholesale.....	7	8	208		7	183	13		
40	1 Prepared feeds (including mineral) for animals and fowls.....	12	11	143	5	11	109	14	2	2
41	15 Primary smelting and refining of nonferrous metals.....	4		2,392		312	1,965		59	56
42	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	13	11	94	4	8	68	14		
43	15 Sheet-metal work not specifically classified.....	6	3	75	4	6	51	14		
44	20 Signs, advertising displays, and advertising novelties.....	6	9	76	1	14	39	17	5	
45	17 Stokers, mechanical, domestic and industrial.....	4	2	75	4	9	36	24		2
46	6 Upholstered household furniture.....	3	4	116	2	10	102	1		1
47	4 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3		165	3	12	135	8		7
48	Other industries ⁴	120	64	3,507	92	433	2,622	307	24	29
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵										
49	1 Food and kindred products.....	26	15	474	23	37	305	103		6
50	3 Textile-mill products and other fiber manufactures.....	2								
51	4 Apparel and other finished products made from fabrics and similar materials.....	10	7	365	8	24	308	16	2	7
52	6 Furniture and finished lumber products.....	6	2	74	4	11	57	2		
53	8 Printing, publishing, and allied industries.....	12	6	173	8	37	97	31		
54	9 Chemicals and allied products.....	10	1	304	2	39	241	7	9	6
55	10 Products of petroleum and coal.....	6		505	5	66	380	48	6	
56	13 Stone, clay, and glass products.....	10	14	237	4	27	175	28		3
57	14 Iron and steel and their products, except machinery.....	7	2	779	10	103	645	16	5	
58	15 Nonferrous metals and their products.....	5	3	35	3	8	15	8		1
59	16 Electrical machinery.....	1								
60	17 Machinery (except electrical).....	12	8	331	14	58	214	37	2	6
61	20 Miscellaneous industries.....	7	3	58	6	7	42	1		
62	2 Tobacco manufactures.....	1								
63	7 Paper and allied products.....	2								
64	12 Leather and leather products.....	2	3	174	5	16	143	10		
65	18 Automobiles and automobile equipment.....	1								

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

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

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

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined 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 ³	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
		Salaries ⁴	Wages											
Dollars 19,122,011	Dollars 1,156,733	Dollars 3,434,612	Dollars 11,967,762	Dollars 1,968,964	Dollars 265,549	Dollars 328,361	Dollars 123,462,364	Dollars 119,063,018	Dollars 3,038,852	Dollars 1,140,373	Dollars 210,121	Dollars 167,172,226	Dollars 43,719,852	
1,103,188	40,091	174,005	722,588	-----	13,783	152,721	4,752,339	4,439,323	280,465	23,551	-----	8,328,539	3,570,200	
14,146	-----	2,576	11,570	-----	-----	-----	24,748	18,706	101	376	5,565	56,112	31,364	
912,235	41,951	101,214	722,540	24,117	6,009	18,404	1,838,661	1,766,990	30,461	41,204	-----	3,766,823	1,928,162	
369,501	20,440	29,451	269,499	46,100	5,011	-----	251,986	137,431	87,009	23,115	4,431	696,138	444,152	
408,156	54,681	45,742	203,010	103,713	1,010	-----	804,943	787,451	7,478	10,014	-----	1,502,706	697,763	
1,007,341	39,160	99,364	840,072	13,050	5,000	10,095	3,970,712	3,863,536	62,351	44,825	-----	6,393,896	2,423,184	
26,923	16,218	-----	10,705	-----	-----	720	89,101	88,302	534	265	-----	149,344	60,243	
46,718	-----	2,420	43,578	-----	-----	-----	473,001	462,135	7,487	3,031	348	587,352	114,351	
81,288	6,862	17,645	55,411	-----	-----	1,370	119,635	91,128	2,963	25,544	-----	362,814	243,179	
89,068	1,916	12,163	61,749	13,850	-----	-----	98,175	84,732	1,910	3,683	7,850	299,699	201,524	
120,156	-----	19,033	105,604	-----	4,459	-----	2,283,548	2,238,937	38,639	5,972	-----	2,994,504	710,956	
262,930	24,798	50,029	126,484	53,970	7,049	-----	2,776,799	2,698,917	43,881	31,421	2,080	3,352,025	576,226	
190,601	37,191	37,606	94,018	21,786	-----	-----	640,647	628,857	2,069	6,721	3,000	962,713	322,066	
560,186	11,843	108,099	363,302	61,625	-----	15,257	4,749,844	4,616,414	11,630	121,800	-----	6,399,572	1,649,728	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
383,723	55,148	60,147	220,289	48,139	-----	-----	313,242	275,960	4,967	14,239	13,076	920,419	607,177	
174,525	21,033	27,952	122,012	3,528	-----	-----	114,627	75,590	30,652	8,065	-----	447,850	333,223	
107,228	15,800	13,920	60,401	8,500	5,409	3,198	71,549	59,738	11,235	576	-----	285,748	214,199	
254,330	13,500	24,397	190,527	25,906	-----	-----	479,345	472,752	1,427	5,166	-----	869,642	390,297	
412,784	63,501	62,082	109,205	172,999	2,415	2,582	1,067,345	1,011,533	14,235	41,577	-----	1,882,143	814,798	
134,207	14,000	18,243	63,229	33,814	4,921	-----	73,797	12,186	19,233	42,378	-----	461,463	387,066	
24,643	-----	8,016	15,981	646	-----	-----	31,469	20,830	279	1,351	-----	93,077	61,608	
345,134	34,330	31,326	224,732	52,907	1,839	-----	411,066	360,983	3,510	7,584	-----	876,387	465,301	
95,451	3,160	9,335	79,956	-----	3,000	-----	155,178	103,149	44,402	7,627	-----	304,131	148,953	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
6,058	-----	-----	6,058	-----	-----	-----	2,808	1,659	243	906	-----	25,265	22,457	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
12,861	-----	2,271	10,590	-----	-----	-----	9,170	8,359	58	753	-----	30,367	21,197	
48,338	8,700	1,014	30,152	7,252	-----	1,220	113,472	111,413	359	1,700	-----	174,896	61,394	
779,865	27,569	91,564	355,102	263,338	39,896	2,396	7,440,700	7,379,385	24,847	36,498	-----	8,379,921	939,221	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
15,740	-----	5,400	9,640	800	-----	-----	25,779	19,252	246	6,281	-----	47,214	21,435	
1,532,122	62,444	643,725	544,458	279,064	1,846	-----	940,453	889,034	6,251	44,465	708	3,823,781	2,883,328	
243,649	40,539	36,482	40,348	117,180	1,000	2,100	437,095	423,616	5,693	7,786	-----	1,020,886	583,791	
59,516	4,425	47,631	7,460	7,460	-----	-----	122,724	161	-----	-----	122,563	328,625	206,901	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
24,085	-----	5,187	16,538	2,360	-----	-----	7,296	6,265	70	961	-----	62,944	55,647	
166,007	8,635	16,366	118,008	22,325	-----	673	213,806	206,255	570	6,981	-----	494,922	281,116	
94,603	-----	9,497	72,178	12,988	-----	-----	1,208,637	1,200,520	2,282	5,835	-----	1,685,031	470,394	
168,713	16,538	14,616	108,705	24,691	2,728	1,435	2,027,469	1,993,763	6,894	26,812	-----	2,676,087	648,618	
3,345,502	679,343	2,479,105	2,479,105	101,959	85,095	-----	66,328,546	65,175,526	977,128	175,892	-----	74,469,864	8,141,318	
77,965	4,800	3,623	62,528	7,014	-----	-----	42,588	29,846	3,865	600	8,777	169,732	127,144	
117,645	24,538	9,103	49,996	34,008	-----	-----	428,844	426,761	495	1,510	88	702,872	274,028	
109,298	6,000	20,705	53,210	22,758	6,625	-----	76,639	69,527	1,824	3,226	2,062	339,466	262,827	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
149,333	13,200	19,607	114,373	1,202	-----	951	382,658	379,066	582	3,020	-----	636,085	253,427	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
5,035,989	423,722	873,123	3,163,096	492,314	51,590	32,144	18,052,903	16,379,025	1,292,228	347,072	34,578	30,111,202	12,058,299	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	-----	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	
623,534	105,097	61,610	304,899	144,535	-----	6,798	1,518,485	1,470,234	27,979	20,272	-----	2,924,283	1,405,798	
313,870	41,412	36,963	202,806	22,758	1,399	8,532	467,013	451,063	6,583	9,367	-----	944,087	477,074	
99,387	12,526	24,566	61,612	683	-----	-----	151,774	147,564	630	3,165	475	310,822	160,048	
250,922	29,252	47,621	122,892	51,167	-----	-----	260,305	165,342	989	5,406	28,568	613,926	413,621	
483,425	6,980	95,952	336,791	19,610	15,936	8,156	1,257,651	1,178,207	51,635	27,909	-----	3,054,776	1,797,125	
849,215	24,428	177,387	558,036	84,104	4,680	-----	7,272,455	6,929,103	291,584	51,768	-----	10,468,930	3,196,475	
351,268	16,845	50,086	224,239	47,269	2,350	1,479	599,718	216,182	149,041	139,465	5,030	1,492,195	982,477	
1,249,975	66,150	233,000	880,369	45,827	24,629	-----	4,712,060	3,894,808	749,780	66,989	483	7,179,091	2,467,031	
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	-----	700	30,723	28,784	916	1,048	-----	124,760	94,037	
49,430	11,774	15,136	18,320	8,500	-----	-----	1,191,723	1,168,783	8,016	14,905	22	1,757,044	565,318	
473,488	53,383	79,314	282,538	49,173	2,596	6,484	318,137	313,996	2,010	2,131	-----	428,257	110,120	
85,218	30,553	10,900	42,857	908	-----	-----	-----	-----	-----	-----	-----	-----	-----	
206,257	24,722	31,608	132,137	17,790	-----	-----	422,856	414,979	3,165	4,712	-----	813,031	390,175	

¹ Each of the averages in the "Wage earner" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

² Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

³ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

⁴ For numbers of establishments and of wage earners in individual industries, see table 10.

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.....	560	265	1	8	14	27	17	2	98	15	6	2	37	18	20	1	15	1			13
Beaver.....	2	2																			
Box Elder.....	16	10		1			1		2				2								
Cache.....	27	13		3		1	1		5				2	1				1			
Carbon.....	14	8							2	1	1		2								
Daggett.....	1	1																			
Davis.....	11	9							1		1										
Duchesne.....	15	11				3			1												
Emery.....	3	2							1												
Garfield.....	3	2				1															
Grand.....	1								1												
Iron.....	7	4							1					2							
Juab.....	6	2							1					3							
Kane.....	2					2															
Millard.....	3	3																			
Morgan.....	3	2												1							
Plute.....	2	2																			
Rich.....	3	3																			
Salt Lake.....	261	84	1	3	9	8	11	2	64	12	2			15	12	18	1	10			9
San Juan.....	3	2				1															
Sanpete.....	12	12																			
Sevier.....	9	6							1					2							
Summit.....	4	2				1			1												
Tooele.....	4									1				1		1					1
Uintah.....	7	4				1			1				1								
Utah.....	58	34				3	2		8	1	1			4	3			1			1
Wasatch.....	7	2				3	1		1												
Washington.....	3	2							1												
Wayne.....	1	1																			
Weber.....	72	42		1	5	3	1		6		1		1	3	2	1		3	1		2

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

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

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
	STATE OF UTAH				STATE OF UTAH—Continued		
1	Biscuit, crackers, and pretzels.....	2		8	Books: printing without publishing.....	2	
	Cereal preparations.....	1			Books: publishing and printing.....	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	2			Books: publishing without printing.....	2	
	Food preparations, not elsewhere classified.....	11	38		Engraving (steel, copperplate, and wood); plate printing.....	1	
	Macaroni, spaghetti, vermicelli, and noodles.....	1			Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	41
	Malt.....	1			Newspapers: publishing without printing.....	1	
	Malt liquors.....	2			Periodicals: publishing and printing.....	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	1		9	Chemicals not elsewhere classified.....	2	
	Preserves, jams, jellies, and fruit butters.....	1			Coal-tar products, crude and intermediate.....	1	
	Quick-frozen foods.....	1			Drugs and medicines (including drug grinding).....	2	
	Salad dressings.....	1			Explosives.....	1	
	Sausages, prepared meats, and other meat products— not made in meat-packing establishments.....	2			Paints, varnishes, and lacquers.....	1	
2	Cigars.....	1			Perfumes, cosmetics, and other toilet preparations.....	2	
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	2			Salt.....	1	
4	Canvas products (except bags).....	2		10	Oven coke and coke-oven byproducts.....	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1			Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	
	Textile bags—not made in textile mills.....	1			Petroleum refining.....	3	200
	Women's and misses' dresses (except house dresses)— made in inside factories or by jobbers engaging con- tractors.....	2			Roofing, built-up and roll; asphalt shingles; roof coat- ing (except paint).....	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1		12	Saddlery, harness, and whips.....	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3	135	13	Cement.....	2	
6	Excelsior.....	1			Minerals and earths, ground or otherwise treated.....	1	
	Household furniture, except upholstered.....	1			Mineral wool.....	2	
	Mirror frames and picture frames.....	1			Mirrors and other glass products made of purchased glass.....	1	
	Public-building furniture.....	1			Nonclay refractories.....	2	
	Venetian blinds.....	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor com- position.....	2	
	Wooden boxes except cigar boxes.....	1		14	Blast-furnace products.....	1	
7	Paperboard containers and boxes not elsewhere clas- sified.....	2			Cast-iron pipe and fittings.....	1	
					Power boilers and associated products.....	2	
					Steel castings.....	1	
					Tin cans and other tinware not elsewhere classified.....	2	

See footnotes at end of table.

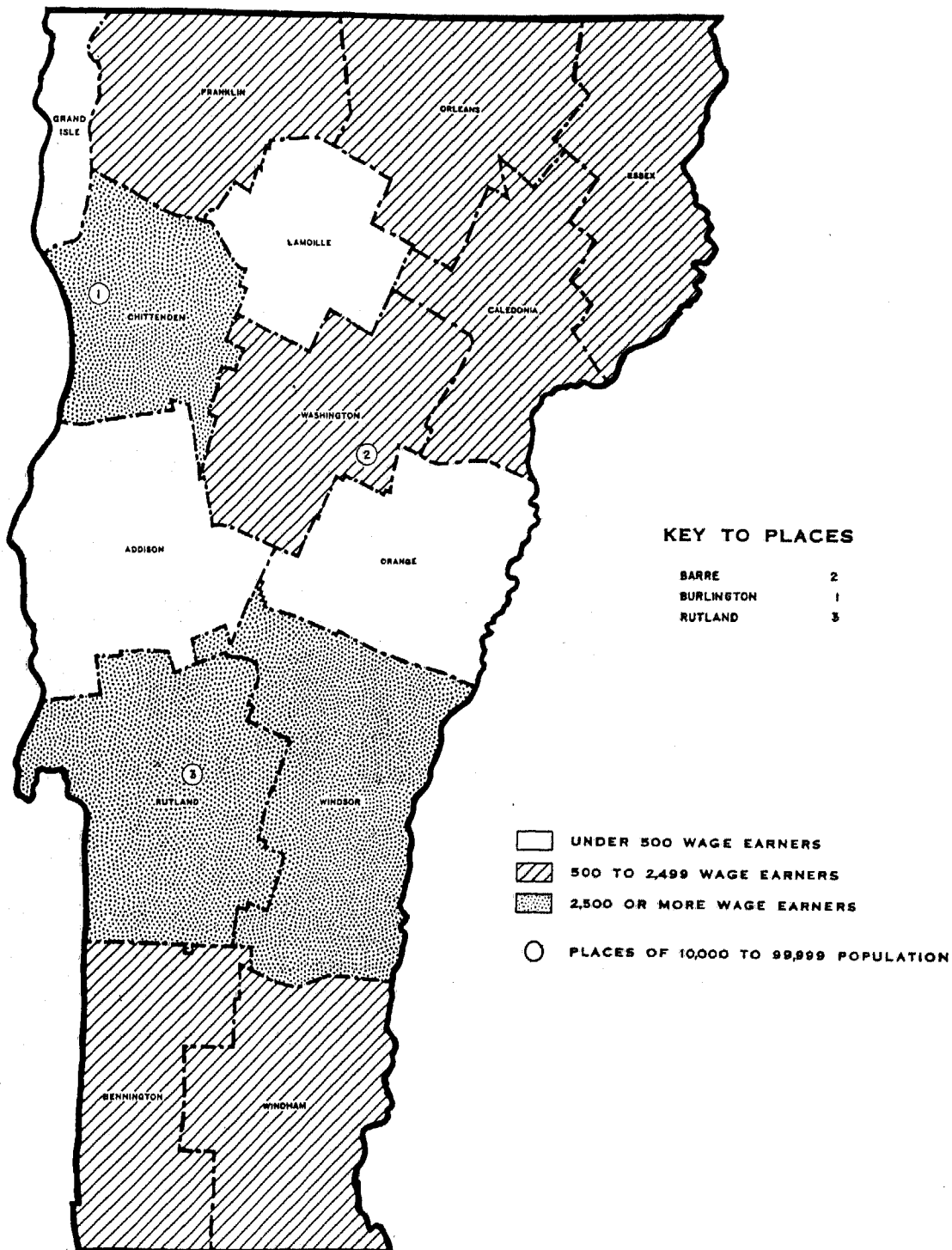
TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND ALL INDUSTRIES FOR SALT LAKE CITY—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
STATE OF UTAH—Continued				SALT LAKE CITY ² —Continued			
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1		6	Caskets, coffins, burial cases, and other morticians' goods	3	13
	Lighting fixtures	1			Mattresses and bedsprings	2	
	Nonferrous-metal foundries (except aluminum)	2			Mirror frames and picture frames	1	
	Nonferrous-metal products not elsewhere classified	1			Public-building furniture	1	
16	Electrical products not elsewhere classified	1			Upholstered household furniture	3	102
					Venetian blinds	1	
17	Industrial machinery, not elsewhere classified	2		7	Paperboard containers and boxes not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	3	42				
	Mining machinery and equipment	2		8	Bookbinding and related industries	2	
	Scales and balances	1			Books: printing without publishing	2	
	Stokers, mechanical, domestic and industrial	4	38		Books: publishing and printing	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1			Books: publishing without printing	2	
					Engraving (steel, copperplate, and wood); plate printing	1	
20	Brooms	2			General commercial (job) printing	23	168
	Hand stamps, stencils, and brands	1			Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Soda fountains, beer dispensing equipment, and related products	1			Machine and hand typesetting (including advertisement typesetting)	3	5
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2			Newspapers: publishing and printing	3	242
	Wool pulling	1			Newspapers: publishing without printing	1	
					Periodicals: publishing and printing	1	
					Periodicals: publishing without printing	10	
					Photoengraving, not done in printing establishments (including preparation of plates)	3	10
SALT LAKE CITY ¹				9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	21
1	Biscuit, crackers, and pretzels	2			Drugs and medicines (including drug grinding)	2	
	Bread and other bakery products (except biscuit, crackers, and pretzels)	14	370		Paints, varnishes, and lacquers	1	
	Candy and other confectionery products	7	182		Perfumes, cosmetics, and other toilet preparations	2	
	Cereal preparations	1		10	Petroleum refining	1	
	Creamery butter	6	60		Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2		13	Brick and hollow structural tile	1	
	Flour and other grain-mill products	1			Cement	1	
	Food preparations, not elsewhere classified	7	25		Concrete products	4	42
	Ice cream and ices	8	87		Mirrors and other glass products made of purchased glass	1	
	Ice, manufactured	4	25		Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Macaroni, spaghetti, vermicelli, and noodles	1			Nonclay refractories	1	
	Malt liquors	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	Meat packing, wholesale	1		14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	89
	Nonalcoholic beverages	6	20		Gray-iron and semisteel castings	5	88
	Pickled fruits and vegetables and vegetable sauces and seasonings	1			Power boilers and associated products	2	
	Poultry dressing and packing, wholesale	2			Steel castings	1	
	Prepared feeds (including mineral) for animals and fowls	1		15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Preserves, jams, jellies, and fruit butters	1			Jewelry (precious metals)	5	19
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1			Lighting fixtures	1	
	Special dairy products	1			Nonferrous-metal foundries (except aluminum)	2	
2	Cigars	1			Nonferrous-metal products not elsewhere classified	1	
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2			Sheet-metal work not specifically classified	5	45
4	Canvas products (except bags)	2		16	Electrical products not elsewhere classified	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2		17	Industrial machinery, not elsewhere classified	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1			Machine-shop products, not elsewhere classified	2	
	Textile bags—not made in textile mills	1			Machine-shop repairs	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1			Mining machinery and equipment	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2			Scales and balances	1	
5	Planing mills not operated in conjunction with sawmills	4	58	20	Stokers, mechanical, domestic and industrial	2	
					Brooms	1	
					Hand stamps, stencils, and brands	1	
					Signs, advertising displays, and advertising novelties	4	35
					Soda fountains, beer dispensing equipment, and related products	1	
					Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.² See footnote 8, table 2.

VERMONT

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



VERMONT

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.....	717	554	24,518	\$27,273,168	\$51,213,722	\$103,154,301	\$51,940,579
1937.....	683	449	26,553	30,652,046	58,771,037	111,876,051	53,104,364
1929.....	911	646	29,522	40,425,445	65,110,295	140,331,504	75,221,209

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 figure 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.....	359,231	717	21,759	\$21,232,355	\$51,213,722	\$103,154,301	\$51,940,579
COUNTIES ⁶							
Addison.....	17,944	21	464	388,005	589,812	1,386,829	797,017
Bennington.....	22,286	37	2,373	1,934,273	3,739,600	7,553,972	3,814,372
Caledonia.....	24,320	58	1,187	1,109,153	2,561,220	5,685,889	3,124,609
Chittenden.....	52,098	74	3,844	3,231,948	8,824,500	16,175,564	7,351,064
Essex.....	6,490	10	691	733,332	2,819,041	4,994,891	2,175,850
Franklin.....	29,601	39	822	799,471	8,381,645	10,794,090	2,412,445
Grand Isle.....	3,802	3	6	5,207	69,328	86,725	17,397
Lamoille.....	11,028	27	461	332,353	886,502	1,614,278	727,776
Orange.....	17,048	28	447	381,057	941,131	1,826,799	885,668
Orleans.....	21,718	26	768	541,964	983,807	2,529,411	1,545,604
Rutland.....	45,635	103	2,513	2,474,054	3,686,110	8,604,043	4,917,933
Washington.....	41,546	165	2,277	2,990,177	4,496,689	10,698,879	6,202,190
Windham.....	27,850	59	1,955	1,694,829	6,013,956	9,839,040	3,825,084
Windsor.....	37,802	67	3,949	4,555,632	7,220,381	21,363,891	14,143,510
PLACES HAVING 10,000 OR MORE INHABITANTS							
Bartre.....	10,909	101	1,223	1,910,135	2,471,893	6,131,934	3,660,041
Burlington.....	37,686	50	1,720	1,350,709	4,893,671	9,232,666	4,338,995
Rutland.....	17,082	37	788	741,987	1,240,091	3,433,959	1,687,268

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.

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	26,782	29,542	Salaried officers and employees—Continued.		
Male.....	21,646	24,768	All other employees, etc.—Continued.		
Female.....	5,116	4,779	Engaged in manufacturing:		
Salaried officers and employees, total.....	3,807	3,019	Male.....	1,720	
Male.....	2,900	2,231	Female.....	667	
Female.....	907	788	Engaged in distribution:		
Salaried officers of corporations, total.....	372	494	Male.....	618	
Male.....	354	460	Female.....	215	(²)
Female.....	18	34	Engaged in construction:		
All other employees (except wage earners in manufacturing), total.....	3,435	2,525	Male.....	161	
Male.....	2,546	1,771	Engaged in other work:		
Female.....	889	754	Male.....	47	
			Female.....	7	
			Wage earners engaged in manufacturing, total.....	22,955	26,523
			Male.....	18,746	22,532
			Female.....	4,209	3,991

¹ See headnote.

² Figures do not include data for 554 proprietors and firm members for 1939 and 646 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.....	21,769	20,369	21,044	21,299	21,236	21,892	21,848	21,651	21,478	21,566	22,325	23,128	23,271
1937.....	23,682	23,453	23,934	24,606	24,886	24,913	24,918	24,446	24,001	23,625	23,323	21,679	20,401
1929.....	26,503	26,428	27,079	27,010	26,607	26,710	26,947	26,191	26,376	26,811	26,000	26,066	25,216

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

CENSUS OF MANUFACTURES: 1939

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.....	717	911	21,759	26,503	\$103,154,301	\$51,940,579
No wage earners.....	12	11			150,518	87,215
1 to 5.....	278	395	772	1,298	4,887,414	2,260,345
6 to 20.....	224	260	2,530	3,099	12,257,172	6,492,555
21 to 50.....	109	136	3,429	4,242	19,025,392	9,126,236
51 to 100.....	49	50	3,534	3,746	12,718,292	7,062,623
101 to 250.....	31	46	4,724	6,427	25,408,060	10,220,640
251 to 500.....	10	6	3,388	2,265	15,084,273	8,350,415
501 or more.....	4	7	3,382	5,426	13,553,180	8,404,552

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

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	717	911	21,759	26,503	\$103,154,301	\$140,331,504	\$51,940,579	\$75,221,290
\$5,000 to \$19,999.....	267	311	961	1,137	2,808,032	3,524,522	1,679,924	2,241,289
\$20,000 to \$49,999.....	165	224	1,499	1,803	5,284,870	7,457,546	2,899,700	4,271,881
\$50,000 to \$99,999.....	101	129	1,888	2,320	6,869,430	9,119,270	3,969,619	5,707,254
\$100,000 to \$249,999.....	104	134	4,314	4,650	17,039,303	20,855,617	9,309,896	12,141,593
\$250,000 to \$499,999.....	44	57	3,840	4,158	15,732,548	19,897,621	8,162,330	10,919,741
\$500,000 to \$999,999.....	21	33	3,890	3,578	15,403,244	21,625,168	7,129,256	11,381,174
\$1,000,000 to \$2,499,999.....	9	14	1,855	3,455	14,207,508	22,220,828	6,532,280	9,685,427
\$2,500,000 to \$4,999,999.....	4	8	3,712	5,402	25,749,366	35,621,932	12,257,574	18,872,350
\$5,000,000 and over.....	2	1						

¹ See headnotes to tables 3 and 4.² See GENERAL EXPLANATIONS—Value added by manufacture.³ Combined to avoid disclosing data for individual establishments.

VERMONT

1023

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.....	717	911	21,759	26,503	\$103,154,301	\$140,331,504	\$51,940,579	\$75,221,209
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	130	(⁴)	9,373	(⁴)	49,029,890	(⁴)	20,718,721	(⁴)
Independent (single-unit).....	218	(⁴)	8,968	(⁴)	41,019,748	(⁴)	24,146,643	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	61	(⁴)	685	(⁴)	3,598,214	(⁴)	1,435,065	(⁴)
Independent (single-unit).....	318	(⁴)	2,743	(⁴)	9,506,449	(⁴)	5,649,150	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	181	145	10,058	9,999	52,628,104	55,103,561	22,153,786	27,978,209
Independent (single-unit), corporate and noncorporate.....	536	766	11,701	16,504	50,526,197	85,227,943	29,786,793	47,243,000
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	348	411	18,331	21,516	90,049,638	118,520,085	44,865,364	63,056,161
Noncorporate, total.....	369	500	3,428	4,987	13,104,663	21,811,419	7,075,215	12,165,045
Individual.....	224	(⁴)	1,942	(⁴)	5,722,396	(⁴)	3,375,041	(⁴)
Partnership.....	137	(⁴)	1,458	(⁴)	6,956,861	(⁴)	3,611,304	(⁴)
Cooperative.....	7							
Other.....	1		28		425,406		88,870	

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Number of establishments	*Pro- pri- etors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distri- bution	Con- struction	Other
						Salaried employ- ees ²	Wage earners (average for year) ³			
1	All industries, total.....	717	554	25,560	372	2,337	21,759	833	161	54
2 12	Boot and shoe cut stock and findings.....	5	3	289	5	10	260	4	1	—
3 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	49	48	501	7	44	405	38	—	7
4 20	Brushes.....	3	1	167	3	13	141	10	—	—
5 1	Candy and other confectionery products.....	7	5	67	2	8	45	12	—	—
6 1	Canned and dried fruits and vegetables (including canned soups).....	5	2	67	4	6	57	—	—	—
7 1	Cheese.....	10	2	85	5	10	67	1	2	—
8 13	Concrete products.....	8	7	33	4	3	26	—	—	—
9 1	Condensed and evaporated milk.....	12	2	120	—	16	96	2	4	2
10 1	Creamery butter.....	15	6	49	2	10	35	1	—	1
11 9	Drugs and medicines (including drug grinding).....	6	2	42	6	5	24	7	—	—
12 1	Food preparations, not elsewhere classified.....	7	2	133	0	22	81	24	—	—
13 8	General commercial (job) printing.....	20	13	154	11	10	126	1	—	—
14 14	Gray-iron and semisteel castings.....	6	—	409	6	26	373	2	2	—
15 6	Household furniture except upholstered.....	12	2	1,022	14	76	860	56	9	7
16 1	Ice cream and ices.....	6	4	75	—	13	45	13	1	3
17 1	Ice, manufactured.....	4	1	14	—	1	9	4	—	—
18 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	3	7	63	2	8	50	3	—	—
19 3	Knitted underwear.....	3	—	904	10	66	774	54	—	—
20 13	Lime.....	7	3	186	4	14	100	8	—	—
21 5	Logging camps and logging contractors (not operating sawmills).....	3	4	46	—	—	46	—	—	—
22 17	Machine-shop products, not elsewhere classified.....	3	2	10	1	3	12	—	—	—
23 17	Machine-tool and other metalworking-machinery accessories, metal-cut- ting and shaping tools, and machinists' precision tools.....	3	—	190	4	17	145	22	—	2
24 17	Machine tools.....	4	—	2,323	16	400	1,720	101	81	5
25 13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	148	182	3,203	41	303	2,763	80	15	1
26 8	Newspapers: publishing and printing.....	27	19	500	20	145	287	48	—	—
27 1	Nonalcoholic beverages.....	12	8	65	10	7	29	19	—	—
28 7	Paper and paperboard mills.....	8	1	823	10	48	745	18	2	—
29 5	Planing mills not operated in conjunction with sawmills.....	11	11	188	5	12	162	6	—	18
30 5	Plywood mills.....	4	1	175	3	9	158	3	2	—
31 1	Poultry dressing and packing, wholesale.....	3	4	9	—	—	9	—	—	—
32 1	Prepared feeds (including mineral) for animals and fowls.....	19	19	313	5	26	250	32	—	—
33 7	Pulp mills.....	3	—	73	—	5	68	—	—	—
34 5	Sawmills, veneer mills, and cooperage-stock mills, including those com- bined with logging camps and with planing mills.....	101	99	1,780	24	79	1,608	7	2	—
35 15	Sheet-metal work not specifically classified.....	5	3	58	4	10	38	6	—	—
36 17	Special-industry machinery, not elsewhere classified.....	4	2	137	5	22	101	9	—	—
37 20	Sporting and athletic goods not elsewhere classified.....	4	2	154	1	12	140	—	1	—
38 14	Tools (except edge tools, machine tools, files, and saws).....	6	2	284	6	32	239	7	—	—
39 6	Wood products not elsewhere classified.....	53	57	1,412	18	117	1,241	22	12	2
40 3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	12	—	2,944	16	145	2,761	19	—	3
41 4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3	2	121	3	7	98	13	—	—
42	Other industries ⁴	131	61	6,967	105	668	5,919	240	27	8
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵										
43 3	Textile-mill products and other fiber manufactures.....	7	3	1,167	3	51	1,089	6	18	—
44 4	Apparel and other finished products made from fabrics and similar ma- terials.....	10	4	720	8	34	648	28	2	—
45 6	Furniture and finished lumber products.....	12	0	605	13	35	544	13	—	—
46 7	Paper and allied products.....	8	1	607	7	61	521	10	2	—
47 8	Printing, publishing, and allied industries.....	9	4	314	9	55	228	22	—	—
48 9	Chemicals and allied products.....	13	10	146	9	23	94	20	—	—
49 14	Iron and steel and their products, except machinery.....	4	—	76	6	15	53	1	—	—
50 17	Machinery (except electrical).....	12	4	1,065	10	142	897	9	4	2
51 1	Food and kindred products.....	31	21	441	15	41	320	62	—	3
52 5	Lumber and timber basic products.....	3	4	46	—	—	46	—	—	—
53 12	Leather and leather products.....	3	1	370	5	27	336	—	—	2
54 13	Stone, clay, and glass products.....	7	1	259	8	25	226	—	—	—
55 20	Miscellaneous industries.....	6	1	472	8	34	413	17	—	—
56 10	Products of petroleum and coal.....	1	—	—	—	—	—	—	—	—
57 11	Rubber products.....	1	—	—	—	—	—	—	—	—
58 15	Nonferrous metals and their products.....	2	1	680	4	125	504	46	1	—
59 16	Electrical machinery.....	1	—	—	—	—	—	—	—	—
60 18	Automobiles and automobile equipment.....	1	—	—	—	—	—	—	—	—

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

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

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

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

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined 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 †
Total †	Salaries of officers of corporations ‡	Manufacturing		Distri- bution	Con- struction	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work		
		Salaries ‡	Wages										
Dollars 20,199,244	Dollars 1,842,867	Dollars 4,197,946	Dollars 21,232,355	Dollars 1,618,805	Dollars 242,125	Dollars 65,146	Dollars 51,213,722	Dollars 47,713,937	Dollars 1,483,073	Dollars 1,467,086	Dollars 549,626	Dollars 163,154,301	Dollars 51,940,579
196,318	10,169	9,947	169,785	3,642	2,775		255,714	235,412	120	20,182		506,437	250,723
532,228	25,484	71,452	406,114	23,953		5,825	1,114,105	1,038,868	49,407	25,830		2,188,513	1,074,408
151,356	12,980	17,955	107,138	13,303			361,268	352,568	2,532	3,299	2,869	626,397	265,129
59,930	6,000	9,919	37,273	6,738			173,310	168,825	2,558	1,927		374,625	201,315
41,273	5,500	4,042	31,731				158,854	154,468	2,513	1,134	739	253,280	94,426
104,809	15,800	14,684	71,728		1,489	1,108	739,886	728,234	6,195	5,457		990,021	250,135
22,740	3,230	2,080	16,820				43,422	42,144	547	731		100,185	56,763
119,774		18,380	90,736				912,770	777,473	109,730	25,567		1,266,860	354,090
54,815	5,120	11,806	35,863		5,194	1,525	622,463	600,608	9,392	6,888	5,575	723,851	101,388
(9)	(9)	(9)	(9)	(9)		206	(9)	(9)	(9)	(9)		(9)	(9)
196,009	29,100	41,054	78,375	47,480			1,580,423	1,566,469	11,188	2,766		2,544,861	964,438
184,176	27,744	21,539	133,825	1,068			113,505	97,944	8,815	7,967	3,779	377,913	264,408
675,985	24,940	89,154	556,915	3,146	1,830		340,315	290,231	34,901	15,153		1,290,290	589,975
1,013,958	114,259	117,398	713,932	46,119	13,013	9,237	897,428	846,517	26,694	24,217		2,283,745	1,391,317
114,303		38,262	51,344	18,529	1,147	5,021	290,239	259,234	9,243	11,762		513,635	233,396
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)
868,967	87,500	108,414	592,086	30,367			1,272,522	1,228,920	31,763	11,830		2,216,119	943,597
187,301	6,967	18,011	154,765	6,540	418		260,484	95,627	135,087	28,294	1,476	609,766	349,282
(9)			(9)				(9)	(9)			(9)	(9)	(9)
15,904	260	3,365	12,279				10,774	9,229	717	588	240	46,289	35,515
240,561	30,350	22,910	151,458	32,228		3,615	130,316	112,644	6,482	11,190		609,490	479,174
4,080,661	276,375	908,005	2,817,722	431,518	143,072	12,879	2,984,938	2,828,821	35,387	78,727	42,003	11,617,917	8,632,979
4,444,872	97,369	451,504	3,740,763	126,610	27,846	780	4,138,525	3,499,201	77,762	301,450	260,112	11,054,897	6,916,372
677,302	73,591	195,106	331,617	76,988			219,100	185,886	9,992	18,000	5,222	1,379,705	1,160,605
68,323	16,595	6,036	20,453	25,239			133,248	126,360	3,208	3,680		311,721	178,473
1,101,881	58,339	107,699	888,826	43,480	3,670		4,470,669	3,919,092	355,886	194,102	1,529	7,282,053	2,811,384
174,291	14,240	21,013	114,825	9,695		14,488	293,188	279,488	4,254	9,446		595,684	302,496
149,847	16,656	16,277	109,343	5,950	2,621		155,005	148,711	2,273	4,021		350,662	195,057
4,649		4,649					38,417	37,780	417	250		49,925	11,508
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)
76,088		7,300	68,788				189,976	181,981	2,404	5,591		307,802	117,826
1,450,463	66,063	102,256	1,278,765	9,937	1,842		1,689,314	1,587,069	15,995	61,821	24,429	4,363,211	2,673,897
72,118	10,456	15,410	37,546	8,706			140,906	138,360	1,523	1,023		277,500	136,894
171,778	13,123	30,819	107,311	20,525			136,137	125,812	7,707	2,618		390,659	254,522
141,197	6,500	18,062	112,402		4,173		147,496	138,636	1,125	7,735		330,695	183,099
339,310	32,724	62,365	242,770	11,457			408,034	383,100	7,654	17,280		1,006,915	598,881
1,288,007	74,855	186,041	944,784	46,102	5,667	627	1,563,530	1,459,698	10,230	63,898	29,704	3,731,102	2,167,572
2,745,589	93,679	287,449	2,327,121	34,127		3,213	4,940,946	4,624,418	237,281	75,003	4,244	8,786,197	3,845,251
(9)	(9)	(9)	(9)	(9)			(9)	(9)	(9)	(9)		(9)	(9)
7,444,625	587,318	1,171,075	5,171,933	478,210	27,760	8,230	20,296,495	19,444,139	267,091	417,560	167,705	33,850,179	13,553,684
881,605	17,726	96,283	736,181	15,737	15,678		1,167,098	999,208	53,773	114,117		2,320,728	1,153,630
520,243	29,778	44,261	405,440	37,782	2,982		839,986	815,410	5,900	6,800	11,816	1,645,392	805,406
585,473	46,549	65,335	442,395	31,194			778,786	752,430	13,348	13,008		1,573,455	794,672
738,610	63,154	108,746	511,368	52,874	2,478		2,214,314	2,182,398	13,912	18,004		3,355,241	1,140,927
466,176	43,846	117,705	276,098	28,467			860,599	778,996	3,850	8,573	60,877	1,023,001	602,402
169,090	40,510	32,632	78,679	22,269			564,571	543,875	13,642	7,054		1,110,349	545,778
100,670	24,540	21,098	53,188	1,244			159,067	155,096	2,187	1,784		308,210	149,143
1,251,925	51,781	239,095	927,827	25,580	5,716	1,926	896,502	778,996	55,625	36,881		2,740,468	1,873,966
2,730,783	269,434	445,260	1,745,767	263,063	905	6,304	13,345,572	12,943,427	104,794	211,339	86,012	19,778,332	6,427,760

* Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
 * Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other Industries" figures.
 * For numbers of establishments and of wage earners in individual industries, see table 10.

CENSUS OF MANUFACTURES: 1939

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

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	717	157	.....	22	10	119	77	19	56	13	1	1	8	170	16	7	1	26	1	.....	13
Addison.....	21	3	.....	.....	6	6	.....	2	.....	.....	.....	.....	.....	3	.....	.....	1	.....	.....	.....	.....
Bennington.....	37	5	.....	5	1	3	7	3	5	1	.....	.....	1	1	2	.....	.....	.....	.....	.....	3
Caledonia.....	58	16	.....	.....	13	4	2	4	2	.....	.....	.....	11	.....	.....	2	.....	3	.....	.....	1
Chittenden.....	74	33	.....	2	1	4	9	1	8	4	.....	.....	1	4	2	1	.....	2	1	.....	1
Essex.....	10	2	.....	.....	2	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Franklin.....	39	18	.....	.....	4	1	2	4	1	.....	.....	.....	.....	2	2	2	.....	2	.....	.....	1
Grand Isle.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lamoille.....	27	5	.....	1	1	8	8	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1
Orange.....	28	6	.....	.....	10	7	1	1	1	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Orleans.....	26	4	.....	.....	1	10	5	2	2	1	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....
Rutland.....	103	25	.....	.....	5	11	1	1	5	2	1	.....	.....	41	3	1	.....	5	.....	.....	2
Washington.....	165	21	.....	2	17	7	.....	12	12	.....	.....	.....	4	99	4	.....	.....	3	.....	.....	.....
Windham.....	59	9	.....	1	12	12	5	6	6	1	.....	.....	.....	2	1	.....	.....	2	.....	.....	3
Windsor.....	67	7	.....	11	19	8	.....	6	.....	.....	.....	.....	1	5	2	1	.....	6	.....	.....	1

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

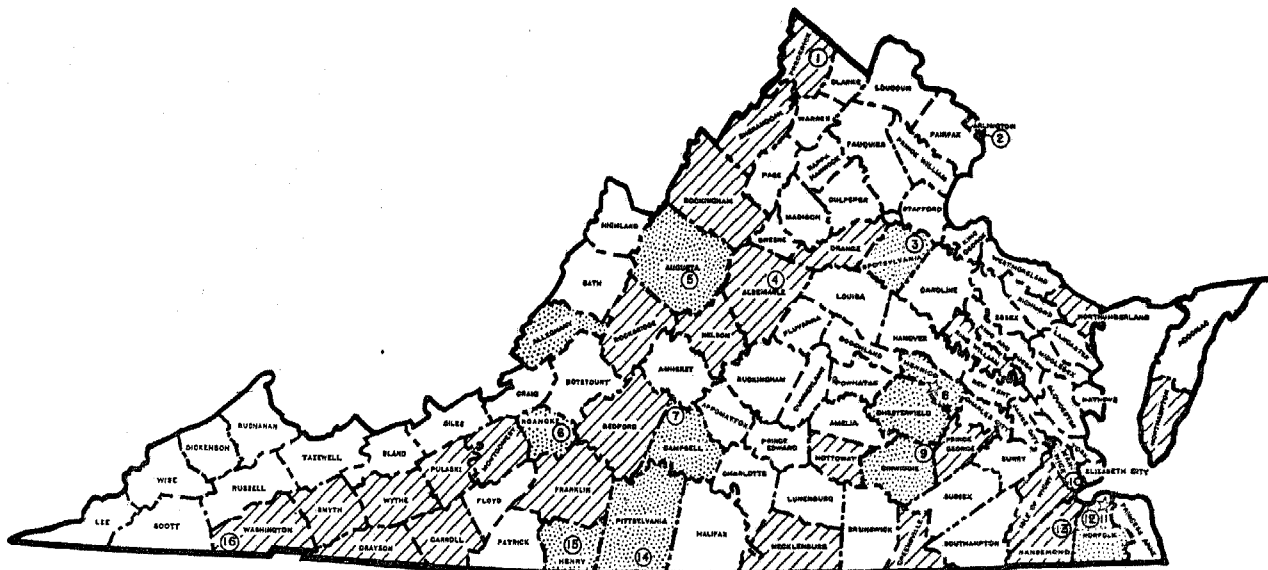
(In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld)

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
STATE OF VERMONT				STATE OF VERMONT—Continued			
1	Biscuit, crackers, and pretzels.....	1	.....	8	Books: printing without publishing.....	2	.....
	Cereal preparations.....	1	.....		Books: publishing and printing.....	1	.....
	Custom slaughtering, wholesale.....	1	.....		Books: publishing without printing.....	2	.....
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1	.....		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1	.....
	Flour and other grain-mill products.....	1	.....		Machine and hand typesetting (including advertisement typesetting).....	1	.....
	Ice, manufactured.....	4	9		Periodicals: publishing and printing.....	1	.....
	Liquors, rectified or blended.....	1	.....		Photoengraving, not done in printing establishments (including preparation of plates).....	1	.....
	Meat packing, wholesale.....	2	.....	9	Cleaning and polishing preparations, blackings, and dressings.....	1	.....
	Prepared feeds (including mineral) for animals and fowls.....	19	250		Drugs and medicines (including drug grinding).....	6	24
2	Cotton broad woven goods.....	2	.....		Fertilizers.....	1	.....
	Hosiery—seamless.....	2	.....		Grease and tallow (except lubricating greases).....	1	.....
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	.....		Insecticides, fungicides, and related industrial and household chemical compounds.....	3	50
	Processed waste and recovered wool fibers—contract factories.....	1	.....		Paints, varnishes, and lacquers.....	1	.....
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	1	.....	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	.....
4	Canvas products (except bags).....	1	.....	11	Rubber products not elsewhere classified.....	1	.....
	House dresses, uniforms, and aprons—made in contract factories.....	1	.....	12	Footwear (except rubber).....	1	.....
	Housefurnishings (except curtains, draperies, and bedspreads).....	1	.....		Leather goods not elsewhere classified.....	1	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	2	.....		Leather: tanned, curried, and finished—contract factories.....	2	.....
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	.....	13	Brick and hollow structural tile.....	1	.....
	Women's and misses' dresses (except house dresses)—made in contract factories.....	1	.....		Minerals and earths, ground or otherwise treated.....	5	190
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	3	98	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	.....
5	Logging camps and logging contractors (not operating sawmills).....	3	46		Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	1	.....
6	Baskets for fruits and vegetables.....	1	.....		Power boilers and associated products.....	1	.....
	Caskets, coffins, burial cases, and other morticians' goods.....	1	.....	15	Nonferrous-metal foundries (except aluminum).....	2	.....
	Cooperage.....	1	.....	16	Automotive electrical equipment.....	1	.....
	Mattresses and bedsprings.....	2	.....	17	Agricultural machinery (except tractors).....	1	.....
	Public-building furniture.....	1	.....		Commercial laundry, dry-cleaning, and pressing machinery.....	1	.....
	Venetian blinds.....	1	.....		Construction and similar machinery (except mining and oil-field machinery and tools).....	1	.....
	Window and door screens and weather strip.....	2	.....		Food-products machinery.....	1	.....
	Window shades.....	1	.....		Industrial machinery, not elsewhere classified.....	1	.....
	Wooden boxes except cigar boxes.....	2	.....		Machine-shop repairs.....	1	.....
7	Coated and glazed paper.....	2	.....		Metalworking machinery and equipment, not elsewhere classified.....	1	.....
	Converted paper products not elsewhere classified.....	1	.....		Pumping equipment and air compressors.....	2	.....
	Fiber cans, tubes, and similar products.....	1	.....		Scales and balances.....	1	.....
	Paper bags, except those made in paper mills.....	2	.....	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	.....
	Paperboard containers and boxes not elsewhere classified.....	2	.....	20	Brooms.....	1	.....
					Miscellaneous fabricated products not elsewhere classified.....	2	.....
					Needles, pins, hooks and eyes, and slide and snap fasteners.....	1	.....
					Organs.....	1	.....
					Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	.....

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

VIRGINIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1930



KEY TO PLACES

ALEXANDRIA	2	NORFOLK	11
BRISTOL	16	PETERSBURG	9
CHARLOTTESVILLE	4	PORTSMOUTH	12
DANVILLE	14	RICHMOND	8
FREDERICKSBURG	3	ROANOKE	6
LYNCHBURG	7	STAUNTON	5
MARTINSVILLE	15	SUFFOLK	13
NEWPORT NEWS	10	WINCHESTER	1

- UNDER 500 WAGE EARNERS
- 500 TO 2,499 WAGE EARNERS
- 2,500 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

VIRGINIA

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	2, 670	1, 674	145, 831	\$142, 881, 909	\$609, 325, 191	\$988, 813, 246	\$379, 488, 055
1937	2, 384	1, 392	144, 434	138, 162, 108	572, 374, 499	908, 222, 316	335, 847, 817
1929	3, 185	2, 308	116, 281	124, 388, 414	338, 717, 090	691, 127, 823	352, 410, 133

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

[In the cases of those counties within which independent cities are located (indicated by asterisks), combined figures are given for the county and the independent city or cities located therein]

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
The State	2, 677, 773	2, 570	133, 894	\$115, 538, 622	\$609, 325, 191	\$988, 813, 246	\$379, 488, 055
COUNTIES* :							
Accomack	33, 030	32	347	155, 017	662, 175	1, 080, 832	418, 057
Albemarle and Charlottesville City*	44, 052	48	1, 234	873, 707	3, 103, 111	5, 308, 689	2, 205, 578
Alleghany and Clifton Forge City*	29, 149	28	2, 891				
Amelia	8, 495	10	86	31, 954	21, 945	87, 040	65, 095
Amherst	20, 273	3	68				
Appomattox	9, 020	8	150	60, 618	125, 792	244, 020	118, 225
Arlington and Alexandria City*	90, 553	49	1, 041	997, 755	2, 696, 342	5, 791, 853	3, 095, 511
Augusta and Staunton City*	56, 109	69	5, 183	4, 863, 153	12, 431, 300	27, 881, 620	14, 950, 200
Bath	7, 191	2					
Bedford	29, 087	47	1, 126				
Bland	6, 731	3	273				
Botetourt	16, 447	12	498	321, 432	616, 906	1, 332, 556	715, 630
Brunswick	19, 575	23	261	107, 691	141, 820	502, 175	360, 355
Buchanan	31, 477	5	53	46, 018	72, 148	178, 096	100, 948
Buckingham	13, 898	6	207				
Campbell and Lynchburg City*	70, 589	83	9, 461	7, 634, 752	20, 694, 981	37, 018, 169	16, 323, 138
Caroline	13, 945	26	226	111, 002	271, 718	488, 873	217, 155
Carroll	25, 904	16	1, 598	1, 110, 498	3, 525, 959	6, 150, 645	2, 024, 686
Charles City	4, 275	5	85	43, 950	128, 380	239, 843	111, 463
Charlotte	15, 561	16	106	46, 209	124, 170	285, 510	164, 340
Chesterfield	31, 183	36	3, 636				
Clarke	7, 159	6	61	88, 518	203, 016	310, 244	107, 223
Craig	3, 769	1					
Culpeper	13, 385	14	266	149, 500	456, 981	773, 147	316, 216
Cumberland	7, 505	9	72	25, 078	24, 334	74, 953	50, 619
Dickenson	21, 266	2					
Dinwiddie and Petersburg City*	48, 797	53	4, 683				
Elizabeth City and Hampton City*	33, 181	11	84	72, 403	254, 503	575, 492	320, 989
Essex	7, 606	12	127	62, 636	199, 891	344, 151	144, 260
Fairfax	40, 929	5	449				
Fauquier	21, 039	10	57	44, 946	261, 998	21, 166	159, 168
Floyd	11, 967	12	216	92, 842	216, 584	478, 256	261, 672
Fluvanna	7, 088	5	56	24, 257	44, 544	89, 184	44, 640
Franklin	25, 864	16	589	317, 651	1, 333, 264	2, 475, 070	1, 141, 806
Frederick and Winchester City*	26, 103	48	2, 348	1, 673, 499	4, 781, 558	8, 762, 022	4, 030, 464
Giles	14, 635	7					
Gloucester	9, 548	6	108				
Goochland	8, 454	5	44	25, 782	39, 749	97, 811	58, 062
Grayson	21, 916	10	123	46, 429	111, 761	193, 257	81, 506
Greene	5, 218	7	960				
Greensville	14, 866	20	956	636, 638	1, 178, 957	2, 696, 198	1, 517, 241
Halifax	41, 271	36	478	305, 543	662, 787	1, 449, 690	786, 903
Hanover	18, 500	31	358	189, 446	476, 811	867, 151	390, 340
Henrico and Richmond City*	235, 092	343	18, 640	18, 520, 576	265, 146, 907	376, 311, 183	111, 164, 276
Henry and Martinsville City*	36, 561	48	7, 639	5, 430, 045	15, 703, 707	29, 944, 951	14, 241, 244
Highland	4, 875	10	92	50, 507	106, 874	233, 880	127, 008
Isle of Wight	13, 331	20	991	773, 949	3, 937, 953	6, 433, 743	2, 495, 785
James City and Williamsburg City*	8, 849	9	77	53, 351	81, 622	222, 732	141, 110
King and Queen	6, 654	7	115				
King George	5, 431	2					
King William	7, 555	10	715				
Lancaster	8, 786	25	217	89, 543	371, 454	567, 114	195, 660
Lee	39, 296	1					
Loudoun	20, 291	12	72	49, 745	938, 324	1, 111, 407	173, 683
Louisa	13, 665	34	418	152, 958	421, 431	662, 318	240, 887

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 prod- ucts ⁴	Value added by manufacture ⁵
COUNTIES* 1—continued							
Lunenburg.....	13,844	18	228	\$114,782	\$491,122	\$815,458	\$324,336
Madison.....	8,465	9	82	44,864	105,490	233,355	127,868
Mathews.....	7,149	7	24				
Mecklenburg.....	31,933	43	874	460,809	1,344,474	2,461,805	1,117,181
Middlesex.....	6,673	8	111	52,483	219,575	375,203	125,628
Montgomery and Radford City*	28,196	26	1,047	1,415,325	5,236,334	8,282,057	3,045,723
Nansemond and Suffolk City*	34,114	56	2,402	1,273,959	5,621,721	9,698,040	4,076,319
Nelson.....	16,241	7	569				
New Kent.....	4,092	10	78	35,132	78,876	166,908	88,032
Norfolk, and Norfolk, Portsmouth, and South Norfolk Cities*	238,943	266	9,955	8,896,988	60,671,556	91,756,125	31,084,569
Northampton.....	17,597	20	824	261,850	1,551,082	2,249,543	698,461
Northumberland.....	10,463	25	707	414,647	877,147	1,543,392	666,245
Nottoway.....	16,556	25	530	277,510	1,091,175	1,919,838	828,603
Orange.....	12,649	16	682	448,247	2,140,496	3,062,972	922,476
Page.....	14,893	18	390	201,978	917,285	1,353,083	435,798
Patrick.....	16,613	5	85	40,180	93,021	195,083	102,062
Pittsylvania and Danville City*	94,446	44	10,060				
Powhatan.....	5,671	12	116	57,414	80,834	171,562	120,748
Prince Edward.....	14,922	14	442	219,048	686,790	1,141,597	454,807
Prince George and Hopewell City*	20,905	17	1,781	2,069,459	14,814,540	31,788,781	16,074,241
Princess Anne.....	19,984	8	36	49,408	36,216	160,470	124,254
Prince William.....	17,738	7	61	42,278	231,829	408,141	176,312
Pulaski.....	22,767	24	2,235	1,721,295	4,395,084	7,814,357	3,419,273
Rappahannock.....	7,208	5	42	14,382	14,346	35,625	21,279
Richmond.....	6,634	11	116	35,016	170,401	263,516	93,115
Roanoke and Roanoke City*	112,184	105	7,754	8,098,789	20,404,428	39,330,925	18,935,497
Rockbridge and Buena Vista City*	26,719	30	1,367	1,043,805	7,344,874	11,827,276	3,982,402
Rockingham and Harrisonburg City*	40,087	53	1,514	980,318	5,493,700	7,926,618	2,432,915
Russell.....	26,827	4	29				
Scott.....	26,989	2					
Shenandoah.....	20,898	35	529	321,709	681,046	1,443,446	762,400
Smyth.....	28,861	24	2,100	1,695,169	3,817,192	8,588,310	5,271,118
Southampton.....	26,442	16	184	89,904	446,933	749,098	302,765
Spotsylvania and Fredericksburg City*	19,971	27	2,666	2,845,833	6,599,711	13,317,621	6,747,910
Stafford.....	9,548	1					
Surry.....	6,193	8	123	56,267	66,777	174,306	107,529
Sussex.....	12,485	19	424	209,952	283,622	703,855	419,533
Tazewell.....	41,607	25	342	226,856	493,155	1,134,974	641,819
Warren.....	11,852	14	420	302,999	1,140,555	2,044,101	908,546
Warwick and Newport News City*	46,315	32	8,129				
Washington and Bristol City*	47,965	49	1,798	1,356,722	5,042,334	9,055,778	4,013,444
Westmoreland.....	9,512	14	162	35,664	245,459	382,452	136,993
Wise.....	52,453	18	387	275,000	756,522	1,348,587	592,065
Wythe.....	22,721	17	1,067	805,484	2,515,969	5,028,368	2,512,399
York.....	8,837	3	16				
Undistributed ⁷		321	34,671	34,291,069	112,131,558	199,168,656	87,037,098
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alexandria.....	33,523	21	368	341,764	1,271,690	2,317,804	1,046,105
Bristol, Virginia and Tennessee, total.....	23,772	55	3,175	2,284,871	8,683,158	13,917,115	5,233,967
Bristol, Va.....	9,795	33	1,395	1,052,273	3,722,583	6,203,572	2,480,989
Bristol, Tenn.....	14,004	22	1,780	1,232,598	4,960,575	7,713,543	2,752,968
Charlottesville.....	19,400	32	993	693,941	2,631,226	4,448,407	1,817,181
Danville.....	32,749	32	969				
Fredericksburg.....	10,066	19	1,129				
Lynchburg.....	44,541	68	7,490	5,974,461	13,866,484	25,481,871	12,615,387
Martinsville.....	10,080	23	3,334	2,451,218	7,299,915	12,652,627	5,352,709
Newport News.....	37,067	28	7,974				
Norfolk.....	144,332	181	5,181	5,331,991	37,669,552	56,281,223	18,081,671
Petersburg.....	30,631	45	4,457				
Portsmouth.....	50,745	40	1,516	1,093,345	7,578,293	11,108,180	3,529,867
Richmond.....	193,042	326	18,326	18,085,109	263,404,110	373,146,751	109,742,641
Roanoke.....	69,287	76	2,404				
Salem.....	13,337	20	781	620,702	1,207,806	2,756,633	1,543,067
Staunton.....	11,343	31	1,610	871,619	4,761,803	8,170,950	3,419,647
Suffolk.....	12,095	31	1,906	1,361,670	4,048,906	7,393,085	3,344,179
Winchester.....							

*See headnote.

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 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	167,801	116,249	Salaried officers and employees—Continued.		
Male.....	120,940	87,556	All other employees, etc.—Continued.		
Female.....	46,861	28,693	Engaged in manufacturing:		
Salaried officers and employees, total.....	18,361	10,088	Male.....	7,888	
Male.....	14,827	8,090	Female.....	2,437	
Female.....	3,534	1,998	Engaged in distribution:		
Salaried officers of corporations, total.....	1,612	1,559	Male.....	4,410	
Male.....	1,498	1,496	Female.....	920	(9)
Female.....	114	63	Engaged in construction:		
All other employees (except wage earners in manufac- turing), total.....	16,749	8,529	Male.....	685	
Male.....	13,329	6,594	Engaged in other work:		
Female.....	3,420	1,935	Male.....	337	
			Female.....	63	
			Wage earners engaged in manufacturing, total.....	140,440	106,161
			Male.....	106,113	79,496
			Female.....	43,327	26,665

¹ See headnote.

² Figures do not include data for 1,674 proprietors and firm members for 1939 and 2,308 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.....	133,894	122,957	125,071	128,276	130,307	129,399	129,422	133,289	139,084	145,179	144,761	140,874	137,215
1937.....	132,643	127,226	129,774	133,155	135,444	135,220	134,344	134,752	140,141	140,325	133,492	126,223	121,620
1929.....	106,193	99,004	101,808	104,167	106,757	105,297	106,212	107,697	111,138	114,054	111,600	106,473	100,120

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 (AVER- AGE FOR YEAR) ¹		VALUE OF PROD- UCTS	VALUE ADDED BY MANUFAC- TURE ¹
	1939	1929	1939	1929	1939	1939
All establishments.....	2,579	3,185	133,894	106,193	\$988,813,246	\$379,488,055
No wage earners.....	44	58			833,701	379,437
1 to 5.....	892	1,784	2,591	6,010	22,010,027	10,879,577
6 to 20.....	925	734	10,205	7,014	50,805,261	24,262,058
21 to 50.....	312	275	9,890	8,867	59,388,065	23,815,374
51 to 100.....	161	138	11,192	9,818	66,846,504	24,622,134
101 to 250.....	137	118	21,568	18,998	101,965,350	47,625,533
251 to 500.....	66	53	22,875	17,479	102,195,945	42,083,889
501 to 1,000.....	28	14	10,841	8,762	190,730,435	69,837,584
1,001 to 2,500.....	9	6	12,301	7,772	300,851,979	80,755,626
2,501 or more.....	5	5	28,431	20,583	93,185,280	50,218,843

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	2,579	3,185	133,804	106,193	\$968,813,246	\$691,127,823	\$379,468,055	\$352,410,133
\$5,000 to \$19,999.....	1,011	1,584	5,501	5,889	11,203,366	15,877,259	6,400,394	8,918,111
\$20,000 to \$49,999.....	580	621	5,530	5,079	16,943,768	19,776,321	9,172,008	10,646,006
\$50,000 to \$99,999.....	284	396	4,606	5,502	20,387,149	24,271,618	10,492,090	12,265,106
\$100,000 to \$249,999.....	336	297	11,077	10,336	52,742,494	47,032,712	24,302,850	24,227,290
\$250,000 to \$499,999.....	179	146	14,264	10,177	63,238,411	51,342,002	28,613,464	23,010,433
\$500,000 to \$999,999.....	107	91	15,403	12,490	75,270,850	66,325,685	31,356,285	28,056,279
\$1,000,000 to \$2,499,999.....	88	81	26,279	20,705	133,744,989	122,768,068	53,547,828	53,940,892
\$2,500,000 to \$4,999,999.....	21	10	10,262	4,191	70,139,404	32,722,661	28,206,381	11,807,629
\$5,000,000 and over.....	23	19	40,972	31,824	545,142,809	311,011,477	187,396,155	179,543,927

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.....	2,579	3,185	133,804	106,193	\$968,813,246	\$691,127,823	\$379,468,055	\$352,410,133
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	600	(⁴)	82,693	(⁴)	770,622,211	(⁴)	276,583,401	(⁴)
Independent (single-unit).....	784	(⁴)	38,681	(⁴)	173,035,435	(⁴)	84,368,448	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	175	(⁴)	3,081	(⁴)	10,814,195	(⁴)	4,372,405	(⁴)
Independent (single-unit).....	1,070	(⁴)	9,499	(⁴)	24,341,405	(⁴)	15,168,801	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	775	438	85,774	56,860	781,436,406	436,371,952	279,955,806	236,316,836
Independent (single-unit) corporate and noncorporate.....	1,604	2,747	48,120	49,343	207,376,840	254,755,871	99,532,249	116,093,297
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	1,334	1,214	121,374	93,962	943,657,646	639,872,267	359,946,849	328,563,248
Noncorporate, total.....	1,245	1,971	12,520	12,211	45,155,600	51,255,556	19,541,206	23,856,885
Individual.....	846	(⁴)	6,938	(⁴)	21,698,633	(⁴)	10,065,939	(⁴)
Partnership.....	387	(⁴)	5,426	(⁴)	21,827,654	(⁴)	9,000,836	(⁴)
Cooperative.....	8							
Other.....	4		166		1,629,313		474,431	

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total.....	2,579	1,674	152,255	1,612	10,325	133,894	5,339	685	400
2	17 Agricultural machinery (except tractors).....	10	1	348	11	24	302	11		
3	6 Baskets for fruits and vegetables.....	6	1	795	8	18	764	5		
4	10 Beehive coke.....	4		218	1	13	203	1		
5	1 Biscuit, crackers, and pretzels.....	3	1	343	4	32	264	53		
6	19 Boat building and boat repairing.....	6	6	100	4	4	92			
7	8 Bookbinding and related industries.....	6	8	151	3	12	136			
8	8 Books: printing without publishing.....	5	4	99	5	17	73	4		
9	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	131	118	2,596	50	174	2,114	232	14	12
10	13 Brick and hollow structural tile.....	30	9	1,800	28	51	1,182	25	14	
11	20 Brooms.....	3	7	39		3	36			
12	1 Candy and other confectionery products.....	20	12	927	16	30	847	29		5
13	1 Canned and dried fruits and vegetables (including canned soups).....	109	120	2,644	24	137	2,336	44	3	
14	1 Canned fish, crustacea, and mollusks.....	3	3	19			19			
15	4 Canvas products (except bags).....	5	3	52	4	5	32	6	5	
16	6 Caskets, coffins, burial cases, and other morticians' goods.....	11	8	115	13	10	83	9		
17	14 Cast-iron pipe and fittings.....	3		824	4	49	760	11		
18	9 Chemicals not elsewhere classified.....	14		3,018	7	452	2,430	61	65	3
19	4 Children's dresses—made in contract factories.....	3	1	141	3	5	133			
20	2 Cigarettes.....	6		7,523		453	6,736	242	6	80
21	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	9		172	3	24	101	34	10	
22	13 Concrete products.....	35	26	608	23	33	498	52		
23	1 Condensed and evaporated milk.....	6		140	2	24	99	7	3	5
24	1 Cooking and other edible fats and oils, not elsewhere classified.....	4		201		40	155		4	2
25	6 Cooperage.....	37	26	381	8	14	359	5		
26	3 Cotton broad woven goods.....	10		12,761	15	366	12,295	83		2
27	1 Creamery butter.....	24	2	227	6	45	108	66	1	1
28	1 Cured fish.....	4	3	41		1	40			
29	1 Custom slaughtering, wholesale.....	3		46	4	5	27		10	
30	9 Drugs and medicines (including drug grinding).....	9	2	161	19	33	62	36		1
31	3 Dyeing and finishing cotton, rayon, silk, and linen textiles.....	5		768	6	56	688	6	12	
32	6 Excelsior.....	18	26	176		8	163			5
33	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	18	7	934	21	142	742	26		3
34	9 Fertilizers.....	43	6	2,385	22	189	1,869	285	20	
35	9 Fish and other marine oils, cake, and meal.....	9		491	12	11	468			
36	1 Flavoring extracts and flavoring sirups, not elsewhere classified.....	8	3	230	12	19	162	37		
37	1 Flour and other grain-mill products.....	155	172	957	44	109	666	126	5	7
38	1 Food preparations, not elsewhere classified.....	11	8	173	6	13	121	32		1
39	17 Food-products machinery.....	6	6	40		6	32	2		
40	12 Footwear (except rubber).....	5		3,336	13	244	3,076	3		
41	8 General commercial (job) printing.....	111	71	1,393	84	167	1,055	86	1	
42	14 Gray-iron and cast-steel castings.....	26	13	677	19	39	613	6		
43	9 Grease and tallow (except lubricating greases).....	5	2	164	9	12	142	1		
44	3 Hosiery—full-fashioned.....	23	2	3,040	24	132	2,866	18	5	1
45	3 Hosiery—seamless.....	11	4	2,483	10	67	2,399	7		
46	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	3	2	145	2	10	131	2		
47	6 Household furniture, except upholstered.....	35	10	8,620	69	399	7,984	161	10	
48	1 Ice cream and ices.....	39	19	610	13	40	238	217	13	30
49	1 Ice, manufactured.....	98	29	974	47	109	364	440		14
50	12 Industrial leather baling and packing leather.....	4	3	43	2	2	30			
51	17 Industrial machinery, not elsewhere classified.....	10	1	228	16	46	152	8	4	2
52	9 Insecticides, fungicides, and related industrial and household chemical compounds.....	6	1	31	7	5	15	2		2
53	3 Jute goods (except felt).....	3	3	215	6	8	201			
54	3 Knitted underwear.....	8		1,634	15	70	1,549	3		
55	12 Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	7	2	469	2	25	442			
56	13 Lime.....	20	6	1,079	26	64	916	35	38	
57	1 Liquors, distilled.....	4	1	49	2	9	35	3		
58	1 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3		200	10	26	234	20		
59	5 Logging camps and logging contractors (not operating sawmills).....	9	10	270		3	267			
60	8 Machine and hand typesetting (including advertisement typesetting).....	4	4	17	1	1	15			
61	17 Machine-shop products, not elsewhere classified.....	10	2	190	16	25	142	7		
62	17 Machine-shop repairs.....	27	27	276	17	24	233	2		
63	1 Malt liquors.....	4		156	6	13	85	47	6	
64	6 Mattresses and bedsprings.....	14	12	241	15	37	187	30		2
65	1 Meat packing, wholesale.....	26	22	1,376	26	104	952	293	1	
66	4 Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	6	2	1,170	5	28	1,134	2		1
67	4 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	7	1	2,373	10	91	2,271	1		
68	4 Millinery.....	4	1	285	8	14	231	32		
69	13 Minerals and earths, ground or otherwise treated.....	4	2	148	3	7	96	6	36	
70	13 Mirrors and other glass products made of purchased glass.....	7		310	11	21	273	5		
71	4 Miscellaneous fabricated textile products not elsewhere classified.....	3		43	1	7	31	3		1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

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

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture	
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
152,591,579	7,646,749	19,696,638	115,638,022	8,434,908	853,670	421,092	609,325,191	590,635,498	11,074,673	6,101,313	1,513,807	988,813,246	379,488,055	1
323,821	34,805	48,974	228,621	13,421			278,097	247,819	21,844	7,834		866,065	589,068	2
407,798	32,142	35,247	328,298	11,013			389,447	374,664	4,280	10,533		903,456	514,012	3
170,659	1,980	16,700	149,279	2,700			445,171	427,812	7,605	9,754		646,060	201,495	4
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	5
92,013	6,066	3,381	82,568				40,801	37,703	200	1,152	1,246	174,177	133,876	6
178,000	27,000	29,254	121,886				79,050	73,493	1,850	3,504	203	318,942	239,892	7
130,804	18,080	31,080	78,084	3,560			74,993	64,420	1,614	2,957	6,002	261,132	186,139	8
2,925,070	205,315	286,635	2,194,663	212,265	19,173	6,989	5,834,859	5,566,832	161,616	106,411		12,193,874	6,359,015	9
1,081,274	78,991	80,110	861,383	40,728	20,062		855,602	228,442	538,630	89,030		2,788,022	1,932,520	10
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	11
642,203	48,587	70,320	467,016	51,194	157	4,029	3,834,546	3,774,445	27,269	32,832		6,281,879	2,397,333	12
1,024,332	98,115	118,844	731,680	69,101	6,592		4,649,024	4,547,901	78,286	21,827	1,010	6,455,806	1,806,582	13
4,750			4,750				16,967	16,632		115		28,748	11,781	14
54,677	9,160	5,110	27,983	9,224	3,200		93,752	92,939	175	638		192,957	99,205	15
132,756	38,884	15,084	65,314	13,474			247,890	241,750	2,001	4,104	25	440,954	193,074	16
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	17
4,506,928	42,670	1,274,718	3,039,769	85,423	47,856	16,492	13,887,441	11,040,919	2,055,493	761,029		33,554,440	19,668,999	18
63,827	1,250	5,600	56,977				4,090	1,250		2,100		87,847	83,757	19
8,518,922		1,058,791	6,900,491	453,539	13,982	86,119	253,837,881	253,440,605	136,394	131,590	129,292	333,176,943	79,338,062	20
302,140	63,600	52,041	126,229	54,270	6,000		293,316	212,144	6,463	74,709		1,148,332	856,016	21
666,897	101,328	55,227	407,172	93,170			1,473,799	1,415,711	36,874	21,514		2,899,494	1,425,095	22
149,677	8,595	38,022	84,200	8,594	4,210	5,816	1,394,250	1,345,935	25,728	12,857		1,091,642	307,392	23
277,672		77,035	191,117	1,718	6,293	1,509	5,155,825	5,102,615	28,509	24,701		6,084,280	928,455	24
209,838	5,160	19,980	180,948	3,770			462,423	451,985	8,425	2,009		871,631	469,208	25
9,373,642	155,659	623,257	8,548,281	244,347		2,068	12,296,794	11,437,828	439,287	399,672		31,871,947	19,575,213	26
248,065	23,132	54,405	89,719	79,371	1,208	770	1,377,544	1,331,945	16,479	29,120		1,772,627	394,983	27
9,022		6,260	3,772				76,225	74,815	1,267	120		106,706	30,481	28
60,70	11,130	6,237	35,065		7,738		11,495	3,500	4,329			32,217	40,722	29
204,444	80,369	51,994	64,918	76,425		738	360,918	356,688	2,037	2,173		1,516,476	1,155,558	30
742,833	44,676	112,584	540,101	23,973	21,500		721,044	568,466	114,993	37,686		2,016,161	1,295,117	31
100,804		8,668	95,307			5,829	182,427	177,242	4,540	645		381,136	198,709	32
1,206,258	74,946	204,721	783,066	50,555		2,970	2,816,390	2,746,428	32,092	36,544	1,326	4,931,364	2,114,974	33
2,318,525	147,739	320,006	1,296,277	536,493	18,010		13,797,117	13,615,113	50,350	131,654		19,377,213	5,580,096	34
377,082	23,900	10,013	343,169				585,089	469,759	111,628	2,837	865	1,076,297	491,208	35
333,173	95,867	32,196	111,860	93,760			1,081,872	1,070,410	5,711	5,751		1,890,418	808,546	36
1,041,158	106,154	150,449	547,389	165,582	6,478	5,106	11,537,507	11,368,961	35,338	133,208		14,338,289	2,800,752	37
124,591	25,375	10,073	59,244	28,275		624	782,661	767,406	8,753	6,602		1,068,022	285,361	38
83,390		7,022	23,608	2,700			35,293	33,797		1,126		102,910	67,617	39
1,886,127	251,757	230,455	1,212,494	189,309	2,112		1,797,656	1,673,666	19,639	45,916	58,435	4,894,202	3,096,546	40
749,041	58,480	73,414	607,263	9,884			847,795	740,577	84,759	21,565	894	2,121,183	1,273,383	41
228,753	66,600	121,626	136,034	4,403			586,214	555,193	22,703	8,318		930,366	844,162	42
2,858,484	134,570	237,546	2,387,617	86,779	10,932	1,040	3,987,339	3,771,013	22,737	77,617	116,072	7,902,890	3,915,466	43
1,765,531	43,061	123,961	1,675,209	23,300			2,243,337	2,242,337	25,694	26,663		4,710,660	2,416,626	44
81,377	5,530	8,655	62,336	4,856			163,765	161,906	340	1,519		252,949	89,184	45
7,510,022	362,160	681,856	5,801,260	661,476	3,870		15,604,702	15,366,178	101,544	136,376	804	29,462,136	13,557,434	46
641,427	44,822	62,886	223,315	248,798	16,887	44,719	2,250,117	2,125,945	22,700	98,069		4,164,632	1,914,815	47
1,046,260	151,088	149,704	363,074	371,677	5,161	5,558	782,177	769,782	59,475	399,672		3,079,095	2,326,918	48
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	49
419,426	92,783	107,672	193,533	21,842	2,675	1,020	502,005	487,844	3,664	7,647	3,350	1,292,239	790,234	50
63,470	27,888	6,576	11,260	3,300		4,446	98,553	92,794	2,339	834	2,586	184,391	85,838	51
137,891	23,200	12,990	101,701				216,776	203,936	846	11,994		495,306	278,530	52
1,212,362	142,440	112,907	954,115	2,900			2,765,865	2,717,841	19,046	28,978		4,418,069	1,652,204	53
480,505	12,000	51,501	417,004				2,905,632	2,905,632	43,573	14,514		4,247,393	1,283,674	54
794,391	74,513	79,770	681,657	37,070	21,381		1,021,233	679,001	249,967	92,265		2,162,657	1,141,424	55
48,076	5,420	15,120	24,789	3,647			158,385	144,392	10,000	3,993		259,966	101,581	56
489,847	73,450	52,908	301,261	62,228			469,782	452,968	4,897	8,476		1,201,974	732,192	57
143,175		4,880	138,295				232,683	213,797	3,358		15,448	467,198	234,565	58
24,203	1,676	312	22,215				5,659	3,800	493	1,366		58,457	52,798	59
282,811	46,405	40,505	140,260	5,141			254,603	245,556	4,033	5,014		695,286	440,683	60
413,466	67,880	33,318	308,648	3,620			287,201	240,233	3,379	12,541	1,048	884,007	626,806	61
226,187	25,430	55,842	60,800	59,875	8,690		427,053	394,410	12,063	20,680		1,401,855	974,802	62
236,045	58,780	60,889	107,785	32,111		1,300	482,139	472,036	1,300	8,732	11	942,221	400,082	63
1,520,129	135,707	144,339	811,329	427,933	821		11,468,337	11,340,721	53,605	71,918	2,093	13,932,714	2,464,377	64
637,208	20,045	52,776	557,612	5,995		780	1,277,531	1,260,412	5,745	11,674		2,203,813	925,982	65
2,240,842	93,263	211,091	1,934,088	2,400			3,833,267	3,793,454	21,454	18,359		7,185,411	3,852,144	66
318,854	45,500	51,964	179,268	61,622			529,156	518,266	3,001	1,870	6,029	898,462	369,306	67
100,610	11,000	13,113	66,575	6,708	13,114		223,101	183,657	9,640	28,154	3,650	540,813	317,212	68
349,614	55,459	42,182	224,429	29,554			1,888,105	1,868,707	8,069	11,329		2,045,055	659,560	69
31,935	2,073	9,129	14,787	5,859		87	29,490	28,829	194	467		68,068	38,678	70

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) ²			
1	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	17	14	616	14	46	541	14	1
2	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	5	2	1,209	5	47	1,094	63	
3	8	Newspapers: publishing and printing.....	98	61	2,331	86	658	1,085	502	
4	8	Newspapers: publishing without printing.....	4	2	7		7			
5	1	Nonalcoholic beverages.....	106	53	1,332	70	126	473	644	14
6	9	Paints, varnishes, and lacquers.....	9	7	151	15	19	72	43	2
7	7	Paper and paperboard mills.....	11		2,870	8	256	2,542	15	6
8	7	Paper bags, except those made in paper mills.....	7		603	8	40	518	37	
9	7	Paperboard containers and boxes not elsewhere classified.....	17	11	846	13	62	726	43	2
10	6	Partitions, shelving, cabinet work, and office and store fixtures.....	7	2	145	7	18	119	1	
11	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	5		44	1	6	36	1	
12	9	Perfumes, cosmetics, and other toilet preparations.....	4		150	5	4	38	102	1
13	8	Periodicals: publishing and printing.....	10	3	123	8	42	60	7	
14	8	Periodicals: publishing without printing.....	7		85	3	37	6	39	
15	8	Photoengraving, not done in printing establishments (including preparation of plates).....	7	6	71	7	9	52	3	
16	1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	4	1	135	2	10	118	5	
17	6	Planing mills not operated in conjunction with sawmills.....	115	86	2,780	80	230	2,303	155	19
18	1	Poultry dressing and packing, wholesale.....	3	3	124	3	6	115		
19	14	Power boilers and associated products.....	3	1	217	7	29	173	8	
20	1	Prepared feeds (including mineral) for animals and fowls.....	16	13	239	5	28	189	16	1
21	9	Printing ink.....	3		29	4	2	14	7	2
22	7	Pulp mills.....	9		2,145	5	148	1,888		10
23	9	Rayon and allied products.....	5		12,165	3	1,186	10,786	39	66
24	3	Rayon broad woven goods—regular factories or jobbers engaging contractors.....	10		3,213	4	99	3,110		
25	3	Rayon narrow fabrics.....	3	1	129	1	7	117	4	
26	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	3		839	1	40	798		
27	11	Rubber products not elsewhere classified.....	3		623	7	64	486	66	
28	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	10	5	176		13	162	1	
29	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	450	453	10,369	68	363	9,889	56	12
30	15	Sheet-metal work not specifically classified.....	11	4	169	13	12	125	19	1
31	19	Shipbuilding and ship repairing.....	18	13	9,214	25	338	8,334	14	
32	20	Signs, advertising displays, and advertising novelties.....	16	11	220	12	15	172	7	14
33	3	Silk broad woven goods—regular factories or jobbers engaging contractors.....	7	4	1,215	8	44	1,160	3	
34	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	4		208	8	19	163	13	
35	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	6	1	291	3	26	261		1
36	4	Textile bags—not made in textile mills.....	8	5	637	4	45	563	25	
37	14	Tin cans and other tinware not elsewhere classified.....	3		282	4	43	283	5	1
38	19	Transportation equipment not elsewhere classified.....	3	4	89	4	10	69	6	
39	6	Upholstered household furniture.....	5	3	313	5	6	295	7	
40	1	Vinegar and cider.....	5	2	122	1	10	105	6	
41	6	Window and door screens and weather strip.....	3		91	3	5	80	3	
42	6	Wooden boxes except cigar boxes.....	12	10	579	14	21	543	1	
43	6	Wood preserving.....	8	1	471	4	27	434	6	
44	6	Wood products not elsewhere classified.....	9	3	206	16	21	165	4	
45	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	10	4	1,558	13	90	1,454	1	
46	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	19	5	3,506	16	114	3,315	52	8
47	4	Work shirts.....	3		615	5	20	586	4	
48		Other industries ³	211	73	32,465	228	2,348	28,977	697	84
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
49	1	Food and kindred products.....	11	4	771	12	57	635	67	
50	2	Tobacco manufactures.....	6	1	3,417	4	171	3,168		69
51	3	Textile-mill products and other fiber manufactures.....	17	3	2,498	8	146	2,329	15	
52	4	Apparel and other finished products made from fabrics and similar materials.....	20	6	2,182	19	77	2,011	82	9
53	6	Furniture and finished lumber products.....	8	4	139	3	9	117	10	
54	7	Paper and allied products.....	6		417	10	34	357	16	
55	8	Printing, publishing, and allied industries.....	14	5	229	10	98	49	72	
56	9	Chemicals and allied products.....	12	1	342	25	24	184	107	2
57	12	Leather and leather products.....	17	3	4,834	27	803	4,402	102	
58	13	Stone, clay, and glass products.....	8	4	1,177	2	102	978	22	5
59	14	Iron and steel and their products, except machinery.....	24	2	2,640	35	194	2,334	35	
60	15	Nonferrous metals and their products.....	9	0	584	5	50	524	5	
61	17	Machinery (except electrical).....	7	4	76	3	4	65	3	1
62	20	Miscellaneous industries.....	17	10	1,192	21	67	1,060	37	
	11	Rubber products.....	3		623	7	64	486	66	
	12	Automobiles and automobile equipment.....	5	2	1,209	5	47	1,094	63	
	13	Transportation equipment except automobiles.....	22	13	9,914	28	889	8,981	15	
	5	Lumber and timber basic products.....	2							
	10	Products of petroleum and coal.....	1							
	16	Electrical machinery.....	2	2	221	4	12	205		

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
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		
582,501	57,560	56,428	440,085	27,563	865	865	278,683	217,926	20,375	40,382	1,170,353	891,670	1		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	2		
3,911,328	442,821	1,199,946	1,615,725	653,336	5,243	18,098	2,107,749	1,836,187	34,864	92,104	144,594	9,270,999	7,163,250	3	
7,759	7,759	7,759	7,759	7,759	7,759	7,759	14,680	12	81	14,567	44,633	29,973	4		
1,882,370	376,354	246,777	388,006	847,897	5,243	18,098	4,206,741	4,115,640	32,074	87,577	450	9,766,402	5,590,661	5	
219,631	68,899	35,658	63,090	50,375	1,609	833,356	821,165	4,223	7,968	1,419,759	583,403	6			
3,573,632	104,525	549,504	2,831,640	33,643	45,260	9,000	16,644,742	14,973,908	1,061,618	609,217	26,750,860	10,106,117	7		
562,505	73,800	66,528	866,000	46,179	2,649	1,964,912	1,937,972	7,980	18,960	2,766,862	801,950	8			
828,440	56,801	100,830	602,611	65,555	7,549	2,548,089	2,511,013	15,665	21,411	4,286,249	1,738,160	9			
226,151	39,602	34,340	144,660	7,549	196,166	178,281	178,281	2,964	4,921	455,915	259,749	10			
54,244	8,400	6,215	34,229	5,400	(9)	538,590	488,697	19,341	5,298	25,254	757,388	218,798	11		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	12		
182,434	33,184	55,873	79,559	13,818	(9)	145,651	122,802	1,743	3,498	17,608	446,753	301,102	13		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	14		
158,726	41,660	12,085	101,170	2,911	(9)	51,869	44,203	1,549	3,122	2,995	318,462	266,593	15		
100,189	5,095	16,226	73,279	5,589	(9)	321,197	315,304	3,928	1,965	569,938	248,741	16			
2,552,602	259,122	320,001	1,770,541	180,754	3,660	6,551,624	6,227,369	24,442	70,536	29,277	10,714,072	4,362,448	17		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	18		
182,644	14,508	32,647	122,248	10,672	(9)	2,734,796	2,704,054	4,579	26,165	3,461,671	720,873	19			
62,691	21,320	5,605	14,368	19,082	1,716	101,734	98,201	440	3,093	225,698	123,034	20			
2,719,697	576,310	113,113	2,124,283	187,897	15,904	9,635,608	8,787,822	1,111,460	36,281	17,072,846	7,187,243	22			
16,745,382	35,125	2,694,010	13,685,208	85,040	181,164	18,920,502	17,293,234	1,557,747	28,030	41,551	59,672,183	40,761,621	23		
2,645,365	8,200	151,025	2,486,140	(9)	(9)	11,039,324	10,619,504	34,210	211,380	174,230	15,478,882	4,434,558	24		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	25		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	26		
170,239	22,202	145,697	2,340	(9)	(9)	1,785,150	1,756,440	11,105	17,614	2,178,416	893,257	28			
6,142,078	281,132	501,932	5,276,821	77,607	4,281	8,085,648	7,647,302	154,881	84,105	199,410	18,559,755	10,474,107	29		
192,331	47,165	14,016	107,416	23,734	(9)	551,254	530,380	1,157	4,309	15,408	909,188	357,934	30		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	31		
266,604	59,600	18,409	171,630	15,610	1,415	373,439	368,684	4,714	6,879	3,162	842,819	469,380	32		
829,363	34,627	68,648	722,637	3,551	(9)	3,570,778	3,442,833	6,892	65,591	55,462	5,187,965	1,617,187	33		
231,545	33,553	38,184	143,000	16,808	(9)	147,002	135,260	7,611	4,131	343,827	396,825	34			
308,860	25,280	40,952	237,628	(9)	5,000	928,898	822,732	104,629	1,507	1,843,040	914,172	35			
582,696	43,700	75,141	401,342	62,513	(9)	4,146,554	4,131,741	4,163	10,650	5,408,339	1,261,785	36			
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	37		
101,533	12,685	10,285	53,735	15,848	(9)	134,665	128,971	2,070	3,624	303,046	168,381	38			
245,708	4,910	10,180	216,804	14,314	(9)	529,056	518,942	2,092	6,222	903,726	374,670	39			
77,433	1,525	10,470	62,422	3,016	(9)	284,822	270,699	8,667	5,456	453,893	169,071	40			
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	41		
407,868	28,100	27,990	351,388	390	(9)	911,987	894,245	2,032	15,710	1,833,398	921,411	42			
413,710	13,262	49,401	323,879	27,163	(9)	2,168,137	2,074,426	77,890	15,821	3,352,795	1,184,658	43			
190,919	59,180	26,762	103,353	1,624	(9)	176,705	170,040	3,867	2,722	431,615	254,910	44			
1,440,224	66,935	174,530	1,185,540	4,945	8,274	5,578,425	5,445,390	52,775	80,260	7,981,079	2,402,684	45			
2,164,143	111,755	158,121	1,804,234	82,548	728	6,767	5,794,606	5,753,594	10,580	30,432	9,008,865	3,214,259	46		
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	47		
36,656,995	1,299,612	4,830,952	29,072,256	1,224,617	145,007	78,551	99,337,013	95,534,040	1,859,896	1,218,444	424,633	169,804,659	70,467,046	48	
719,917	63,667	75,884	450,787	120,579	(9)	3,150,455	3,100,267	33,227	16,961	4,650,478	1,500,023	49			
2,732,385	56,673	366,423	2,211,675	31,265	66,447	12,207,507	12,112,594	55,123	39,490	19,214,498	7,106,991	50			
1,926,140	32,170	244,681	1,632,407	19,792	(9)	11,295,707	10,992,886	81,064	146,692	16,718,350	5,422,643	51			
1,522,253	85,798	107,077	1,235,613	81,725	3,798	8,242	3,252,287	3,151,021	8,262	22,980	5,554,860	2,302,573	52		
111,309	10,059	12,717	75,782	12,751	(9)	269,800	267,733	5,597	5,970	461,681	192,281	53			
500,455	71,857	69,204	325,816	33,578	(9)	992,751	981,323	2,816	8,612	1,802,003	809,282	54			
377,305	49,099	146,579	64,669	116,958	(9)	353,340	353,340	53,453	2,725	855,967	522,627	55			
429,356	132,725	40,258	136,890	117,410	2,073	1,192,607	1,144,654	14,650	23,393	2,360,135	1,167,438	56			
4,177,601	124,092	408,074	3,464,624	180,811	(9)	7,827,904	7,783,208	29,843	44,553	13,708,887	5,880,483	57			
1,247,520	14,465	188,252	914,312	57,581	69,168	8,742	1,588,578	1,588,578	383,035	332,575	3,713,083	58			
2,950,805	208,444	398,860	2,258,692	64,206	29,603	6,337,255	5,491,639	767,669	75,382	2,565	11,703,099	5,365,544	59		
737,309	17,616	104,695	601,789	13,210	(9)	4,120,747	3,988,501	59,249	72,997	8,342,753	4,222,046	60			
100,659	10,200	7,408	78,833	4,100	120	139,130	134,985	1,496	2,649	330,343	191,213	61			
1,165,506	121,329	110,347	843,729	82,001	8,100	1,091,496	1,031,238	26,408	33,614	3,115,429	2,023,933	62			
17,946,477	301,419	2,556,495	14,767,048	319,915	1,000	45,587,859	44,810,647	388,742	379,365	105	75,684,475	30,046,616	63		

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 11.

TABLE 9.—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
NORFOLK												
	All industries, total.....	181	64	173	534	5,181	\$639,738	\$977,898	\$5,331,091	\$37,599,552	\$50,281,223	\$18,081,071
17	Agricultural machinery (except tractors)	3		5	3	79	10,482	3,370	44,083	56,263	235,320	179,073
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	19	16	6	35	365	38,764	50,831	393,390	1,204,394	2,777,087	1,512,693
1	Candy and other confectionery products	5	5	1	5	61	3,300	7,342	38,613	698,347	700,065	111,318
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3			5	30	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products	3		6		38	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	3	3	6	50	7,398	11,337	50,995	171,017	271,927	100,910
1	Food preparations, not elsewhere classified	3	1	1	3	28	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	General commercial (job) printing	14	5	15	12	67	33,959	18,584	81,612	102,371	294,908	192,637
14	Gray-iron and semisteel castings	3		8	2	30	12,127	3,517	30,206	30,292	106,018	75,726
1	Ice cream and ices	4	1		4	38		7,880	36,273	322,729	606,188	283,459
1	Ice, manufactured	8		3	7	66	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
3	Jute goods (except felt)	3	3	6	8	201	23,200	12,990	101,701	216,776	495,306	278,530
17	Machine-shop repairs	6	2	11	7	100	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
0	Mattresses and bedsprings	3	1	7	27	76	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Newspapers: publishing and printing	4	2	12	140	155	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Nonalcoholic beverages	8	2	4	12	56	10,974	23,515	44,615	750,282	1,722,121	971,839
5	Planing mills not operated in conjunction with sawmills	7	1	7	12	83	17,885	15,821	82,823	353,616	528,195	174,570
1	Prepared feeds (including mineral) for animals and fowls	3		1	8	76	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
15	Sheet-metal work not specifically classified	4	1	4	3	47	13,205	3,716	40,103	71,967	170,253	98,266
19	Shipbuilding and ship repairing	10	4	19	36	624	85,467	78,887	673,075	434,902	1,663,388	1,228,486
20	Signs, advertising displays, and advertising novelties	5	4	2	1	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
	Other industries	98	23	95	390	3,480	376,987	740,108	3,713,302	33,226,606	46,700,841	18,474,286
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products	27	4	13	54	512	57,962	80,262	359,526	4,900,084	7,057,045	2,156,961
4	Apparel and other finished products made from fabrics and similar materials	8	1	6	36	528	18,880	87,826	362,706	1,935,122	2,736,302	801,130
6	Furniture and finished lumber products	13	4	15	36	322	63,881	39,550	232,248	622,397	1,245,500	623,193
9	Chemicals and allied products	8	1	8	13	52	44,218	24,841	48,866	478,595	851,812	373,217
17	Machinery (except electrical)	10	3	14	15	148	64,175	25,162	197,687	190,070	613,023	422,953
8	Printing, publishing, and allied industries	10	5	16	147	173						
13	Stone, clay, and glass products	3		6		36						
14	Iron and steel and their products, except machinery	3		7	5	52						
20	Miscellaneous industries	5	4	2	1	20						
3	Textile-mill products and other fiber manufactures	2										
5	Lumber and timber base products	1										
7	Paper and allied products	1										
10	Products of petroleum and coal	1										
11	Rubber products	1										
12	Leather and leather products	1	1	8	89	1,637						
15	Nonferrous metals and their products	1										
18	Automobiles and automobile equipment	1										
19	Transportation equipment except automobiles	2										
RICHMOND												
	All industries, total.....	326	181	335	1,882	18,326	\$1,763,272	\$3,736,797	\$18,085,109	\$263,404,110	\$373,146,751	\$109,742,641
8	Bookbinding and related industries	6	8	3	12	136	27,000	29,254	121,836	79,050	318,942	239,892
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	32	25	15	55	752	73,100	105,973	891,224	2,132,145	4,468,874	2,336,729
1	Candy and other confectionery products	5	2	7	8	60	20,124	11,525	41,684	188,810	316,710	127,900
6	Caskets, coffins, burial cases, and other morticians' goods	3	2	4	4	23	17,717	4,670	16,780	71,986	151,251	79,265
13	Concrete products	6	8	1	6	73	2,825	8,973	59,114	301,178	539,702	238,524
9	Drugs and medicines (including drug grinding)	5		14	26	37	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	1	8	31	173	29,020	47,361	167,113	849,650	1,331,810	482,100

See footnotes at end of table.

TABLE 9.—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 ¹	*Salaries of 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
RICHMOND—Continued												
1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	1	7	8	112	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Food preparations, not elsewhere classified	3	3		2	20	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	General commercial (job) printing	44	29	40	73	541	\$137,297	\$122,208	\$633,488	\$1,098,664	\$2,746,750	\$1,648,086
14	Gray-iron and semisteel castings	4	5			31			32,338	29,027	89,410	60,383
1	Ice cream and ices	9	5	3	11	63	6,930	21,224	45,267	565,536	1,218,643	652,107
1	Ice, manufactured	7		10	19	39	27,897	30,809	49,512	74,449	412,873	338,424
17	Industrial machinery, not elsewhere classified	6	1	12	34	101	72,542	85,583	130,998	399,931	977,927	577,996
17	Machine-shop repairs	6	6	3	1	38	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Mattresses and bedsprings	3	5		5	27		9,769	29,478	67,625	169,615	101,990
1	Meat packing, wholesale	3	3	5	65	565	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	7		1	16		312	29,724	23,206	75,558	52,352
8	Newspapers: publishing and printing	4	1	14	191	233	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Nonalcoholic beverages	7	3	4	6	64	18,200	14,773	51,545	586,167	1,359,759	812,592
9	Paints, varnishes, and lacquers	5	3	8	9	30	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
7	Paper and paperboard mills	4		3	31	741	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
7	Paperboard containers and boxes not elsewhere classified	8	5	10	44	454	41,101	74,309	434,306	1,848,852	3,038,956	1,190,104
6	Partitions, shelving, cabinet work, and office and store fixtures	3	1	5	13	77	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Periodicals: publishing and printing	6	2	8	37	49	33,184	44,341	64,869	124,936	378,886	253,950
8	Periodicals: publishing without printing	4		3	33	6	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	3	2	3	22	12,700	3,086	55,048	25,158	151,490	126,232
5	Planing mills not operated in conjunction with sawmills	9	1	15	37	614	75,090	69,838	546,490	1,156,387	2,218,190	1,061,803
9	Printing ink	3		4	2	14	21,320	5,605	14,368	101,734	225,668	123,934
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	4		6	67		9,019	65,783	852,535	1,020,359	167,824
20	Signs, advertising displays, and advertising novelties	3	1	2	2	18	4,100	1,032	21,864	41,970	112,996	71,026
4	Textile bags—not made in textile mills	3	4	3	32	315	38,400	51,664	236,987	2,720,309	3,537,056	816,747
	Other industries ⁵	147	60	184	1,454	14,675	1,104,726	2,985,699	14,342,293	250,064,805	348,245,326	98,180,521
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁶												
1	Food and kindred products	23	13	29	133	1,107	164,684	217,019	1,056,011	9,936,366	13,195,810	3,269,444
4	Apparel and other finished products made from fabrics and similar materials	12	3	23	72	1,494	188,814	155,553	1,376,280	3,081,505	5,376,230	2,264,725
6	Furniture and finished lumber products	10	5	9	24	308	44,331	52,654	284,715	578,183	1,149,375	571,192
7	Paper and allied products	11		15	92	1,464	132,386	181,758	1,437,143	6,069,707	9,616,554	3,546,847
8	Printing, publishing, and allied industries	21	9	29	312	457	183,977	574,739	701,650	1,481,440	4,682,861	3,201,421
9	Chemicals and allied products	18	3	30	39	107	121,013	66,048	93,293	872,562	2,078,867	1,206,305
13	Stone, clay, and glass products	3	1	2	9	49	9,500	15,495	42,137	114,633	277,531	162,898
14	Iron and steel and their products, except machinery	9	1	22	104	324	131,507	204,672	826,583	1,849,024	3,765,717	1,916,693
17	Machinery (except electrical)	8	6	6	5	54	15,980	7,596	71,289	61,911	208,898	146,987
20	Miscellaneous industries	7	5	6	10	103	21,425	14,681	85,334	154,504	356,713	201,909
2	Tobacco manufactures	8		1	539	7,931						
12	Leather and leather products	4	3	4	6	74						
15	Nonferrous metals and their products	7	10		46	327						
3	Textile-mill products and other fiber manufactures	2										
10	Products of petroleum and coal	2					93,128	1,495,454	8,367,858	225,864,670	307,536,770	81,672,100
18	Automobiles and automobile equipment	1	1	8	63	376						
19	Transportation equipment except automobiles	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items 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.

CENSUS OF MANUFACTURES: 1939

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.....	2,579	792	12	104	78	585	170	50	262	130	10	3	24	127	72	20	2	60	5	31	33
Accomack.....	32	7			1	6	14		2					1						1	
Albemarle and Charlottesville City.....	48	21		4	2	7	4		5					2				3			
Alleghany and Clifton Forge City.....	28	12		2		3		2	3	2			1	2	1						
Amelia.....	10	1				8			1	1											
Amherst.....	3								1	1				1							
Appomattox.....	8	1			2	4											1				
Arlington and Alexandria City.....	40	14			1	2	2		5	6				10	7			2			
Augusta and Staunton City.....	69	23		9	3	4	6		5	2				6	3		1	2			
Bath.....	2	1				1															
Bedford.....	47	32		2		5		2	3	1		1			1						
Bland.....	3			1		2															
Botetourt.....	12	6							1					4							1
Brunswick.....	23	1			1	19	1		1												
Buchanan.....	5	1				3												1			
Buckingham.....	6	1				4								1							
Campbell and Lynchburg City.....	83	18		5	7	5	4	3	9	7			6	5	5			6		1	2
Caroline.....	26	2				12	10		1	1											
Carroll.....	16	5		3		1	5		1					1							
Charles City.....	5					4								1							
Charlotte.....	16	5				10			1					1							
Chesterfield.....	38	2				19	6			2				6	1						
Clarke.....	6	4					1		1												
Craig.....	1	1																			
Culpeper.....	14	5		1	1	3	2		2												
Cumberland.....	9	2				7															
Dickenson.....	2					2															
Dinwiddie and Petersburg City.....	53	12	3	1	3	11	2		5	3			2	1	3			2			5
Elizabeth City and Hampton City.....	11	5				1			1	1					1			1		1	
Essex.....	12	4				7															
Fairfax.....	5	2				1			1						1					1	
Fauquier.....	10	5				4			1												
Floyd.....	12	3			1	8															
Fluvanna.....	5					5															
Franklin.....	15	3		1		7	1		1	1				1							
Frederick and Winchester City.....	48	23		5		5	4	1	2	2		1		3	1			1			
Giles.....	7	2							1				1	3							
Gloucester.....	5	1				3			1												
Goochland.....	10					10			1												
Grayson.....	7			3		2			2												
Greene.....	1					1															
Greensville.....	20	4		2		8	2		1					2	1						
Halifax.....	36	7			1	23			2												
Hanover.....	31	5			1	17	5		1									1			
Henrico and Richmond City.....	343	86	8	2	15	18	17	20	81	24	2		4	14	18	8		14	1	1	10
Henry and Martinsville City.....	43	5	1	9	1	5	11	2	3												
Highland.....	10					9				1											
Isle of Wight.....	20	6				8	1	2	1					1						1	
James City and Williamsburg City.....	9	2				4			1												
King and Queen.....	7	1				6								1		1					
King George.....	2	1				1															
King William.....	10	2				3	1	2	1												
Lancaster.....	25	14				4			1	3				1						1	2
Lee.....	1																				
Loudoun.....	12	0				1			3					1							
Louisiana.....	34	4			1	28	1							2							
Lunenburg.....	18	3		1		12	1			1											
Madison.....	9	2				2	4		1												
Mathews.....	7	5				2															
Mecklenburg.....	43	4		2	1	30	2		2	1											
Middlesex.....	8	5				2			1											1	
Montgomery and Radford City.....	26	13		3	2	1	1	1	2	1				1	1						
Nansemond and Suffolk City.....	56	16		1	1	17	5	1	5	3				1				4		2	
Nelson.....	7	2				2				1				2							
New Kent.....	10					10															
Norfolk and Norfolk, Portsmouth, and South Norfolk Cities.....	266	81		6	9	20	21	2	29	34	2	1	1	7	12	6		15	2	13	5
Northampton.....	29	12		1		5	8		2	1											
Northumberland.....	26	13				4				6				1						1	
Nottoway.....	26	4		2	1	15			2	1											
Orange.....	16	5		4		3	1		3												
Page.....	18	11		1	2	2			1					1							
Patrick.....	5	1				3	1														
Pittsylvania and Danville City.....	44	21		4	2	2	1		6	2				2	2			2			
Powhatan.....	12					12															
Prince Edward.....	14	5			1	5	1		1				1								
Prince George and Hopewell City.....	17	2		1		5	1	4	2	1					1						

1039

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

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See footnote at end of table.

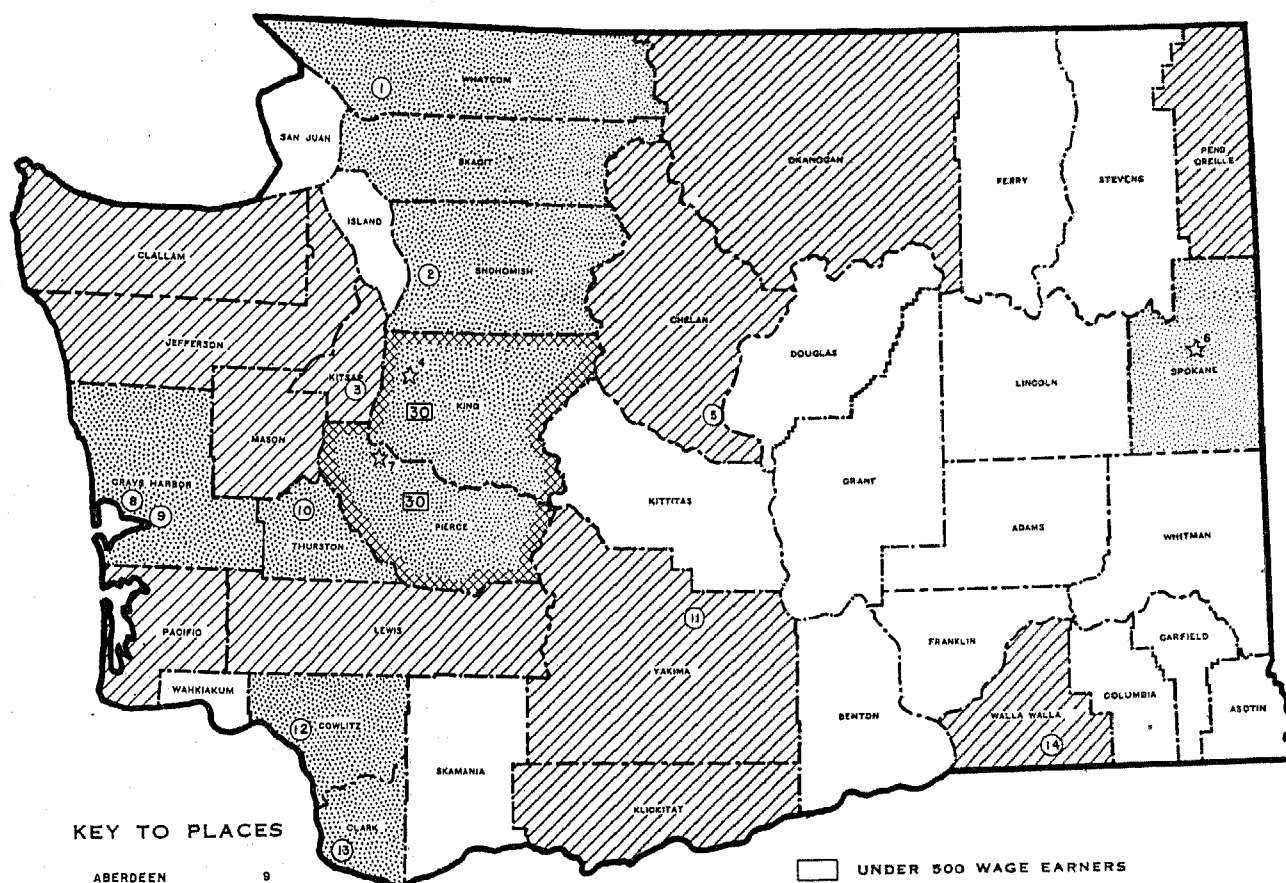
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR NORFOLK AND RICHMOND: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
CITY OF NORFOLK—Continued				CITY OF RICHMOND—Continued			
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	1	-----	4	Men's and boys' hats and caps (except felt and straw). Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	1	-----
6	Baskets for fruits and vegetables.....	1	-----		Millinery.....	2	-----
	Caskets, coffins, burial cases, and other morticians' goods.....	1	-----		Miscellaneous fabricated textile products not elsewhere classified.....	3	-----
	Cooperage.....	1	-----			1	-----
	Cork products.....	1	-----	6	Household furniture, except upholstered.....	2	-----
	Mattresses and bedsprings.....	8	76		Partitions, shelving, cabinet work, and office and store fixtures.....	3	77
	Partitions, shelving, cabinet work, and office and store fixtures.....	8	-----		Upholstered household furniture.....	1	-----
	Upholstered household furniture.....	1	-----		Window shades.....	2	-----
	Window shades.....	1	-----		Wood products not elsewhere classified.....	1	-----
	Wooden boxes except cigar boxes.....	1	-----			1	-----
7	Paper bags, except those made in paper mills.....	1	-----	7	Converted paper products not elsewhere classified.....	1	-----
8	Machine and hand typesetting (including advertisement typesetting).....	2	-----		Envelopes.....	4	741
	Newspapers: publishing and printing.....	4	155		Paper and paperboard mills.....	6	-----
	Periodicals: publishing and printing.....	1	-----		Paper bags, except those made in paper mills.....	2	-----
	Periodicals: publishing without printing.....	1	-----	8	Books: printing without publishing.....	2	-----
	Photoengraving, not done in printing establishments (including preparation of plates).....	2	-----		Books: publishing without printing.....	2	-----
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	3	30		Electrotyping and stereotyping, not done in printing establishments.....	2	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	2	-----		Engraving (steel, copperplate, and wood); plate printing.....	2	-----
	Paints, varnishes, and lacquers.....	1	-----		Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	1	-----
	Soybean oil, cake, and meal.....	1	-----		Machine and hand typesetting (including advertisement typesetting).....	2	-----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	-----		Newspapers: publishing and printing.....	4	233
					Newspapers: publishing without printing.....	2	-----
					Periodicals: publishing without printing.....	4	6
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	1	-----	9	Bluing.....	1	-----
11	Rubber products not elsewhere classified.....	1	-----		Cleaning and polishing preparations, blackings, and dressings.....	1	-----
12	Industrial leather belting and packing leather.....	1	-----		Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2	-----
13	Concrete products.....	3	26		Drugs and medicines (including drug grinding).....	5	87
14	Oil burners, domestic and industrial.....	1	-----		Grease and tallow (except lubricating greases).....	1	-----
	Power boilers and associated products.....	1	-----		Paints, varnishes, and lacquers.....	5	30
	Wirework not elsewhere classified.....	1	-----		Perfumes, cosmetics, and other toilet preparations.....	3	-----
15	Silverware and plated ware.....	1	-----	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	2	-----
17	Elevators, escalators, and conveyors.....	1	-----	12	Industrial leather belting and packing leather.....	2	-----
	Industrial machinery, not elsewhere classified.....	1	-----		Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1	-----
	Machine-shop products, not elsewhere classified.....	1	-----		Saddlery, harness, and whips.....	1	-----
	Machine-shop repairs.....	6	100	13	Brick and hollow structural tile.....	1	-----
	Office and store machines not elsewhere classified.....	1	-----		Minerals and earths, ground or otherwise treated.....	1	-----
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	-----		Mirrors and other glass products made of purchased glass.....	1	-----
19	Boat building and boat repairing.....	2	-----	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	1	-----
20	Signs, advertising displays, and advertising novelties.....	5	20		Power boilers and associated products.....	2	-----
CITY OF RICHMOND					Stamped and pressed metal products (except automobile stampings).....	1	-----
1	Baking powder, yeast, and other leavening compounds.....	1	-----		Steel works and rolling mills.....	2	-----
	Biscuit, crackers, and pretzels.....	2	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	2	-----
	Condensed and evaporated milk.....	1	-----		Tin cans and other tinware not elsewhere classified.....	1	-----
	Cooking and other edible fats and oils, not elsewhere classified.....	1	-----	15	Alloying and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Custom slaughtering, wholesale.....	2	-----		Electroplating, plating, and polishing.....	1	-----
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	4	112		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Flour and other grain-mill products.....	3	20		Sheet-metal work not specifically classified.....	2	-----
	Food preparations, not elsewhere classified.....	1	-----		Tin and other foils (except gold and silver foil).....	2	-----
	Malt liquors.....	3	565	17	Machine-shop products, not elsewhere classified.....	1	-----
	Meat packing, wholesale.....	2	-----		Machine-shop repairs.....	6	38
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	-----		Mechanical power-transmission equipment.....	1	-----
	Prepared feeds (including mineral) for animals and fowls.....	1	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	-----
		5	-----	19	Locomotives (including frames) and parts: railroad, mining, and industrial.....	1	-----
2	Cigarettes.....	1	-----	20	Brooms.....	1	-----
	Cigars.....	1	-----		Brushes.....	1	-----
	Tobacco (chewing and smoking) and snuff.....	2	-----		Games and toys (except dolls and children's vehicles).....	1	-----
3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1	-----		Hand stamps, stencils, and brands.....	1	-----
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	1	-----		Soda fountains, beer dispensing equipment, and related products.....	1	-----
4	Canvas products (except bags).....	3	-----		Sporting and athletic goods not elsewhere classified.....	2	-----
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1	-----				
	Housefurnishings (except curtains, draperies, and bedspreads).....	1	-----				

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

WASHINGTON

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ABERDEEN	9
BELLINGHAM	1
BREMERTON	3
EVERETT	2
HOQUIAM	8
LONGVIEW	12
OLYMPIA	10
SEATTLE	4
SPOKANE	6
TACOMA	7
VANCOUVER	13
WALLA WALLA	14
WENATCHEE	5
YAKIMA	11

- UNDER 500 WAGE EARNERS
- 500 TO 2,499 WAGE EARNERS
- 2,500 OR MORE WAGE EARNERS
- PLACES OF 10,000 TO 99,999 POPULATION
- PLACES OF 100,000 OR MORE POPULATION
- INDUSTRIAL AREA:
- SEATTLE-TACOMA AREA

WASHINGTON

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.....	3,240	2,263	101,136	\$143,412,064	\$350,002,546	\$636,649,809	\$286,647,263
1937.....	3,037	1,952	114,268	155,000,775	380,320,890	675,039,592	295,318,702
1929.....	3,591	2,129	121,920	185,305,492	414,034,147	766,852,015	352,317,868

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 THE SEATTLE-TACOMA INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ²	Value of products ²	Value added by manufacture ³
The State.....	1,730,191	3,240	90,324	\$118,326,333	\$350,002,546	\$636,649,809	\$286,647,263
Seattle-Tacoma Industrial Area ⁴	687,061	1,539	36,853	50,708,151	178,018,521	302,226,607	124,208,086
COUNTIES ¹							
Adams.....	6,209	4	33				
Asotin.....	8,365	7	62	50,300	279,459	307,348	87,889
Benton.....	12,053	17	115	82,172	957,428	1,317,750	360,322
Chehalis.....	34,412	60	1,007	899,958	2,168,633	4,424,014	2,255,381
Clallam.....	21,848	45	1,714	2,246,665	7,568,844	14,360,486	6,791,642
Clark.....	49,852	66	3,629	4,570,025	16,873,477	29,480,719	12,557,242
Columbia.....	5,549	7	142				
Cowlitz.....	40,155	70	6,101	8,461,429	14,777,918	33,949,037	19,171,119
Douglas.....	8,051	6	7	8,020	34,032	62,425	28,896
Ferry.....	4,701	11	113	109,388	163,790	393,704	229,914
Franklin.....	6,307	4	13	15,960	39,662	91,268	51,006
Garfield.....	2,338	5	10	9,627	95,961	145,526	49,565
Grant.....	14,668	6	17	20,760	46,087	95,423	51,736
Grays Harbor.....	53,186	124	6,085	8,995,009	17,335,613	36,253,366	18,917,753
Island.....	6,098	7	22	16,465	69,615	121,523	51,008
Jafferson.....	8,918	25	667				
King.....	504,980	1,216	24,252	38,953,902	87,246,531	173,038,445	85,791,914
Kitsap.....	44,387	38	932	1,310,650	2,589,080	5,458,564	2,572,484
Kittitas.....	20,230	31	318	338,748	1,250,546	2,171,927	921,381
Klickitat.....	11,357	33	608	746,729	641,606	1,847,138	1,205,632
Lewis.....	41,393	88	1,697	1,905,619	4,637,569	8,358,450	3,720,881
Lincoln.....	11,361	10	88	96,610	316,824	525,245	208,421
Mason.....	11,603	35	1,509	2,145,092	2,751,986	8,771,784	5,019,798
Okanogan.....	24,546	26	1,031	1,020,553	825,799	2,985,047	2,159,248
Pacific.....	15,928	55	2,222	2,606,785	3,123,581	7,072,463	4,548,882
Pend Oreille.....	7,156	16	511	720,742	1,555,823	3,016,345	1,460,622
Pierce.....	182,081	323	12,601	18,754,249	90,771,990	120,188,162	38,416,172
San Juan.....	3,157	8	129	116,037	604,122	948,084	343,902
Skagit.....	37,595	95	2,515	2,760,389	10,276,688	17,918,612	7,641,624
Skamania.....	4,633	7	231	253,058	393,203	1,028,159	634,956
Snohomish.....	88,754	178	7,028	9,697,874	18,119,035	39,301,230	21,182,195
Spokane.....	164,052	259	5,482	6,784,913	29,590,338	48,821,066	19,280,728
Stevens.....	19,275	27	344	352,741	586,078	1,360,200	774,122
Thurston.....	37,285	52	2,553	3,495,259	7,284,813	15,437,509	8,152,096
Wahkiakum.....	4,286	10	420	597,684	1,338,356	2,617,526	1,279,170
Walla Walla.....	30,547	35	510	527,393	3,112,630	5,082,913	1,970,283
Whatcom.....	60,355	111	2,571	3,200,278	8,739,436	15,966,705	7,217,269
Whitman.....	27,221	19	65	62,956	403,684	675,267	271,683
Yakima.....	99,019	104	2,370	2,352,538	7,881,422	14,137,460	6,256,038
Undistributed ⁵		36	842	1,040,156	4,256,387	9,318,919	5,062,532

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Con.

	Population, 1940	Number of establish- ments	Wage earn- ers (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 manufac- ture ⁵
PLACES HAVING 10,000 OR MORE INHABITANTS							
Aberdeen.....	18,846	41	2,107	\$2,979,643	\$3,980,888	\$12,444,015	\$6,463,127
Bellingham.....	29,314	57	1,398	1,811,175	4,333,911	8,253,164	3,919,253
Bremerton.....	15,134	15	64	110,406	197,847	476,146	278,299
Everett.....	30,224	68	2,656	3,816,760	8,738,455	18,384,504	9,646,049
Hoquiam.....	10,835	31	1,811	2,392,874	6,376,822	12,566,214	6,189,392
Longview ⁶	12,385	13	81				
Olympia.....	13,254	27	1,654	2,258,905	4,717,363	9,331,287	4,613,924
Seattle.....	368,802	1,083	20,352	28,742,946	77,273,005	152,748,418	75,475,413
Spokane.....	122,001	224	4,108	5,235,498	22,562,992	38,021,148	15,458,156
Tacoma.....	109,408	253	8,649	11,529,635	36,116,545	62,055,686	25,939,141
Vancouver ⁷	18,788	39	1,330				
Walla Walla.....	18,109	23	425	451,697	2,737,858	4,458,183	1,720,325
Wenatchee.....	11,620	26	348	309,252	1,125,154	2,036,185	911,031
Yakima.....	27,221	46	1,007	993,906	3,780,223	6,672,526	2,892,303

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 EXPLANATION—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 Seattle-Tacoma Industrial Area comprises King and Pierce Counties. For statistics by industries for the area, see table 9.

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

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

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

CENSUS OF MANUFACTURES: 1939

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

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

CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹	CLASS AND SEX	1939 (Oct. 14) ¹	1929 (Dec. 14) ¹
All classes, aggregate ²	126,002	121,935	Salaried officers and employees—Continued. All other employees, etc.—Continued.		
Male.....	107,878	109,688	Engaged in manufacturing:		
Female.....	18,124	12,247	Male.....	6,910	
			Female.....	2,016	
Salaried officers and employees, total.....	18,510	13,188	Engaged in distribution:		
Male.....	15,138	10,421	Male.....	4,402	
Female.....	3,372	2,767	Female.....	1,144	
Salaried officers of corporations, total.....	1,886	2,464	Engaged in construction:		
Male.....	1,751	2,333	Male.....	1,580	
Female.....	135	131	Engaged in other work:		
All other employees (except wage earners in manufacturing), total.....	10,624	10,724	Male.....	495	
Male.....	13,387	8,088	Female.....	77	
Female.....	3,237	2,636	Wage earners engaged in manufacturing, total.....	107,492	108,747
			Male.....	92,740	90,267
			Female.....	14,752	9,480

¹ See headnote.

² Figures do not include data for 2,263 proprietors and firm members for 1939 and 2,129 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.....	90,324	76,602	76,481	80,467	85,047	90,264	92,246	92,589	96,995	104,694	101,830	95,967	90,716
1937.....	101,260	82,714	86,982	98,817	102,399	106,494	110,620	114,244	113,750	115,570	107,986	93,635	81,903
1929.....	108,732	92,881	93,856	105,960	109,747	113,511	113,916	113,216	117,185	118,248	119,364	110,224	96,686

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.....	3,240	3,591	90,324	108,732	\$636,649,809	\$286,647,263
No wage earners.....	150	107			4,251,021	2,009,879
1 to 5.....	1,494	1,750	3,967	4,731	35,026,871	15,280,635
6 to 20.....	912	928	9,751	10,034	70,185,310	30,267,229
21 to 50.....	328	390	10,545	12,689	68,955,899	30,871,814
51 to 100.....	161	165	11,438	12,006	77,808,764	36,010,454
101 to 250.....	127	160	20,079	25,491	167,436,726	68,992,001
251 to 500.....	50	69	17,331	22,496	100,788,364	53,317,473
501 to 1,000.....	14	19	9,888	12,670	38,605,429	26,564,718
1,001 or more.....	4	5	7,325	8,615	83,591,425	23,333,060

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	3,240	3,591	90,324	108,732	\$636,649,809	\$766,852,015	\$286,647,263	\$352,817,868
\$5,000 to \$19,999.....	1,238	1,323	3,429	3,273	13,784,424	14,765,290	8,394,469	9,534,254
\$20,000 to \$49,999.....	763	786	4,957	4,681	24,267,860	25,137,961	12,905,328	15,140,948
\$50,000 to \$99,999.....	430	459	5,580	5,538	30,831,281	32,171,658	15,539,652	17,650,187
\$100,000 to \$249,999.....	338	474	11,401	12,634	62,218,797	74,707,508	30,430,280	37,885,912
\$250,000 to \$499,999.....	155	212	8,224	11,892	55,149,573	74,627,186	34,628,898	35,390,370
\$500,000 to \$999,999.....	139	151	15,180	16,233	97,468,611	108,491,211	42,938,284	49,676,323
\$1,000,000 to \$2,499,999.....	88	139	20,700	32,445	137,689,355	203,781,610	65,481,437	100,705,661
\$2,500,000 to \$4,999,999.....	29	24	11,690	12,454	96,076,584	84,733,285	51,412,291	46,117,801
\$5,000,000 and over.....	10	13	9,213	9,582	119,186,324	148,436,306	34,917,124	40,716,432

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.....	3,240	3,591	90,324	108,732	\$636,649,809	\$766,852,015	\$286,647,263	\$352,817,868
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	543	(⁴)	47,795	(⁴)	397,267,685	(⁴)	166,432,723	(⁴)
Independent (single-unit).....	1,055	(⁴)	31,572	(⁴)	180,400,363	(⁴)	91,904,976	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	79	(⁴)	1,225	(⁴)	8,631,308	(⁴)	3,078,574	(⁴)
Independent (single-unit).....	1,693	(⁴)	9,732	(⁴)	50,350,453	(⁴)	25,230,990	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	622	323	49,020	27,489	405,898,993	313,278,624	169,511,297	106,346,054
Independent (single-unit), corporate and noncorporate.....	2,618	3,268	41,304	81,243	230,750,816	453,573,391	117,135,966	246,471,814
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	1,598	1,797	79,367	98,739	577,668,048	712,579,806	258,337,699	323,082,470
Noncorporate, total.....	1,642	1,794	10,957	9,993	58,981,761	54,272,209	28,309,564	29,735,398
Individual.....	1,106	(⁴)	6,446	(⁴)	32,895,249	(⁴)	16,227,745	(⁴)
Partnership.....	490	(⁴)	3,990	(⁴)	20,948,564	(⁴)	10,629,496	(⁴)
Cooperative.....	38	(⁴)	506	(⁴)	5,023,311	(⁴)	1,384,913	(⁴)
Other.....	8	(⁴)	15	(⁴)	114,637	(⁴)	67,410	(⁴)

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Num-ber of estab-lish-ments	*Pro- pri- etors and firm mem- bers	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribu- tion	Con- struction	Other
						Salaried em- ployees ²	Wage earners (average for year) ⁴			
1	All industries, total.....	3,240	2,203	108,834	1,886	8,926	90,324	5,546	1,580	572
2	17 Agricultural machinery (except tractors).....	5	1	82	11	10	53	8		
3	16 Batteries, storage and primary (dry and wet).....	4	1	43	2	5	33	3		
4	1 Biscuit, crackers, and pretzels.....	17	8	582	10	33	443	85	3	8
5	19 Boat building and boat repairing.....	11	14	85	4	3	77	1		
6	8 Bookbinding and related industries.....	9	8	45	2	3	37	3		
7	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	330	330	3,105	71	182	2,485	326	7	34
8	13 Brick and hollow structural tile.....	13	4	279	14	12	238	15		
9	20 Brooms.....	3	4	19		2	13	4		
10	20 Brushes.....	4	2	61	6	4	50	1		
11	1 Candy and other confectionery products.....	31	10	704	23	44	472	165		
12	1 Canned and dried fruits and vegetables (including canned soups).....	78	28	4,061	45	297	3,658	43	12	6
13	1 Canned fish, crustacea, and mollusks.....	41	17	931	23	75	790	13	16	
14	4 Canvas products (except bags).....	5	2	64	4	0	38	16		
15	6 Caskets, coffins, burial cases, and other morticians' goods.....	10	7	132	12	16	96	8		
16	13 Cement.....	6		638	2	88	540	2		
17	1 Cereal preparations.....	3	1	33	3	4	15	11		
18	1 Cheese.....	14	10	74	2	14	51	6	1	
19	9 Chemicals not elsewhere classified.....	4	1	212	1	30	128	37		7
20	9 Coal-tar products, crude and intermediate.....	3		27	3	4	20			
21	4 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	8	5	89	13	2	66	7		1
22	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	9		101	3	19	58	21		
23	13 Concrete products.....	38	8	528	87	41	392	45	9	4
24	1 Condensed and evaporated milk.....	11	1	262	4	17	234	7		
25	17 Construction and similar machinery (except mining and oil-field machinery and tools).....	6		365	12	15	314	18	2	4
26	7 Converted paper products not elsewhere classified.....	4	1	506		37	468	1		
27	3 Cordage and twine.....	4	1	71	9	4	64	4		
28	1 Creamery butter.....	109	66	1,048	39	160	564	267	6	12
29	1 Cured fish.....	11	6	194	6	19	137	26	2	4
30	4 Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	5	3	97		7	85	4	1	
31	20 Dental equipment and supplies.....	4	4	10			7	3		
32	9 Drugs and medicines (including drug grinding).....	10	6	44	4	5	27	8		
33	16 Electrical appliances.....	7	3	43	6	2	32	2		1
34	15 Electroplating, plating, and polishing.....	3	3	18			17			
35	8 Electrotyping and stereotyping, not done in printing establishments.....	4	3	16	3	1	11	1		
36	8 Engraving (steel, copperplate, and wood); plate printing.....	4	3	56	4	4	45	3		
37	7 Envelopes.....	3	1	43	2	5	29	7		
38	9 Explosives.....	4	1	340	1	32	284	19	10	
39	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	11	10	56	5	5	43	3		
40	9 Fertilizers.....	6	3	28	2	4	19	3		
41	9 Fish and other marine oils, cake, and meal.....	3	1	32	2	5	23	1	1	
42	1 Flavoring extracts and flavoring sirups, not elsewhere classified.....	6	7	50	3	5	23	19		
43	1 Flour and other grain-mill products.....	26	15	1,336	16	149	850	314	6	1
44	1 Food preparations, not elsewhere classified.....	24	14	179	15	14	122	23		
45	17 Food-products machinery.....	7	1	69	6	12	49	2		
46	12 Footwear (except rubber).....	6	5	106	4	8	80	14		
47	14 Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	5		96	4	14	65	12	1	
48	4 Fur coats and other fur garments, accessories, and trimmings.....	16	13	157	13	9	111	24		
49	8 General commercial (job) printing.....	147	122	1,102	84	137	778	103		
50	18 Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	6	1	123	8	31	80	4		
51	9 Glue and gelatin.....	5		83	4	13	58	7	1	
52	14 Gray-iron and semisteel castings.....	28	23	471	24	29	402	10	6	
53	20 Hand stamps, stencils, and brands.....	5	2	59	4	3	39	13		
54	4 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	6	3	151	5	8	124	13		1
55	6 Household furniture (except upholstered).....	25	14	1,303	18	92	1,138	50	5	
56	1 Ice cream and ices.....	41	16	411	13	59	190	139	4	6
57	1 Ice, manufactured.....	33	9	333	25	20	179	87	7	15
58	12 Industrial leather belting and packing leather.....	3	3	4			4			
59	17 Industrial machinery, not elsewhere classified.....	6	1	419	8	39	344	22	6	
60	9 Insecticides, fungicides, and related industrial and household chemical compounds.....	14	5	49	3	11	31	4		
61	15 Jewelry (precious metals).....	10	12	53		5	41	7		
62	3 Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	10	6	155	6	14	120	15		
63	12 Leather gloves and mittens.....	5	5	66	1	4	58	3		
64	13 Lime.....	5	1	189	3	21	151	4	10	
65	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	12	5	267	26	37	173	29	1	1
66	5 Logging camps and logging contractors (not operating sawmills).....	231	247	8,001	89	319	7,162	59	328	54

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, larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
155,878,058	7,707,262	17,378,469	118,328,333	9,346,392	2,216,891	902,711	350,002,546	329,882,548	7,926,348	6,396,062	6,797,598	630,649,800	286,647,263
115,096	36,006	11,379	50,268	17,453	-----	-----	103,587	101,157	357	2,043	-----	276,358	172,801
60,768	9,662	11,588	44,285	4,233	-----	-----	199,349	191,264	2,645	5,440	-----	277,668	78,319
716,865	57,220	69,236	420,762	149,182	5,577	14,908	1,193,250	1,145,245	28,450	19,525	-----	2,794,478	1,601,228
130,624	12,600	3,825	118,419	780	-----	-----	118,851	114,227	154	2,920	1,540	305,897	187,040
49,043	2,250	2,275	41,491	3,027	-----	-----	84,324	29,030	169	1,060	4,065	122,959	88,665
4,678,267	214,732	348,351	3,756,418	325,276	9,469	24,021	7,274,396	6,899,022	169,965	205,409	-----	16,363,218	9,088,822
359,106	32,416	17,723	281,981	27,036	-----	-----	156,469	54,065	90,150	12,234	-----	555,436	398,967
20,087	-----	603	15,390	4,094	-----	-----	29,651	29,271	109	271	-----	59,089	29,438
814,777	89,497	63,411	415,299	246,570	-----	-----	1,415,308	1,385,911	17,457	11,940	-----	2,649,500	1,234,192
3,424,179	160,858	382,847	2,800,045	52,752	19,164	8,513	11,734,185	11,434,951	210,901	78,623	9,710	19,700,116	7,965,931
683,596	82,733	101,797	480,818	11,855	6,818	375	3,053,843	3,019,272	28,498	11,073	-----	5,250,215	2,196,372
100,127	14,690	10,502	50,903	24,032	-----	-----	178,839	177,238	476	1,125	-----	299,310	120,471
211,328	40,696	27,867	123,505	17,460	-----	1,800	287,378	279,920	2,088	5,370	-----	625,624	338,246
1,179,008	12,300	224,111	936,903	4,285	1,409	-----	2,855,616	1,021,489	1,387,419	446,708	-----	8,421,286	5,505,670
()	()	()	()	()	()	()	()	()	()	()	()	()	()
103,197	15,000	26,214	51,472	9,071	1,440	-----	845,724	827,091	10,770	7,363	500	1,073,949	228,225
()	()	()	()	()	()	()	()	()	()	()	()	()	()
()	()	()	()	()	()	()	()	()	()	()	()	()	()
130,065	42,773	6,717	68,189	10,529	-----	1,857	191,947	190,183	355	1,409	-----	373,782	181,835
191,658	16,200	39,563	93,006	42,889	-----	-----	194,243	156,894	1,489	35,890	-----	770,275	578,032
848,190	138,358	67,594	589,865	83,066	14,777	3,900	1,457,775	1,450,673	7,043	26,186	3,873	3,006,631	1,818,866
351,630	12,005	30,489	297,531	11,509	96	-----	4,326,964	4,213,425	84,192	24,538	4,809	5,595,641	1,268,677
745,276	83,744	28,088	590,813	38,234	1,973	2,424	992,132	948,134	24,519	15,288	4,191	1,887,776	895,644
()	()	()	()	()	()	()	()	()	()	()	()	()	()
103,892	31,120	7,100	58,302	7,370	-----	-----	198,029	190,776	1,411	5,842	-----	408,355	210,326
1,880,305	97,728	236,268	691,811	324,339	11,021	19,140	10,233,779	9,903,027	189,769	140,983	-----	12,716,037	2,482,258
222,374	36,430	32,187	103,306	37,208	8,469	4,774	1,055,568	1,056,958	3,646	4,022	942	1,486,879	421,311
77,243	-----	11,926	58,671	5,606	950	-----	302,702	298,415	-----	1,888	2,399	470,720	168,018
12,052	-----	-----	8,932	3,120	-----	-----	11,620	11,326	127	167	-----	44,764	33,144
()	()	()	()	()	()	()	()	()	()	()	()	()	()
53,835	9,525	2,364	39,038	1,800	-----	1,108	96,038	94,420	228	1,390	-----	167,927	71,889
29,358	1,200	-----	28,158	-----	-----	-----	12,573	10,063	1,206	1,304	-----	61,929	49,356
42,613	18,600	2,380	19,333	2,300	-----	-----	13,449	10,188	966	1,987	308	72,467	59,018
104,685	14,721	7,631	75,333	7,000	-----	-----	52,256	46,591	261	763	4,651	198,966	146,710
()	()	()	()	()	()	()	()	()	()	()	()	()	()
()	()	()	()	()	()	()	()	()	()	()	()	()	()
79,914	11,989	4,103	58,218	5,604	-----	-----	122,358	112,194	858	2,588	6,718	269,447	147,089
38,564	6,050	7,234	21,170	4,110	-----	-----	386,597	383,473	3,124	3,124	-----	496,166	109,569
28,083	5,500	3,169	17,654	1,196	514	-----	112,336	106,580	3,312	2,444	-----	150,983	33,647
()	()	()	()	()	()	()	()	()	()	()	()	()	()
2,286,141	100,135	316,841	1,316,654	545,595	6,018	900	18,979,821	18,733,085	13,688	233,048	-----	25,018,207	6,038,386
202,952	51,402	19,953	96,281	35,316	-----	-----	1,020,349	1,001,215	10,899	7,584	681	1,481,943	481,594
117,606	20,320	24,501	69,093	3,602	-----	-----	131,228	119,228	1,495	3,910	6,596	322,885	191,656
149,934	14,100	14,894	99,738	21,202	-----	-----	241,212	236,730	1,195	3,287	-----	443,793	202,681
142,894	12,748	22,338	87,705	19,299	804	-----	271,507	251,987	8,868	10,632	-----	594,501	322,994
241,501	60,612	18,404	137,308	25,177	-----	-----	179,883	170,945	535	4,103	4,480	473,393	293,580
1,750,168	241,904	218,695	1,096,381	193,218	-----	-----	1,563,476	1,388,870	11,417	41,390	122,099	4,443,772	2,890,296
213,861	18,010	61,868	127,880	6,105	-----	-----	450,722	444,461	1,690	4,571	-----	613,803	463,081
162,525	16,130	27,250	87,748	20,867	721	-----	1,582,131	1,570,969	1,871	8,705	686	2,286,824	703,193
683,401	69,542	59,085	530,749	20,792	3,233	-----	448,175	351,867	65,116	28,813	2,879	1,640,599	1,092,424
76,411	6,791	5,065	51,153	13,402	-----	-----	58,354	56,053	495	1,806	-----	181,155	122,801
132,134	15,659	12,565	87,788	15,679	-----	443	164,596	162,611	335	1,652	-----	356,938	192,340
1,569,800	100,379	191,287	1,165,512	104,627	7,795	-----	1,964,648	1,918,501	2,529	43,618	-----	4,219,711	2,255,063
644,927	82,839	76,464	242,082	263,324	3,042	8,186	1,792,813	1,713,885	19,588	59,340	-----	3,491,811	1,698,498
482,373	120,967	35,754	204,264	91,259	7,076	22,453	219,541	52,414	12,591	154,536	-----	1,188,636	999,095
6,359	-----	-----	6,359	-----	-----	-----	20,860	20,234	123	33,348	-----	12,488	59
717,800	42,472	85,653	536,683	49,795	3,297	-----	683,554	625,536	22,867	22,691	12,460	1,767,322	1,083,768
82,850	5,507	15,711	34,960	26,381	-----	300	179,740	175,127	2,827	1,636	150	391,750	212,010
70,087	-----	5,473	69,188	5,370	-----	-----	67,936	63,873	394	721	3,248	174,763	106,827
125,734	19,552	16,064	75,989	14,179	-----	-----	218,689	212,832	1,784	4,073	-----	422,030	203,341
54,639	2,220	7,318	43,524	1,577	-----	-----	115,562	114,283	467	812	-----	200,446	84,884
()	()	()	()	()	()	()	()	()	()	()	()	()	()
800,631	106,214	65,182	259,120	88,545	1,561	-----	419,299	388,941	2,171	6,716	21,441	1,091,671	672,402
10,628,724	364,084	728,664	8,907,987	101,888	461,317	64,784	11,893,018	9,111,890	711,835	2,058,338	-----	28,215,604	16,322,586

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	Others
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	9	4	2	17		3	5	4	5	
2	1	11	7	131	13	8	87	23		
3	8	12	13	47	5	5	38	4		
4	17	44	34	481	29	67	352	29	4	
5	17	54	51	312	23	27	253	7	1	1
6	17	4	3	16		4	11	1		
7	1	14		1,031	27	118	562	253	52	19
8	6	13	9	212	3	9	183	15		2
9	1	40	30	1,898	31	104	1,245	399	30	20
10	4	4	2	59	4	6	36	9		4
11	4	7	9	142	3	14	107	18		
12	17	3	1	194	5	18	137	14	4	16
13	13	8	4	46	1	6	31	7		1
14	20	4	4	19	2	2	15			
15	4	4	3	27		5	21	1		
16	20	7	9	18	2	1	15			
17	13	8	2	122	7	4	94	17		
18	18	17	17	465	9	34	350	72		
19	8	128	110	3,381	65	1,117	1,467	732		
20	8	12	7	156	1	148	3	4		
21	1	35	20	300	19	19	99	162		1
22	15	14	8	107	15	9	74	7		2
23	15	5	7	47	1	2	38	3		3
24	14	3	1	17	3	4	9	1		
25	9	16	4	189	19	11	71	71		17
26	7	13		3,536	7	241	3,137	21	130	
27	7	13	2	598	19	42	511	17	9	
28	6	10	4	144	17	8	109	10		
29	9	4		50	7	6	32	5		
30	8	11	6	244	12	33	152	47		
31	8	34	20	158	21	108		29		
32	8	14	8	112	14	16	66	16		
33	1	8	8	52	5	2	43	2		
34	5	87	35	3,651	68	208	3,234	125	12	4
35	5	11	1	3,268	17	120	3,076	17	16	12
36	13	5	4	15	3	1	11			
37	1	24	18	169	4	7	152	6		
38	14	14	9	240	13	33	184	16		
39	1	67	30	573	17	59	422	62	10	3
40	1	4		86	7	7	62	10		
41	7	19		4,481	8	506	3,850	15	34	63
42	1	10	1	609	9	35	558	4		3
43	16	4		20	3	3	11	3		
44	17	7	4	45	3	6	36			
45	11	4	2	43	3	6	29	5		
46	1	6	6	107	6	18	67	15	1	
47	1	14	13	133	4	12	89	28		
48	5	419	372	33,142	229	1,377	30,117	464	754	201
49	14	5	2	126	4	10	86	26		
50	15	31	28	312	11	33	246	22		
51	19	30	25	1,603	24	87	1,484	5	3	
52	20	25	19	266	14	44	177	31		
53	9	5	1	58	7	8	34	9		
54	20	13	7	143	12	10	113	8		
55	14	3	2	16	3	1	9	3		
56	14	3	2	18	1	4	13			
57	13	3	2	13		1	10	2		
58	14	3		90	5	6	74	5		
59	17	4	2	22	1	3	11	7		
60	14	7	1	280	9	23	228	19	1	
61	12	5	2	78	4	7	60	7		
62	20	5	1	35	2	3	26	4		
63	14	5		437	2	58	875	2		
64	14	3	1	15	1		14	14		
65	4	3	5	22		2	19	1		
66	6	24	20	353	11	25	292	25		
67	6	8	9	44		3	41			
68	1	7	1	50	3	6	45	2		
69	6	3	3	6		1	5			
70	1	16	7	152	17	22	88	23		2

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 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	
14,712		3,909	4,039	5,797	967		18,427	17,164	758	805		61,227	42,800	
141,788	28,518	8,816	72,155	32,249			364,176	246,496	4,708	12,782	220	633,704	269,528	
84,087	10,790	6,192	63,625	3,480			13,431	8,167	2,579	2,428	257	170,333	156,902	
703,541	74,326	100,026	487,111	39,759	1,719		886,951	851,186	7,898	26,408	1,464	1,891,182	1,004,231	
477,630	67,624	42,643	357,628	7,885	1,525	225	886,951	358,261	5,189	17,795	5,706	1,191,458	804,507	
20,387		6,678	13,087	622			8,250	7,729	84	487		41,262	33,012	
1,975,599	224,384	271,711	933,187	480,448	35,658	30,141	3,278,157	3,134,445	63,252	80,460		9,072,586	5,794,379	
271,539	10,200	17,750	198,527	42,826		2,236	514,181	504,224	893	8,638	1,016	1,057,617	543,436	
2,832,080	161,405	284,038	1,631,348	668,031	41,994	44,364	21,819,947	21,538,219	127,855	117,408	16,405	26,124,641	4,304,094	
83,006	12,925	11,455	82,521	21,951		4,154	63,408	60,972	65	2,371		188,045	124,637	
129,092	12,201	16,102	73,831	26,958			116,849	114,690	406	1,813		319,931	203,082	
367,088	69,729	36,882	195,333	32,618	5,734	26,792	645,927	629,630	8,117	8,280		1,023,159	377,232	
72,309	3,000	4,470	50,970	6,609		1,200	81,222	78,226	871	1,501	564	186,224	105,062	
24,772	3,700	4,355	16,717				17,064	15,345	468	359	882	45,213	28,129	
24,048		6,216	16,532	1,300			64,372	62,603	75	894	800	122,413	58,041	
25,263	6,400	276	18,587				12,350	10,966	453	940		70,078	57,719	
187,367	17,975	7,621	139,546	22,225			140,838	129,725	1,772	9,341		499,973	359,135	
782,646	42,540	70,714	620,230	140,162			1,539,397	1,520,154	2,182	7,962	9,099	2,350,341	810,944	
6,067,742	374,709	1,867,842	2,625,495	1,299,606			3,068,462	2,690,574	32,326	108,174	237,388	13,091,636	10,023,478	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	
507,899	63,353	29,053	158,812	314,001		2,680	921,902	894,470	9,219	18,213		2,168,584	1,246,682	
178,818	54,818	10,773	96,501	14,780		1,946	166,867	145,490	4,854	3,658	12,865	416,180	249,813	
66,860	10,000	3,740	43,948	6,557		2,015	61,587	57,523	801	2,387	876	178,985	117,348	
31,442	13,385	4,562	12,023	1,472			53,962	48,579	304	720	4,389	94,994	41,002	
333,301	77,647	23,497	91,689	119,744		20,724	940,747	929,991	1,727	9,629		1,519,511	578,764	
5,549,895	71,366	664,525	4,539,148	52,371	222,485		17,416,041	15,656,368	918,781	840,713	179	33,961,138	16,545,097	
810,924	88,062	80,601	691,037	34,377	16,847		2,347,587	2,327,449	9,370	9,101	1,667	4,358,057	2,010,470	
205,417	33,815	13,558	146,326	11,918			171,569	162,851	588	5,538	2,592	428,568	256,999	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
367,263	53,422	69,280	200,335	44,226			118,343	105,899	1,545	7,754	3,145	667,911	349,568	
311,086	105,077	160,055		39,954			465,020	17,763		40	447,217	1,052,621	587,601	
273,891	58,472	25,852	166,707	22,860			72,602	61,295	1,222	5,582	4,503	494,875	422,273	
47,934	5,640	3,226	35,266	3,802			148,327	146,175	1,376	776		222,461	74,134	
4,704,537	313,212	370,123	3,772,801	225,811	18,935	3,655	10,587,812	10,089,723	17,584	231,259	48,746	17,332,815	6,945,503	
5,217,904	120,486	277,063	4,672,810	96,348	40,307	10,890	8,116,533	7,870,384		245,999		17,907,465	9,790,932	
13,520	2,923	1,200	9,897				7,196	4,233	2,063	900		37,737	30,541	
189,452	9,085	13,616	159,740	7,611			1,030,203	1,016,731	8,109	5,363		1,507,696	477,693	
362,603	46,400	54,816	236,852	24,935			483,820	465,982	2,451	12,519	2,568	963,181	509,361	
714,635	45,558	87,840	476,776	77,929	23,221	3,320	9,000,407	8,857,884	19,230	83,926	9,367	11,616,293	2,615,796	
117,754	24,500	17,694	65,451	14,429		5,680	491,455	483,221	4,701	3,533		616,746	125,291	
7,701,623	62,779	1,323,035	5,956,883	68,447	111,391	179,088	20,219,364	18,179,766	1,175,454	864,144		37,288,153	17,068,819	
381,036	35,213	47,176	284,160	6,169	6,816	1,472	1,560,700	1,539,313	7,388	13,999		2,630,320	1,069,620	
33,103	8,260	5,164	13,370	0,379			32,780	31,390	525	865		81,099	44,319	
77,095	6,630	14,461	56,904				92,580	90,365	524	1,691		209,869	117,289	
64,329	6,000	8,662	38,806	-10,861			50,231	45,272	2,126	2,833		159,417	109,186	
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	
213,551	8,580	18,255	134,868	51,848			1,670,727	1,649,813	9,999	10,915		2,080,661	409,934	
46,072,671	1,044,346	3,128,736	39,861,253	791,856	940,054	306,426	51,528,783	47,951,012	778,013	687,762	2,111,996	123,604,988	72,076,205	
232,957	14,572	20,220	151,794	46,371			149,224	138,393	4,078	5,353	1,400	517,474	368,250	
436,192	40,192	42,024	316,403	37,573			619,324	608,716	1,209	8,217	1,182	1,331,565	712,241	
2,851,607	107,960	231,554	2,493,779	13,233	5,081		2,741,474	2,571,364	18,865	50,245	101,000	6,381,417	3,639,943	
466,786	62,608	72,630	260,893	70,755			229,477	215,963	4,328	8,126	1,060	980,582	751,105	
96,753	20,411	12,380	46,540	17,422			136,023	133,992	1,715	316		250,098	114,075	
116,658	20,324	10,568	77,979	7,787			227,617	133,496	311	1,901	71,909	427,295	199,678	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
28,348	3,600	6,417	18,331				35,869	33,765	319	780	505	73,238	37,869	
17,521		900	14,071	2,550			18,915	18,205	213	497		59,942	31,027	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
29,770	900	4,745	16,255	7,810			36,176	34,665	778	733		84,272	48,096	
444,935	81,266	43,141	282,484	37,544	600		382,320	362,597	11,118	8,005		983,132	600,812	
109,019	28,053	11,533	64,421	5,012			166,168	163,153	866	2,149		339,128	172,960	
51,377	6,800	5,928	34,785	3,884			30,897	27,618	30	1,004	2,245	150,273	119,376	
597,623	6,900	119,028	466,128	3,199	2,368		7,801,926	7,252,267	23,822	25,837		10,032,960	2,731,084	
21,134	2,700	18,434	18,434	(5)			18,849	12,717	2,378	840	2,914	50,154	31,305	
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	
464,978	17,925	45,373	353,968	47,712			756,418	744,957	2,070	9,229	62	1,474,390	717,972	
38,305		2,967	35,338				124,263	122,451	464	1,348		202,816	78,053	
44,094	4,575	5,087	33,757	675			195,903	187,477	4,267	4,169		370,583	174,680	
4,708		1,300	3,408				17,749	17,369		380		27,352	9,603	
200,863	38,887	40,903	91,277	28,714		1,082	589,010	574,223	8,301	5,186	1,300	1,208,811	619,801	

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 ²	Manufacturing		Distribu- tion	Con- struction	Other
						Salaried employ-ees ²	Wage earners (average for year) ²			
1 14	Wirework not elsewhere classified.....	7	4	115	8	7	87	13		
2 4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	3	1	87	3	7	77			
3 4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	9	8	234	4	20	198	8		4
4 6	Wooden boxes except cigar boxes.....	17	10	881	16	45	809	11		
5 6	Wood preserving.....	11	2	402	8	34	351	9		
6 6	Wood products not elsewhere classified.....	16	8	208	11	22	160	15		
7 17	Woodworking machinery.....	10	3	257	10	23	215	8	1	
8 4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	10	8	741	17	35	508	87	2	2
9	Other industries ³	216	99	12,531	168	1,783	10,082	385	87	26
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴									
10 1	Food and kindred products.....	22	14	484	10	67	352	45	1	
11 4	Apparel and other finished products made from fabrics and similar materials.....	23	21	698	18	32	598	50		
12 7	Paper and allied products.....	10	2	682	5	61	608	8		
13 8	Printing, publishing, and allied industries.....	16	10	256	6	183	35	32		
14 9	Chemicals and allied products.....	36	12	768	19	99	557	73	10	10
15 12	Leather and leather products.....	4	2	22	2	1	19			
16 13	Stone, clay, and glass products.....	22	4	715	16	59	601	20	17	2
17 14	Iron and steel and their products, except machinery.....	22	14	1,181	26	104	1,028	21	2	
18 17	Machinery (except electrical).....	13	4	877	9	62	280	26		
19 20	Miscellaneous industries.....	18	8	260	19	19	200	19	3	
20 6	Furniture and finished lumber products.....	6	3	315	7	19	268	20	1	
10 10	Products of petroleum and coal.....	4		110	3	8	69	25	5	
15 15	Nonferrous metals and their products.....	9	2	1,409	7	123	1,204	14	47	14
19 19	Transportation equipment except automobiles.....	5		4,925	7	916	3,974	28		
3 3	Textile-mill products and other fiber manufactures.....	4								
18 18	Electrical machinery.....	1	3	329	5	30	289	4	1	
18 18	Automobiles and automobile equipment.....	1								

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

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

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

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

WASHINGTON

1053

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										
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
193,475	29,550	13,701	122,903	27,321			544,293	535,348	488	8,157	300	1,037,066	492,773
(⁵)	(⁵)	(⁵)	(⁵)				(⁵)	(⁵)		(⁵)		(⁵)	(⁵)
198,558	19,090	21,774	145,095	11,005		1,684	298,555	294,546	191	2,705	1,113	634,165	335,610
1,020,039	85,730	91,370	820,965	16,574	2,100	3,300	1,157,087	1,109,294	41	43,114	4,638	2,776,478	1,619,391
544,385	17,502	73,410	430,064	22,809			2,054,663	2,972,111	61,324	21,228		4,341,579	1,288,916
240,387	24,542	33,046	183,304	5,435			382,279	360,761	826	20,702		811,803	429,624
424,279	39,213	41,737	323,544	18,094	1,691		385,645	366,524	4,465	14,656		1,084,371	608,726
720,051	66,151	48,348	461,033	146,387	2,130	1,102	1,344,569	1,332,074	4,144	7,838	513	2,280,193	635,624
19,249,011	780,208	3,323,268	14,213,184	756,073	158,229	68,049	76,513,116	73,803,364	1,373,232	929,608	406,912	112,760,671	36,247,555
738,894	72,885	138,679	397,122	84,298	7,443	38,467	3,406,815	3,275,049	105,926	27,840		5,090,432	1,681,617
684,758	63,730	45,272	485,215	90,539			2,133,140	2,120,936	2,932	9,272		3,354,040	1,220,900
842,424	20,799	126,223	668,281	22,869	4,252		3,936,968	3,901,960	2,355	8,419	24,214	5,968,008	3,031,040
809,986	29,739	247,875	45,981	46,391			543,694	189,546	662	2,529	350,957	1,492,665	948,971
1,282,629	70,443	244,978	797,480	158,225	9,364	7,139	5,296,785	4,728,203	203,487	364,263	532	9,784,402	4,487,617
31,106	7,200	802	23,104				51,897	50,442	381	974	100	89,358	37,461
881,514	45,212	105,268	667,144	25,952	36,732	1,216	875,526	620,333	205,414	49,779		2,340,575	1,465,049
2,205,053	140,337	275,528	1,705,638	75,890	7,660		3,697,334	3,277,191	272,800	146,847	996	7,244,858	3,547,054
674,031	45,364	102,582	483,880	42,205			442,274	422,230	4,418	13,360	2,276	1,455,186	992,912
407,902	68,146	57,244	255,756	20,155	6,061		715,321	663,201	5,544	12,990	3,586	1,403,296	687,975
11,130,656	166,353	1,978,827	8,683,583	194,549	86,117	21,227	55,411,362	54,524,253	569,813	293,345	23,951	73,558,321	18,146,969

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 THE SEATTLE-

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

Group No.	INDUSTRY	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹								
		*Number of establishments	*Proprietors and firm members	Total ²	Salaried officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other
						Salaried em- ployees ²	Wage earners (average for year) ³			
1	All industries, total.....	1,539	958	46,338	1,149	4,324	36,853	3,462	323	227
2 16	Batteries, storage and primary (dry and wet) *	4	1	43	2	5	33	3		
3 1	Biscuit, crackers, and pretzels.....	12	6	422	9	23	332	48	3	7
4 19	Boat building and boat repairing.....	8	11	64	4	1	58	1		
5 8	Bookbinding and related industries.....	6	5	26	2	1	22	1		
6 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	141	131	1,862	43	117	1,515	172	0	9
7 13	Brick and hollow structural tile.....	4		148	8	7	125	8		
8 1	Candy and other confectionery products.....	24	14	583	19	34	394	136		
9 1	Canned and dried fruits and vegetables (including canned soups).....	16	6	771	10	54	695	11	1	
10 1	Canned fish, crustacea, and mollusks.....	6	2	46	10	4	31	1		
11 6	Caskets, coffins, burial cases, and other morticians' goods.....	4	2	25	6	1	18			
12 4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	8	5	89	13	2	66	7		1
13 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6		76	3	14	38	21		
14 13	Concrete products.....	20	6	326	20	18	255	25	4	4
15 1	Condensed and evaporated milk.....	3		33	2	1	25	5		
16 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	6		365	12	15	314	18	2	4
17 1	Creamery butter.....	17	7	159	8	15	69	64	2	1
18 1	Cured fish.....	8	5	144	5	13	102	22	2	
19 4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	5	3	97		7	85	4	1	
20 20	Dental equipment and supplies.....	4	4	10			7	3		
21 9	Drugs and medicines (including drug grinding).....	7	2	32	4	3	20	5		
22 15	Electroplating, plating, and polishing.....	3	3	18	1		17			
23 14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills *	11	10	56	5	5	43	3		
24 9	Fertilizers *	6	3	28	2	4	19			
25 1	Flour and other grain-mill products.....	6	2	905	7	75	563	257	3	
26 1	Food preparations, not elsewhere classified *	19	13	184	10	11	89	24		
27 17	Food-products machinery.....	4	1	49	5	9	33	2		
28 4	Fur coats and other fur garments, accessories, and trimmings.....	16	13	157	13	9	111	24		
29 8	General commercial (job) printing.....	94	78	695	65	81	481	68		
30 16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	6	1	123	8	31	80	4		
31 9	Glue and gelatin.....	5		83	4	13	58	7	1	
32 14	Gray-iron and semisteel castings.....	17	16	371	18	22	324	7		
33 20	Hand stamps, stencils, and brands *	5	2	59	4	3	39	13		
34 4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors *	6	3	151	5	8	124	13		1
35 6	Household furniture, except upholstered.....	17	10	839	15	56	726	37	5	
36 1	Ice cream and ices.....	19	6	237	4	33	111	84	3	2
37 1	Ice, manufactured.....	12	3	158	11	7	85	40	3	12
38 9	Insecticides, fungicides, and related industrial and household chemical compounds.....	6	1	25	3	4	17	1		
39 15	Jewelry (precious metals).....	10	12	53		5	41	7		
40 8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	9	1	241	22	34	154	29	1	1
41 5	Logging camps and logging contractors (not operating sawmills).....	22	19	794	15	28	633	6	27	25
42 9	Lubricating oils and greases—not made in petroleum refineries.....	4	2	17		3	5	4	5	
43 8	Machine and hand typesetting (including advertisement typesetting).....	9	8	43	5	3	31	4		
44 17	Machine-shop products not elsewhere classified.....	29	19	271	21	29	194	27		
45 17	Machine-shop repairs.....	24	17	145	13	11	120			1
46 17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools *	4	3	16		4	11	1		
47 1	Malt liquors.....	4		371	10	29	189	135		8
48 6	Mattresses and bedsprings.....	8	6	157	1	7	133	14		2
49 1	Meat packing, wholesale.....	14	10	893	14	67	555	221	22	14
50 4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	4	2	59	4	6	36	9		4
51 4	Millinery.....	7	9	142	3	14	107	18		
52 13	Mirrors and other glass products made of purchased glass *	8	4	46	1	6	31	7		1
53 4	Miscellaneous fabricated textile products not elsewhere classified.....	4	3	27		5	21	1		
54 20	Models and patterns (except paper patterns).....	7	9	17	2	1	14			
55 18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	14	9	408	9	31	293	70		
56 8	Newspapers: publishing and printing.....	32	26	1,641	19	469	734	419		
57 8	Newspapers: publishing without printing.....	9	7	27	1	10	3	4		
58 1	Nonalcoholic beverages.....	13	5	164	10	7	53	93		
59 15	Nonferrous-metal foundries (except aluminum).....	11	5	100	15	7	69	7		2
60 15	Nonferrous-metal products not elsewhere classified.....	5	7	47	1	2	38	3		3
61 14	Oil burners, domestic and industrial.....	3	1	17	3	4	9	1		
62 9	Paints, varnishes, and lacquers.....	12	2	135	18	9	51	55		2
63 9	Perfumes, cosmetics, and other toilet preparations.....	4		50	7	6	32	5		
64 8	Periodicals: publishing and printing.....	8	2	209	11	25	133	40		
65 8	Periodicals: publishing without printing *	34	20	158	21	108		29		
66 8	Photoengraving, not done in printing establishments (including preparation of plates) *	14	8	112	14	16	66	16		

See footnotes at end of table.

TACOMA INDUSTRIAL AREA, BY INDUSTRIES: 1939

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

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture
Total	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work		
Dollars 70,834,750	Dollars 4,734,777	Dollars 8,368,657	Dollars 50,708,151	Dollars 6,208,675	Dollars 524,894	Dollars 289,596	Dollars 178,018,521	Dollars 170,990,418	Dollars 2,500,852	Dollars 2,581,777	Dollars 1,945,474	Dollars 302,228,607	Dollars 124,208,066
69,768	9,062	11,588	44,285	4,233	5,089	13,465	190,349	191,264	2,645	5,440	-----	277,668	78,319
508,264	53,620	45,788	308,000	82,293	-----	-----	906,241	874,185	17,630	14,446	-----	2,032,764	1,126,523
107,818	12,000	945	93,493	780	-----	-----	88,487	85,017	25	1,965	1,480	234,557	146,070
33,464	2,250	1,000	28,807	1,427	-----	-----	18,253	15,808	89	810	1,546	80,964	62,711
3,008,689	133,387	237,889	2,426,254	196,957	8,045	6,157	4,290,199	4,097,714	90,131	102,854	-----	9,990,045	5,609,846
210,485	20,400	9,323	163,923	16,839	-----	-----	80,306	32,381	45,044	8,881	-----	309,394	223,088
683,789	82,602	47,157	348,138	205,892	-----	-----	1,213,274	1,188,698	15,053	9,493	-----	2,240,509	1,027,235
693,275	18,960	82,411	572,261	18,116	1,527	-----	2,841,780	2,800,647	24,117	17,016	-----	4,385,068	1,543,288
56,170	21,500	8,683	27,067	1,920	-----	-----	200,290	197,258	2,068	774	-----	340,827	140,627
39,479	11,696	528	24,855	600	-----	1,800	78,311	77,021	624	666	-----	141,774	63,463
130,065	42,773	6,717	68,189	10,520	-----	1,857	191,947	190,183	355	1,409	-----	373,782	181,835
(9)	(9)	(9)	(9)	(9)	-----	-----	(9)	(9)	(9)	(9)	-----	(9)	(9)
536,403	67,883	28,741	879,493	48,199	8,227	3,900	960,272	940,513	4,066	15,398	305	2,035,164	1,074,892
(9)	(9)	(9)	(9)	(9)	-----	-----	(9)	(9)	(9)	(9)	-----	(9)	(9)
745,276	83,744	28,088	590,813	38,234	1,973	2,424	992,132	948,134	24,519	15,288	4,191	1,887,776	895,644
241,224	22,240	22,944	92,702	98,494	3,926	918	1,364,817	1,326,256	18,383	20,178	(9)	1,809,331	444,514
(9)	(9)	(9)	(9)	(9)	(9)	-----	(9)	(9)	(9)	(9)	-----	(9)	(9)
77,243	-----	11,926	58,671	5,696	950	-----	302,702	298,415	-----	1,888	2,399	470,720	168,013
12,052	(9)	(9)	8,932	3,120	-----	-----	11,620	11,326	127	167	(9)	44,764	33,144
(9)	(9)	(9)	(9)	(9)	-----	-----	(9)	(9)	(9)	(9)	-----	(9)	(9)
29,858	1,200	-----	28,153	-----	-----	-----	12,573	10,063	1,206	1,304	-----	61,929	49,356
79,914	11,089	4,103	58,218	5,604	-----	-----	122,358	112,194	858	2,588	6,718	269,447	147,089
38,594	6,050	7,294	21,170	4,110	-----	-----	896,597	853,473	3,124	3,124	-----	496,166	109,569
1,593,637	65,069	172,422	910,607	442,654	4,885	-----	12,849,008	12,722,648	6,386	120,574	-----	16,797,561	3,947,953
188,995	35,258	16,713	76,923	30,101	-----	-----	899,403	855,728	7,294	5,790	681	1,288,739	389,336
91,173	18,520	18,591	50,460	3,602	-----	-----	109,497	100,706	790	2,022	5,979	299,618	160,121
241,601	60,612	18,404	137,308	25,177	-----	-----	179,833	170,945	335	4,103	4,450	473,393	283,500
1,181,383	193,428	135,783	730,519	121,653	-----	-----	995,968	786,245	7,047	27,176	75,530	2,830,133	1,934,155
213,561	18,010	61,866	127,880	6,105	-----	-----	450,722	444,461	1,090	4,571	-----	912,803	463,081
162,525	16,130	20,667	87,748	20,667	721	-----	1,582,131	1,570,999	1,971	8,705	586	2,285,324	703,193
558,859	55,574	46,027	440,801	16,427	-----	-----	374,166	288,883	58,908	23,528	2,787	1,226,061	851,895
76,411	6,791	5,065	51,193	13,402	-----	-----	58,354	56,053	495	1,806	-----	181,155	122,801
132,134	15,659	12,565	87,788	15,679	(9)	-----	164,598	162,611	335	1,652	-----	356,938	192,340
(9)	(9)	(9)	(9)	(9)	(9)	-----	(9)	(9)	(9)	(9)	-----	(9)	(9)
400,257	31,759	35,888	145,929	133,388	1,693	1,600	1,223,789	1,191,801	7,553	24,415	-----	2,262,909	1,069,140
224,718	35,600	13,410	103,188	51,867	-----	20,653	91,805	24,234	9,391	58,180	-----	599,250	507,475
47,813	4,757	7,186	21,317	14,553	-----	-----	81,708	78,720	1,857	1,125	-----	231,009	149,301
70,037	-----	5,473	59,188	5,376	-----	-----	67,536	63,573	394	721	3,248	174,763	106,827
404,081	92,414	60,131	242,670	67,405	1,561	-----	374,458	345,270	2,111	5,944	21,133	988,9	

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

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
COUNTIES IN WEST VIRGINIA ⁶ —continued							
Taylor.....	19,919	7	311	\$351,963	\$207,385	\$774,065	\$566,680
Tucker.....	13,173	6	274				
Tyler.....	12,559	6	482	505,422	445,367	1,057,051	611,684
Upshur.....	18,360	13	129	56,560	217,960	357,171	139,211
Wayne.....	35,596	17	560	469,181	1,085,866	2,304,030	1,218,164
Webster.....	18,080	2					
Wetzel.....	22,342	21	674	662,650	870,018	2,242,943	1,372,925
Wirt.....	6,475						
Wood.....	62,399	63	6,918	7,505,438	13,570,261	31,178,015	17,607,754
Wyoming.....	29,774	10	367	290,744	325,339	873,474	548,135
Undistributed ⁷		207	27,897	34,202,639	94,525,999	160,027,916	65,501,917
PLACES HAVING 10,000 OR MORE INHABITANTS							
Beckley.....	12,852	12	191	244,440	415,883	1,097,390	681,507
Bluefield, W. Va. and Va., total.....	24,562	30	670	608,127	1,434,525	3,246,363	1,811,838
Bluefield, W. Va.....	20,041	21	432	504,392	1,221,687	2,738,308	1,516,621
Bluefield, Va.....	3,921	9	138	98,735	212,838	508,055	295,217
Charleston.....	67,914	60	1,455	1,772,812	4,807,114	10,788,379	5,981,265
Clarksburg.....	30,579	38	2,418	2,982,641	3,884,427	10,575,745	6,091,318
Fairmont.....	23,105	24	1,558	2,016,667	4,896,485	11,143,313	6,244,828
Huntington ¹⁰	78,836	96	4,672				
Martinsburg.....	15,063	18	2,786	2,173,119	3,522,671	8,173,345	4,650,674
Morgantown.....	16,655	29	939	897,961	638,568	2,270,457	1,631,889
Moundsville.....	14,168	17	1,301	1,320,060	3,673,894	6,893,297	3,219,403
Parkersburg.....	30,103	41	1,324	1,118,785	5,501,705	8,797,744	3,296,039
South Charleston ¹⁰	10,377	5	2,094				
Wheeling ¹⁰	61,099	104	6,489				

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 The Wheeling Industrial Area comprises Brooke, Hancock, and Ohio Counties, W. Va., and Belmont, Columbiana, and Jefferson Counties, Ohio. For statistics by industries, see table 9.

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

⁸ No manufacturing reported.

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

¹⁰ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture ⁴	
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
Dollars	Dollars	Salaries ¹	Wages	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
26,246	1,320	1,680	23,246				104,637	103,295	877	465		151,112	46,475	1
2,359,555	199,151	187,856	1,806,434	168,719	16,800	595	4,556,341	4,426,990	10,559	90,206	28,286	8,000,530	3,444,489	2
1,665,044	30,050	110,275	1,424,003	71,212	17,714	1,890	2,280,144	2,235,940		44,204		5,835,521	3,555,377	3
13,520	2,923	1,200	9,397				7,196	4,233	2,063	900		37,737	30,541	4
141,574	9,085	12,912	114,063	5,514			687,778	677,523	6,534	3,621		1,045,329	357,551	5
293,152	35,700	46,615	189,800	21,037			395,519	380,619	2,004	10,328	2,508	815,726	420,207	6
409,705	23,275	39,831	282,042	39,132	19,525		5,312,010	5,263,545	4,705	39,514	4,545	6,901,539	1,589,329	7
117,754	24,500	17,694	55,451	14,429		5,680	491,455	483,221	4,701	3,533		616,746	125,291	8
263,391	30,406	31,153	193,247	6,932	1,181	1,472	1,257,048	1,247,693	4,241	4,914		2,046,449	789,401	9
77,995	6,630	14,461	56,904				92,580	90,365	524	1,691		209,869	117,289	10
64,329	6,000	8,662	38,806	10,861			50,231	45,272	2,126	2,833		159,417	109,186	11
182,871	4,680	15,539	115,026	46,626			1,474,379	1,458,498	7,778	8,103		1,842,479	368,100	12
12,494,029	887,102	836,892	10,622,203	320,867	218,392	103,573	14,299,000	13,287,013	118,322	213,940	679,725	33,013,949	18,714,949	13
341,880	37,140	31,603	246,400	28,728			417,246	409,132	803	6,129	1,182	565,300	565,300	14
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	15
363,504	55,608	61,636	197,867	53,393			181,514	171,577	2,671	6,206	1,060	741,410	559,896	16
116,658	20,324	10,568	77,979	7,787			227,617	153,496	311	1,901	71,909	427,295	199,678	17
28,348	3,600	6,417	18,331	(⁵)			35,369	33,765	319	780	505	73,238	37,869	18
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	19
109,019	28,053	11,533	64,421	5,012			166,168	163,153	866	2,149		339,128	172,960	20
51,377	6,800	5,928	34,785	3,864			30,897	27,618	30	1,004	2,343	150,273	119,376	21
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	22
464,978	17,925	45,373	353,968	47,712			756,418	744,957	2,070	9,329	62	1,474,390	717,972	23
38,805		2,967	35,338				124,263	122,451	464	1,348		202,316	78,053	24
4,708		1,300	3,408				17,749	17,369		380		27,352	9,603	25
90,085	27,377	17,597	32,730	11,899		1,082	302,138	296,308	2,309	2,221	1,300	661,222	356,084	26
193,475	29,550	13,701	122,903	27,321			544,293	535,348	458	8,157	300	1,037,066	492,773	27
(⁵)	(⁵)	(⁵)	(⁵)				(⁵)	(⁵)		(⁵)		(⁵)	(⁵)	28
198,558	10,000	21,774	145,005	11,005		1,084	298,555	294,546	191	2,705	1,113	634,165	335,610	29
421,173	35,304	27,645	340,250	12,574	2,100	3,300	469,987	459,341	41	10,605		1,127,345	657,358	30
217,787	17,502	25,893	151,583	22,809			1,020,183	989,145	24,330	6,708		1,516,713	496,530	31
246,387	24,542	33,046	183,304	5,435			382,279	360,751	836	20,702		811,803	429,524	32
726,051	66,151	48,848	461,933	146,387	2,130	1,102	1,344,569	1,332,074	4,144	7,838	513	2,280,193	935,624	33
26,019,815	1,421,030	3,760,359	19,372,343	1,297,593	135,167	33,323	87,250,250	84,041,721	1,724,787	1,370,676	113,066	134,102,577	46,852,327	34
821,602	133,721	121,408	404,823	151,454	10,196		3,115,417	3,034,627	38,791	40,837	1,162	4,556,029	1,441,212	35
237,351	48,872	21,879	141,528	23,962	1,110		481,041	470,203	2,293	8,545		929,591	448,550	36
766,819	78,420	49,444	528,332	110,623			2,295,448	2,282,227	3,217	10,004		3,611,361	1,315,913	37
1,573,640	125,086	147,024	1,144,055	146,089	10,795		1,855,483	1,808,495	7,952	36,4				

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
SEATTLE												
	All industries, total.....	1,083	645	869	3,104	20,352	\$3,512,563	\$5,781,945	\$28,742,946	\$77,273,005	\$152,748,418	\$75,475,413
19	Boat building and boat repairing.....	8	11	4	1	58	12,000	945	93,493	88,487	234,557	140,070
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	97	84	40	96	1,203	120,987	194,815	1,929,890	3,480,463	8,145,387	4,064,924
13	Brick and hollow structural tile.....	4	-----	8	7	125	20,400	9,323	103,923	86,806	309,894	223,088
1	Candy and other confectionery products.....	19	9	17	29	319	58,602	38,737	294,224	924,918	1,770,066	851,748
1	Canned and dried fruits and vegetables (including canned soups).....	4	2	7	18	131	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Canned fish, crustacea, and mollusks.....	0	2	10	4	31	21,500	8,683	27,067	200,200	340,827	140,627
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	8	5	13	2	66	42,778	6,717	68,189	191,947	373,782	181,835
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	-----	3	14	38	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
13	Concrete products.....	8	3	11	13	112	38,251	22,427	158,054	391,436	794,861	403,425
1	Creamery butter.....	7	3	3	8	33	7,803	12,050	43,784	811,013	1,107,084	290,071
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	5	3	-----	7	85	-----	11,926	58,671	302,702	470,720	168,018
20	Dental equipment and supplies.....	4	4	-----	7	7	-----	-----	8,932	11,620	44,764	33,144
16	Electrical appliances.....	4	2	2	2	11	2,315	2,364	14,827	26,601	54,793	28,192
15	Electroplating, plating, and polishing.....	3	3	1	-----	17	1,200	-----	28,158	12,573	61,920	49,356
14	Fabricated structural steel and ornamental metal work—made in plants not operated in connection with rolling mills.....	8	7	3	4	32	8,800	3,515	49,246	102,744	224,892	122,148
1	Flour and other grain-mill products.....	3	1	7	35	251	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
17	Food-products machinery.....	4	1	5	9	33	18,520	18,591	50,460	109,497	269,618	180,121
12	Footwear (except rubber).....	3	2	3	6	24	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
4	Fur coats and other fur garments, accessories, and trimmings.....	10	13	13	9	111	60,612	18,404	137,308	179,833	473,393	293,560
8	General commercial (job) printing.....	79	65	52	62	376	155,282	111,002	617,827	717,828	2,333,408	1,615,580
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	6	1	8	31	80	18,010	61,866	127,880	450,722	913,803	463,081
14	Gray-iron and semisteel castings.....	13	9	13	11	192	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1	Ice cream and ices.....	13	3	2	27	72	11,815	27,214	86,999	901,492	1,740,046	888,554
1	Ice, manufactured.....	7	2	8	6	47	22,000	12,810	65,378	62,747	400,045	337,298
15	Jewelry (precious metals).....	10	12	-----	5	41	4,478	59,188	67,936	174,763	174,763	106,827
17	Machine-shop products not elsewhere classified.....	25	15	21	21	152	51,402	31,038	201,810	530,503	969,817	432,814
17	Machine-shop repairs.....	19	13	11	9	83	39,991	12,128	120,890	113,892	401,775	287,883
1	Mattresses and bedsprings.....	8	6	1	7	133	3,900	14,024	149,780	415,428	870,027	464,498
6	Meat packing, wholesale.....	3	-----	0	35	240	43,760	59,977	367,908	4,943,169	5,855,272	912,103
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	4	2	4	6	36	12,925	11,455	32,521	63,408	188,045	124,637
4	Millinery.....	7	9	3	14	107	12,201	16,102	73,831	116,849	319,931	203,082
4	Miscellaneous fabricated textile products not elsewhere classified.....	4	3	-----	5	21	-----	6,216	16,532	64,372	122,413	58,041
20	Models and patterns (except paper patterns).....	7	9	2	1	14	6,400	270	18,587	12,359	70,078	57,719
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	14	9	9	31	298	42,540	73,115	465,852	1,375,146	2,086,268	711,122
8	Newspapers: publishing and printing.....	13	8	8	385	526	96,865	737,825	1,037,163	1,511,441	6,391,613	4,880,172
8	Newspapers: publishing without printing.....	9	7	1	19	3	5,239	27,547	2,456	68,118	147,207	79,089
1	Nonalcoholic beverages.....	9	3	7	5	34	35,222	7,291	62,906	338,584	821,407	482,823
15	Nonferrous-metal foundries (except aluminum).....	8	3	13	7	60	53,165	9,980	79,916	140,587	350,564	209,977
15	Nonferrous-metal products not elsewhere classified.....	5	7	1	2	38	10,000	3,740	43,948	61,587	178,935	117,348
7	Paperboard containers and boxes not elsewhere classified.....	9	-----	15	22	191	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
6	Partitions, shelving, cabinet work, and office and store fixtures.....	7	2	11	7	72	19,700	10,780	97,547	113,921	277,125	163,204
9	Perfumes, cosmetics, and other toilet preparations.....	4	-----	7	6	32	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
8	Periodicals: publishing and printing.....	5	-----	11	21	103	52,902	47,482	159,843	90,741	518,357	427,616
8	Periodicals: publishing without printing.....	34	20	21	10							

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-priet-ors and firm mem-bers	*Sal-aries of officers of cor-pora-tions ¹	*Sal-aries of em-ploy-ees ¹	*Wage earners (average for year) ²	Salaries of officers of cor-pora-tions ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, pur-chased elec-tric energy, and contract work	Value of products	Value added by manu-facture ³
SEATTLE—Continued												
1	Preserves, jams, jellies, and fruit but- ters	4		7	7	62	\$24,500	\$17,094	\$55,451	\$191,455	\$616,740	\$125,291
11	Rubber products not elsewhere classi- fied	4	2	3	6	29	6,000	5,662	38,806	50,231	159,417	109,186
1	Sausages, prepared meats, and other meat products—not made in meat- packing establishments *	9	8	3	10	77	4,680	16,539	115,026	1,474,379	1,542,479	368,100
5	Sawmills, veneer mills, and cooperage- stock mills, including those combined with logging camps and with planing mills	15	3	18	79	1,351	121,446	194,730	1,897,235	4,782,936	8,395,814	3,612,878
15	Sheet-metal work not specifically classified	16	13	6	18	110	12,940	23,997	159,126	219,553	539,584	320,031
19	Shipbuilding and ship repairing	16	9	15	61	970	78,760	165,401	1,647,475	1,057,525	3,453,265	2,895,740
20	Signs, advertising displays, and adver- tising novelties *	12	7	10	34	122	43,368	60,804	173,787	125,278	584,883	459,605
20	Sporting and athletic goods not else- where classified	9	4	10	7	84	18,387	7,732	58,150	199,730	361,023	161,293
14	Stamped and pressed metal products (except automobile stampings)	3	2	1	4	13	3,600	6,417	18,331	35,369	73,238	37,569
12	Suitcases, brief cases, bags, trunks, and other luggage	5	2	4	7	60	28,053	11,533	64,421	166,108	339,128	172,960
4	Trousers (semidress), wash suits, and washable service apparel	3	5		2	19	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Upholstered household furniture	16	17	2	21	188	3,270	37,037	298,089	551,463	1,059,633	508,170
6	Venetian blinds *	8	9		3	41		2,967	35,338	124,293	202,316	78,053
6	Window shades	3	3		5	1		1,300	3,408	17,749	27,352	9,603
14	Wirework not elsewhere classified *	7	4		8	87	29,550	13,701	122,903	544,293	1,037,066	492,773
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	1	3	7	77	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Wooden boxes except cigar boxes	6	5	2	10	126	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Wood products not elsewhere classified	8	5	3	3	25	4,125	4,976	30,157	46,666	118,422	71,756
17	Woodworking machinery	5		6	15	119	25,020	23,815	188,880	233,870	692,805	438,935
	Other industries ⁴	438	203	434	1,858	12,114	1,850,676	3,310,227	16,678,510	47,065,960	91,272,802	44,206,842
OTHER INDUSTRIES, BY INDUSTRY GROUPS ¹												
1	Food and kindred products	87	48	78	189	1,541	325,565	350,184	1,660,843	14,081,700	21,366,834	7,285,134
4	Apparel and other finished products made from fabrics and similar mate- rials	44	30	46	92	1,376	173,830	124,397	1,090,201	3,776,344	6,276,898	2,500,554
6	Furniture and finished lumber prod- ucts	26	16	22	34	413	71,940	62,222	491,925	1,526,863	2,614,599	1,087,706
7	Paper and allied products	16	2	20	46	309	92,961	78,280	354,309	1,712,525	2,968,348	1,255,623
8	Printing, publishing, and allied indus- tries	26	16	34	63	232	140,025	53,748	369,052	471,055	1,449,485	918,430
9	Chemicals and allied products	48	9	47	59	296	169,440	111,007	344,700	4,189,332	6,490,301	2,300,909
12	Leather and leather products	11	7	6	10	82	18,720	17,256	94,081	228,194	391,794	162,600
13	Stone, clay, and glass products	22	11	16	42	238	86,563	81,625	344,067	834,803	2,564,484	1,729,681
14	Iron and steel and their products, ex- cept machinery	56	28	63	233	1,947	321,540	516,219	2,927,991	10,995,086	18,970,059	7,974,973
15	Nonferrous metals and their products	7	2	6	7	54	30,455	14,793	78,576	639,664	962,884	323,230
16	Electrical machinery	7	1	5	7	42	17,912	14,434	54,014	221,671	338,500	116,829
17	Machinery (except electrical)	30	10	31	109	881	175,541	202,824	1,497,729	1,944,780	4,686,736	2,741,956
20	Miscellaneous industries	23	10	21	17	164	76,820	38,887	216,352	437,029	1,062,163	624,534
5	Lumber and timber basic products	20	7	18	08	989						
3	Textile-mill products and other fiber manufactures	13	6	14	19		199,364	1,614,541	7,159,670	6,005,314	21,129,747	15,124,433
19	Transportation equipment except automobiles	2		7	863		3,600					
SPOKANE												
	All industries, total	224	154	115	881	4,108	\$540,207	\$1,344,695	\$5,235,498	\$22,562,992	\$38,021,148	\$15,458,156
1	Biscuit, crackers, and pretzels	5	2	1	10	111	3,600	23,448	112,753	287,009	761,714	474,705
1	Bread and other bakery products (ex- cept biscuit, crackers, and pretzels)	30	30	5	24	331	17,296	50,682	520,766	913,011	2,219,783	1,306,772
1	Candy and other confectionery prod- ucts	3	2	2	6	54	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Caskets, coffins, burial cases, and other morticians' goods	3	2	6	8	33	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Creamery butter	9	5	3	19	67	11,862	29,702	72,792	1,166,262	1,439,969	273,767

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 members	*Sal-aries of officers of corporations	*Sal-aries of employ-ees	*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 manu-facture
SPOKANE—Continued												
17	Machine-shop repairs.....	5	9	1	2	25	\$2,400	\$2,273	\$31,568	\$42,596	\$113,511	\$75,915
1	Malt liquors.....	3		5	26	112	20,200	45,044	183,245	656,178	1,703,085	1,047,507
1	Meat packing, wholesale.....	7	9	2	70	493	29,000	125,360	642,326	7,557,989	9,209,866	1,651,877
8	Newspapers: publishing and printing.....	6	3	9	313	205	(1)	(1)	(1)	(1)	(1)	(1)
1	Nonalcoholic beverages.....	4	4		1	14		2,026	17,058	143,625	367,790	224,165
5	Planing mills not operated in conjunction with sawmills.....	12	3	13	65	992	71,271	101,203	1,057,094	2,610,895	4,510,887	1,902,092
1	Prepared feeds (including mineral) for animals and fowls.....	7	3	2	6	22	3,028	7,152	24,346	556,573	696,424	139,851
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	4	1	5	30	562	(1)	(1)	(1)	(1)	(1)	(1)
15	Sheet-metal work not specifically classified.....	5	5	1	6	36	3,052	7,677	45,956	158,784	268,047	110,163
	Other industries.....	92	54	61	561	1,454	313,403	808,402	1,945,532	4,160,890	10,168,888	5,998,198
OTHER INDUSTRIES, BY INDUSTRY GROUPS												
1	Food and kindred products.....	14	8	7	11	99	13,472	17,803	93,582	525,181	821,580	296,399
4	Apparel and other finished products made from fabrics and similar materials.....	3	3		5	37		7,614	22,271	45,630	102,708	57,078
6	Furniture and finished lumber products.....	12	6	16	15	153	56,559	26,371	161,924	358,307	725,967	367,660
8	Printing, publishing, and allied industries.....	13	9	10	440	239	42,583	507,483	405,838	683,699	2,792,332	2,108,633
9	Chemicals and allied products.....	8	2	3	11	36	18,486	23,574	45,300	351,429	601,248	249,819
13	Stone, clay, and glass products.....	7	3	4	6	40	21,000	10,416	45,490	163,017	358,957	185,940
14	Iron and steel and their products, except machinery.....	5	5		4	41		6,438	54,740	46,101	212,430	166,329
16	Electrical machinery.....	3	1	3	1	14	6,010	2,318	18,208	61,829	98,470	36,641
17	Machinery (except electrical).....	6	1	7	19	137	72,076	34,314	177,153	568,578	879,902	311,324
20	Miscellaneous industries.....	10	10	4	10	48	9,617	11,788	68,223	56,893	247,834	190,941
5	Lumber and timber basic products.....	4	1	5	30	562						
7	Paper and allied products.....	2										
12	Leather and leather products.....	2										
15	Nonferrous metals and their products.....	1					73,000	70,303	849,743	1,300,026	3,317,460	2,017,434
18	Automobiles and automobile equipment.....	1	5	2	9	78						
19	Transportation equipment except automobiles.....	1										
TACOMA												
	All industries, total.....	253	152	193	695	8,649	\$888,309	\$1,462,039	\$11,529,635	\$36,116,545	\$62,055,686	\$25,939,141
1	Bread and other bakery products (except biscuits, crackers, and pretzels).....	25	24	3	20	272	6,400	42,330	446,295	657,958	1,525,123	867,165
13	Concrete products.....	8	3	4	4	120	10,932	5,114	193,459	525,505	1,041,696	510,191
1	Creamery butter.....	5	3	3		7	4,275		9,176	132,925	167,057	34,132
1	Flour and other grain-mill products.....	3	1		40	312	(1)	(1)	(1)	(1)	(1)	(1)
8	General commercial (job) printing.....	15	13	13	19	105	38,146	24,781	112,692	178,170	496,725	318,555
14	Gray-iron and cast-iron castings.....	4	7	5	11	133	(1)	(1)	(1)	(1)	(1)	(1)
6	Household furniture, except upholstered.....	6	2	7	49	696	56,148	89,268	610,298	930,353	1,972,532	1,033,179
17	Machine-shop repairs.....	5	4	2	2	37	4,800	5,618	57,766	55,168	172,876	117,708
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	1	2	2	71	(1)	(1)	(1)	(1)	(1)	(1)
8	Newspapers: publishing and printing.....	5	3	7	119	162	(1)	(1)	(1)	(1)	(1)	(1)
1	Nonalcoholic beverages.....	4	2	3	3	19	6,000	10,480	33,233	174,342	404,541	280,199
15	Nonferrous-metal foundries (except aluminum).....	3	2	2		10	1,653		12,254	18,696	44,470	25,774
8	Periodicals: publishing and printing.....	3	2		4	30		7,620	21,039	17,431	84,366	66,935
8	Photoengraving, not done in printing establishments (including preparation of plates).....	3	1	4	3	6	15,060	5,940	17,040	6,512	71,098	64,586
6	Planing mills not operated in conjunction with sawmills.....	16	5	22	40	968	142,319	87,573	1,169,013	3,026,434	5,231,465	2,205,031
1	Prepared feeds (including mineral) for animals and fowls.....	4		2	2	41	15,555	3,720	50,166	1,290,431	1,542,062	261,631
6	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	15	5	22	121	3,026	168,671	316,721	4,231,512	6,075,195	13,302,535	7,227,330
20	Signs, advertising displays, and advertising novelties.....	6	6	3	1	16	12,240	832	24,080	58,236	156,527	100,291
6	Wood products not elsewhere classified.....	4	1	6	6	52	17,272	9,735	96,094	125,816	273,925	145,609
17	Wood-working machinery.....	4	3	2		25	(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) ¹	Salaries of officers of corporations ¹	Salaries of employees ¹	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ²
TACOMA—Continued												
	Other industries ³	131	79	97	421	3,355	\$388,838	\$852,307	\$4,475,518	\$22,830,873	\$35,568,698	\$12,731,825
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴											
1	Food and kindred products.....	27	5	25	113	921	158,907	249,809	1,148,556	14,002,944	19,651,651	4,648,707
4	Apparel and other finished products made from fabrics and similar materials.....	5	8	2	4	134	5,400	6,450	109,340	290,322	526,450	230,128
6	Furniture and finished lumber products.....	15	8	21	21	427	55,911	45,428	553,710	994,422	2,388,952	1,394,530
8	Printing, publishing, and allied industries.....	13	12	10	126	194	55,182	214,500	352,030	588,442	1,512,251	923,309
9	Chemicals and allied products.....	10	1	5	46	176	18,262	114,862	234,498	2,673,010	4,548,477	1,875,467
14	Iron and steel and their products, except machinery.....	13	9	11	24	220	27,265	46,112	290,817	373,781	975,074	601,343
17	Machinery (except electrical).....	10	6	4	10	120	19,270	33,322	207,770	283,322	602,009	408,637
20	Miscellaneous industries.....	6	4	4	1	23	7,680	177	26,220	36,940	106,574	69,634
7	Paper and allied products.....	5	2	3	41	375						
13	Stone, clay, and glass products.....	4	1	2	6	76						
15	Nonferrous metals and their products.....	5	4	2	4	45						
19	Transportation equipment except automobiles.....	8	14	2	4	163						
3	Textile-mill products and other fiber manufactures.....	2					40,961	141,647	1,552,571	3,592,740	6,167,260	2,573,520
5	Lumber and timber basic products.....	2										
10	Products of petroleum and coal.....	1	5	5	16	381						
12	Leather and leather products.....	2										
18	Electrical machinery.....	2										
18	Automobiles and automobile equipment.....	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.

* and * To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Seattle 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.

* One establishment. * Two establishments.

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

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	3,240	1,038		18	97	748	143	55	391	98	4	4	23	103	113	72	22	163	18	46	84
Adams.....	4	3							1												
Asotin.....	7	4			2				1												
Benton.....	17	14							2					1							
Chelan.....	60	27			18				9	2				2		1		1			
Clallam.....	45	11			24				5	2				1		1		1			
Clark.....	66	27		2	14			5	9					2	1	1		4	1		
Columbia.....	7	3			3				1												
Cowlitz.....	70	13			39			6	6	1				1		1		3			
Douglas.....	6	2							1	3											
Ferry.....	11	2			3									1							
Franklin.....	4	2							1									1			
Garfield.....	5	3							1												
Grant.....	6	4							1												
Grays Harbor.....	124	27			63	6	2	7	7	3				2	2	2		7		1	2
Island.....	7	4			2				1												
Jefferson.....	25	6			15			3	1												
King.....	1,216	314		13	88	80	79	10	183	59	1	4	16	41	73	50	17	85	13	27	57
Kitsap.....	38	15			14		1		6					1							
Kittitas.....	31	18			8				3									2			
Klickitat.....	33	5			21	1			3	1								2			
Lewis.....	88	23			51				5					3	2	3		1			
Lincoln.....	10	4			3				3												
Mason.....	35	9			22			1	1					1				1			
Okangon.....	26	11			11				3	1											
Pacific.....	55	19			32				3									1			
Pend Oreille.....	16	4			8	2			1					1							
Pierce.....	323	92		2	5	59	29	6	39	13	1			2	14	13	9	2	15	1	12
San Juan.....	8	7																			
Skegit.....	95	33			48			1	5					3	2			3			
Skamania.....	7				6				1												
Snohomish.....	178	51			85	5	4	15	3					4	5			3		3	
Spokane.....	259	107		3	23	14	4	38	8	2				12	5	6	3	17	2	3	10
Stevens.....	27	8			11				3					5							
Thurston.....	52	16		1	26	1			3					1	2			2			
Wahkiakum.....	10	4			5	1															
Walla Walla.....	35	23			2				6					1	1			2			
Whitcom.....	111	45			38	3	2		9	1				3	4	1		2		2	1
Whitman.....	19	15							2												
Yakima.....	104	63		1	7	1			15	2				3	2			7	1		2

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 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 WASHINGTON				STATE OF WASHINGTON—Continued			
1	Baking powder, yeast, and other leavening compounds.	2	-----	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.	2	-----
	Beet sugar.	1	-----		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.	1	-----
	Blended and prepared flour made from purchased flour.	1	-----		Doors, window sash, frames, molding, and trim (made of metal).	2	-----
	Cereal preparations.	3	15		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).	1	-----
	Chocolate and cocoa products.	1	-----		Enameling, japanning, and lacquering.	1	-----
	Flavoring extracts and flavoring sirups, not elsewhere classified.	6	23		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.	2	-----
	Liquors, rectified or blended.	1	-----		Hardware not elsewhere classified.	1	-----
	Salad dressings.	6	67		Heating and cooking apparatus, except electric, not elsewhere classified.	1	-----
	Sausage casings—not made in meat-packing establishments.	1	-----		Screw-machine products and wood screws.	1	-----
3	Batting, padding, and wadding; upholstery filling.	1	-----		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.	3	9
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.	2	-----		Steam and hot-water heating apparatus (including hot-water furnaces).	1	-----
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.	1	-----		Steel castings.	3	74
4	Corsets and allied garments.	1	-----		Steel works and rolling mills.	2	-----
	Handkerchiefs—made in inside factories or by jobbers engaging contractors.	2	-----		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.	1	-----
	Housefurnishings (except curtains, draperies, and bedspreads).	2	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.	1	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.	2	-----		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.	2	-----
	Men's neckwear—made in inside factories or by jobbers engaging contractors.	2	-----		Lighting fixtures.	1	-----
	Robes, lounging garments, and dressing gowns.	1	-----		Primary smelting and refining of nonferrous metals.	1	-----
	Textile bags—not made in textile mills, stamped art goods, and art needlework—contract factories.	2	-----		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.	1	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.	1	-----
	Trousers (semidress), wash suits, and washable service apparel.	3	19		Silverware and plated ware.	1	-----
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.	3	77	16	Electrical products not elsewhere classified.	1	-----
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.	1	-----	17	Blowers; exhaust and ventilating fans.	2	-----
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.	1	-----		Elevators, escalators, and conveyors.	1	-----
6	Cooperage.	2	-----		Mechanical power-transmission equipment.	2	-----
	Matches.	1	-----		Metalworking machinery and equipment, not elsewhere classified.	2	-----
	Mirror frames and picture frames.	2	-----		Office and store machines not elsewhere classified.	1	-----
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.	1	-----		Printing-trades machinery and equipment.	1	-----
7	Coated and glazed paper.	1	-----		Pumping equipment and air compressors.	2	-----
	Converted paper products not elsewhere classified.	4	468		Scales and balances.	1	-----
	Envelopes.	3	29		Tractors.	1	-----
	Paper bags, except those made in paper mills.	2	-----	18	Automobile trailers (for attachment to passenger cars).	1	-----
8	Books: printing without publishing.	1	-----	19	Aircraft and parts, including aircraft engines.	1	-----
	Books: publishing and printing.	2	-----		Cars and car equipment—railroad, street, and rapid-transit.	4	-----
	Books: publishing without printing.	1	-----	20	Brushes.	4	50
	Newspapers: publishing without printing.	12	3		Buttons.	1	-----
9	Chemicals not elsewhere classified.	4	128		Costume jewelry and costume novelties (jewelry other than fine jewelry).	2	-----
	Cleaning and polishing preparations, blackings, and dressings.	1	-----		Fabricated plastic products, not elsewhere classified.	1	-----
	Coal-tar products, crude and intermediate.	3	25		Fathers, plumes, and artificial flowers.	1	-----
	Drugs and medicines (including drug grinding).	10	27		Furs, dressed and dyed.	2	-----
	Explosives.	4	284		Hair work.	1	-----
	Fireworks.	1	-----		Photographic apparatus and materials and projection equipment (except lenses).	1	-----
	Grease and tallow (except lubricating greases).	2	-----		Piano and organ parts and materials.	1	-----
	Hardwood distillation and charcoal manufacture.	1	-----		Professional and scientific instruments (except surgical and dental).	1	-----
	Mucilage, paste, and other adhesives, except glue and rubber cement.	1	-----		Surgical and medical instruments.	1	-----
	Perfumes, cosmetics, and other toilet preparations.	4	32		Tobacco pipes and cigarette holders.	1	-----
	Printing ink.	2	-----		Wool pulling.	1	-----
	Soybean oil, cake, and meal.	1	-----	SEATTLE-TACOMA INDUSTRIAL AREA			
	Vegetable and animal oils, not elsewhere classified.	2	-----	1	Baking powder, yeast, and other leavening compounds.	2	-----
10	Fuel briquets.	1	-----		Blended and prepared flour made from purchased flour.	1	-----
	Petroleum refining.	2	-----		Cereal preparations.	2	-----
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).	1	-----		Cheese.	2	-----
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.	1	-----		Chocolate and cocoa products.	1	-----
	Saddlery, harness, and whips.	2	-----		Condensed and evaporated milk.	3	25
	Women's pocketbooks, handbags, and purses.	1	-----		Cured fish.	8	102
13	Abrasive wheels, stones, paper, cloth, and related products.	1	-----		Flavoring extracts and flavoring sirups, not elsewhere classified.	4	-----
	Asbestos products (except steam packing and pipe and boiler covering).	1	-----		Liquors, rectified or blended.	1	-----
	Clay products (except pottery), not elsewhere classified.	1	-----		Macaroni, spaghetti, vermicelli, and noodles.	9	-----
	Clay refractories, including refractory cement (clay).	2	-----		Salad dressings.	5	-----
	Glass containers.	1	-----		Sausage casings—not made in meat-packing establishments.	1	-----
	Gypsum products.	1	-----		Vinegar and cider.	1	-----
	Lime.	5	151	3	Batting, padding, and wadding; upholstery filling.	1	-----
	Minerals and earths, ground or otherwise treated.	2	-----		Cordage and twine.	3	-----
	Sand-lime brick, block and tile.	1	-----		Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.	2	-----
	Sewer pipe and kindred products.	2	-----		Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.	9	-----
	Statuary and art goods (except stone and concrete)—factory production.	2	-----				
	Terra cotta.	1	-----				
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.	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 SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
SEATTLE-TACOMA INDUSTRIAL AREA—Con.				SEATTLE-TACOMA INDUSTRIAL AREA—Con.			
4	Canvas products (except bags).....	4	-----	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2	-----
	Corsets and allied garments.....	1	-----		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	-----
	Housefurnishings (except curtains, draperies, and bedspreads).....	2	-----		Doors, window sash, frames, molding, and trim (made of metal).....	2	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	2	-----		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	1	-----
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	2	-----		Enameling, japanning, and lacquering.....	1	-----
	Robes, lounging garments, and dressing gowns.....	1	-----		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	4	-----
	Textile bags—not made in textile mills.....	2	-----		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	2	-----
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	2	-----		Hardware not elsewhere classified.....	1	-----
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	1	-----		Saws.....	4	-----
	Trousers (semidress), wash suits, and washable service apparel.....	3	10		Screw-machine products and wood screws.....	1	-----
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	3	77		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	2	-----
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	1	-----		Steam and hot-water heating apparatus (including hot-water furnaces).....	1	-----
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1	-----		Steel castings.....	3	74
	Work gloves and mittens: cloth, cloth and leather combined.....	2	-----		Steel works and rolling mills.....	2	-----
6	Cooperage.....	1	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	6	-----
	Household furniture, except upholstered.....	17	726		Tin cans and other tinware not elsewhere classified.....	3	-----
	Matches.....	1	-----		Tools (except edge tools, machine tools, files, and saws).....	2	-----
	Mirror frames and picture frames.....	2	-----		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1	-----
	Partitions, shelving, cabinet work, and office and store fixtures.....	8	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.....	1	-----		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	2	-----
7	Coated and glazed paper.....	1	-----		Lighting fixtures.....	1	-----
	Converted paper products not elsewhere classified.....	3	-----		Primary smelting and refining of nonferrous metals.....	1	-----
	Envelopes.....	2	-----		Secondary smelting and refining, gold, silver, and platinum.....	2	-----
	Paper and paperboard mills.....	2	-----		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
	Paper bags, except those made in paper mills.....	1	-----		Silverware and plated ware.....	1	-----
	Paperboard containers and boxes not elsewhere classified.....	11	-----	16	Electrical appliances.....	6	-----
	Pulp mills.....	2	-----		Electrical products not elsewhere classified.....	1	-----
8	Books: printing without publishing.....	1	-----		Radios, radio tubes, and phonographs.....	3	-----
	Books: publishing and printing.....	1	-----	17	Blowers; exhaust and ventilating fans.....	2	-----
	Books: publishing without printing.....	1	-----		Elevators, escalators, and conveyors.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	3	-----		Industrial machinery, not elsewhere classified.....	4	-----
	Engraving (steel, copperplate, and wood); plate printing.....	3	-----		Mechanical power-transmission equipment.....	2	-----
9	Chemicals not elsewhere classified.....	3	-----		Metalworking machinery and equipment, not elsewhere classified.....	2	-----
	Cleaning and polishing preparations, blackings, and dressings.....	1	-----		Mining machinery and equipment.....	2	-----
	Coal-tar products, crude and intermediate.....	2	-----		Office and store machines not elsewhere classified.....	1	-----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	38		Printing-trades machinery and equipment.....	1	-----
	Drugs and medicines (including drug grinding).....	7	20		Pumping equipment and air compressors.....	1	-----
	Explosives.....	3	-----		Stokers, mechanical, domestic and industrial.....	2	-----
	Fireworks.....	1	-----		Woodworking machinery.....	9	-----
	Grease and tallow (except lubricating greases).....	2	-----	18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	14	298
	Hardwood distillation and charcoal manufacture.....	1	-----	19	Aircraft and parts, including aircraft engines.....	1	-----
	Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	-----		Cars and car equipment—railroad, street, and rapid-transit.....	2	-----
	Paints, varnishes, and lacquers.....	12	51		Shipbuilding and ship repairing.....	25	1,340
	Perfumes, cosmetics, and other toilet preparations.....	4	32	20	Brooms.....	2	-----
	Printing ink.....	2	-----		Brushes.....	3	-----
	Soap and glycerin.....	4	-----		Costume jewelry and costume novelties (jewelry other than fine jewelry).....	2	-----
	Soybean oil, cake, and meal.....	1	-----		Fabricated plastic products, not elsewhere classified.....	1	-----
	Vegetable and animal oils, not elsewhere classified.....	2	-----		Feathers, plumes, and artificial flowers.....	1	-----
10	Fuel briquets.....	1	-----		Furs, dressed and dyed.....	2	-----
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	-----		Hair work.....	1	-----
12	Footwear (except rubber).....	4	-----		Miscellaneous fabricated products not elsewhere classified.....	3	-----
	Industrial leather belting and packing leather.....	2	-----		Photographic apparatus and materials and projection equipment (except lenses).....	1	-----
	Leather gloves and mittens.....	3	-----		Professional and scientific instruments (except surgical and dental).....	1	-----
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1	-----		Surgical and medical instruments.....	1	-----
	Saddlery, harness, and whips.....	2	-----		Tobacco pipes and cigarette holders.....	1	-----
	Saddlery, harness, and whips.....	1	-----		Wool pulling.....	1	-----
	Women's pocketbooks, handbags, and purses.....	1	-----	CITY OF SEATTLE			
13	Cement.....	2	-----	1	Baking powder, yeast, and other leavening compounds.....	1	-----
	Clay refractories, including refractory cement (clay).....	1	-----		Biscuit, crackers, and pretzels.....	10	-----
	Glass containers.....	1	-----		Blended and prepared flour made from purchased flour.....	1	-----
	Gypsum products.....	1	-----		Canned and dried fruits and vegetables (including canned soups).....	4	131
	Lime.....	1	-----		Cereal preparations.....	1	-----
	Minerals and earths, ground or otherwise treated.....	1	-----		Cheese.....	1	-----
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	6	-----		Chocolate and cocoa products.....	1	-----
	Sand-lime brick, block and tile.....	1	-----		Cured fish.....	7	-----
	Sewer pipe and kindred products.....	1	-----		Flavoring extracts and flavoring sirups, not elsewhere classified.....	4	-----
	Statuary and art goods (except stone and concrete)—factory production.....	2	-----		Flour and other grain-mill products.....	3	251
	Steam and other packing, pipe and boiler covering.....	1	-----		Food preparations, not elsewhere classified.....	16	-----
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	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 SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.¹	TITLE	Number of establishments	Wage earners	Group No.¹	TITLE	Number of establishments	Wage earners
CITY OF SEATTLE—Continued				CITY OF SEATTLE—Continued			
1	Liquors, rectified or blended.....	1	-----	12	Footwear (except rubber).....	3	24
	Macaroni, spaghetti, vermicelli, and noodles.....	9	-----		Industrial leather belting and packing leather.....	2	-----
	Malt liquors.....	3	-----		Leather gloves and mittens.....	2	-----
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	-----		Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	1	-----
	Prepared feeds (including mineral) for animals and fowls.....	8	161		Saddlery, harness, and whips.....	2	-----
	Quick-frozen foods.....	3	-----		Women's pocketbooks, handbags, and purses.....	1	-----
	Salad dressings.....	4	-----	13	Cement.....	1	-----
	Sausage casings—not made in meat-packing establishments.....	1	-----		Glass containers.....	1	-----
	Vinegar and cider.....	6	-----		Gypsum products.....	1	-----
	Wines.....	6	-----		Lime.....	1	-----
3	Cordage and twine.....	3	-----		Minerals and earths, ground or otherwise treated.....	1	-----
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.....	2	-----		Mirrors and other glass products made of purchased glass.....	6	-----
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	8	-----		Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	-----
4	Canvas products (except bags).....	4	-----		Pottery products not elsewhere classified.....	3	-----
	Corsets and allied garments.....	1	-----		Sand-lime brick, block and tile.....	1	-----
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	4	-----		Statuary and art goods (except stone and concrete)—factory production.....	2	-----
	Housefurnishings (except curtains, draperies, and bedspreads).....	2	-----		Steam and other packing; pipe and boiler covering.....	1	-----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	2	-----		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	-----
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	2	-----	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2	-----
	Robes, lounging garments, and dressing gowns.....	1	-----		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1	-----
	Textile bags—not made in textile mills.....	2	-----		Doors, window sash, frames, molding, and trim (made of metal).....	2	-----
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	-----		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	1	-----
	Trousers (semidress), wash suits, and washable service apparel.....	3	19		Enameling, japanning, and lacquering.....	1	-----
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	3	77		Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	4	-----
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	7	-----		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	2	-----
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.....	1	-----		Gray-iron and semisteel castings.....	13	102
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.....	1	-----		Hardware not elsewhere classified.....	1	-----
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	9	-----		Oil burners, domestic and industrial.....	2	-----
	Work gloves and mittens: cloth, cloth and leather combined.....	1	-----		Power boilers and associated products.....	6	-----
5	Planing mills not operated in conjunction with sawmills.....	18	-----		Saws.....	3	-----
	Plywood mills.....	2	-----		Screw-machine products and wood screws.....	1	-----
6	Caskets, coffins, burial cases, and other morticians' goods.....	2	-----		Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	2	-----
	Cooperage.....	1	-----		Steel castings.....	2	-----
	Household furniture, except upholstered.....	10	-----		Steel works and rolling mills.....	2	-----
	Mirror frames and picture frames.....	1	-----		Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	-----
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.....	1	-----		Tin cans and other tinware not elsewhere classified.....	3	-----
	Wooden boxes except cigar boxes.....	6	-----		Tools (except edge tools, machine tools, files, and saws).....	2	-----
	Wood preserving.....	5	126		Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1	-----
7	Coated and glazed paper.....	1	-----	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	-----
	Converted paper products not elsewhere classified.....	3	-----		Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1	-----
	Envelopes.....	2	-----		Lighting fixtures.....	1	-----
	Paper bags, except those made in paper mills.....	1	-----		Secondary smelting and refining, gold, silver, and platinum.....	2	-----
	Paperboard containers and boxes not elsewhere classified.....	9	191		Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	-----
8	Bookbinding and related industries.....	5	-----		Silverware and plated ware.....	1	-----
	Books: printing without publishing.....	1	-----	16	Batteries, storage and primary (dry and wet).....	3	-----
	Books: publishing without printing.....	1	-----		Electrical products not elsewhere classified.....	1	-----
	Electrotyping and stereotyping, not done in printing establishments.....	2	-----		Radio tubes, and phonographs.....	3	-----
	Engraving (steel, copperplate, and wood); plate printing.....	3	-----	17	Blowers; exhaust and ventilating fans.....	2	-----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	7	-----		Construction and similar machinery (except mining and oil-field machinery and tools).....	5	-----
	Machine and hand typesetting (including advertisement typesetting).....	7	-----		Industrial machinery, not elsewhere classified.....	4	-----
9	Chemicals not elsewhere classified.....	1	-----		Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	2	-----
	Cleaning and polishing preparations, blackings, and dressings.....	1	-----		Mechanical power-transmission equipment.....	2	-----
	Coal-tar products, crude and intermediate.....	1	-----		Metalworking machinery and equipment, not elsewhere classified.....	2	-----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	6	38		Mining machinery and equipment.....	2	-----
	Drugs and medicines (including drug grinding).....	4	-----		Office and store machines not elsewhere classified.....	1	-----
	Fertilizers.....	4	-----		Printing-trades machinery and equipment.....	1	-----
	Fireworks.....	1	-----		Pumping equipment and air compressors.....	1	-----
	Glue and gelatin.....	4	-----		Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	6	-----
	Insecticides, fungicides, and related industrial and household chemical compounds.....	4	-----		Stokers, mechanical, domestic and industrial.....	2	-----
	Paints, varnishes, and lacquers.....	10	-----	18	Aircraft and parts, including aircraft engines.....	1	-----
	Perfumes, cosmetics, and other toilet preparations.....	4	32		Cars and car equipment—railroad, street, and rapid-transit.....	1	-----
	Printing ink.....	3	-----	20	Brooms.....	1	-----
	Soap and glycerin.....	2	-----		Brushes.....	2	-----
	Soybean oil, cake, and meal.....	1	-----		Costume jewelry and costume novelties (jewelry other than fine jewelry).....	2	-----
	See footnote at end of table.				Fabricated plastic products, not elsewhere classified.....	1	-----
					Feathers, plumes, and artificial flowers.....	1	-----
					Furs, dressed and dyed.....	2	-----

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
CITY OF SEATTLE—Continued				CITY OF SPOKANE—Continued			
20	Hair work.....	1		17	Mining machinery and equipment.....	1	
	Hand stamps, stencils, and brands.....	3			Scales and balances.....	1	
	Miscellaneous fabricated products not elsewhere classified.....	3			Stokers, mechanical, domestic and industrial.....	1	
	Photographic apparatus and materials and projection equipment (except lenses).....	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	
	Surgical and medical instruments.....	1		19	Boat building and boat repairing.....	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	3		20	Brooms.....	1	
	Tobacco pipes and cigarette holders.....	1			Brushes.....	1	
	Wool pulling.....	1			Buttons.....	1	
CITY OF SPOKANE					Hand stamps, stencils, and brands.....	1	
1	Candy and other confectionery products.....	3	54		Signs, advertising displays, and advertising novelties.....	5	
	Cereal preparations.....	1			Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1		CITY OF TACOMA			
	Macaroni, spaghetti, vermicelli, and noodles.....	2		1	Biscuit, crackers, and pretzels.....	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2			Candy and other confectionery products.....	2	
	Poultry dressing and packing, wholesale.....	2			Canned and dried fruits and vegetables (including canned soups).....	2	
	Sausages, prepared meats, and other meat products—made in meat-packing establishments.....	1			Cereal preparations.....	1	
	Vinegar and cider.....	2			Condensed and evaporated milk.....	1	
4	Canvas products (except bags).....	1			Flour and other grain-mill products.....	3	812
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1			Food preparations, not elsewhere classified.....	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1			Ice cream and ices.....	2	
		1			Ice, manufactured.....	4	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	4	562		Malt liquors.....	2	
0	Caskets, coffins, burial cases, and other morticians' goods.....	3	33		Meat packing, wholesale.....	1	
	Cooperage.....	1			Pickled fruits and vegetables and vegetable sauces and seasonings.....	2	
	Household furniture, except upholstered.....	1			Poultry dressing and packing, wholesale.....	1	
	Mattresses and bedsprings.....	3			Quick-frozen foods.....	1	
	Partitions, shelving, cabinet work, and office and store fixtures.....	2			Salad dressings.....	1	
	Upholstered household furniture.....	1			Sausages, prepared meats, and other meat products—made in meat-packing establishments.....	1	
	Wooden boxes except cigar boxes.....	1		3	Batting, padding, and wadding; upholstery filling.....	1	
7	Envelopes.....	1			Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	1	
	Paperboard containers and boxes not elsewhere classified.....	1		4	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	1	
8	Bookbinding and related industries.....	1			Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.....	1	
	Electrotyping and stereotyping, not done in printing establishments.....	1			Women's and misses' (except house dresses)—made in inside factories or by jobbers engaging contractors.....	1	
	Engraving (steel, copperplate, and wood); plate printing.....	1			Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	
	Machine and hand typesetting (including advertisement typesetting).....	2			Work gloves and mittens: cloth, cloth and leather combined.....	1	
	Newspapers: publishing and printing.....	6	205	5	Plywood mills.....	2	
	Newspapers: publishing without printing.....	1		6	Caskets, coffins, burial cases, and other morticians' goods.....	2	
	Photoengraving, not done in printing establishments (including preparation of plates).....	1			Matches.....	1	
9	Coal-tar products, crude and intermediate.....	1			Mirror frames and picture frames.....	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	2			Partitions, shelving, cabinet work, and office and store fixtures.....	1	
	Drugs and medicines (including drug grinding).....	1			Upholstered household furniture.....	6	
	Insecticides, fungicides, and related industrial and household chemical compounds.....	1			Wooden boxes except cigar boxes.....	3	
	Paints, varnishes, and lacquers.....	2			Wood preserving.....	1	
	Soap and glycerin.....	1		7	Paper and paperboard mills.....	1	
12	Footwear (except rubber).....	1			Paperboard containers and boxes not elsewhere classified.....	2	
	Industrial leather belting and packing leather.....	1			Pulp mills.....	2	
13	Brick and hollow structural tile.....	2		8	Bookbinding and related industries.....	1	
	Concrete products.....	1			Books: publishing and printing.....	1	
	Mirrors and other glass products made of purchased glass.....	1			Electrotyping and stereotyping, not done in printing establishments.....	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	1			Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	
	Steam and other packing; pipe and boiler covering.....	2			Machine and hand typesetting (including advertisement typesetting).....	2	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	1			Newspapers: publishing and printing.....	5	162
	Gray-iron and semisteel castings.....	2			Periodicals: publishing without printing.....	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills.....	1		9	Chemicals not elsewhere classified.....	2	
	Tools (except edge tools, machine tools, files, and saws).....	1			Glue and gelatin.....	1	
15	Nonferrous-metal foundries (except aluminum).....	1			Insecticides, fungicides, and related industrial and household chemical compounds.....	1	
16	Batteries, storage and primary (dry and wet).....	1			Lubricating oils and greases—not made in petroleum refineries.....	1	
	Electrical appliances.....	1			Paints, varnishes, and lacquers.....	2	
	Radio, radio tubes, and phonographs.....	1			Soap and glycerin.....	1	
17	Agricultural machinery (except tractors).....	1			Vegetable and animal oils, not elsewhere classified.....	2	
	Industrial machinery, not elsewhere classified.....	1		10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint).....	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	1		12	Footwear (except rubber).....	1	
		1			Leather gloves and mittens.....	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 SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
CITY OF TACOMA—Continued				CITY OF TACOMA—Continued			
13	Mirrors and other glass products made of purchased glass.....	1		17	Construction and similar machinery (except mining and oil-field machinery and tools).....	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	3	71		Elevators, escalators, and conveyors.....	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	2			Machine-shop products, not elsewhere classified.....	2	
	Gray-iron and semisteel castings.....	4	133		Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	1	
	Oil burners, domestic and industrial.....	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	1	
	Power boilers and associated products.....	2			Woodworking machinery.....	4	25
	Saws.....	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	1	
	Steam and hot-water heating apparatus (including hot-water furnaces).....	1		19	Shipbuilding and ship repairing.....	8	
	Steel castings.....	1		20	Brooms.....	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	1			Brushes.....	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1			Hand stamps, stencils, and brands.....	1	
	Sheet-metal work not specifically classified.....	4			Sporting and athletic goods not elsewhere classified.....	2	
16	Electrical appliances.....	2			Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	1	

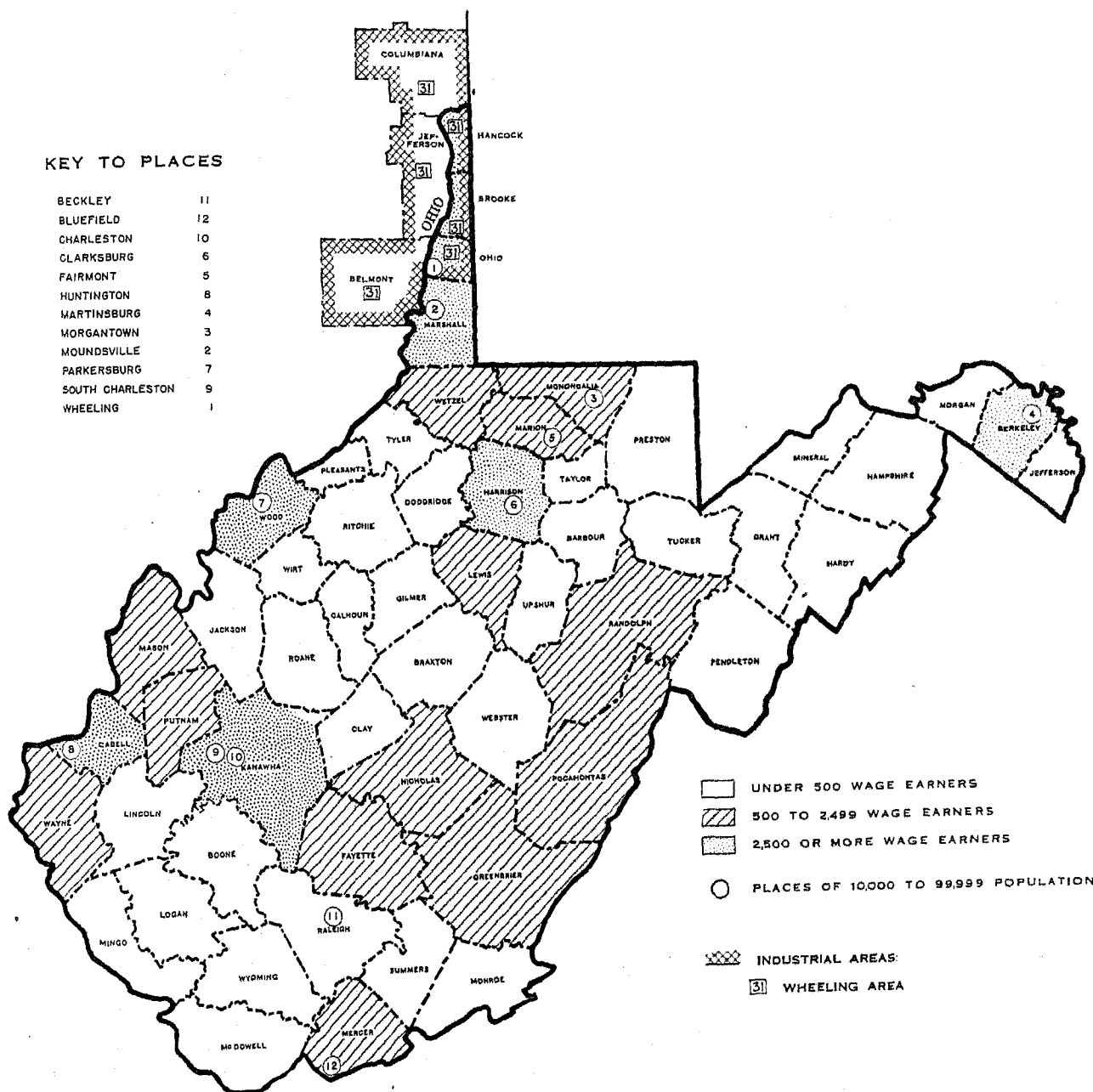
¹ For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

WEST VIRGINIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

BECKLEY	11
BLUEFIELD	12
CHARLESTON	10
CLARKSBURG	6
FAIRMONT	5
HUNTINGTON	8
MARTINSBURG	4
MORGANTOWN	3
MOUNDSVILLE	2
PARKERSBURG	7
SOUTH CHARLESTON	9
WHEELING	1



Prepared by the Bureau of the Census, Department of Commerce

WEST VIRGINIA

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.....	1,130	590	83,047	\$107,086,933	\$227,001,641	\$441,840,388	\$214,778,747
1937.....	1,057	515	91,525	120,806,168	257,751,612	430,526,030	222,774,418
1929.....	1,427	787	82,637	118,438,197	244,383,668	477,840,999	233,457,331

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 THE WHEELING INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ^{2,3}	Value of products ^{2,3}	Value added by manufacture ⁴
The State.....	1,901,974	1,130	74,989	\$88,487,433	\$227,001,641	\$441,840,388	\$214,778,747
Wheeling Industrial Area, total ⁵	414,064	412	43,519	57,784,542	183,230,586	291,617,809	108,387,223
Portion in West Virginia.....	130,200	173	24,112	30,992,521	91,853,633	150,853,477	59,499,844
Portion in Ohio.....	283,864	239	19,407	26,792,021	91,376,953	140,764,332	48,887,379
COUNTIES IN WEST VIRGINIA ⁴							
Barbour.....	19,869	11	86	36,582	54,804	193,512	188,708
Berkeley.....	29,016	28	3,423	2,746,427	5,480,587	11,866,417	6,385,830
Boone.....	28,656	3	176				
Braxton.....	21,658	5	24	11,343	37,353	83,542	46,189
Brooke.....	25,613	26	3,598				
Cabell.....	97,459	100	5,748	6,634,696	18,025,607	30,414,992	21,399,385
Calhoun.....	12,455						
Clay.....	15,206	5	101				
Doddridge.....	10,923						
Fayette.....	80,628	20	1,042				
Gilmer.....	12,046	1					
Grant.....	8,805	8	83				
Greenbrier.....	38,520	19	532				
Hampshire.....	12,974	9	133				
Hancock.....	31,572	41	14,005				
Hardy.....	10,813	32	276	193,942	757,511	1,437,216	679,705
Harrison.....	82,911	51	4,084	5,253,077	7,850,727	18,025,172	11,074,445
Jackson.....	16,598	9	54	27,040	44,780	119,179	74,399
Jefferson.....	16,762	20	473	409,095	1,331,853	2,651,861	1,320,008
Kanawha.....	195,619	95	8,970	13,688,211	39,039,179	88,604,629	40,565,450
Lewis.....	22,271	14	802	761,605	499,569	1,742,030	1,242,461
Lincoln.....	22,886						
Logan.....	67,768	20	423	349,227	462,205	1,237,942	775,737
Marion.....	68,683	80	1,889	2,403,580	6,290,456	13,326,298	7,035,842
Marshall.....	40,189	33	4,453				
Mason.....	22,270	10	553	522,817	936,308	1,871,871	935,563
McDowell.....	94,354	23	466	339,340	562,904	1,605,608	1,042,704
Mercer.....	68,289	31	616	654,721	1,447,668	3,367,532	1,919,864
Mineral.....	22,215	11	105	71,699	141,067	312,161	171,094
Mingo.....	40,802	10	182	153,559	316,616	769,392	452,776
Monongalia.....	51,252	44	1,133	1,139,244	963,911	3,074,253	2,110,342
Monroe.....	13,577	4	22	11,534	38,280	64,744	26,464
Morgan.....	8,743	23	451	273,214	1,276,956	2,262,394	985,438
Nicholas.....	24,070	13	1,387				
Ohio.....	73,115	106	6,514	7,403,799	27,175,122	43,682,324	16,507,202
Pendleton.....	10,884	10	110	56,528	50,340	168,213	117,873
Pleasants.....	6,692	5	200				
Pocahontas.....	13,906	10	703				
Preston.....	30,416	23	297	288,799	466,181	1,046,093	579,912
Putnam.....	19,511	6	659				
Raleigh.....	36,687	34	390	356,480	656,132	1,702,267	1,040,135
Randolph.....	30,259	18	656	505,191	1,733,126	2,987,014	1,223,888
Ritchie.....	15,389	10	118	92,019	87,276	264,645	177,869
Roane.....	40,787	7	19	18,472	49,537	124,342	74,805
Summers.....	20,409	7	67	46,687	37,391	150,080	112,689

⁷ See footnotes at end of table.

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

	Population, 1940	Number of establish- ments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased elec- tric energy, and contract work ³	Value of products ⁴	Value added by manufacture ⁵
COUNTIES IN WEST VIRGINIA ⁶ —continued							
Taylor.....	19,919	7	311	\$351,963	\$207,385	\$774,065	\$566,680
Tucker ⁷	13,173	6	274	.....	.....	.....	.....
Tyler.....	12,559	6	482	505,422	445,367	1,057,051	611,684
Upshur.....	18,360	13	129	56,560	217,960	357,171	139,211
Wayne.....	35,506	17	560	469,181	1,085,866	2,304,030	1,218,164
Webster ⁷	18,080	2	.....	.....	.....	.....	.....
Wetzel.....	22,342	21	674	662,650	870,018	2,242,943	1,872,925
Wirt ⁸	6,475	.....	.....	.....	.....	.....	.....
Wood.....	62,399	63	6,918	7,505,438	13,570,261	31,178,015	17,607,754
Wyoming.....	29,774	10	367	290,744	325,339	873,474	548,135
Undistributed ⁹.....	.....	207	27,897	34,202,639	94,525,999	160,027,916	65,501,917
PLACES HAVING 10,000 OR MORE INHABITANTS							
Beckley.....	12,852	12	191	244,440	415,883	1,097,390	681,507
Bluefield, W. Va. and Va., total.....	24,562	30	670	608,127	1,434,525	3,246,363	1,811,838
Bluefield, W. Va.....	20,041	21	432	504,892	1,221,687	2,738,308	1,516,621
Bluefield, Va.....	3,921	9	138	98,735	212,838	508,055	295,217
Charleston.....	67,914	60	1,455	1,772,812	4,807,114	10,788,379	5,981,265
Clarksburg.....	30,579	38	2,418	2,982,641	3,884,427	10,575,745	6,091,318
Fairmont.....	23,105	24	1,558	2,016,667	4,896,485	11,143,313	6,244,828
Huntington ¹⁰	78,836	96	4,672	.....	.....	.....	.....
Martinsburg.....	15,063	18	2,786	2,173,119	3,522,671	8,173,345	4,650,674
Morgantown.....	16,655	29	939	897,961	638,568	2,270,457	1,631,889
Moundsville.....	14,168	17	1,301	1,320,060	3,673,894	6,893,297	3,219,403
Parkersburg.....	30,103	41	1,324	1,118,785	5,501,705	8,797,744	3,296,039
South Charleston ¹⁰	10,377	5	2,094	.....	.....	.....	.....
Wheeling ¹⁰	61,099	104	6,489	.....	.....	.....	.....

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 The Wheeling Industrial Area comprises Brooke, Hancock, and Ohio Counties, W. Va., and Belmont, Columbiana, and Jefferson Counties, Ohio. For statistics by industries, see table 9.

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

⁸ No manufacturing reported.

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

¹⁰ Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

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	93,782	83,302	Salaried officers and employees—Continued.		
Male.....	76,844	70,267	All other employees, etc.—Continued.		
Female.....	16,918	13,035	Engaged in manufacturing:		
Salaried officers and employees, total.....	13,434	7,484	Male.....	5,970	
Male.....	11,627	6,096	Female.....	1,373	
Female.....	1,807	1,388	Engaged in distribution:		
Salaried officers of corporations, total.....	715	881	Male.....	1,813	
Male.....	654	839	Female.....	345	(?)
Female.....	61	42	Engaged in construction:		
All other employees (except wage earners in manufacturing), total.....	12,719	6,603	Male.....	3,007	
Male.....	10,973	5,237	Engaged in other work:		
Female.....	1,746	1,346	Male.....	183	
			Female.....	28	
			Wage earners engaged in manufacturing, total.....	80,328	75,818
			Male.....	65,217	64,171
			Female.....	15,111	11,647

¹ See headnote.

² Figures do not include data for 500 proprietors and firm members for 1939 and 787 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.....	74,989	70,839	71,620	72,928	72,883	72,304	72,311	71,882	74,093	76,377	80,765	82,640	81,231
1937.....	83,464	80,484	83,243	85,067	86,291	86,570	87,621	84,895	84,665	84,978	82,472	79,668	75,014
1929.....	75,153	72,809	74,032	75,289	75,989	75,941	76,628	75,374	76,583	76,449	76,205	74,320	72,218

¹ See GENERAL EXPLANATIONS—Wage earners and wages.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE ²
	1939	1929	1939	1929	1939	1939
All establishments.....	1,130	1,427	74,989	75,153	\$441,840,388	\$214,778,747
No wage earners.....	21	32			291,369	90,769
1 to 5.....	457	688	1,866	2,085	9,885,272	5,086,326
6 to 20.....	298	298	3,278	3,285	19,111,611	9,607,890
21 to 50.....	134	168	4,433	5,486	22,962,169	11,902,722
51 to 100.....	81	76	5,838	5,577	28,544,701	14,538,577
101 to 250.....	70	98	10,820	10,044	84,239,386	30,047,966
251 to 500.....	36	41	12,176	13,481	58,430,588	23,908,168
501 to 1,000.....	17	18	11,348	11,866	62,566,165	34,272,979
1,001 to 2,500.....	14	7				
2,501 or more.....	2	1	25,730	17,320	155,809,237	85,268,774

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.

WEST VIRGINIA

1071

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.....	1,130	1,427	74,989	75,153	\$441,840,388	\$477,840,999	\$214,778,747	\$233,457,331
\$5,000 to \$19,999.....	400	592	1,578	1,800	4,302,141	6,221,837	2,645,627	3,909,762
\$20,000 to \$49,999.....	251	249	2,438	1,784	7,898,259	7,724,970	4,685,187	4,014,444
\$50,000 to \$99,999.....	136	155	2,332	2,364	9,219,140	10,933,451	5,321,271	6,545,567
\$100,000 to \$249,999.....	135	164	5,422	5,843	21,883,657	26,321,133	12,117,429	14,855,105
\$250,000 to \$499,999.....	81	101	6,189	7,657	28,099,327	35,666,756	14,878,852	20,856,747
\$500,000 to \$999,999.....	41	76	5,978	11,739	27,498,726	53,002,553	16,191,005	29,334,252
\$1,000,000 to \$2,499,999.....	50	45	14,943	10,945	75,506,411	77,624,267	32,102,672	33,545,183
\$2,500,000 to \$4,999,999.....	19	31	7,130	13,820	65,582,733	103,692,997	21,347,844	42,836,080
\$5,000,000 and over.....	23	14	28,979	19,201	201,839,994	156,651,635	105,588,890	76,960,191

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.....	1,130	1,427	74,989	75,153	\$441,840,388	\$477,840,999	\$214,778,747	\$233,457,331
TYPE OF OPERATION								
1939³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	301	(⁴)	49,284	(⁵)	343,048,751	(⁶)	159,856,765	(⁷)
Independent (single-unit).....	365	(⁸)	21,763	(⁹)	85,443,926	(¹⁰)	47,723,907	(¹¹)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	58	(¹²)	440	(¹³)	1,460,648	(¹⁴)	853,777	(¹⁵)
Independent (single-unit).....	406	(¹⁶)	3,502	(¹⁷)	11,887,063	(¹⁸)	6,344,298	(¹⁹)
1939 AND 1929³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	359	280	49,724	46,409	344,509,399	323,636,985	160,710,542	160,523,565
Independent (single-unit), corporate and noncorporate.....	771	1,147	25,265	28,744	97,330,989	154,204,014	54,068,205	82,933,766
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	666	761	71,047	70,325	428,492,677	458,187,809	207,580,672	221,680,495
Noncorporate, total.....	464	666	3,942	4,828	13,347,711	19,653,190	7,198,075	11,476,836
Individual.....	301	(²⁰)	2,325	(²¹)	7,973,684	(²²)	4,198,721	(²³)
Partnership.....	159	(²⁴)	1,536	(²⁵)	5,210,348	(²⁶)	2,882,423	(²⁷)
Cooperative.....	3							
Other.....	1		81		163,679		116,931	

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

TABLE 8.—GENERAL STATISTICS FOR THE

[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 BY MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ²	Manufacturing		Distribution	Construction	Other
						Salaried employees ²	Wage earners (average for year) ³			
1	All industries, total.....	1,130	590	88,423	715	7,343	74,989	2,158	3,007	211
2	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	108	104	2,180	50	208	1,734	104	21	63
3	13 Brick and hollow structural tile.....	14	5	560	11	24	516	6	1	2
4	1 Candy and other confectionery products.....	6	5	21	1	3	16	1		
5	1 Canned and dried fruits and vegetables (including canned soups).....	17	22	294		7	287			
6	6 Caskets, coffins, burial cases, and other morticians' goods.....	3	1	71	5	11	51	4		
7	13 Cement.....	3		340	2	45	251	11	40	
8	9 Chemicals not elsewhere classified.....	12		7,195	7	1,387	4,532	11	1,268	
9	13 Clay refractories, including refractory cement (clay).....	4		323	4	11	310	3		
10	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7		185		32	139	14		
11	13 Concrete products.....	26	23	287	7	16	237	25	2	
12	1 Condensed and evaporated milk.....	3		10	1	1	8			
13	6 Cooperage.....	12		52	5	5	42			
14	1 Creamery butter.....	8	4	84	2	7	20	5		
15	9 Drugs and medicines (including drug grinding).....	5		80	3	20	46	16		1
16	14 Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	6	1	453	5	38	398	12		
17	13 Flat glass.....	7		2,824	6	244	2,384	30	160	
18	1 Flour and other grain-mill products.....	32	23	246	18	26	184	38		
19	20 Games and toys (except dolls and children's vehicles).....	6	1	805	5	46	749	4	1	
20	8 General commercial (job) printing.....	48	30	516	33	79	377	27		
21	13 Glass containers.....	6		2,614	8	306	2,300			
22	3 Hosiery—seamless.....	3		1,945	1	122	1,771	41	10	
23	13 Hotel china.....	4		767	10	35	702	13	4	3
24	4 House dresses, uniforms, and aprons—made in contract factories.....	4		568	6	26	525	11		
25	1 Ice cream and ices.....	21	3	313	12	39	156	100	1	5
26	1 Ice, manufactured.....	39	10	312	23	43	111	133		2
27	17 Industrial machinery, not elsewhere classified.....	4	4	18		3	12		3	
28	12 Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	6		938	2	30	897			
29	13 Lime.....	10	2	382	6	29	312		35	
30	8 Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3		91	8	13	63	7		
31	5 Logging camps and logging contractors (not operating sawmills).....	5	5	62			62			
32	17 Machine-shop products, not elsewhere classified.....	6		364	7	59	296	2		
33	17 Machine-shop repairs.....	13	7	161	9	20	131	1		
34	6 Mattresses and bedsprings.....	4	2	65	1	7	49	8		
35	1 Meat packing, wholesale.....	14	16	463	9	30	289	132	3	
36	13 Minerals and earths, ground or otherwise treated.....	3	2	65		5	60			
37	17 Mining machinery and equipment.....	4		455	11	41	365	38		
38	13 Mirrors and other glass products made of purchased glass.....	9	5	173	4	15	149	5		
39	8 Newspapers: publishing and printing.....	87	53	1,774	44	523	833	374		
40	8 Newspapers: publishing without printing.....	4	2	18	7	9	2			
41	1 Nonalcoholic beverages.....	67	37	676	40	70	249	300		17
42	15 Nonferrous-metal foundries (except aluminum).....	7	4	63	4	7	48	4		
43	17 Oil-field machinery and tools.....	4	2	367	9	36	297	15		
44	10 Oven coke and coke-oven byproducts.....	3		791	2	49	740			
45	9 Paints, varnishes, and lacquers.....	4		32	7	10	12	3		
46	7 Paper and paperboard mills.....	5		786	7	62	703	14		
47	7 Paperboard containers and boxes not elsewhere classified.....	10	4	703	10	59	615	19		
48	10 Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.....	6		36	1	8	26	1		
49	10 Petroleum refining.....	3		458	1	66	391			
50	5 Planing mills not operated in conjunction with sawmills.....	28	9	806	18	38	426	24		
51	13 Pottery products not elsewhere classified.....	6	1	352	6	14	331	1		
52	14 Power boilers and associated products.....	3	3	60	1	6	52	1		
53	1 Prepared feeds (including mineral) for animals and fowls.....	3	1	20	3	2	8	7		
54	12 Saddlery, harness, and whips.....	3	1	47	4	5	36			2
55	9 Salt.....	3		146	2	13	121	2	8	
56	1 Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	8	1	109		9	100			
57	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	168	127	5,451	41	267	5,026	63	54	
58	15 Sheet-metal work not specifically classified.....	5	6	227	4	11	195	17		
59	20 Signs, advertising displays, and advertising novelties.....	6	3	50	6	6	83	5		
60	14 Stamped and pressed metal products (except automobile stampings).....	5		1,104	8	52	1,040	4		
61	14 Steel works and rolling mills.....	11		14,577	5	658	13,002	24	864	24
62	14 Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	4		317	9	9	274	25		
63	20 Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	3	2	14		2	12			
64	13 Tableware, pressed or blown glass, and glassware not elsewhere classified.....	81	14	5,478	42	341	5,019	57	19	
65	13 Tin cans and other tinware not elsewhere classified.....	4		1,070	5	102	947	10		
66	13 Whiteware.....	5		5,576	15	225	5,048	90	169	29

See footnotes at end of table.

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	Salaries of officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
		Salaries	Wages											
\$114,001,536	\$3,438,319	\$15,161,181	\$88,487,433	\$3,374,444	\$3,814,695	\$325,464	\$227,061,641	\$204,263,177	\$17,074,476	\$4,698,234	\$1,025,754	\$441,840,388	\$214,778,747	1
3,025,528	276,627	405,835	2,139,227	100,125	37,482	66,282	4,966,494	4,770,782	99,556	96,156		10,653,210	5,696,716	2
602,477	44,525	41,920	504,940	8,938	1,700	445	439,703	81,461	268,956	59,286		1,590,152	1,140,449	3
17,789	1,884	3,447	11,053	855			51,988	50,401	903	684		97,433	45,445	4
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	5
80,442	13,250	11,490	48,394	5,906		1,402	170,459	166,551	2,236	1,672		290,477	120,018	6
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	7
13,371,900	57,950	3,261,154	8,067,250	26,396	1,959,210		23,962,793	19,747,314	2,896,922	1,260,936	55,621	57,076,756	33,113,963	8
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	9
332,130		71,515	216,014	44,601			639,051	523,616	94,429	21,006		1,629,561	990,510	10
318,800	30,950	26,778	203,775	38,059	7,810	2,428	691,700	676,961	3,643	11,096		1,494,083	712,983	11
18,235	5,550	3,035	9,650				122,783	110,764	3,494	8,525		173,564	50,781	12
49,785	12,200	5,351	32,234				122,537	121,196	627	714		204,406	81,869	13
(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	14
71,255	6,300	33,861	21,609	8,800		685	85,474	83,042	1,156	1,276		255,333	109,859	15
654,671	31,200	80,822	502,814	30,835			2,247,777	2,226,597	3,982	17,198		3,235,874	988,097	16
4,691,282	39,200	630,661	3,779,250	130,427	111,744		4,652,463	3,267,286	1,318,615	66,562		12,544,075	7,891,612	17
296,269	56,420	35,732	162,589	51,528			1,877,550	1,837,620	12,034	27,896		2,461,944	584,394	18
730,414	32,652	88,132	603,930	13,900	1,800		1,030,458	949,749	61,225	19,381		2,039,095	1,008,637	19
738,743	116,072	124,442	463,838	34,301			483,915	451,570	6,996	17,359	7,990	1,682,015	1,198,100	20
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	21
867,091	42,744	66,240	715,426	32,882	7,023	2,776	297,749	207,289	72,606	17,854		1,440,310	1,142,561	22
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	23
378,591	31,336	63,454	150,227	126,381	1,653	5,840	1,413,908	1,349,052	12,993	51,863		2,838,326	924,418	24
377,299	52,222	60,952	122,777	140,374		974	187,875	43,238	39,075	105,062		630,020	632,645	25
20,329		2,869	12,978		4,482		17,650	16,042	654	954		54,366	36,716	26
933,744	28,500	90,269	814,975				5,877,840	5,787,383	76,515	13,442		8,212,871	2,335,531	27
381,939	10,369	44,042	290,406		37,122		918,829	518,863	333,400	66,566		1,751,737	832,908	28
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	29
35,423		35,423					18,341	18,125	100	116		85,653	67,312	30
529,488	58,001	103,042	366,645	1,800			1,130,360	1,099,077	8,917	22,396		1,767,678	637,288	31
216,918	18,584	23,387	172,679	2,208			221,377	209,620	2,654	9,103		533,423	312,046	32
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	33
504,928	32,383	52,619	282,866	151,945	5,115		4,364,681	4,308,853	35,417	20,411		5,320,482	956,801	34
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	35
651,228	50,514	135,788	406,820	58,106			1,000,818	966,544	11,420	22,554		2,021,154	1,020,336	36
157,809	20,392	20,451	113,152	3,814			231,050	216,194	7,533	7,323		555,840	324,790	37
2,720,087	240,630	716,893	1,302,693	469,871			1,068,776	969,632	30,582	53,223	15,359	6,122,603	5,053,827	38
16,772	4,560	8,992	3,220				18,773	1,760	231	78		47,825	28,852	39
863,779	134,385	108,594	234,807	361,585	335	24,073	1,733,806	1,688,272	13,874	31,659		4,173,025	2,439,220	40
101,634	17,955	10,913	65,628	7,138			138,289	127,670	5,422	5,197		338,758	200,409	41
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	42
1,314,842	16,573	130,153	1,162,116	7,400			5,610,183	4,955,826	555,556	98,801		7,663,099	2,052,916	43
64,053	23,349	21,470	11,834				192,019	189,717	566	1,736		273,608	81,589	44
1,104,956	50,900	154,087	838,099	61,870			3,357,545	3,068,976	230,667	57,902		5,157,466	1,799,921	45
880,327	41,910	99,255	697,071	40,684	1,407		2,940,492	2,895,697	21,784	18,454	4,557	4,825,477	1,884,985	46
38,732	8,550	14,050	19,430	802			211,773	197,079	8,350	6,344		462,241	250,468	47
805,087	1,406	161,780	641,901				8,402,877	7,980,785	321,045	101,047		10,549,149	2,146,272	48
550,177	47,754	58,609	411,612	31,702		600	1,156,385	1,115,050	25,043	21,292		2,151,992	992,607	49
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	50
68,062	3,500	8,125	54,637	1,800			154,626	146,685	1,084	6,857	600	273,525	118,899	51
21,087	6,020	1,612	6,877	6,578			80,045	78,000	106	1,639		124,026	45,081	52
37,018	3,450	6,665	25,790		1,113		34,828	33,191	1,084	563		87,113	52,255	53
116,335	13,000	14,003	73,743	3,194	7,700	2,795	140,415	70,141	68,354	1,920		250,738	110,323	54
103,239		13,477	89,762				1,122,347	1,116,021	5,060	11,266		1,314,592	182,245	55
4,524,699	165,821	443,827	3,787,396	79,932	47,733		3,453,277	3,058,993	114,393	29,497	250,394	10,542,348	7,089,071	56
304,057	17,196	20,308	245,376	22,077			558,981	533,404	10,965	4,582		1,118,835	549,884	57
77,681	25,500	7,301	38,233	6,547			87,041	83,969	336	2,736		160,609	123,568	58
1,372,894	25,350	87,396	1,253,866	6,282			3,453,615	3,365,144	21,167	67,304		5,590,495	2,136,880	59
21,518,405	98,835	1,612,062	18,772,508	61,180	936,403	41,577	46,419,183	42,236,534	3,784,392	398,207		79,794,862	33,375,729	60
337,760	41,100	18,153	239,040	39,473			456,069	438,071	11,824	7,074		1,012,020	555,651	61
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	62
6,631,673	267,823	686,647	5,382,309	224,679	19,561	564	3,400,071	2,392,705	881,917	176,334	9,115	13,509,733	9,810,662	63
(¹)	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	64
6,632,037	116,036	691,891	5,264,425	213,121	178,464	71,100	3,603,501	3,081,968	332,624	124,469	64,500	11,073,367	7,469,866	65

CENSUS OF MANUFACTURES: 1939

TABLE 8.—GENERAL STATISTICS FOR THE

Group No.		INDUSTRY	*Num-ber of estab-lish-ments	*Propri-ators and firm mem-bers	*PERSONS EMPLOYED BY 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	16	Wiring devices and supplies.....	4	1	266	2	16	247	1		
2	6	Wooden boxes except cigar boxes.....	6	1	145	8	14	119	4		
3	6	Wood products not elsewhere classified.....	4	3	296	5	14	268	9		
4	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	8	2	1,009	8	43	956			2
5	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	5	1	338	3	32	288	12		3
6		Other industries 6.....	202	73	27,732	160	2,242	24,485	383	404	58
OTHER INDUSTRIES, BY INDUSTRY GROUPS 7											
7	1	Food and kindred products.....	32	29	511	5	30	443	31		2
8	3	Textile-mill products and other fiber manufactures.....	6		2,576	5	183	2,337	41	10	
9	4	Apparel and other finished products made from fabrics and similar materials.....	11	2	1,866	11	81	1,736	23		15
10	6	Furniture and finished lumber products.....	14	4	686	10	52	594	30		
11	8	Printing, publishing, and allied industries.....	8	1	121	9	21	84	7		
12	9	Chemicals and allied products.....	11		5,288	11	336	4,543	51	347	
13	10	Products of petroleum and coal.....	6		166	4	11	138			3
14	13	Stone, clay, and glass products.....	38	15	4,873	31	449	4,307	39	47	
15	14	Iron and steel and their products, except machinery.....	25	7	5,529	25	438	4,993	73		
16	15	Nonferrous metals and their products.....	7		2,412	11	337	2,020	6		38
17	16	Electrical machinery.....	10	4	648	3	80	559	6		
18	17	Machinery (except electrical).....	13	4	548	20	53	440	35		
19	20	Miscellaneous industries.....	6	2	94	3	8	83			
20	2	Tobacco manufactures.....	7	2	922	5	26	883	8		
	7	Paper and allied products.....	1								
	11	Rubber products.....	1								
	12	Leather and leather products.....	2	3	1,502	7	137	1,325	33		
	18	Automobiles and automobile equipment.....	2								
	19	Transportation equipment except automobiles.....	2								

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

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

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

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

WEST VIRGINIA

1075

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 corpora- tions ³	Manufacturing		Distribu- tion	Con- struction	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work			
		Salaries ⁴	Wages											
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)			(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	
\$116,470	\$13,597	\$14,130	\$82,490	\$6,253			\$160,591	\$139,653	\$987	\$9,951		\$276,158	\$123,567	1
241,180	11,400	21,998	196,954	9,388		\$1,440	374,916	373,450		1,066	\$400	742,757	367,841	2
926,120	37,840	96,577	789,070			1,633	1,780,198	1,699,098	46,409	34,691		3,312,053	1,531,855	3
228,123	8,650	21,069	180,916	14,640		2,848	591,250	585,590	1,096	4,564		921,677	330,427	4
33,030,817	926,454	4,465,147	26,404,039	686,917	\$450,971	97,289	79,111,097	71,867,206	5,171,447	1,472,130	600,314	149,917,199	70,806,102	5
330,972	12,213	35,469	234,642	46,848		1,800	1,537,484	1,472,590	36,818	26,275	2,801	2,567,428	1,029,954	6
2,330,678	112,080	341,256	1,823,483	40,120	13,739		6,462,189	6,296,646	62,745	44,480	58,318	11,188,171	4,725,982	7
1,097,846	23,348	80,270	949,590	25,538		19,100	1,428,904	1,410,942	3,729	14,233		3,233,950	1,805,046	8
763,159	35,712	85,696	552,395	89,356			2,267,103	2,196,459	47,444	21,400	1,900	3,786,721	1,519,618	9
211,657	37,165	33,064	116,151	26,287			152,438	143,373	1,139	4,256	3,670	477,437	324,999	10
7,009,859	104,291	774,096	5,642,771	126,868	361,833		9,831,723	9,037,908	670,271	91,118	32,431	26,091,009	15,259,286	11
131,669	6,550	18,629	111,149			361	607,129	567,563	6,221	33,345		906,248	802,119	12
6,371,684	184,449	869,127	5,180,756	61,853	75,399		9,185,099	7,131,617	1,520,503	532,979		26,645,224	17,460,125	13
6,632,454	172,696	843,261	5,502,440	114,067			25,096,397	22,771,616	2,077,816	229,430	17,535	35,875,660	10,779,263	14
4,064,904	66,462	794,447	3,110,492	18,475		76,028	10,083,663	9,146,064	564,699	248,943	123,957	20,309,124	10,225,461	15
917,670	15,532	156,133	727,682	18,323			2,991,630	2,756,767	91,611	143,252		5,297,101	2,305,471	16
705,591	76,596	123,103	460,303	45,689			1,696,163	1,652,447	21,667	22,009	50	2,785,517	1,086,854	17
91,478	13,130	12,826	65,523				78,880	71,731	2,826	3,812	512	221,545	142,665	18
2,371,296	67,260	302,771	1,927,662	73,003			7,692,295	7,211,488	64,969	56,598	359,240	11,529,054	3,836,759	19

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 11.

TABLE 9.—GENERAL STATISTICS FOR THE WHEEL

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

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 ²	Wage earners (average for year) ³			
1	All industries, total.....	412	206	49,204	317	3,066	43,519	1,090	1,136	76
2	14 Blast-furnace products.....	4	—	842	—	67	725	—	—	—
3	1 Bread and other bakery products (except biscuit, crackers, and pretzels)...	50	58	829	10	62	678	65	60	—
4	13 Brick and hollow structural tile.....	3	—	134	5	13	116	—	—	14
5	1 Candy and other confectionery products.....	3	2	7	—	—	7	—	—	—
6	9 Chemicals not elsewhere classified.....	3	—	51	—	6	45	—	—	—
7	13 Clay refractories, including refractory cement (clay).....	10	1	731	7	40	680	4	—	—
8	13 Concrete products.....	4	5	8	—	—	8	—	—	—
9	6 Cooperage.....	7	3	43	2	5	30	—	—	—
10	1 Creamery butter.....	4	4	13	—	3	7	3	—	—
11	1 Flour and other grain-mill products.....	5	4	20	—	4	16	—	—	—
12	8 General commercial (job) printing.....	22	23	294	6	49	233	6	—	—
13	14 Gray-iron and semisteel castings.....	8	—	332	12	24	296	—	—	—
14	13 Hotel china.....	3	—	612	11	38	541	17	2	3
15	1 Ice cream and ices.....	13	5	151	8	21	57	60	—	5
16	1 Ice, manufactured.....	10	4	99	15	9	36	39	—	—
17	17 Machine-shop repairs.....	4	4	35	—	5	29	1	—	—
18	1 Malt liquors.....	3	—	171	6	22	95	41	7	—
19	1 Meat packing, wholesale.....	6	5	334	2	14	217	98	3	—
20	8 Newspapers: publishing and printing.....	22	11	568	5	165	286	112	—	—
21	1 Nonalcoholic beverages.....	17	17	151	10	11	53	72	—	6
22	15 Nonferrous-metal foundries (except aluminum).....	5	4	71	5	8	53	4	—	1
23	7 Paper and paperboard mills.....	5	—	508	5	49	506	2	—	—
24	7 Paperboard containers and boxes not elsewhere classified.....	4	1	124	5	10	102	7	0	—
25	5 Planing mills not operated in conjunction with sawmills.....	4	1	41	2	6	19	14	—	—
26	13 Porcelain electrical supplies.....	5	1	348	9	22	304	13	—	—
27	13 Pottery products not elsewhere classified.....	10	5	1,057	12	45	990	6	2	2
28	5 Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	5	7	13	—	—	13	—	—	—
29	13 Sewer pipe and kindred products.....	5	—	472	4	27	430	11	—	—
30	17 Special-industry machinery, not elsewhere classified.....	5	—	285	11	27	221	26	—	—
31	14 Steel works and rolling mills.....	14	—	19,562	—	878	17,820	—	864	—
32	13 Tableware, pressed or blown glass, and glassware not elsewhere classified.....	5	—	596	11	39	480	44	8	14
33	14 Tin cans and other tinware not elsewhere classified.....	4	—	1,070	5	102	947	16	—	—
34	14 Tools (except edge tools, machine tools, files, and saws).....	4	2	152	3	25	120	4	—	—
35	6 Upholstered household furniture.....	4	1	292	7	24	252	9	—	—
36	14 Vitreous enameled products, including kitchen, household, and hospital utensils.....	4	—	1,363	9	149	1,193	12	—	—
37	13 Whiteware.....	9	1	6,152	20	268	5,558	108	169	20
38	6 Wooden boxes except cigar boxes.....	3	—	54	3	3	48	—	—	—
39	Other industries ⁴	141	42	14,718	137	1,127	12,975	448	28	3
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁵										
40	1 Food and kindred products.....	17	7	431	4	25	292	107	3	—
41	4 Apparel and other finished products made from fabrics and similar materials.....	5	4	348	—	12	331	1	4	—
42	6 Furniture and finished lumber products.....	7	—	348	6	12	306	24	—	—
43	8 Printing, publishing, and allied industries.....	5	—	128	10	17	67	34	—	—
44	9 Chemicals and allied products.....	12	—	368	6	52	275	21	14	—
45	13 Stone, clay, and glass products.....	15	8	618	10	39	544	23	2	—
46	14 Iron and steel and their products, except machinery.....	28	2	7,607	32	547	6,974	54	—	—
47	15 Nonferrous metals and their products.....	5	—	700	8	42	640	10	—	—
48	17 Machinery (except electrical).....	19	6	1,706	37	192	1,361	115	—	1
49	20 Miscellaneous industries.....	4	5	11	—	—	9	2	—	—
50	2 Tobacco manufactures.....	9	6	941	4	26	902	9	—	—
	7 Paper and allied products.....	3	—	156	0	6	123	21	—	—
	10 Products of petroleum and coal.....	4	—	657	—	21	636	—	—	—
	16 Electrical machinery.....	4	1	267	9	70	149	27	—	2
	3 Textile-mill products and other fiber manufactures.....	1	—	—	—	—	—	—	—	—
	11 Rubber products.....	1	—	—	—	—	—	—	—	—
	12 Leather and leather products.....	1	2	442	5	66	366	—	5	—
	18 Automobiles and automobile equipment.....	1	—	—	—	—	—	—	—	—

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

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

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

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

WEST VIRGINIA

1077

ING INDUSTRIAL AREA, BY INDUSTRIES: 1939

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

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture *				
Total †	Salaries of officers of corporations ‡	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work						
		Salaries †	Wages														
\$60,148,909	\$1,724,124	\$6,500,379	\$57,784,542	\$1,775,445	\$1,183,051	\$121,428	\$183,230,586	\$167,978,192	\$12,128,442	\$2,509,387	\$614,565	\$291,617,809	\$108,387,223	1			
1,266,870	188,541	1,051,381	1,051,381	63,624	16,948	17,529	21,846,085	17,781,889	4,040,369	23,827	23,420,192	1,574,107	2				
991,635	29,061	90,671	790,250	63,624	16,948	17,529	1,644,866	1,572,744	41,268	30,854	3,532,662	1,887,796	3				
176,692	25,600	17,333	133,859	63,624	16,948	17,529	92,131	36,132	47,069	8,930	321,060	228,929	4				
4,440	(5)	(5)	4,440	63,624	16,948	17,529	18,071	17,525	240	306	28,784	10,713	5				
(5)	(5)	(5)	(5)	63,624	16,948	17,529	(5)	(5)	(5)	(5)	(5)	(5)	6				
1,058,129	37,912	94,322	910,535	15,360			532,567	160,880	322,476	49,211	2,332,486	1,799,919	7				
9,694			9,094				25,012	24,449		564	50,551	25,539	8				
40,502	5,600	7,223	27,679				103,627	102,208		834	164,464	60,837	9				
13,308		2,026	6,482	3,900			79,131	76,187		2,015	102,464	28,333	10				
21,393		6,040	15,353				155,750	150,588	2,723	2,439	195,415	39,665	11				
355,611	22,437	67,388	255,672	10,114			298,794	278,229	4,134	9,867	6,564	954,591	655,797	12			
467,451	59,700	58,401	339,290				360,499	278,816	63,155	18,528		1,044,665	684,196	13			
763,780	57,160	55,448	597,304	37,631	3,461	2,776	359,426	277,916	67,857	13,653		1,303,711	944,285	14			
210,708	28,152	29,239	74,546	73,231		5,540	480,610	454,934	4,749	20,927		857,866	377,256	15			
138,292	33,162	12,281	46,362	46,487			52,023	13,132	15,664	23,227		284,097	232,074	16			
48,115	4,751	41,096	2,268				27,810	23,679	797	3,334		114,797	86,987	17			
292,571	45,250	48,222	119,021	70,603	9,475		346,616	317,880	17,968	10,768		966,917	620,301	18			
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	19			
802,309	27,440	216,545	434,908	123,407			335,804	307,699	15,025	12,921	150	1,862,367	1,526,563	20			
184,235	21,679	14,241	52,991	90,066		5,228	330,990	321,151	2,966	6,873		764,043	433,053	21			
112,179	19,755	13,313	71,073	7,138		900	182,477	170,538	6,100	5,839		408,470	225,993	22			
807,817	29,450	119,192	644,177	8,500	6,528		1,724,782	1,533,512	133,357	57,913		3,087,572	1,362,790	23			
135,446	19,800	14,191	94,255	7,190			249,807	239,573	2,602	3,075	4,557	484,677	234,870	24			
60,843	2,634	8,400	31,500	18,243			160,262	156,717	707	2,838		272,690	111,828	25			
353,170	28,584	33,356	293,255	27,975			242,896	195,715	30,157	14,351	2,673	645,884	402,988	26			
1,527,163	104,400	93,845	1,303,844	22,400	1,227	1,447	541,805	396,811	99,749	45,245		2,811,323	2,269,518	27			
10,854			10,854				45,319	34,356	1,663		9,300	93,535	48,216	28			
571,631	9,265	51,117	492,313	18,936			237,116	91,167	131,572	11,377	3,000	1,045,604	808,488	29			
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	30			
30,646,908	2,295,157	27,415,348	936,403	936,403			92,038,974	85,467,314	5,340,384	1,222,276		141,375,943	49,336,969	31			
667,000	31,697	61,442	491,637	56,470	9,054	15,800	354,769	191,159	135,724	18,771	9,115	1,278,433	923,664	32			
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	33			
179,170	12,739	44,060	116,086	5,735			295,630	270,078	18,922	6,630		684,730	389,100	34			
328,750	43,855	36,730	233,680	14,485			534,303	527,977	3,112	3,214		1,111,611	576,708	35			
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	36			
7,330,611	150,402	760,216	5,955,030	218,399	175,404	71,100	3,873,605	3,256,796	388,567	132,157	96,085	12,514,781	8,641,176	37			
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	38			
10,601,701	877,800	2,115,168	15,760,601	833,353	23,591	1,108	55,650,029	53,250,450	1,178,285	747,182	483,112	87,502,594	31,843,565	39			
475,007	23,303	53,574	272,033	120,982	5,115		4,308,858	4,236,603	45,248	27,007		5,253,328	944,470	40			
183,203		16,594	161,067	1,850	3,692		292,165	286,076	1,674	4,415		715,730	423,565	41			
403,869	32,740	21,761	306,141	43,227			804,397	787,448	1,788	15,161		1,887,909	1,083,512	42			
168,792	35,730	28,414	65,989	38,659			202,149	147,115	1,770	3,825	49,439	510,782	308,633	43			
535,045	15,772	97,071	359,153	55,976	7,073		2,960,791	2,756,356	121,360	50,644	32,431	5,243,030	2,282,239	44			
770,770	42,250	61,216	639,008	27,785	511		513,482	385,003	51,946	46,533		1,791,197	1,277,715	45			
10,324,125	308,419	964,534	8,909,309	141,863			27,440,800	26,646,894	379,521	387,839	26,546	41,806,911	14,366,111	46			
906,317	40,620	71,789	768,942	24,966			1,726,841	1,664,060	49,863	12,888		3,301,698	1,574,857	47			
2,677,669	148,496	355,212	1,823,423	260,470		88	3,949,093	3,793,508	71,778	79,806	4,001	7,463,975	3,514,882	48			
12,496			10,725	1,771			35,804	33,416	1,695	193		77,309	42,005	49			
3,244,408	230,560	444,993	2,434,811	125,804	7,200	1,040	13,425,149	12,513,941	421,642	118,871	370,695	19,450,725	6,025,576	50			

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

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

‡ For numbers of establishments and of wage earners in individual industries, see table 11.

CENSUS OF MANUFACTURES: 1939

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.....	1,130	333	7	14	16	201	39	16	147	42	18	1	11	144	54	16	10	40	2	2	17
Barbour.....	11	2		1		5			2	1											
Berkeley.....	28	8		4	1		2	1	3		1			7				1			
Boone.....	3	1				1			1												
Braxton.....	5	1			1				2												
Brooke.....	26	5					1	3	3	1	2			4	5	1		1			
Cabell.....	100	28			4	9	11	1	7	5			1	12	9	1	4	2	1	1	4
Clay.....	5					4			1												
Fayette.....	20	4				6			5	1	3							1			
Gilmer.....	1	1																			
Grant.....	8	4				2			1				1								
Greenbrier.....	19	7				7			3		1			1							
Hampshire.....	9	3				2	2		1					1							
Hancock.....	41	9				1			5	1	1			15	9						
Hardy.....	32	2				27			1				1	1							
Harrison.....	51	18				4	3	1	6					11	1	3	1	1			2
Jackson.....	9	2				1			4					2							
Jefferson.....	20	5			1		1	1	2	1			1	7		1					
Kanawha.....	95	28				8	1		17	15	3	1		8	4	1	1	4			3
Lewis.....	14	3				2		1	2					6							
Logan.....	20	8				5			2					2				3			
Marion.....	30	11				2		1	2	1	1			5		1	1	4			1
Marshall.....	33	11	1		2		1		3		1		1	4		2	1	1			2
Mason.....	10	1			1				2	2				1	1			1		1	
McDowell.....	23	7				11			4		1										
Mercer.....	31	13		1	1	3			6	1				1	1		1	2			1
Mineral.....	11	3		2		2			3					1							
Mingo.....	10	5				1	1		2												
Monongalia.....	44	14			1	5			5		1			16				2	1		
Monroe.....	4	2				1			1												
Morgan.....	23	19		1		1			1				1								
Nicholas.....	13	3				6	1	1	2												
Ohio.....	106	38	6	1	2	3	6	3	12	6			1	6	11	5		6			
Pendleton.....	10	1				9															
Pleasants.....	5								2		1			1							1
Pocahontas.....	10	1				7			1				1								
Preston.....	23	2		1		13	1		1		1			3				1			
Putnam.....	6			1						2				2							
Raleigh.....	34	9				16			4					3				1			1
Randolph.....	18	7				8							1								1
Ritchie.....	10	2				2			2	1				3							
Roane.....	7	4							3												
Summers.....	7	2				3			2												
Taylor.....	7	1				1			2					3							
Tucker.....	6	2		1		1	1						1								
Tyler.....	6	1							2					1	1			1			
Upshur.....	13	7			1	2			2					1							
Wayne.....	17	3				5	2		2					4	1						
Webster.....	2					1			1												
Wetzel.....	21	4				6	2		2	2				4	1						
Wood.....	63	19		1	1	3	2	2	6	2			1	8	7	1	1	8			1
Wyoming.....	10	2				5			2		1										

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR THE WHEELING INDUSTRIAL AREA: 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 WEST VIRGINIA				STATE OF WEST VIRGINIA—Continued			
1	Canned and dried fruits and vegetables (including canned soups).....	17	287	14	Hardware not elsewhere classified.....	1	
	Cheese.....	1			Malleable-iron castings.....	1	
	Creamery butter.....	8	20		Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.....	1	
	Food preparations, not elsewhere classified.....	2			Steel barrels, kegs, and drums.....	1	
	Malt liquors.....	2			Steel castings.....	2	
	Preserves, jams, jellies, and fruit butters.....	1			Tin cans and other tinware not elsewhere classified.....	4	947
	Vinegar and cider.....	1			Tools (except edge tools, machine tools, files, and saws).....	3	
2	Cigars.....	6			Vitreous enameled products, including kitchen, household, and hospital utensils.....	2	
	Tobacco (chewing and smoking) and snuff.....	1		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	1	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1			Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	1	
	Hosiery—full-fashioned.....	1			Collapsible tubes.....	1	
	Hosiery—seamless.....	3	1,771		Nonferrous-metal products not elsewhere classified.....	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.....	1			Primary smelting and refining of nonferrous metals.....	2	
4	Canvas products (except bags).....	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	
	House dresses, uniforms, and aprons—made in contract factories.....	4	525	16	Batteries, storage and primary (dry and wet).....	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	1			Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1	
	Housefurnishings (except curtains, draperies, and bedspreads).....	1			Electrical products not elsewhere classified.....	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.....	1			Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	1			Wiring devices and supplies.....	4	247
	Trousers (semidress), wash suits, and washable service apparel.....	2		17	Cars and trucks, industrial.....	1	
6	Cigar boxes: wooden, part wooden.....	1			Oil-field machinery and tools.....	7	297
	Household furniture, except upholstered.....	2			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	1	
	Matches.....	1			Special-industry machinery, not elsewhere classified.....	2	
	Mattresses and bedsprings.....	4	49		Tractors.....	2	
	Office furniture.....	1		18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	2	
	Upholstered household furniture.....	2		19	Cars and car equipment—railroad, street, and rapid-transit.....	1	
	Venetian blinds.....	1			Shipbuilding and ship repairing.....	1	
	Wood preserving.....	2		20	Brooms.....	2	
7	Die-cut paper and paperboard, and converted cardboard.....	1			Pencils (except mechanical) and crayons.....	1	
8	Engraving (steel, copperplate, and wood); plate printing.....	1			Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	3	12
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	3	63	WHEELING INDUSTRIAL AREA			
	Periodicals: publishing and printing.....	1		1	Biscuit, crackers, and pretzels.....	1	
	Periodicals: publishing without printing.....	1			Condensed and evaporated milk.....	4	
	Photoengraving, not done in printing establishments (including preparation of plates).....	2			Meat packing, wholesale.....	6	217
9	Coal-tar products, crude and intermediate.....	2			Prepared feeds (including mineral) for animals and fowls.....	4	
	Colors and pigments.....	2			Sausages, prepared meats, and other meat products— not made in meat-packing establishments.....	2	
	Explosives.....	2		2	Cigars.....	8	
	Fertilizers.....	1			Tobacco (chewing and smoking) and snuff.....	1	
	Grease and tallow (except lubricating greases).....	1		3	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	1	
	Insecticides, fungicides, and related industrial and household chemical compounds.....	1		4	Canvas products (except bags).....	1	
	Rayon and allied products.....	2			Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.....	1	
10	Beehive coke.....	4			Miscellaneous fabricated textile products not elsewhere classified.....	1	
	Fuel briquets.....	2			Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	1	
11	Rubber products not elsewhere classified.....	1			Work gloves and mittens: cloth, cloth and leather combined.....	1	
12	Footwear (except rubber).....	2		6	Caskets, coffins, burial cases, and other morticians' goods.....	1	
13	Cement.....	3	251		Cigar boxes: wooden, part wooden.....	1	
	China firing and decorating (for the trade).....	1			Matches.....	1	
	Clay products (except pottery) not elsewhere classified.....	2			Mattresses and bedsprings.....	1	
	Clay refractories, including refractory cement (clay).....	4	310		Wooden boxes except cigar boxes.....	3	48
	Floor and wall tile (except quarry tile).....	2		7	Die-cut paper and paperboard, and converted cardboard.....	1	
	Glass containers.....	6	2,300		Envelopes.....	1	
	Minerals and earths, ground or otherwise treated.....	3	60		Wallpaper.....	1	
	Mineral wool.....	1		8	Bookbinding and related industries.....	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	2			Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	2	
	Porcelain electrical supplies.....	4			Newspapers: publishing without printing.....	1	
	Pottery products not elsewhere classified.....	6	331		Periodicals: publishing and printing.....	1	
	Statuary and art goods (except stone and concrete)—factory production.....	1					
	Vitreous-china plumbing fixtures.....	2					
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1					
14	Blast-furnace products.....	2					
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	1					
	Enameling, japanning, and lacquering.....	1					
	Gray-iron and semisteel castings.....	6					

See footnote at end of table.

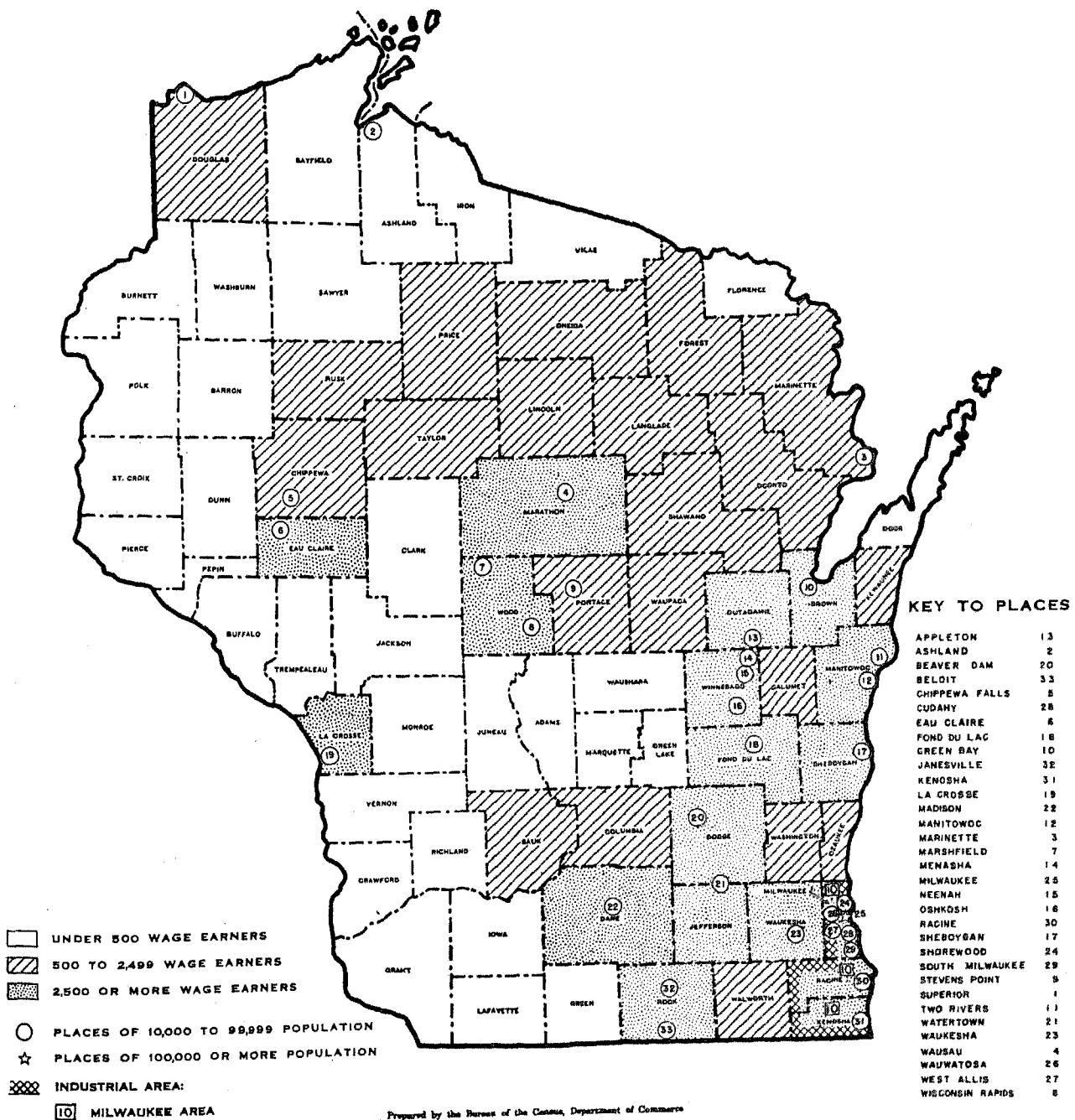
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR THE WHEELING INDUSTRIAL AREA: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
WHEELING INDUSTRIAL AREA—Continued				WHEELING INDUSTRIAL AREA—Continued			
9	Chemicals not elsewhere classified	3	45	14	Steel barrels, kegs, and drums	1	
	Coal-tar products, crude and intermediate	1			Steel castings	1	
	Colors and pigments	1			Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2			Tin cans and other tinware not elsewhere classified	4	947
	Drugs and medicines (including drug grinding)	3			Vitreous enameled products, including kitchen, household, and hospital utensils	4	1,193
	Grease and tallow (except lubricating greases)	1					
	Paints, varnishes, and lacquers	1		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
10	Oven coke and coke-oven byproducts	2			Collapsible tubes	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2			Lighting fixtures	1	
11	Tires and inner tubes	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
12	Saddlery, harness, and whips	1			Sheet-metal work not specifically classified	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1		16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	China firing and decorating (for the trade)	1			Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Clay products (except pottery) not elsewhere classified	2			Wiring devices and supplies	1	
	Floor and wall tile (except quarry tile)	2			X-ray and therapeutic apparatus and electronic tubes	1	
	Minerals and earths, ground or otherwise treated	5		17	Agricultural machinery (except tractors)	1	
	Mirrors and other glass products made of purchased glass	2			Cars and trucks, industrial	1	
	Vitreous-china plumbing fixtures	1			Industrial machinery, not elsewhere classified	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1			Machine-shop products, not elsewhere classified	4	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1			Metalworking machinery and equipment, not elsewhere classified	2	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1			Pumping equipment and air compressors	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4			Special-industry machinery, not elsewhere classified	5	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1			Woodworking machinery	1	
	Power boilers and associated products	2		18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
	Stamped and pressed metal products (except automobile stampings)	5		20	Artists' materials	1	
					Brooms	1	
					Brushes	1	
					Hand stamps, stencils, and brands	1	

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

WISCONSIN

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

WISCONSIN

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	6,717	4,360	233,691	\$328,639,375	\$917,902,030	\$1,604,507,356	\$686,605,326
1937	6,318	3,356	272,681	378,872,528	1,082,486,184	1,772,310,417	709,824,233
1929	7,323	3,741	296,687	447,190,546	1,186,185,260	2,108,458,698	922,273,438

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 THE MILWAUKEE INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) ¹	Wages ²	Cost of materials, supplies, fuel, purchased electric energy, and contract work ^{2,3}	Value of products ^{2,4}	Value added by manufacture ⁴
The State	3,137,587	8,717	200,897	\$251,046,993	\$917,902,030	\$1,604,507,356	\$686,605,326
Milwaukee Industrial Area ⁵	924,437	1,936	98,415	137,897,194	392,224,026	753,680,088	361,456,062
COUNTIES ⁶							
Adams	8,449	8	19	12,504	159,754	198,510	38,756
Ashland	21,801	33	393	428,236	1,665,657	2,802,001	1,236,444
Barron	34,289	60	424	339,886	3,766,672	5,020,315	1,262,743
Bayfield	15,827	25	360	448,813	1,362,382	3,114,540	1,752,164
Brown	83,109	178	5,037	5,992,176	40,604,437	58,809,307	18,204,870
Buffalo	16,090	22	124	93,197	1,210,873	1,466,286	255,413
Burnett	11,382	11	145	121,040	663,730	770,473	208,734
Calumet	17,618	68	754	665,281	4,188,693	6,279,114	2,090,421
Chippewa	40,703	77	1,201	1,124,596	8,323,129	11,335,617	3,012,488
Clark	33,972	118	373	313,757	6,102,922	7,430,033	1,333,111
Columbia	32,517	70	1,067	868,643	4,086,842	6,256,774	2,169,932
Crawford	18,328	47	374	379,484	1,943,105	2,783,599	840,494
Dane	130,660	250	4,082	5,476,773	28,197,197	47,077,605	18,940,368
Dodge	54,280	207	3,347	3,064,835	12,311,071	21,518,049	9,206,078
Door	19,095	37	253	205,791	2,613,693	3,550,381	936,688
Douglas	47,119	36	624	661,012	3,021,321	5,086,194	2,064,873
Dunn	27,375	33	230	223,278	3,337,791	4,003,212	665,451
Eau Claire	46,999	68	3,563	4,804,311	29,734,772	35,959,853	12,228,031
Florence	4,177	3	26	9,806	26,601	48,963	22,272
Fond du Lac	62,353	137	3,650	3,646,990	13,865,707	23,679,636	9,813,929
Forest	11,805	15	795	724,577	581,255	2,008,291	1,427,036
Grant	40,639	100	288	256,587	3,181,250	4,009,766	828,516
Green	23,146	134	385	454,650	4,569,028	6,000,882	1,437,854
Green Lake	14,092	32	390	321,808	2,036,860	3,204,674	1,167,814
Iowa	20,595	111	165	139,980	1,989,388	2,417,893	428,505
Iron	10,049	7	21	17,987	227,410	308,711	81,301
Jackson	10,599	25	120	101,322	932,642	1,181,109	248,467
Jefferson	38,868	100	3,073	3,197,297	14,133,943	24,258,041	10,124,098
Juneau	18,708	23	99	96,003	1,172,366	1,515,104	342,738
Kenosha	63,505	73	8,636	12,377,300	53,300,168	84,625,723	31,325,555
Kewaunee	16,680	72	867	751,585	3,200,924	4,958,498	1,748,574
La Crosse	59,653	97	4,040	4,525,447	11,674,115	24,883,730	13,209,615
Lafayette	18,695	87	111	124,375	1,798,197	2,054,352	256,155
Langlade	23,227	39	1,128	892,183	1,979,273	3,794,126	1,814,853
Lincoln	22,536	52	1,176	1,025,779	4,905,070	7,070,268	2,770,298
Manitowoc	61,617	186	5,288	6,276,361	24,800,383	45,439,172	20,638,789
Marathon	75,915	190	4,738	5,296,174	20,545,612	33,489,122	12,943,510
Marquette	36,225	50	2,127	2,386,858	8,868,836	16,902,917	8,034,081
Marquette	9,097	14	58	60,967	377,672	568,823	191,161
Milwaukee	766,885	1,657	80,255	112,059,610	306,853,629	596,556,119	289,702,490
Monroe	30,080	24	100	112,063	2,395,256	2,836,372	441,116
Oconto	27,075	89	944	726,332	3,553,216	5,369,490	1,816,274
Oneida	18,938	28	1,181	1,317,249	4,000,749	7,724,849	3,724,100
Outagamie	70,032	170	5,261	6,348,779	21,943,109	38,860,085	16,916,076
Ozaukee	18,985	64	1,429	1,320,273	3,862,185	7,149,268	3,287,083
Pepin	7,897	8	85	82,442	1,210,291	1,440,697	221,406
Pierce	21,471	25	159	119,955	1,969,003	2,304,095	335,092
Polk	20,197	59	292	237,010	2,807,284	3,598,743	791,459
Portage	35,900	57	1,230	1,255,554	5,463,386	8,998,047	3,534,561
Price	18,467	34	652	641,693	2,835,586	4,790,543	1,954,957

See footnotes at end of table.

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

	Population, 1940	Number of establish- ments	Wage earn- ers (average for year) ¹	Wages ¹	Cost of materials, supplies, fuel, purchased elec- tric energy, and contract work ^{2,3}	Value of products ^{1,4}	Value added by manu- facture ⁵
COUNTIES ⁶ —continued							
Racine.....	94,047	206	9,523	\$13,460,275	\$32,070,229	\$72,498,246	\$40,428,017
Richland.....	20,381	69	167	168,894	2,646,686	3,129,423	482,737
Rock.....	80,173	94	8,140	11,396,841	59,039,060	92,885,775	33,846,715
Rusk.....	17,737	24	539	444,070	2,576,152	3,614,902	1,038,750
St. Croix.....	24,842	32	229	213,352	3,697,479	4,745,876	1,048,397
Sauk.....	33,700	62	541	532,947	3,237,934	4,399,980	1,162,055
Sawyer.....	11,540	23	273	173,529	343,995	713,139	369,144
Shawano.....	35,378	110	752	633,235	4,918,735	6,481,997	1,563,262
Sheboygan.....	76,221	234	9,065	9,871,820	31,012,347	58,013,933	27,001,586
Taylor.....	20,105	32	715	598,467	2,173,070	3,424,725	1,251,655
Trempealeau.....	24,381	29	140	117,205	2,244,292	2,744,681	500,349
Vernon.....	29,940	49	118	129,641	2,628,138	3,080,122	451,984
Vilas.....	5,894	8	149	120,628	295,583	493,700	257,117
Walworth.....	33,103	51	808	726,852	2,437,023	4,145,413	1,708,396
Washburn.....	12,496	15	115	97,999	1,045,067	822,301	217,134
Washington.....	28,430	72	2,086	2,051,539	9,256,129	15,765,292	6,509,172
Waukesha.....	62,744	100	3,267	3,963,290	12,589,047	24,846,895	12,257,849
Waupaca.....	34,614	84	919	909,433	6,159,522	8,540,309	2,380,787
Waushara.....	14,268	16	96	79,858	1,031,090	1,237,661	206,571
Winnebago.....	80,507	203	8,424	9,998,190	39,076,204	63,416,169	24,339,965
Wood.....	44,465	85	3,613	4,271,751	21,813,023	33,369,963	11,556,940
PLACES HAVING 10,000 OR MORE INHABITANTS							
Appleton.....	28,436	68	2,832	3,326,029	8,396,250	16,998,746	8,602,496
Ashland.....	11,101	16	279	358,525	1,044,208	2,148,467	1,104,250
Beaver Dam.....	10,356	19	1,501	1,514,371	4,559,151	8,884,470	4,325,319
Beloit.....	25,365	37	4,547	6,205,042	9,978,778	24,532,289	14,533,511
Chippewa Falls.....	10,368	25	556	542,737	1,740,880	3,052,071	1,311,191
Cudahy.....	10,561	18	3,158	4,811,262	26,746,861	39,324,502	12,577,641
Eau Claire.....	30,745	56	3,495	4,758,541	23,047,373	35,066,587	12,019,214
Fond du Lac.....	27,209	60	2,233	2,318,691	7,380,260	13,758,782	6,378,422
Green Bay.....	46,235	84	3,429	4,156,343	16,937,309	29,085,537	12,148,228
Janesville ⁷	22,992	34	2,815	.....	.....	.....	.....
Kenosha ⁷	48,765	68	8,572	.....	.....	.....	.....
La Crosse.....	42,707	78	3,882	4,437,628	10,587,775	23,511,197	12,923,422
Madison.....	67,447	117	3,366	4,761,134	22,408,012	38,923,041	15,415,029
Manitowoc.....	24,404	63	2,959	3,748,796	16,901,461	30,504,390	13,602,989
Marinette.....	14,183	23	900	955,664	3,357,925	6,034,848	2,076,923
Marshfield.....	10,359	27	991	805,732	3,301,871	5,937,606	2,635,795
Menasha.....	10,451	34	3,047	4,140,922	20,455,279	30,720,712	10,265,433
Milwaukee.....	587,472	1,489	61,072	94,422,173	239,238,347	467,444,671	217,206,324
Neenah.....	10,645	35	1,076	1,354,630	4,268,079	7,653,317	3,340,238
Oshkosh.....	39,089	94	4,165	4,378,332	12,157,306	22,408,122	10,259,816
Racine.....	67,195	171	7,846	11,573,035	25,682,869	61,256,539	35,573,670
Sheboygan.....	40,638	101	5,047	5,111,921	13,894,795	26,629,099	12,734,304
Shorewood.....	15,194	5	25	23,355	43,744	113,108	69,454
South Milwaukee.....	11,134	21	1,819	2,588,067	6,074,998	13,907,107	7,832,109
Stevens Point.....	15,777	32	812	765,188	2,698,894	4,791,103	2,092,209
Superior ⁷	35,136	33	417	.....	.....	.....	.....
Two Rivers.....	10,302	20	1,927	2,175,654	4,612,351	10,639,747	6,027,396
Watertown.....	11,301	31	1,024	970,185	3,405,788	5,869,474	2,463,686
Waukesha.....	19,242	55	2,728	3,361,844	8,262,200	18,839,822	10,577,622
Wausau.....	27,268	62	3,065	3,266,503	8,367,249	16,625,704	8,258,455
Wauwatosa.....	27,769	20	370	433,668	965,516	2,098,411	1,102,895
West Allis.....	36,364	57	9,424	14,646,312	33,437,941	68,603,446	35,165,505
Wisconsin Rapids ⁷	11,416	16	1,388	.....	.....	.....	.....

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 Milwaukee Industrial Area comprises Kenosha, Milwaukee, and Racine Counties. For statistics by industries for the area, see table 9.

⁷ 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	273, 543	296, 903	Salaried officers and employees—Continued. All other employees, etc.—Continued.		
Male.....	220, 156	245, 716	Engaged in manufacturing:		
Female.....	53, 387	51, 187	Male.....	21, 015	
Salaried officers and employees, total.....	53, 728	42, 873	Female.....	7, 271	
Male.....	40, 742	31, 457	Engaged in distribution:		
Female.....	12, 986	11, 416	Male.....	13, 142	
Salaried officers of corporations, total.....	4, 508	5, 617	Female.....	5, 202	(³)
Male.....	4, 226	5, 362	Engaged in construction:		
Female.....	282	255	Male.....	1, 739	
All other employees (except wage earners in manu- facturing), total.....	49, 220	37, 256	Engaged in other work:		
Male.....	36, 516	26, 095	Male.....	620	
Female.....	12, 704	11, 161	Female.....	231	
			Wage earners engaged in manufacturing, total.....	219, 815	254, 030
			Male.....	179, 414	214, 259
			Female.....	40, 401	39, 771

¹ See headnote.

² Figures do not include data for 4,360 proprietors and firm members for 1939 and 3,741 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.....	200, 897	184, 435	188, 334	191, 708	191, 862	193, 649	200, 291	207, 160	205, 202	210, 560	213, 722	212, 043	211, 799
1937.....	234, 067	220, 379	225, 500	234, 564	236, 598	236, 481	241, 437	259, 481	242, 240	243, 146	234, 815	222, 857	211, 271
1929.....	253, 704	244, 986	251, 701	254, 131	254, 930	256, 144	255, 758	280, 762	259, 906	257, 554	259, 163	245, 240	236, 251

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.....	6, 717	7, 323	200, 897	253, 794	\$1, 604, 507, 356	\$686, 605, 326
No wage earners.....	652	654			11, 747, 733	2, 271, 140
1 to 5.....	3, 581	3, 909	7, 539	7, 850	107, 442, 358	27, 375, 321
6 to 20.....	1, 208	1, 240	13, 109	13, 704	113, 658, 527	45, 761, 348
21 to 50.....	588	693	18, 813	22, 359	146, 052, 952	65, 002, 226
51 to 100.....	278	328	19, 528	23, 501	131, 792, 205	57, 197, 351
101 to 250.....	243	297	38, 507	47, 655	284, 887, 015	131, 971, 611
251 to 500.....	105	122	37, 540	42, 862	270, 524, 059	129, 752, 226
501 to 1,000.....	45	43	30, 417	29, 159	270, 636, 667	110, 125, 815
1,001 to 2,500.....	12	30	18, 050	40, 179	135, 316, 524	63, 049, 112
2,501 or more.....	5	7	17, 394	26, 525	132, 449, 226	54, 109, 176

¹ See headnotes to tables 3 and 4.

² See GENERAL EXPLANATIONS—Value added by manufacture.

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

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments.....	6,717	7,323	200,897	253,794	\$1,604,507,356	\$2,108,458,698	\$986,605,326	\$922,273,438
\$5,000 to \$19,999.....	2,394	2,204	4,775	4,076	28,585,712	26,552,310	11,308,562	12,307,501
\$20,000 to \$49,999.....	1,866	2,196	6,721	6,663	58,472,878	70,647,728	18,264,580	23,388,323
\$50,000 to \$99,999.....	887	850	9,336	8,622	62,558,439	66,210,404	25,345,170	27,521,212
\$100,000 to \$249,999.....	681	880	16,740	21,258	110,401,806	142,133,606	49,137,642	64,037,784
\$250,000 to \$499,999.....	372	441	20,028	23,995	132,301,517	150,956,545	60,338,265	76,173,043
\$500,000 to \$999,999.....	227	293	24,267	31,525	155,766,449	205,991,965	69,389,024	96,194,587
\$1,000,000 to \$2,499,999.....	175	217	28,896	48,262	272,793,015	339,380,367	124,842,110	155,220,146
\$2,500,000 to \$4,999,999.....	70	70	29,883	28,785	245,570,781	238,348,750	116,255,208	112,474,235
\$5,000,000 and over.....	45	63	50,251	80,608	537,756,759	862,237,023	211,724,765	354,956,807

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

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

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) ¹		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE ²	
	1939	1929	1939	1929	1939	1929	1939	1929
Total.....	6,717	7,323	200,897	253,794	\$1,604,507,356	\$2,108,458,698	\$986,605,326	\$922,273,438
TYPE OF OPERATION								
1939 ³								
Corporate ownership or control:								
Central-administrative-office (plural-unit).....	752	(⁴)	104,451	(⁴)	963,428,845	(⁴)	390,598,418	(⁴)
Independent (single-unit).....	2,287	(⁴)	84,377	(⁴)	512,950,031	(⁴)	263,461,812	(⁴)
Noncorporate ownership:								
Central-administrative-office (plural-unit).....	190	(⁴)	1,030	(⁴)	10,123,652	(⁴)	2,389,201	(⁴)
Independent (single-unit).....	3,488	(⁴)	11,039	(⁴)	118,063,828	(⁴)	30,155,995	(⁴)
1939 AND 1929 ³								
Central-administrative-office (plural-unit), corporate and noncorporate.....	942	744	105,481	98,661	973,553,497	1,008,800,500	392,987,619	405,949,546
Independent (single-unit), corporate and noncorporate.....	5,775	6,579	95,416	155,133	630,953,859	1,099,658,198	293,617,707	516,323,892
TYPE OF OWNERSHIP OR CONTROL								
Corporate.....	3,039	3,597	188,828	239,134	1,476,379,876	1,981,141,843	654,060,230	878,607,392
Noncorporate, total.....	3,678	3,726	12,069	14,660	128,127,480	127,316,855	32,545,096	43,666,046
Individual.....	2,499	(⁴)	6,887	(⁴)	66,407,670	(⁴)	18,801,313	(⁴)
Partnership.....	579	(⁴)	3,610	(⁴)	22,015,610	(⁴)	8,815,735	(⁴)
Cooperative.....	585	(⁴)	1,438	(⁴)	38,515,344	(⁴)	4,269,899	(⁴)
Other.....	15	(⁴)	134	(⁴)	1,188,856	(⁴)	658,149	(⁴)

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

TABLE 8.—GENERAL STATISTICS FOR

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

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS ¹						
				Total ²	Salaried officers of corporations ³	Manufacturing		Distribution	Construction	Other
						Salaried employees ⁴	Wage earners (average for year) ⁵			
1	All industries, total.....	6,717	4,360	254,625	4,508	28,286	200,897	18,344	1,739	851
2 17	Agricultural machinery (except tractors).....	30	4	2,815	45	452	2,218	97	1	2
3 15	Alloying and rolling and drawing of nonferrous metals, except aluminum.....	3	—	1,304	2	148	1,045	17	92	—
4 15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	6	2	235	11	19	200	4	1	—
5 15	Aluminum ware, kitchen, hospital, and household (except electrical appliances).....	11	—	4,106	21	471	3,250	362	2	—
6 14	Automobile stampings.....	5	—	239	9	27	200	3	—	—
7 16	Automotive electrical equipment.....	3	—	276	3	43	206	24	—	—
8 1	Baking powder, yeast, and other leavening compounds.....	4	—	169	5	19	140	1	—	4
9 16	Batteries, storage and primary (dry and wet).....	8	5	1,768	16	278	1,337	114	13	—
10 3	Batting, padding, and wadding; upholstery filling.....	7	3	150	11	20	106	13	—	—
11 1	Biscuit, crackers, and pretzels.....	6	1	808	6	102	678	116	3	3
12 19	Boat building and boat repairing.....	10	6	160	11	9	131	8	—	—
13 14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	3	—	319	6	52	236	17	3	5
14 8	Bookbinding and related industries.....	17	10	664	28	47	515	74	—	—
15 8	Books: printing without publishing.....	16	—	1,505	44	116	867	411	67	—
16 8	Books: publishing without printing.....	5	3	55	1	34	—	20	—	—
17 12	Boot and shoe cut stock and findings.....	5	—	271	7	17	243	4	—	—
18 1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	604	602	5,823	94	268	4,480	862	14	105
19 13	Brick and hollow structural tile.....	15	8	186	13	11	158	4	—	—
20 20	Brooms.....	6	6	40	1	2	37	—	—	—
21 20	Brushes.....	9	8	160	11	8	110	31	—	—
22 1	Candy and other confectionery products.....	33	20	1,093	22	68	809	162	8	24
23 1	Canned and dried fruits and vegetables (including canned soups).....	122	1	4,826	150	377	4,196	48	41	14
24 4	Can vas products (except bags).....	6	3	111	11	7	65	28	—	—
25 3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	3	—	401	7	41	314	31	8	—
26 19	Cars and car equipment—railroad, street, and rapid-transit.....	4	—	329	—	17	312	—	—	—
27 17	Cars and trucks, industrial.....	3	—	107	9	9	85	4	—	—
28 6	Caskets, coffins, burial cases, and other morticians' goods.....	18	7	440	26	45	304	62	3	—
29 1	Cheese.....	1,817	1,756	2,029	11	81	1,891	46	—	—
30 9	Chemicals not elsewhere classified.....	7	1	183	8	29	113	33	—	—
31 1	Chocolate and cocoa products.....	3	—	233	3	29	164	47	—	—
32 2	Cigars.....	29	29	187	10	5	166	6	—	—
33 13	Clay products (except pottery) not elsewhere classified.....	3	5	11	—	—	11	—	—	—
34 9	Cleaning and polishing preparations, blackings, and dressings.....	20	4	587	30	94	215	247	—	1
35 4	Clothing, leather and sheep-lined.....	6	1	734	17	78	573	63	3	—
36 7	Coated and glazed paper.....	6	—	429	9	39	344	36	1	—
37 9	Colors and pigments.....	3	—	32	5	6	17	4	—	—
38 16	Communication equipment.....	4	—	343	5	40	244	54	—	—
39 9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	10	—	112	4	15	64	29	—	—
40 13	Concrete products.....	76	63	618	37	52	467	65	7	—
41 1	Condensed and evaporated milk.....	92	14	2,614	23	303	2,086	131	28	43
42 17	Construction and similar machinery (except mining and oil-field machinery and tools).....	19	4	5,150	25	940	3,949	150	48	38
43 7	Converted paper products not elsewhere classified.....	15	—	1,583	21	102	1,291	163	4	2
44 6	Cooperage.....	10	2	304	12	14	270	8	—	—
45 1	Creamery butter.....	418	322	2,296	37	314	1,593	315	32	5
46 1	Cured fish.....	3	3	24	2	4	12	6	—	—
47 14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	9	1	312	16	47	232	15	2	—
48 7	Die-cut paper and paperboard, and converted cardboard.....	3	1	85	2	10	73	—	—	—
49 9	Drugs and medicines (including drug grinding).....	16	6	343	20	42	128	147	6	—
50 16	Electrical appliances.....	4	—	776	4	82	599	90	—	—
51 16	Electrical products not elsewhere classified.....	10	7	201	10	29	151	11	—	—
52 15	Electroplating, plating, and polishing.....	14	5	203	19	13	162	8	1	—
53 8	Electrotyping and stere									

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	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	
367,640,784	24,028,681	52,603,751	251,946,993	35,067,131	2,578,449	1,255,829	917,902,030	879,739,983	20,925,391	11,540,484	5,096,172	1,604,507,356	686,605,326	1
3,927,764	167,372	775,479	2,800,070	182,889	1,670	284	6,477,334	6,259,939	136,247	67,436	13,712	12,839,536	6,362,202	2
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	3
327,003	44,370	28,483	237,140	14,100	3,000	-----	413,325	392,676	8,871	11,778	-----	940,655	527,530	4
5,747,829	257,525	801,026	3,702,067	983,561	3,650	-----	7,164,159	6,839,321	147,246	172,578	5,014	17,563,854	10,419,695	5
412,157	63,910	45,497	293,583	9,167	-----	-----	540,699	506,836	4,205	13,727	15,871	1,215,277	674,578	6
277,071	24,623	64,900	142,220	45,328	-----	-----	406,883	396,489	3,743	6,651	-----	794,489	387,606	7
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	8
2,704,728	105,205	671,038	1,703,841	218,498	16,146	-----	4,550,775	4,423,320	44,784	82,671	-----	10,649,621	6,098,846	9
227,279	53,598	39,293	116,084	18,324	-----	-----	579,511	561,219	4,856	12,283	1,153	954,365	374,854	10
976,767	34,700	166,402	695,406	171,654	5,372	3,223	1,084,893	1,611,847	39,702	13,344	-----	3,689,858	2,024,965	11
211,676	49,416	16,346	136,897	9,017	-----	-----	254,112	247,572	2,716	3,788	36	569,569	315,457	12
514,460	48,754	102,448	329,996	23,054	3,456	6,752	873,409	818,308	9,159	15,807	30,135	1,946,137	1,072,728	13
846,969	106,094	56,421	553,768	139,086	-----	-----	786,944	769,914	5,955	14,663	6,382	1,970,659	1,183,715	14
2,811,230	419,681	302,727	1,275,795	649,553	163,464	-----	2,639,370	2,369,200	22,705	58,477	188,988	6,250,279	3,610,909	15
81,297	2,700	-----	-----	38,020	-----	-----	71,901	137	137	80	-----	63,119	159,916	16
332,998	24,931	39,713	255,169	13,185	-----	-----	795,627	778,183	4,703	12,080	661	1,261,662	466,035	17
7,215,241	367,729	431,258	5,404,989	888,259	11,304	111,722	12,013,018	11,308,728	450,478	244,817	-----	25,563,868	13,550,880	18
109,512	37,399	14,002	143,997	4,054	-----	-----	120,595	23,713	82,024	14,043	815	447,658	327,363	19
36,243	2,345	1,943	31,655	59,001	-----	-----	60,330	59,001	401	928	-----	139,642	79,312	20
204,967	39,621	14,009	100,996	44,341	-----	-----	186,298	180,181	1,696	3,671	-----	479,173	292,876	21
1,117,050	64,858	88,530	653,497	272,309	13,771	24,079	2,369,779	2,314,924	27,609	27,245	-----	4,313,489	1,943,710	22
3,186,431	379,864	465,788	2,208,630	70,411	34,014	27,424	11,089,553	10,785,719	208,450	92,384	-----	19,272,516	8,182,963	23
112,248	21,987	14,565	62,301	13,395	-----	-----	122,926	120,639	785	1,502	-----	295,031	172,105	24
(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	25
488,833	-----	53,697	435,136	-----	-----	-----	500,506	487,283	3,590	9,633	-----	997,474	496,968	26
(¹)	(¹)	(¹)	(¹)	(¹)	-----	-----	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	27
554,312	87,276	62,743	266,403	135,754	2,186	-----	887,735	858,286	18,528	10,9				

TABLE 8.—GENERAL STATISTICS FOR

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 corporations ²	Manufacturing		Distrib-ution	Construc-tion	Other
						Salaried employ-ees ²	Wage earners (average for year) ³			
1	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	7	1,480	16	148	1,308	17		
2	10	Fuel briquets.....	9	145	2	23	119	1		
3	4	Fur coats and other fur garments, accessories, and trimmings.....	12	149	11	8	112	18		
4	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	3	54	4	7	43			
5	20	Games and toys (except dolls and children's vehicles).....	7	235	7	18	203	5	2	
6	8	General commercial (job) printing.....	232	154	203	316	2,374	276		
7	10	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	30	5,032	45	1,211	4,271	323	12	70
8	14	Gray-iron and semisteel castings.....	38	2,194	73	160	1,941	10		1
9	9	Grease and tallow (except lubricating greases).....	14	139	15	13	107	3	1	
10	13	Gypsum products.....	3	36	4	10	16	6		
11	14	Hardware not elsewhere classified.....	16	580	20	46	493	18	3	
12	14	Heating and cooking apparatus, except electric, not elsewhere classified.....	5	207	9	20	147	22		
13	3	Hosiery—full-fashioned.....	5	5,568	17	286	4,908	333	23	1
14	3	Hosiery—seamless.....	6	1,000	13	68	682	35		2
15	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	9	1,389	18	97	1,186	87		1
16	4	Housefurnishings (except curtains, draperies, and bedspreads).....	4	110	1	9	96	4		
17	6	Household furniture, except upholstered.....	38	3,631	52	323	3,026	227	3	
18	1	Ice cream and lees.....	141	886	47	76	398	306	13	45
19	1	Ice, manufactured.....	23	318	21	20	113	162		2
20	12	Industrial leather belting and packing leather.....	4	21	5	2	8	6		
21	17	Industrial machinery, not elsewhere classified.....	23	653	44	104	467	31		7
22	9	Insecticides, fungicides, and related industrial and household chemical compounds.....	17	118	25	28	40	16		
23	17	Internal-combustion engines.....	14	6,790	39	950	5,172	570	57	2
24	15	Jewelry (precious metals).....	8	60	5	9	43	3		
25	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	13	1,023	18	122	810	68	2	3
26	3	Knitted underwear.....	4	1,194	12	51	961	148	22	
27	6	Laboratory, hospital, and other professional furniture.....	3	1,174	11	172	837	154		
28	12	Leather gloves and mittens.....	23	1,906	32	110	1,664	94	4	2
29	12	Leather: tanned, curried, and finished—contract factories.....	3	183	4	9	168	4		
30	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	18	4,756	37	390	4,280	42	7	
31	15	Lighting fixtures.....	12	354	19	40	267	27		1
32	13	Lime.....	11	194	7	16	169	2		
33	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	25	840	43	79	670	48		
34	5	Logging camps and logging contractors (not operating sawmills).....	22	756	7	25	724			
35	9	Lubricating oils and greases—not made in petroleum refineries.....	12	128	14	19	54	39	1	1
36	1	Macaroni, spaghetti, vermicelli, and noodles.....	4	106	6	12	84	4		
37	8	Machine and hand typesetting (including advertisement typesetting).....	8	65	10	7	46	2		
38	17	Machine-shop products, not elsewhere classified.....	69	2,428	79	290	1,859	199	1	
39	17	Machine-shop repairs.....	28	148	11	12	121	1		3
40	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	42	740	54	66	605	13		2
41	17	Machine tools.....	12	2,802	29	452	2,266	115		
42	14	Malleable-iron castings.....	9	1,478	17	136	1,308	9	2	6
43	1	Malt.....	21	931	23	110	695	37	43	14
44	1	Malt liquors.....	73	5,580	122	562	3,567	1,046	71	212
45	6	Mattresses and bedspreads.....	14	1,449	17	124	1,176	132		
46	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	3	187	4	12	158	13		
47	1	Meat packing, wholesale.....	27	4,703	36	596	3,456	525	89	1
48	17	Mechanical power-transmission equipment.....	8	771	19	160	573	11	18	
49	4	Men's and boys' hats and caps (except felt and straw).....	3	32	6		23	3		
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	5	173	4	3	161	4		1
51	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	9	548	5	22	495	25		1
52	17	Metalworking machinery and equipment, not elsewhere classified.....	7	223	9	33	108	11	2	
53	4	Millinery.....	4	286	11	14	247	13		1
54	13	Mirrors and other glass products made of purchased glass.....	10	74	19	6	47	2		
55	20	Miscellaneous fabricated products								

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 ¹	Salaries of officers of corporations ²	Manufacturing		Distribution	Construction	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		
2,518,925	149,762	404,778	1,910,493	53,892			4,238,246	3,867,791	254,950	105,682	9,823	8,248,230	4,009,974		
238,920	3,875	41,072	191,979	2,000			2,325,528	2,191,969	54,679	78,880		3,148,831	823,303		
208,003	52,374	8,767	111,677	35,285			326,081	315,212	969	4,277	5,623	594,391	268,310		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
198,520	37,365	10,880	135,506	7,100	1,669		193,889	182,587	4,251	6,522	529	491,143	297,254		
5,194,382	855,024	560,016	3,231,541	547,801			6,564,177	6,226,591	55,615	108,564	173,407	14,355,684	7,791,507		
10,052,007	471,829	2,425,649	6,132,043	920,750	15,022	85,814	8,084,230	7,763,518	167,869	134,541	18,282	24,093,132	16,008,902		
3,243,505	340,584	316,115	2,561,351	23,055		2,400	2,203,777	1,824,730	223,174	142,472	13,401	6,853,053	4,649,276		
200,520	46,500	18,609	127,433	6,807	1,171		650,640	598,333	31,686	21,221		971,898	321,258		
36,428	9,420	9,760	11,019	5,629			81,689	77,975	1,430	2,384		190,164	108,475		
813,414	119,190	91,360	562,441	37,000	3,423		1,071,565	1,018,436	19,486	25,370	8,273	2,599,340	1,527,775		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
800,300	74,583	99,648	644,448	39,749		1,872	1,035,181	1,000,872	15,574	17,361	1,374	2,169,412	1,134,231		
1,128,356	79,653	115,519	776,339	156,695		150	1,810,353	1,792,455	4,030	13,868		3,082,947	1,272,594		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
4,487,569	234,540	486,063	3,257,605	503,447	5,314		5,895,094	5,644,598	149,740	58,358	42,398	12,804,566	6,611,472		
1,365,801	213,675	109,394	499,578	453,160	22,676	67,318	4,497,814	4,253,580	99,080	145,154		7,588,879	3,091,065		
533,595	107,850	33,596	170,813	215,165	1,560	4,611	249,229	37,647	9,149	202,433		1,020,821	771,562		
44,314	17,269	3,786	13,280	9,979			93,155	91,955	422	778		152,528	59,373		
1,102,445	253,935	184,120	605,264	47,519		11,607	1,295,469	1,171,346	16,798	27,323	80,005	3,068,516	1,773,047		
168,748	50,798	32,478	49,959	35,513			373,449	363,110	6,845	3,494		637,499	264,050		
11,033,128	415,909	2,184,129	7,492,288	887,969	52,539	224	15,073,041	14,485,110	362,366	107,101	118,464	34,089,953	19,016,952		
78,305	8,403	11,166	54,788	3,388			58,228	53,474	1,042	1,194		168,292	110,064		
1,152,946	119,519	169,429	662,005	189,848	6,053	6,092	1,314,628	1,263,622	20,373	13,166	17,467	2,969,013	1,684,385		
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		
1,703,488	100,322	459,460	915,206	231,500			2,021,185	1,904,222	41,030	15,438	60,495	4,063,793	2,642,608		
1,809,181	146,523	138,315	1,382,256	136,460	4,070	1,567	2,173,377	2,133,569	10,911	15,207	15,690	4,833,696	2,658,319		
210,865	17,615	16,901	109,075	7,274			166,327	141,379	15,964	8,984		475,746	309,419		
6,901,081	344,068	912,205	5,490,225	144,933	9,650		21,806,859	21,323,947	371,952	170,960		33,304,227	11,437,368		
424,621	72,240	58,578	208,559	84,767		477	564,450	532,397	4,734	11,443	15,876	1,286,960	722,510		
189,723	21,128	21,7													

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	Office furniture.....	4	238	8	15	197	18		
2	14	Oil burners, domestic and industrial.....	3	32	3	5	16	7		1
3	20	Organs.....	5	48	8	2	34	4		
4	9	Paints, varnishes, and lacquers.....	21	1,036	27	188	576	241		4
5	7	Paper and paperboard mills.....	44	13,663	75	1,425	11,081	587	480	35
6	7	Paperboard containers and boxes not elsewhere classified.....	30	2,106	39	214	1,700	78	75	
7	17	Paper-mill, pulp-mill, and paper-products machinery.....	12	1,121	30	249	820	22		
8	6	Partitions, shelving, cabinet work, and office and store fixtures.....	14	279	17	30	209	23		
9	9	Perfumes, cosmetics, and other toilet preparations.....	5	88	6	13	60	6	3	
10	8	Periodicals: publishing and printing.....	20	473	16	84	252	121		
11	8	Periodicals: publishing without printing.....	28	158	29	113	1	15		
12	8	Photoengraving, not done in printing establishments (including preparation of plates).....	21	325	39	45	203	38		
13	20	Photographic apparatus and materials and projection equipment (except lenses).....	3	15	1	3	8	3		
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	13	589	14	18	485	87	5	
15	5	Planing mills not operated in conjunction with sawmills.....	96	5,090	149	416	4,223	282	9	11
16	5	Plywood mills.....	8	1,140	16	75	1,020	22	6	1
17	1	Poultry dressing and packing, wholesale.....	11	118	5	10	91	12		
18	14	Power boilers and associated products.....	20	826	32	71	653	70		
19	1	Prepared feeds (including mineral) for animals and fowls.....	33	252	16	28	176	61	1	
20	9	Printing ink.....	4	41	5	11	23	2		
21	17	Printing-trades machinery and equipment.....	6	215	9	25	151	23	3	4
22	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	3	72		6	65	1		
23	6	Public-building furniture.....	8	382	15	34	312	19	2	
24	7	Pulp mills.....	28	3,121	5	238	2,838	3	37	
25	17	Pumping equipment and air compressors.....	11	791	21	147	603	20		
26	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	7	586	16	83	447	40		
27	11	Rubber products not elsewhere classified.....	13	801	18	108	628	42	1	4
28	12	Saddlery, harness, and whips.....	4	90	5	7	64	14		
29	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	52	840	49	62	485	233	2	9
30	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.....	142	5,623	60	278	5,080	200	3	2
31	14	Screw-machine products and wood screws.....	11	314	20	23	263	8		
32	15	Sheet-metal work not specifically classified.....	45	1,901	63	167	1,306	356	1	8
33	19	Shipbuilding and ship repairing.....	7	476	10	26	399	41		
34	20	Signs, advertising displays, and advertising novelties.....	33	987	37	79	778	81	12	
35	12	Small leather goods.....	5	480	6	28	385	70		
36	9	Soap and glycerin.....	9	63	5	9	34	15		
37	1	Special dairy products.....	10	1,430	6	174	1,072	134	9	35
38	17	Special-industry machinery, not elsewhere classified.....	5	60	10	6	40	4		
39	20	Sporting and athletic goods not elsewhere classified.....	17	462	11	51	347	53		
40	14	Stamped and pressed metal products (except automobile stampings).....	20	1,443	35	134	1,152	110		12
41	13	Statuary and art goods (except stone and concrete)—factory production.....	7	49	2	5	40	2		
42	14	Steam and hot-water heating apparatus (including hot-water furnaces).....	3	740	8	104	491	137		
43	14	Steam fittings, regardless of material.....	8	1,028	20	127	743	137	1	
44	14	Steel castings.....	11	3,087	36	384	2,516	135		16
45	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	11	2,398	18	261	1,851	268		
46	12	Suitcases, brief cases, bags, trunks, and other luggage.....	12	550	17	69	427	37		
47	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	10	122	5	5	110	2		
48	4	Textile bags—not made in textile mills.....	4	187	7	21	150	9		
49	14	Tin cans and other tinware not elsewhere classified.....	5	305	2	22	269	8		4
50	2	Tobacco (chewing and smoking) and snuff.....	5	19	3	1	13	2		
51	14	Tools (except edge tools, machine tools, files, and saws).....	11	352	18	32	242	59	1	
52	17	Tractors.....	7	12,330	8	2,373	9,780	88	77	4
53	6	Upholstered household furniture.....	21	1,033	33	87	822	88	3	
54	6	Window shades.....	6	87	1	2	32	2		
55	14	Wirework not elsewhere classified.....	20	459	22	42	375	20		
56	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	3	107	4	10	80	13		
57	6	Wooden boxes								

THE STATE, BY INDUSTRIES: 1939—Continued

[illegible]

TABLE 8.—GENERAL STATISTICS FOR

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 corporations ²	Manufacturing		Distri-bution	Con-struction	Other
						Salaried employ-ees ²	Wage earners (average for year) ³			
1	Other industries ⁴	305	83	31,573	403	3,051	25,256	2,563	207	33
	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴									
2	1 Food and kindred products.....	23	7	800	19	106	598	70	3	4
3	3 Textile-mill products and other fiber manufactures.....	29	16	8,101	49	424	7,122	536	56	4
4	4 Apparel and other finished products made from fabrics and similar ma-terials.....	36	15	1,097	46	85	901	64	-----	1
5	6 Furniture and finished lumber products.....	28	9	2,221	26	194	1,855	146	-----	-----
6	7 Paper and allied products.....	15	1	580	21	80	438	32	-----	-----
7	9 Chemicals and allied products.....	29	6	1,422	35	195	916	273	2	1
8	12 Leather and leather products.....	12	5	594	12	35	403	84	-----	-----
9	13 Stone, clay, and glass products.....	17	3	1,194	19	80	1,024	59	11	1
10	14 Iron and steel and their products, except machinery.....	22	1	3,377	41	376	2,609	329	46	16
11	16 Electrical machinery.....	18	4	1,008	18	200	1,221	100	-----	-----
12	17 Machinery (except electrical).....	31	2	2,126	60	253	1,545	250	18	-----
13	20 Miscellaneous industries.....	19	4	2,057	25	227	1,446	353	6	-----
	(2) Tobacco manufactures.....	5	3	19	3	1	13	2	-----	-----
	(10) Products of petroleum and coal.....	3	-----	572	6	54	495	16	1	-----
14	11 Rubber products.....	3	1	3,158	8	386	2,648	78	32	6
	15 Nonferrous metals and their products.....	9	3	1,476	7	163	1,197	17	92	-----
	18 Automobiles and automobile equipment.....	2	-----	-----	-----	-----	-----	-----	-----	-----
	19 Transportation equipment except automobiles.....	4	3	1,081	8	183	805	85	-----	-----

*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.

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

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

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 corporations ²	Manufacturing		Distri-bution	Con-struction	Other
						Salaried employ-ees ²	Wage earners (average for year) ³			
				MILWAUKEE INDUSTRIAL AREA						
1	All industries, total.....	1,936	846	127,799	2,354	15,914	98,415	9,975	617	524
2	17 Agricultural machinery (except tractors).....	10	1	1,290	17	257	980	34	1	1
3	15 Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	-----	1,304	2	148	1,045	17	92	-----
4	16 Batteries, storage and primary (dry and wet).....	4	4	867	7	159	665	36	-----	-----
5	3 Batting, padding, and wadding; upholstery filling.....	3	-----	57	6	6	41	4	-----	-----
6	8 Bookbinding and related industries.....	17	10	664	28	47	515	74	-----	-----
7	8 Books: printing without publishing.....	12	-----	1,898	39	102	786	404	67	-----
8	8 Books: publishing without printing.....	5	3	55	1	34	-----	20	-----	-----
9	12 Boot and shoe cut stock and findings.....	5	-----	271	7	17	243	4	-----	-----
10	1 Bread and other bakery products (except biscuit, crackers, and pretzels).....	280	263	3,168	48	124	2,507	439	-----	80
11	20 Brushes.....	9	8	160	11	8	110	31	-----	-----
12	1 Candy and other confectionery products.....	21	10	888	13	58	644	141	8	24
13	1 Canned and dried fruits and vegetables (including canned soups).....	4	-----	196	7	14	175	-----	-----	-----
14	4 Canvas products (except bags).....	3	-----	88	0	3	49	27	-----	-----
15	6 Caskets, coffins, burial cases, and other morticians' goods.....	6	1	98	12	7	58	21	-----	-----
16	9 Chemicals not elsewhere classified.....	3	1	17	3	6	9	-----	-----	-----
17	1 Chocolate and cocoa products.....	3	-----	233	3	29	154	47	-----	-----
18	2 Cigars.....	20	18	156	10	4	136	6	-----	-----
19	13 Clay products (except pottery) not elsewhere classified.....	3	5	11	-----	-----	11	-----	-----	-----
20	9 Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	10	-----	112	4	15	64	29	-----	-----
21	18 Concrete products.....	30	22	267	17	31	190	27	2	-----

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manu- facture *
Total ¹	Salaries of officers of corporations ²	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work		
		Salaries ³	Wages										
<i>Dollars</i> 45,648,866	<i>Dollars</i> 2,430,800	<i>Dollars</i> 5,653,405	<i>Dollars</i> 31,582,854	<i>Dollars</i> 5,359,470	<i>Dollars</i> 455,882	<i>Dollars</i> 66,445	<i>Dollars</i> 87,887,012	<i>Dollars</i> 83,891,892	<i>Dollars</i> 2,297,848	<i>Dollars</i> 1,320,092	<i>Dollars</i> 377,180	<i>Dollars</i> 182,073,972	<i>Dollars</i> 94,186,960
1,212,350	115,932	200,078	683,723	203,710	3,958	4,949	4,480,615	4,261,118	152,232	54,297	12,968	7,146,681	2,666,066
10,353,972	469,503	843,820	7,502,495	1,441,568	89,206	7,380	11,525,352	11,123,076	171,408	130,444	100,424	25,710,351	14,184,999
1,203,800	135,099	117,174	826,710	123,693	-----	1,118	2,518,728	2,474,099	25,350	18,051	1,228	4,388,676	1,869,948
3,049,755	89,002	366,285	2,360,090	234,378	-----	-----	5,972,865	5,805,441	143,199	23,865	360	10,892,657	4,919,792
827,823	104,303	165,938	489,425	68,157	-----	-----	1,382,695	1,341,176	18,396	23,123	-----	2,791,135	1,408,440
2,578,835	172,642	486,222	1,342,450	572,878	1,754	2,880	5,588,943	5,224,413	289,876	74,654	-----	16,583,692	10,994,749
633,776	52,503	40,194	417,717	123,362	-----	-----	935,775	925,293	4,156	6,326	-----	2,027,065	1,091,290
1,765,831	49,750	178,417	1,389,644	97,284	49,393	1,343	2,690,746	2,102,353	505,690	79,853	2,880	7,473,795	4,783,049
5,456,197	290,963	737,937	3,608,344	702,426	75,047	41,480	9,762,614	9,148,499	331,358	278,577	4,180	22,698,902	12,906,288
2,370,561	85,460	391,882	1,589,923	303,786	-----	-----	5,464,056	5,232,618	52,925	51,698	126,815	11,453,229	5,989,173
3,440,333	487,474	426,722	2,073,806	428,840	24,431	-----	6,162,067	5,933,126	73,483	78,904	76,554	13,077,960	6,915,893
2,702,716	193,930	319,000	1,556,954	626,004	6,828	-----	2,975,478	2,857,104	35,635	30,938	51,801	7,910,109	4,934,631
0,952,917	184,239	1,381,236	7,741,498	433,384	205,265	7,295	28,427,078	27,463,576	494,140	499,362	-----	49,949,720	21,522,642

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.

INDUSTRIAL AREA, BY INDUSTRIES: 1939

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

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

MILWAUKEE INDUSTRIAL AREA

Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
204,360,782	13,309,097	30,960,141	137,897,194	20,224,817	1,099,628	809,305	392,224,026	375,291,037	7,329,086	5,140,397	4,463,506	753,680,085	361,456,062	1
1,904,842	70,232	448,745	1,356,495	87,500	1,670	200	2,227,427	2,136,392	62,788	16,331	11,916	5,172,404	2,944,977	2
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	3
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	4
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	5
846,909	106,694	56,421	553,768	180,086	-----	-----	786,944	759,914	5,955	14,663	6,382	1,970,659	1,183,715	6
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	7
81,297	2,700	40,577	38,020	-----	-----	-----	71,901	8,565	137	80	63,119	231,817	159,916	8
332,908	24,931	39,713	255,169	13,185	-----	-----	795,627	778,183	4,703	12,080	601	1,261,662	466,035	9
4,165,602	193,605	221,545	3,174,266	515,795	-----	80,391	6,479,634	6,141,048	230,928	107,558	-----	13,962,778	7,513,244	10
204,967	39,621	14,009	106,996	44,341	-----	-----	186,298	180,931	1,696	3,671	-----	479,173	292,875	11
949,134	46,520	79,790	541,461	243,513	13,771	24,079	2,029,864	1,989,946	18,501	21,417	-----	3,708,069	1,678,225	12
159,234	20,920	18,872	119,442	-----	-----	-----	497,148	482,622	9,283	5,243	-----	877,589	380,441	13
82,099	17,067	4,659	47,728	12,745	-----	-----	81,351	79,560	685	1,108	-----	207,641	126,290	14
163,119	37,673	19,471	48,568	53,497	-----	-----	312,378	305,391	3,566	3,421	-----	573,728	261,350	15
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	16
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	17
164,359	20,519	3,274	134,016	6,550	-----	-----	188,839	180,699	524	1,616	-----	432,105	243,266	18
10,493	-----	-----	10,493	-----	-----	-----	6,644	1,682	4,049	913	-----	25,600	18,956	19
198,178	5,300	34,307	94,011	62,560	-----	-----	260,782	193,483	7,466	55,345	4,488	935,813	675,031	20
448,533	82,949	52,618	264,216	46,526	2,224	-----	890,212	818,757	11,603	20,155	9,697	2,007,086	1,146,874	21

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

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			
MILWAUKEE INDUSTRIAL AREA—Continued										
17	Construction and similar machinery (except mining and oil-field machinery and tools).....	10	1	4,127	9	779	3,162	117	23	37
7	Converted paper products not elsewhere classified.....	3		390	8	22	258	99	3	
6	Cooperage.....	6	1	114	6	8	98	2		
1	Creamery butter.....	19	9	69	2	5	51	11		
9	Drugs and medicines (including drug grinding).....	10	4	295	10	34	112	133	6	
16	Electrical products not elsewhere classified.....	7	7	139	7	19	110	3		
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	9	1	1,231	23	134	1,005	69		
8	Engraving (steel, copperplate, and wood); plate printing.....	9	6	59	10	3	40	1		
7	Envelopes.....	4		147	10	17	107	13		
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	20	3	1,038	42	175	722	99		
3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	3		206	4	21	266	5		
9	Fertilizers.....	6		243	4	28	139	46	26	
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	6	3	18	3	2	5	8		
14	Food preparations, not elsewhere classified.....	17	12	200	11	22	124	43		
17	Food-products machinery.....	7	1	879	10	53	682	134		
12	Footwear (except rubber).....	20	2	4,012	36	258	3,384	334		
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	4		1,274	12	125	1,125	12		
4	Fur coats and other fur garments, accessories, and trimmings.....	8	2	74	5	4	58	7		
20	Games and toys (except dolls and children's vehicles).....	7	4	235	7	18	203	5	2	
8	General commercial (job) printing.....	122	68	1,852	129	181	1,354	188		
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	21	4	4,720	36	1,069	3,248	295	11	70
14	Gray-iron and semisteel castings.....	18	2	1,312	41	106	1,158	6		1
9	Grease and tallow (except lubricating greases).....	4	2	40	4	5	31			
18	Gypsum products.....	3		36	4	10	16	6		
14	Hardware not elsewhere classified.....	11	4	537	17	37	462	18	3	
6	Household furniture, except upholstered.....	10	2	1,208	10	99	996	103		
1	Ice cream and ices.....	32	17	258	11	15	108	101	7	16
1	Ice, manufactured.....	11	1	214	13	9	82	109		1
12	Industrial leather belting and packing leather.....	4		21	5	2	8	6		
17	Industrial machinery, not elsewhere classified.....	15	2	445	29	64	320	25		7
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	12	6	86	20	21	30	15		
17	Internal-combustion engines.....	8	1	3,496	28	564	2,595	255	54	
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	7	1	448	10	28	382	26	2	
12	Leather gloves and mittens.....	14	2	1,308	24	78	1,113	88	3	2
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	14		3,117	28	253	2,799	30	7	
15	Lighting fixtures.....	9	4	109	12	10	74	12		1
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).....	22	1	812	42	74	649	47		
8	Machine and hand typesetting (including advertisement typesetting).....	8	3	65	10	7	46	2		
17	Machine-shop products, not elsewhere classified.....	39	10	1,758	62	203	1,343	149	1	
17	Machine-shop repairs.....	13	11	60	5	8	56			
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.....	34	17	576	45	44	475	11		1
17	Machine tools.....	5		1,603	12	245	1,307	39		
14	Malleable-iron castings.....	6		944	15	94	822	5	2	6
1	Malt.....	7		471	11	50	361	35		14
1	Malt liquors.....	9		3,509	27	318	2,390	546	27	201
6	Mattresses and bedsprings.....	8	2	1,408	11	117	1,150	130		
1	Meat packing, wholesale.....	16	7	3,146	25	461	2,339	320	1	
17	Mechanical power-transmission equipment.....	8		771	19	150	573	11	18	
4	Men's and boys' hats and caps (except felt and straw).....	3	1	32	6		23	3		
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.....	5	3	173	4	3	161	4		1
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.....	9	8	548	5	22	495	25		1
17	Metalworking machinery and equipment, not elsewhere classified.....	7	4	223	9	33	168	11	2	
4	Millinery.....	4		286	11	14	247	13		1
20	Miscellaneous fabricated products not elsewhere classified.....	6	1	78	11	15	40	12		
20	Models and patterns (except paper patterns).....	35	23	275	27	18	217	13		
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified.....	12	5	106	11	17	75	3		
18	Motor vehicles, motor-vehicle bodies, parts and accessories.....	19	7	12,100	47	1,373	10,209	422	49	
8	Newspapers: publishing and printing.....	22	12	2,104	38	781	898	386	1	
1	Nonalcoholic beverages.....	36	17	387	37	39	131	177	1	2
15	Nonferrous-metal foundries (except aluminum).....	15	8	337	18	36	251	29		3

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

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

MILWAUKEE INDUSTRIAL AREA—Continued													
Dollars 6,699,497 (5) 130,177 110,660 447,129 (5) (5) 87,712 (5) 1,715,216 (5) 478,674 (5) 261,938 (5) 4,730,643 (5) 2,258,437 (5) 198,520 3,029,728 (5) 8,308,884 1,959,872 (5) 36,428 770,539 (5) 489,649 378,155 44,314 813,077 (5) 133,063 6,199,840 (5) 583,975 1,321,531 (5) 154,683 (5) 1,465,537 116,124 3,196,914 85,097 (5) 963,826 (5) 1,144,899 6,849,249 (5) 5,243,910 (5) (5) 152,267 (5) 574,509 436,077 (5) 97,880 461,065 (5) 159,202 21,498,767 4,447,823 630,449 571,351	Dollars 56,033 (5) 28,480 8,429 59,664 (5) (5) 26,688 (5) 191,468 (5) 28,300 (5) 38,706 (5) 260,620 (5) 128,987 (5) 37,365 440,760 (5) 412,940 188,533 (5) 9,420 110,690 (5) 61,027 73,970 17,269 194,791 (5) 42,368 329,394 (5) 78,259 102,887 (5) 47,920 (5) 224,028 24,600 367,069 85,097 (5) 178,378 (5) 245,323 353,321 (5) 102,562 (5) (5) 11,820 (5) 22,180 62,900 (5) 17,278 76,678 (5) 22,205 450,652 345,374 132,700 69,404	Dollars 1,487,129 (5) 12,326 7,336 59,065 (5) (5) 10,570 (5) 342,630 (5) 75,260 (5) 33,030 (5) 450,421 (5) 365,997 (5) 16,880 333,832 (5) 2,109,307 (5) 183,289 (5) 9,760 82,321 (5) 25,183 22,761 3,786 120,588 (5) 24,950 1,276,708 (5) 92,986 102,377 (5) 15,137 (5) 130,426 24,600 462,067 11,166 (5) 89,277 (5) 147,833 666,570 (5) 907,463 (5) (5) 4,038 (5) 41,711 68,718 (5) 22,868 27,499 (5) 24,318 3,099,996 1,625,106 49,334 70,706	Dollars 4,763,707 (5) 87,026 75,086 111,505 (5) (5) 49,434 (5) 942,353 (5) 206,433 (5) 104,969 (5) 3,445,293 (5) 1,720,913 (5) 135,505 1,800,072 (5) 4,816,188 (5) 1,572,068 (5) 11,619 637,105 (5) 168,878 132,229 13,260 446,718 (5) 31,525 4,036,241 (5) 318,989 989,145 (5) 60,208 (5) 956,930 74,491 1,974,368 63,641 (5) 676,903 (5) 667,336 4,103,966 (5) 3,477,638 (5) (5) 132,314 (5) 468,001 282,070 (5) 35,966 334,354 (5) 105,879 16,911,122 1,863,711 171,011 353,667	Dollars 342,345 (5) 2,345 19,809 211,878 (5) (5) 1,020 (5) 233,821 (5) 109,681 (5) 85,233 (5) 574,309 (5) 42,540 (5) 7,100 395,064 (5) 570,399 12,692 5,629 37,000 (5) 189,956 145,034 9,979 39,373 (5) 34,220 508,628 (5) 87,688 122,645 (5) 21,941 (5) 142,515 4,300 401,420 (5) 19,003 (5) 68,637 1,225,399 (5) 754,472 (5) (5) 3,315 (5) 41,057 17,289 (5) 21,768 22,534 (5) 6,800 935,145 620,748 271,962 73,843	Dollars 32,842 (5) (5) (5) 4,927 (5) (5) 1,020 (5) (5) 4,938 (5) 57,000 (5) 85,233 (5) (5) (5) (5) 1,609 (5) 395,064 (5) 14,236 2,400 (5) 3,423 (5) 12,970 1,560 2,611 11,607 (5) (5) 48,899 6,053 2,920 (5) (5) 2,638 (5) 2,000 (5) (5) 265 (5) 25,770 62,055 447,948 (5) 1,785 (5) (5) 780 (5) 1,560 (5) (5) 4,100 (5) (5) 101,852 2,884 420 3,731	Dollars 17,441 (5)							

CENSUS OF MANUFACTURES: 1939

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

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			
MILWAUKEE INDUSTRIAL AREA—Continued										
15	Nonferrous-metal products not elsewhere classified.....	9	—	331	18	33	267	13	—	—
20	Organs *.....	5	1	48	8	2	34	4	—	—
9	Paints, varnishes, and lacquers.....	14	—	932	16	177	541	198	—	—
7	Paperboard containers and boxes not elsewhere classified.....	10	2	1,108	11	135	910	51	1	—
6	Partitions, shelving, cabinet work, and office and store fixtures.....	10	6	201	15	22	149	15	—	—
8	Periodicals: publishing and printing.....	9	—	424	16	78	217	115	—	—
8	Periodicals: publishing without printing.....	13	3	85	17	63	1	4	—	—
8	Photoengraving, not done in printing establishments (including preparation of plates).....	11	—	189	22	30	111	26	—	—
20	Photographic apparatus and materials and projection equipment (except lenses).....	3	1	15	1	3	8	3	—	—
1	Pickled fruits and vegetables and vegetable sauces and seasonings.....	4	2	251	2	5	180	59	5	—
5	Planing mills not operated in conjunction with sawmills.....	31	9	1,021	53	117	787	62	1	1
1	Poultry dressing and packing, wholesale.....	7	6	69	5	3	50	11	—	—
14	Power boilers and associated products.....	11	1	723	26	53	579	65	—	—
1	Prepared feeds (including mineral) for animals and fowls.....	6	2	128	6	8	71	42	1	—
17	Printing-trades machinery and equipment.....	6	—	215	9	25	151	23	3	4
17	Pumping equipment and air compressors.....	5	—	264	13	74	160	17	—	—
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	4	1	432	8	61	323	40	—	—
11	Rubber products not elsewhere classified.....	9	4	402	13	38	330	20	1	—
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments.....	30	11	615	41	38	330	198	2	6
14	Screw-machine products and wood screws.....	11	2	314	20	23	263	8	—	—
15	Sheet-metal work not specifically classified.....	21	9	850	28	66	634	125	1	5
20	Signs, advertising displays, and advertising novelties.....	21	9	319	29	37	227	26	—	—
17	Special-industry machinery, not elsewhere classified *.....	5	4	60	10	6	40	4	—	—
20	Sporting and athletic goods not elsewhere classified.....	9	4	88	8	13	62	5	—	—
13	Statuary and art goods (except stone and concrete)—factory production *.....	7	6	49	2	5	40	2	—	—
14	Steel castings *.....	11	—	3,087	36	384	2,516	135	—	16
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	—	1,285	10	181	980	114	—	—
12	Suitcases, brief cases, bags, trunks, and other luggage.....	8	2	396	13	52	297	34	—	—
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances.....	4	1	19	3	2	13	1	—	—
14	Tools (except edge tools, machine tools, files, and saws).....	5	2	249	10	16	165	57	1	—
17	Tractors *.....	7	—	12,330	8	2,373	9,780	88	77	4
6	Upholstered household furniture.....	7	2	131	9	8	105	9	—	—
6	Window shades *.....	6	4	37	1	2	32	2	—	—
14	Wirework not elsewhere classified.....	9	10	110	6	14	86	4	—	—
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	3	1	107	4	10	80	13	—	—
6	Wooden boxes except cigar boxes.....	7	7	275	1	16	247	8	—	3
6	Wood products not elsewhere classified.....	3	—	81	5	12	64	—	—	—
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	9	8	175	12	11	126	25	—	1
39	Other industries *.....	524	127	44,373	824	4,516	34,752	3,924	301	56
OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁴										
1	Food and kindred products.....	37	12	2,018	31	252	1,408	309	11	7
3	Textile-mill products and other fiber manufactures.....	22	6	7,176	43	366	6,258	463	45	1
4	Apparel and other finished products made from fabrics and similar materials.....	51	17	2,649	79	224	2,147	194	3	2
6	Furniture and finished lumber products.....	37	13	3,107	43	261	2,547	256	—	—
7	Paper and allied products.....	16	—	1,455	34	145	1,034	232	10	—
8	Printing, publishing, and allied industries.....	29	1	1,924	69	203	1,051	534	67	—
9	Chemicals and allied products.....	56	17	1,351	66	197	767	318	1	2
12	Leather and leather products.....	24	5	3,308	37	263	3,013	48	7	—
13	Stone, clay, and glass products.....	17	4	178	26	14	127	11	—	—
14	Iron and steel and their products, except machinery.....	77	8	8,727	155	995	6,815	678	45	39
15	Nonferrous metals and their products.....	60	21	2,704	80	268	2,151	166	94	5
16	Electrical machinery.....	23	14	2,588	27	381	1,990	190	—	—
17	Machinery (except electrical).....	51	3	4,897	106	669	3,694	410	18	—
20	Miscellaneous industries.....	14	5	260	14	27	203	16	—	—
10	Products of petroleum and coal.....	3	—	573	8	56	495	14	—	—
19	Transportation equipment except automobiles.....	7	1	1,338	6	195	1,052	85	—	—

*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.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manu- facture 4
Total 2	Salaries of officers of corporations 2	Manufacturing		Distribu- tion	Construc- tion	Other	Total	Materials and supplies	Fuel	Pur- chased electric energy	Contract work		
		Salaries 2	Wages										

MILWAUKEE INDUSTRIAL AREA—Continued

Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)	Dollars (1)
51,204	11,984	1,179	34,037	4,084			32,575	30,506	771	1,298		101,331	68,756	
1,883,504	111,129	404,205	832,433	535,797			6,618,736	6,512,549	57,188	48,999		11,188,951	4,570,215	
1,733,365	152,900	290,784	1,149,970	136,709	3,002		4,686,265	4,600,132	30,638	46,495		7,712,275	3,029,010	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
175,340	56,467	110,437	780	7,656	(1)	(1)	356,287	9,994	(1)	333	(1)	345,960	694,028	337,741
498,084	100,039	59,022	283,505	55,518			132,962	117,357	819	12,212	2,574	728,202	595,240	
18,927	7,500	1,454	7,330	2,643			13,419	12,373	504	542		26,015	12,596	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1,550,918	226,567	195,536	985,925	141,186	1,184	520	1,713,022	1,658,322	23,575	30,346	779	3,495,393	1,782,371	
94,563	11,133	2,456	61,068	19,906			984,789	978,459	2,608	3,722		1,167,301	182,512	
1,308,457	151,326	173,179	890,650	93,302			1,744,346	1,613,065	73,226	46,539	11,576	4,396,490	2,652,144	
244,437	52,748	14,096	88,418	87,532	1,043		1,285,289	1,269,797	7,801	7,091		2,023,501	738,212	
376,561	42,100	61,369	220,819	33,504	4,994	4,776	281,386	269,216	5,284	8,479	8,407	953,076	671,090	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
470,499	43,116	55,291	331,500	40,242	350		820,825	783,084	10,963	24,429	2,349	1,628,004	807,179	
1,010,508	206,007	68,976	448,209	275,298	3,882	7,071	4,326,513	4,261,984	28,572	35,957		5,895,136	1,568,623	
507,826	92,302	37,551	302,174	15,799			520,969	463,646	6,635	23,308	27,380	1,210,367	689,398	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
495,820	124,587	62,168	266,505	42,570			474,825	461,609	3,295	9,684	237	1,121,767	648,942	
132,472	49,105	11,947	58,170	13,250			138,951	129,957	1,271	2,853	4,870	391,339	252,388	
85,218	16,035	14,045	63,139	4,999			131,504	127,582	1,646	2,250	26	297,804	166,300	
61,243	1,708	9,490	46,145	1,900			24,881	22,272	1,714	895		117,244	92,363	
5,364,655	345,232	823,220	3,881,762	302,775		11,666	5,407,238	4,562,773	267,511	438,795	138,159	13,156,829	7,749,591	
613,363	88,821	102,336	343,458	78,748			747,953	740,971	5,246	1,736		1,736,109	988,156	
33,910	10,300	4,285	18,150	1,175			85,338	84,476	(1)	801	61	130,372	45,034	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
19,131,467	41,500	3,647,300	15,037,210	243,778	156,610	5,059	36,884,731	34,629,040	830,947	265,162	1,159,582	68,493,028	31,608,297	
158,958	22,907	12,583	110,014	13,454			267,672	261,773	2,420	3,479		472,533	204,861	
45,584	3,260	5,722	33,144	3,468			116,410	113,486	644	1,780	500	251,580	135,170	
136,801	17,100	25,438	88,877	5,470			299,854	292,849	2,100	4,905		583,264	283,400	
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
256,122	10,800	20,252	196,765	12,220		16,085	453,851	435,692	2,596	15,563		820,132	366,281	
87,683	15,000	15,021	56,762				215,831	201,685	598	3,643	9,905	376,499	160,068	
158,215	27,680	12,221	93,905	23,542		867	148,093	137,381	1,826	2,886	6,000	344,373	196,280	
68,781,584	4,957,522	8,998,015	46,134,943	8,038,753	551,757	99,994	114,150,546	108,621,003	2,649,215	1,730,730	1,149,598	236,202,769	122,052,223	
2,873,134	177,240	476,175	1,581,688	617,455	12,404	8,172	10,161,917	9,764,259	245,874	138,100	13,684	15,415,202	5,253,285	
9,247,803	358,660	745,862	6,789,910	1,276,709	72,162	4,500	10,264,405	9,906,642	144,605	112,159	100,999	22,582,322	12,317,917	
2,822,462	296,936	267,790	1,941,285	312,263	2,920	1,268	5,410,146	5,319,321	21,727	36,315	32,783	9,107,146	3,697,000	
4,613,060	148,768	514,053	3,547,699	401,940			7,404,829	7,197,683	177,049	22,539	7,558	14,432,230	7,027,401	
2,328,273	208,596	290,135	1,384,934	415,793	28,815		3,378,416	3,087,876	242,491	36,833	11,216	7,175,112	3,796,696	
3,057,346	593,593	438,690	1,603,991	856,508	164,564		3,083,727	2,625,482	23,870	73,344	361,031	8,181,263	5,097,536	
2,516,551	292,949	468,209	1,089,936	668,495	2,414	4,543	5,898,840	5,593,246	240,116	65,478		15,966,646	10,067,806	
4,897,778	318,401	669,561	3,784,521	115,655	9,650		14,717,019	14,315,848	286,471	164,700		22,637,518	7,820,499	
191,394	48,514	17,518	117,061	8,301			172,630	114,393	48,344	9,893		479,644	307,014	
14,296,146	1,031,213	1,970,741	9,726,598	1,414,787	76,477	76,330	19,900,063	18,592,273	677,313	560,560	99,917	45,887,270	25,427,207	
4,517,888	358,458	473,398	3,165,986	356,950	157,920	5,176	9,970,034	9,600,068	177,964	194,894	7,138	20,523,556	10,553,522	
4,100,847	234,193	801,485	2,693,162	372,017			8,244,187	7,913,404	68,114	104,618	158,051	16,416,109	8,171,922	
8,983,726	719,478	1,310,440	5,920,244	1,009,133	24,431		9,016,478	8,442,538	143,444	105,511	324,985	24,916,087	15,899,559	
373,489	65,081	41,535	24											

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

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

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

⁴ ¹ and ² To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Milwaukee industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.

⁵ 1 establishment.

⁶ 2 establishments.

⁷ 3 establishments.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, 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 ¹	*Salaried employees ²	*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 ¹
	All industries, total.....	1,489	635	1,854	9,328	61,672	\$9,808,917	\$18,780,830	\$84,922,173	\$220,238,347	\$437,444,671	\$217,206,324
17	Agricultural machinery (except tractors).....	5	1	7	11	65	23,504	16,428	66,986	268,814	498,066	229,852
3	Batting, padding, and wadding; upholstery filling.....	3		6	6	41	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Bookbinding and related industries.....	17	10	28	47	515	106,694	56,421	553,768	786,944	1,970,659	1,133,715
8	Books: printing without publishing.....	10		28	76	278	107,127	180,269	326,409	549,877	1,473,932	924,055
8	Books: publishing without printing.....	5	3	1	34		2,700	40,577		71,901	231,817	159,916
12	Boot and shoe cut stock and findings.....	5		7	17	243	24,981	39,713	255,169	795,627	1,261,662	466,035
1	Bread and other bakery products (except biscuit, crackers, and pretzels).....	213	192	42	117	2,264	184,200	215,344	2,892,962	5,728,247	12,509,573	6,781,326
20	Brushes.....	9	8	11	8	110	39,621	14,009	106,996	186,298	479,173	292,875
4	Canvas products (except bags).....	3		9	3	49	17,067	4,559	47,728	81,351	207,641	126,290
6	Caskets, coffins, burial cases, and other morticians' goods.....	6	1	12	7	58	37,673	13,471	48,568	312,378	573,728	261,360
2	Cigars.....	20	18	10	4	136	20,519	3,274	134,016	188,830	432,105	243,266
9	Cleaning and polishing preparations, blackings, and dressings.....	15	4	18	29	57	68,098	54,882	67,181	427,098	1,141,775	714,077
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7		4	12	48	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
13	Concrete products.....	19	10	14	20	121	76,242	31,996	168,261	574,699	1,387,608	812,909
17	Construction and similar machinery (except mining and oil-field machinery and tools).....	3		7	142	595	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
7	Converted paper products not elsewhere classified.....	3		8	22	258	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Cooperage.....	6	1	6	8	98	28,480	12,326	87,026	299,875	529,906	230,031
1	Creamery butter.....	10	5	2	4	37	8,429	0,956	56,052	973,835	1,220,900	247,065
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	3	1	5	5	39	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
10	Electrical products not elsewhere classified.....	3	2	3	10	47	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
15	Electroplating, plating, and polishing.....	9	2	13	9	110	44,310	14,692	114,694	82,053	349,225	267,172
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	6	1	14	78	612	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	Engraving (steel, copperplate, and wood); plate printing.....	9	6	10	8	40	26,688	10,570	49,434	40,518	214,337	173,819
7	Envelopes.....	4		10	17	107	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.....	20	3	42	175	722	191,468	342,636	942,353	2,756,741	5,195,268	2,438,527
1	Flavoring extracts and flavoring sirups, not elsewhere classified.....	6	3	3	2	5	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Food preparations, not elsewhere classified.....	14	11	11	17	110	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
17	Food-products machinery.....	4	1	3	37	85	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
12	Footwear (except rubber).....	17	2	34	232	3,062	234,770	405,561	3,116,112	6,958,368	12,532,422	5,574,054
4	Fur coats and other fur garments, accessories, and trimmings.....	8	2	5	4	58	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Games and toys (except dolls and children's vehicles).....	4	1	6	11	98	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
8	General commercial (job) printing.....	110	61	122	176	1,306	429,587	323,270	1,794,867	3,782,607	8,032,095	4,249,488
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.....	15	2	26	830	2,649	262,937	1,640,714	3,819,682	4,539,880	14,668,234	10,128,354
13	Gray-iron and semisteel castings.....	8	2	13	22	279	39,775	32,023	311,849	254,318	758,434	504,116
14	Gypsum products.....	3		4	10	16	9,420	9,760	11,619	81,689	190,164	108,475
14	Hardware not elsewhere classified.....	3	2	7	15	233	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	6		14	77	827	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
6	Household furniture, except upholstered.....	5	1	5	11	103	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
1	Ice cream and ices.....	23	11	7	14	99	48,712	22,570	154,760	1,474,925	2,771,092	1,206,167
1	Ice, manufactured.....	8	1	9	5	67	53,970	10,726	112,004	146,927	618,941	472,014
12	Industrial leather belting and packing leather.....	4		5	2	8	17,269	3,786	13,280	93,155	152,528	59,378
17	Industrial machinery, not elsewhere classified.....	15	2	29	64	320	194,791	120,588	446,718	986,080	2,347,223	1,361,143
9	Insecticides, fungicides, and related industrial and household chemical compounds.....	12	6	20	21	30	42,368	24,950	31,525	178,648	375,889	197,241
17	Internal-combustion engines.....	5	1	17	412	2,052	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.....	7	1	10	28	382	78,269	92,986	318,989	709,885	1,648,630	938,745

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, 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
12	Leather gloves and mittens	14	2	24	78	1,113	\$102,887	\$102,377	\$989,145	\$1,512,680	\$3,210,643	\$1,697,963
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	10		20	213	2,150	244,732	555,985	2,818,626	10,904,486	16,818,235	5,913,746
15	Lighting fixtures	9	4	12	10	74	47,920	15,137	69,208	201,205	426,670	225,465
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	22	1	42	74	649	224,028	139,426	956,930	1,362,592	3,440,256	2,047,664
9	Lubricating oils and greases—not made in petroleum refineries	8		11	13	29	(*)	(*)	(*)	(*)	(*)	(*)
8	Machine and hand typesetting (including advertisement typesetting)	8	3	10	7	46	24,600	11,733	74,491	13,198	190,416	177,218
17	Machine-shop products, not elsewhere classified	27	7	43	72	475	182,002	124,972	564,612	1,038,453	2,364,201	1,325,748
17	Machine-shop repairs	10	9	3	6	35	(*)	(*)	(*)	(*)	(*)	(*)
17	Machine-tool and other metalworking—machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	22	5	36	33	351	151,536	64,958	487,307	242,661	1,252,448	1,009,787
1	Malt	4		3	25	167	20,892	68,294	316,181	3,776,737	5,105,870	1,329,133
1	Malt liquors	9		27	318	2,390	353,321	666,570	4,103,956	14,671,965	39,754,531	25,082,566
6	Mattresses and bedsprings	6	2	9	8	110	35,642	15,323	109,048	454,057	786,730	332,673
4	Men's and boys' hats and caps (except felt and straw)	3	1	6		23	(*)	(*)	(*)	(*)	(*)	(*)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	3	4	3	161	11,820	4,038	132,314	14,367	183,810	169,443
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	9	8	5	22	495	22,180	41,711	468,001	961,507	1,811,394	859,887
4	Millinery	4		11	14	247	(*)	(*)	(*)	(*)	(*)	(*)
20	Miscellaneous fabricated products not elsewhere classified	6	1	11	16	40	17,278	22,868	35,966	165,134	330,476	165,342
20	Models and patterns (except paper patterns)	21	12	18	13	146	56,403	20,418	207,142	80,740	821,820	441,060
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	9	3	11	15	63	22,205	21,830	92,064	135,263	343,274	208,011
18	Motor vehicles, motor-vehicle bodies, parts and accessories	10	3	29	828	6,249	(*)	(*)	(*)	(*)	(*)	(*)
8	Newspapers: publishing and printing	9	2	22	693	771	(*)	(*)	(*)	(*)	(*)	(*)
1	Nonalcoholic beverages	22	12	26	23	97	104,352	32,026	128,142	681,302	1,801,478	1,120,176
15	Nonferrous-metal foundries (except aluminum)	11	5	18	33	234	66,404	65,852	335,414	694,625	1,638,414	943,789
15	Nonferrous-metal products not elsewhere classified	6		13	26	225	96,888	51,257	304,449	453,897	1,141,029	687,132
20	Organs	5	1	8	2	84	11,984	1,179	34,037	32,575	101,331	68,756
9	Paints, varnishes, and lacquers	11		14	160	503	(*)	(*)	(*)	(*)	(*)	(*)
7	Paperboard containers and boxes not elsewhere classified	10	2	11	135	910	152,900	290,784	1,149,970	4,686,265	7,712,275	3,026,010
6	Partitions, shelving, cabinet work, and office and store fixtures	10	6	15	22	149	(*)	(*)	(*)	(*)	(*)	(*)
8	Periodicals: publishing and printing	7		14	51	204	118,139	88,360	348,924	424,805	1,612,341	1,187,536
8	Periodicals: publishing without printing	13	3	17	63	1	56,467	110,437	780	356,287	694,028	337,741
8	Photoengraving, not done in printing establishments (including preparation of plates)	11		22	30	111	100,039	50,022	283,505	132,962	728,202	565,240
20	Photographic apparatus and materials and projection equipment (except lenses)	3	1	1	3	8	7,500	1,454	7,330	13,419	26,015	12,566
5	Planing mills not operated in conjunction with sawmills	21	5	34	96	554	163,637	152,422	676,914	1,219,534	2,491,906	1,272,372
14	Power boilers and associated products	6	1	11	21	109	(*)	(*)	(*)	(*)	(*)	(*)
17	Pumping equipment and air compressors	5		13	74	160	(*)	(*)	(*)	(*)	(*)	(*)
11	Rubber products not elsewhere classified	6	4	8	13	65	(*)	(*)	(*)	(*)	(*)	(*)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	30	11	41	38	330	206,007	68,976	448,269	4,326,513	5,895,136	1,568,623
14	Screw-machine products and wood screws	7	1	12	10	87	50,902	17,341	116,540	152,492	413,247	260,755
20	Signs, advertising displays, and advertising novelties	21	9	29	37	227	124,587	62,158	266,505	474,825	1,121,767	646,942
9	Soap and glycerin	6	5	2	8	27	6,590	13,060	27,036	207,032	359,531	152,499
20	Sporting and athletic goods not elsewhere classified	9	4	8	13	62	16,035	14,045	53,139	131,504	267,804	166,300
14	Stamped and pressed metal products (except automobile stampings)	15	4	22	80	903	(*)	(*)	(*)	(*)	(*)	(*)
14	Steel castings	7		26	205	2,073	240,284	646,107	3,215,000	4,628,926	10,718,173	6,089,247
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5		10	181	980	(*)	(*)	(*)	(*)	(*)	(*)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, 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
12	Suitcases, brief cases, bags, trunks, and other luggage.....	4	2	4	4	63	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances ⁴	4	1	3	2	13	\$10,300	\$4,285	\$18,150	\$85,338	\$130,372	\$45,034
6	Upholstered household furniture ⁴	7	2	9	8	105	22,907	12,583	110,014	267,672	472,533	204,861
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	3	1	4	10	80	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
	Other industries ⁵	527	180	771	5,572	35,007	4,381,075	11,511,287	50,136,094	132,915,707	251,014,782	118,099,015
6	OTHER INDUSTRIES, BY INDUSTRY GROUPS ⁶											
1	Food and kindred products.....	84	40	77	359	2,368	324,277	630,908	2,070,081	32,327,774	40,931,079	8,003,905
3	Textile-mill products and other fiber manufactures.....	18	6	34	291	4,791	220,886	609,191	5,376,137	6,358,314	16,023,971	10,285,657
4	Apparel and other finished products made from fabrics and similar materials.....	58	20	91	230	2,223	324,016	274,179	1,094,304	5,537,850	9,344,301	3,806,451
6	Furniture and finished lumber products.....	32	14	31	75	670	101,686	119,706	687,403	1,369,633	2,759,942	1,390,309
7	Paper and allied products.....	14		32	142	1,018	204,956	286,561	1,307,463	3,348,146	7,097,947	3,749,801
9	Chemicals and allied products.....	52	9	60	275	893	252,878	604,086	1,337,701	8,196,127	14,900,624	6,704,497
12	Leather and leather products.....	12	7	9	11	163	20,283	15,850	143,608	358,227	720,075	361,843
13	Stone, clay, and glass products.....	19	7	25	13	93	37,780	17,818	95,594	92,518	308,670	216,158
14	Iron and steel and their products, except machinery.....	71	21	127	713	5,389	788,833	1,416,253	7,528,319	16,496,847	36,288,187	19,791,340
16	Electrical machinery.....	13	7	17	210	857	185,165	459,041	1,173,608	3,065,842	6,001,462	2,935,620
17	Machinery (except electrical).....	63	15	123	1,345	7,052	885,312	2,857,424	11,286,232	22,182,778	40,952,888	24,770,110
20	Miscellaneous industries.....	18	6	20	38	301	93,446	55,412	341,814	633,128	1,284,570	751,451
8	Printing, publishing, and allied industries.....	16	3	36	716	816						
11	Rubber products.....	6	4	8	13	65						
15	Nonferrous metals and their products.....	35	18	39	71	681	931,957	4,164,858	15,833,740	33,048,583	67,800,451	34,751,868
15	Automobiles and automobile equipment.....	10	3	29	828	6,249						
10	Products of petroleum and coal.....	2										
19	Transportation equipment except automobiles.....	4		13	242	1,378						

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

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

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

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

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

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

⁶, ⁷, and ⁸ To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Milwaukee have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.

¹ 1 establishment.

² 2 establishments.

³ 3 establishments.

WISCONSIN

1101

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

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State.....	6,717	3,712	34	66	108	268	217	138	623	153	12	16	129	171	269	140	69	361	40	25	166
Adams.....	8	5				2			1												
Ashland.....	33	21				5	1		2												
Barron.....	60	42				1	7	1	2		1			1				1			1
Bayfield.....	25	15				0			2		2			1				2			
Brown.....	178	97	1		2	3	8	14	14	3	2		2	9	6	2		10		1	4
Buffalo.....	22	15				5			2												
Burnett.....	11	7				3															
Calumet.....	68	50	1			1			4	1			1	2		1		6			
Chippewa.....	77	49		1	1	5	3	2	6				5	2				1			
Clark.....	118	104				3	3	1	6									1			
Columbia.....	70	59		1					5	1			1	2		1					
Crawford.....	47	38				2	2		2	1								1			
Dane.....	259	165		1		2	3	1	37	6			1	5	12	7	4	8	4		4
Dodge.....	207	170				1	5	1	8	2		1	5	2	5	2		4			1
Door.....	37	30					1		3											3	
Douglas.....	36	15				2	1		7		2				3		1	3		2	
Dunn.....	33	23	1			2	1		3					2		1					
Eau Claire.....	68	32	1			2	2	3	11	1		1	2	3	1	2		5	1		1
Florence.....	3	1				2															
Fond du Lac.....	137	86		2	2	3	5	1	8	1			4	4	3	5	2	7		1	3
Forest.....	15	5				8	1		1												
Grant.....	100	89				1	1		7	2					1						
Green.....	134	125		1	1		1		4						1			1			
Green Lake.....	32	21			2	2			3				3					1			
Iowa.....	111	107			1				2						1						
Iron.....	7	4							1									2			
Jackson.....	25	20				4			1												
Jefferson.....	100	58		5	1	5	2		9			1	4	1	2	4		7			1
Juneau.....	23	18				1			3	1											
Kenosha.....	73	30		2		7			5	3	1			3	7	4	2	6	2		1
Kewaunee.....	72	55			2	2	6		3						1	1		2			
La Crosse.....	97	42	1		1	6	3		14	2		1		5	5	4		2	2		4
Lafayette.....	87	84							2									1			
Lancaster.....	39	17				17	2		1				1					1			
Lincoln.....	52	34		2		1	4	3	4				1	1	1			1			
Manitowoc.....	186	119	1	2	4	2	5	4	12	1				9	4	9	2	6		2	4
Marathon.....	190	132				11	6	6	10	1		1	1	8	1		3	5			3
Marinette.....	50	25	1	1		3	2	8	6	1			1	1						1	
Marquette.....	14	12				1								1							
Milwaukee.....	1,657	446	19	25	75	29	61	25	234	97	2	6	67	60	132	74	31	159	13	7	95
Monroe.....	24	21							2												1
Oconto.....	89	76				8		2	3					1				1		1	
Oncida.....	28	7					2		6												
Outagamie.....	170	97		5		5	7	14	8	4		1		8	9	1	3	5	1		2
Ozaukee.....	64	31		2	1	1	3		3	1			2	2	4	2		11	1		
Pepin.....	8	5					1		1									1			
Pierce.....	25	13			1	2			6	1								1			1
Polk.....	59	51					1		7												
Portage.....	57	32		1		5	3	5	5					1		2		1			2
Price.....	34	24				5		2	2									1			
Racine.....	206	56	1	2	1	2	3	1	15	5		3	8	8	32	6	11	36	4		12
Richland.....	69	63				2	1		3												
Rock.....	94	39	1	4	2	3	3	2	10	1			4	1	1		4	13	4		2
Rusk.....	24	13				4	1	3	2												1
St. Croix.....	32	25							6												1
Sauk.....	62	45		3	1	4			4					1				3		1	
Sawyer.....	23	7				14			1												1
Shawano.....	110	88				15	1	2	4												
Sheboygan.....	234	125	2	1	8	5	25	4	14	3	3		9	9	11	1	1	12			6
Taylor.....	32	23				8			1												
Trempealeau.....	29	22				1			6												
Vernon.....	49	40				6			3												
Vilas.....	8	3				4			1												
Walworth.....	51	27	2	1	1				11					1	1	1		1		2	3
Washburn.....	15	9				2			1												
Washington.....	72	46		1			3		3		1		4	2	1	2	2	4	3		1
Waukesha.....	100	43				4	3		8	3				8	12	2	1	10		1	4
Waupaca.....	84	64				6	1		5					1	2			1			2
Waushara.....	16	12				1		1	1					1							
Winnebago.....	203	85	2	4	4	9	11	18	25	7		1	2	3	8	5	2	10	2	1	4
Wood.....	85	68			2	2	4	10	6	1			1	1	2	1		1			1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 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 WISCONSIN				STATE OF WISCONSIN—Continued			
1	Baking powder, yeast, and other leavening compounds...	4	140	9	Glue and gelatin	2	
	Beet sugar	1			Linseed oil, cake, and meal	1	
	Cane-sugar refining	1			Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Canned fish, crustacea, and mollusks	1			Rayon and allied products	1	
	Chocolate and cocoa products	3	154		Soybean oil, cake, and meal	1	
	Cured fish	3	12		Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Custom slaughtering, wholesale	1					
	Liquors, rectified or blended	2		10	Oven coke and coke-oven byproducts	2	
	Macaroni, spaghetti, vermicelli, and noodles	4	84		Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Preserves, jams, jellies, and fruit butters	1					
	Sausage casings—not made in meat-packing establishments	1		11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
	Vinegar and cider	1			Tires and inner tubes	2	
2	Tobacco (chewing and smoking) and snuff	5	13				
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	314	12	Leather goods not elsewhere classified	2	
	Cloth sponging and miscellaneous special finishing	1			Saddlery, harness, and whips	4	64
	Cordage and twine	1			Small leather goods	5	385
	Cotton broad woven goods	1			Women's pocketbooks, handbags, and purses	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2		13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	266		Cement	1	
	Hosiery—full-fashioned	5	4,908		Clay refractories, including refractory cement (clay)	1	
	Knitted cloth	2			Floor and wall tile (except quarry tile)	1	
	Knitted gloves	2			Minerals and earths, ground or otherwise treated	2	
	Knitted underwear	4	961		Mineral wool	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	65		Porcelain electrical supplies	1	
	Woolen and worsted manufactures—contract factories	2			Pottery products not elsewhere classified	1	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2			Sand-lime brick, block and tile	2	
	Curtains, draperies, and bedspreads—contract factories	1			Steam and other packing; pipe and boiler covering	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1			Vitreous-china plumbing fixtures	1	
	Embroideries, other than Schiffl-machine products—contract factories	1			Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
	Embroideries: Schiffl-machine products	1		14	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	4	96		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	43
	Men's and boys' hats and caps (except felt and straw)	3	23		Heating and cooking apparatus, except electric, not elsewhere classified	5	147
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1			Safes and vaults	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1			Steam and hot-water heating apparatus (including hot-water furnaces)	3	491
	Millinery	4	247		Steel barrels, kegs, and drums	1	
	Raincoats and other waterproof garments (except oiled cotton)	2			Steel works and rolling mills	2	
	Suspenders, garters, and other goods made from purchased elastic material	1			Vitreous-enameled products, including kitchen, household, and hospital utensils	2	
	Textile bags—not made in textile mills	4	150		Wire drawn from purchased rods	2	
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories	2		15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	1,045
	Trimnings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1			Clocks, watches, and materials and parts (except watchcases)	1	
	Trousers (semidress), wash suits, and washable service apparel	1			Engraving on metal (except for printing purposes)	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2			Secondary smelting and refining, gold, silver, and platinum	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	80		Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Work gloves and mittens: cloth, cloth and leather combined	1		16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
6	Baskets for fruits and vegetables	1			Communication equipment	4	244
	Cigar boxes: wooden, part wooden	1			Electrical appliances	4	599
	Excelsior	4	156		Radio, radio tubes, and phonographs	2	
	Leads and related products	1			Wiring devices and supplies	4	51
	Matches	1			X-ray and therapeutic apparatus and electronic tubes	4	
	Mattresses and bedsprings	14	1,176	17	Blowers: exhaust and ventilating fans	2	
	Venetian blinds	2			Cars and trucks, industrial	3	85
	Window and door screens and weather strip	2			Commercial laundry, dry-cleaning, and pressing machinery	2	
	Wood preserving	2			Laundry equipment, domestic	2	
7	Die-cut paper and paperboard, and converted cardboard	3	73		Measuring and dispensing pumps	1	
	Envelopes	4	107		Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	158
	Fiber cans, tubes, and similar products	2			Mechanical power-transmission equipment	8	573
	Paper bags, except those made in paper mills	2			Mining machinery and equipment	1	
	Pulp goods (pressed, molded)	2			Office and store machines not elsewhere classified	4	116
	Wallpaper	2			Scales and balances	1	
9	Cleaning and polishing preparations, blackings, and dressings	20	215		Stokers, mechanical, domestic and industrial	2	
	Coal-tar products, crude and intermediate	1		18	Vending, amusement, and other coin-operated machines	2	
	Explosives	1		19	Automobile trailers (for attachment to passenger cars)	2	
					Motorcycles, bicycles, and parts	2	
					Transportation equipment not elsewhere classified	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 MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners	Group No.	TITLE	Number of establishments	Wage earners
STATE OF WISCONSIN—Continued				MILWAUKEE INDUSTRIAL AREA—Continued			
20	Artists' materials.....	1	---	6	Baskets for fruits and vegetables.....	1	---
	Children's vehicles.....	1	---		Cigar boxes: wooden, part wooden.....	1	---
	Dental equipment and supplies.....	1	---		Household furniture, except upholstered.....	10	996
	Fabricated plastic products, not elsewhere classified.....	2	---		Lasts and related products.....	1	---
	Feathers, plumes, and artificial flowers.....	1	---		Mattresses and bedsprings.....	8	1,150
	Furs, dressed and dyed.....	1	---		Office furniture.....	2	---
	Hand stamps, stencils, and brands.....	2	---		Partitions, shelving, cabinet work, and office and store fixtures.....	10	149
	Jewelry cases and instrument cases.....	1	---		Public-building furniture.....	1	---
	Lamp shades.....	1	---		Venetian blinds.....	1	---
	Musical instruments, parts, and materials not elsewhere classified.....	2	---		Window and door screens and weather strip.....	1	---
	Needles, pins, hooks and eyes, and slide and snap fasteners.....	1	---		Wood preserving.....	1	---
	Ophthalmic goods: lenses and fittings.....	1	---	7	Coated and glazed paper.....	2	---
	Pens, mechanical pencils, and pen points.....	1	---		Converted paper products not elsewhere classified.....	3	258
	Piano and organ parts and materials.....	1	---		Die-cut paper and paperboard, and converted cardboard.....	2	---
	Professional and scientific instruments (except surgical and dental).....	1	---		Envelopes.....	4	107
	Soda fountains, beer dispensing equipment, and related products.....	1	---		Paper and paperboard mills.....	1	---
MILWAUKEE INDUSTRIAL AREA					Paper bags, except those made in paper mills.....	2	---
1	Baking powder, yeast, and other leavening compounds.....	3	---		Pulp goods (pressed, molded).....	2	---
	Biscuit, crackers, and pretzels.....	5	---	8	Books: printing without publishing.....	12	786
	Cane-sugar refining.....	1	---		Electrotyping and stereotyping, not done in printing establishments.....	6	---
	Cheese.....	2	---		Newspapers: publishing without printing.....	2	---
	Chocolate and cocoa products.....	3	164		Periodicals: publishing and printing.....	9	217
	Condensed and evaporated milk.....	1	---	9	Chemicals not elsewhere classified.....	3	9
	Cured fish.....	2	---		Cleaning and polishing preparations, blackings, and dressings.....	18	---
	Custom slaughtering, wholesale.....	1	---		Coal-tar products, crude and intermediate.....	1	---
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	6	5		Colors and pigments.....	2	---
	Flour and other grain-mill products.....	2	---		Glue and gelatin.....	2	---
	Liquors, rectified or blended.....	2	---		Grease and tallow (except lubricating greases).....	4	31
	Macaroni, spaghetti, vermicelli, and noodles.....	3	---		Linseed oil, cake, and meal.....	1	---
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	4	180		Lubricating oils and greases—not made in petroleum refineries.....	10	---
	Preserves, jams, jellies, and fruit butters.....	1	---		Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	---
	Special dairy products.....	2	---		Perfumes, cosmetics, and other toilet preparations.....	2	---
3	Batting, padding, and wadding; upholstery filling.....	3	41		Printing ink.....	3	---
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1	---		Soap and glycerin.....	7	---
	Cloth sponging and miscellaneous special finishing.....	1	---		Boycan oil, cake, and meal.....	1	---
	Cordage and twine.....	1	---		Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	---
	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	2	---	10	Fuel briquets.....	2	---
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	3	266		Oven coke and coke-oven byproducts.....	1	---
	Hosiery—full-fashioned.....	3	---	12	Leather goods not elsewhere classified.....	2	---
	Hosiery—seamless.....	1	---		Leather: tanned, curried, and finished—contract factories.....	2	---
	Knitted gloves.....	1	---		Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.....	14	2,799
	Knitted underwear.....	3	---		Saddlery, harness, and whips.....	2	---
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	2	---		Small leather goods.....	3	---
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	1	---		Women's pocketbooks, handbags, and purses.....	1	---
4	Clothing, leather and sheep-lined.....	5	---	13	Abrasive wheels, stones, paper, cloth, and related products.....	1	---
	Coats, suits, and skirts (except fur coats)—made in inside factories, or by jobbers engaging contractors.....	1	---		Clay refractories, including refractory cement (clay).....	1	---
	Curtains, draperies, and bedspreads—contract factories.....	1	---		Floor and wall tile (except quarry tile).....	1	---
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	---		Minerals and earths, ground or otherwise treated.....	1	---
	Embroideries, other than Schiffl-machine products—contract factories.....	1	---		Mineral wool.....	1	---
	Fur coats and other fur garments, accessories, and trimmings.....	8	58		Mirrors and other glass products made of purchased glass.....	8	---
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	7	---		Pottery products not elsewhere classified.....	1	---
	Housefurnishings (except curtains, draperies, and bedspreads).....	2	---		Steam and other packing; pipe and boiler covering.....	2	---
	Men's and boys' hats and caps (except felt and straw).....	3	23		Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1	---
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.....	1	---	14	Automobile stampings.....	3	---
	Men's neckwear—made in inside factories or by jobbers engaging contractors.....	1	---		Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2	---
	Millinery.....	4	247		Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	8	---
	Miscellaneous fabricated textile products not elsewhere classified.....	2	---		Doors, window sash, frames, molding, and trim (made of metal).....	1	---
	Raincoats and other waterproof garments (except oiled cotton).....	2	---		Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware).....	9	1,005
	Suspenders, garters, and other goods made from purchased elastic material.....	1	---		Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	2	---
	Textile bags—not made in textile mills.....	3	---		Heating and cooking apparatus, except electric, not elsewhere classified.....	4	---
	Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	2	---		Malleable-iron castings.....	6	822
	Trousers (semidress), wash suits, and washable service apparel.....	1	---		Safes and vaults.....	1	---
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	---		Stamped and pressed metal products (except automobile stampings).....	18	---
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	3	80		Steam fittings, regardless of material.....	7	---
	Work gloves and mittens: cloth, cloth and leather combined.....	1	---		Steel works and rolling mills.....	2	---
					Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	980
					Tin cans and other tinware not elsewhere classified.....	2	---
					Tools (except edge tools, machine tools, files, and saws).....	6	165
					Wire drawn from purchased rods.....	1	---
					Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1	---

See footnote at end of table.

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

Group No. 1	TITLE	Number of establishments	Wage earners	Group No. 1	TITLE	Number of establishments	Wage earners
MILWAUKEE INDUSTRIAL AREA—Continued				CITY OF MILWAUKEE—Continued			
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	3	1,045	3	Hosiery—full-fashioned.....	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	4			Hosiery—seamless.....	1	
	Electroplating, plating, and polishing.....	11			Knitted gloves.....	1	
	Engraving on metal (except for printing purposes).....	2			Knitted underwear.....	2	
	Jewelry (precious metals).....	7			Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.....	2	
	Nonferrous-metal products not elsewhere classified.....	9	267		Woolen and worsted manufactures—regular factories or jobbers engaging contractors.....	1	
	Secondary smelting and refining, gold, silver, and platinum.....	1		4	Clothing, leather and sheep-lined.....	5	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	2			Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.....	1	
	Sheet-metal work not specifically classified.....	21	634		Curtains, draperies, and bedspreads—contract factories.....	1	
16	Automotive electrical equipment.....	1			Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.....	1	
	Batteries, storage and primary (dry and wet).....	4	665		Embroideries, other than Schiffli-machine products—contract factories.....	1	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1			Fur coats and other fur garments, accessories, and trimmings.....	8	58
	Communication equipment.....	3			House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....	6	827
	Electrical appliances.....	2			Housefurnishings (except curtains, draperies, and bedspreads).....	2	
	Electrical products not elsewhere classified.....	7	110		Men's and boys' hats and caps (except felt and straw).....	3	23
	Electrical 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.....	1	
	Wiring devices and supplies.....	1			Men's neckwear—made in inside factories or by jobbers engaging contractors.....	1	
	X-ray and therapeutic apparatus and electronic tubes.....	2			Millinery.....	4	247
17	Blowers; exhaust and ventilating fans.....	2			Miscellaneous fabricated textile products not elsewhere classified.....	2	
	Cars and trucks, industrial.....	1			Raincoats and other waterproof garments (except oiled cotton).....	2	
	Commercial laundry, dry-cleaning, and pressing machinery.....	2			Suspenders, garters, and other goods made from purchased elastic material.....	1	
	Elevators, escalators, and conveyors.....	5			Textile bags—not made in textile mills.....	3	
	Food-products machinery.....	7	682		Trimnings (not made in textile mills), stamped art goods, and art needlework—contract factories.....	2	
	Machine tools.....	5	1,307		Trousers (semidress), wash suits, and washable service apparel.....	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	2			Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.....	1	
	Mechanical power-transmission equipment.....	8	573		Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....	3	80
	Mining machinery and equipment.....	1			Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.....	8	
	Office and store machines not elsewhere classified.....	3			Work gloves and mittens: cloth, cloth and leather combined.....	1	
	Paper-mill, pulp-mill, and paper-products machinery.....	2		6	Cigar boxes: wooden, part wooden.....	1	
	Pumping equipment and air compressors.....	5	160		Household furniture, except upholstered.....	5	108
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	4	323		Lasts and related products.....	1	
	Scales and balances.....	1			Office furniture.....	2	
	Stokers, mechanical domestic and industrial.....	1			Partitions, shelving, cabinet work, and office and store fixtures.....	10	140
	Woodworking machinery.....	2			Public-building furniture.....	1	
19	Cars and car equipment—railroad, street, and rapid-transit.....	3			Venetian blinds.....	1	
	Motorcycles, bicycles, and parts.....	2			Window and door screens and weather strip.....	1	
	Shipbuilding and ship repairing.....	1			Window shades.....	4	
	Transportation equipment not elsewhere classified.....	1			Wooden boxes except cigar boxes.....	5	
20	Brooms.....	4			Wood products not elsewhere classified.....	1	
	Fabricated plastic products, not elsewhere classified.....	1		7	Coated and glazed paper.....	2	
	Furs, dressed and dyed.....	1			Converted paper products not elsewhere classified.....	3	258
	Hand stamps, stencils, and brands.....	2			Die-cut paper and paperboard, and converted cardboard.....	1	
	Lamp shades.....	1			Envelopes.....	4	107
	Musical instruments, parts, and materials not elsewhere classified.....	1			Paper and paperboard mills.....	1	
	Ophthalmic goods: lenses and fittings.....	1			Paper bags, except those made in paper mills.....	1	
	Piano and organ parts and materials.....	1			Pulp goods (pressed, molded).....	2	
	Professional and scientific instruments (except surgical and dental).....	1		8	Electrotyping and stereotyping, not done in printing establishments.....	6	
	Soda fountains, beer dispensing equipment, and related products.....	1			Newspapers: publishing and printing.....	9	771
					Newspapers: publishing without printing.....	1	
CITY OF MILWAUKEE				9	Chemicals not elsewhere classified.....	2	
1	Baking powder, yeast, and other leavening compounds.....	2			Colors and pigments.....	2	
	Biscuit, crackers, and pretzels.....	4			Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.....	7	48
	Candy and other confectionery products.....	19			Drugs and medicines (including drug grinding).....	8	
	Cane-sugar refining.....	1			Fertilizers.....	2	
	Cheese.....	1			Glue and gelatin.....	1	
	Chocolate and cocoa products.....	2			Grease and tallow (except lubricating greases).....	2	
	Cured fish.....	2			Lined oil, cake, and meal.....	1	
	Custom slaughtering, wholesale.....	1			Lubricating oils and greases—not made in petroleum refineries.....	8	29
	Flavoring extracts and flavoring sirups, not elsewhere classified.....	1			Mucilage, paste, and other adhesives, except glue and rubber cement.....	1	
	Food preparations, not elsewhere classified.....	6	5		Paints, varnishes, and lacquers.....	11	608
	Liquors, rectified or blended.....	14	110		Perfumes, cosmetics, and other toilet preparations.....	2	
	Macaroni, spaghetti, vermicelli, and noodles.....	2			Printing ink.....	3	
	Meat packing, wholesale.....	14			Soybean oil, cake, and meal.....	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings.....	2			Tanning materials, natural dyestuffs, mordants, assistants, and sizes.....	1	
	Poultry dressing and packing, wholesale.....	6					
	Prepared feeds (including mineral) for animals and fowls.....	4					
	Preserves, jams, jellies, and fruit butters.....	1					
3	Batting, padding, and wadding; upholstery filling.....	3	41				
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.....	1					
	Cloth sponging and miscellaneous special finishing.....	1					
	Cordage and twine.....	1					
	Dyeing and finishing cotton, rayon, silk, and linen textiles.....	2					
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).....	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 MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939—Continued

Group No. ¹	TITLE	Number of establishments	Wage earners	Group No. ¹	TITLE	Number of establishments	Wage earners
	CITY OF MILWAUKEE—Continued				CITY OF MILWAUKEE—Continued		
10	Fuel briquets.....	1		15	Secondary smelting and refining, gold, silver, and platinum.....	1	
	Oven coke and coke-oven byproducts.....	1			Secondary smelting and refining of nonferrous metals, not elsewhere classified.....	1	
11	Rubber products not elsewhere classified.....	6	65		Sheet-metal work not specifically classified.....	20	
12	Leather goods not elsewhere classified.....	2		16	Automotive electrical equipment.....	1	
	Saddlery, harness, and whips.....	2			Batteries, storage and primary (dry and wet).....	3	
	Small leather goods.....	3			Carbon products for the electrical industry, and manufactures of carbon or artificial graphite.....	1	
	Suitcases, brief cases, bags, trunks, and other luggage.....	4	63		Communication equipment.....	1	
	Women's pocketbooks, handbags, and purses.....	1			Electrical products not elsewhere classified.....	3	47
13	Abrasive wheels, stones, paper, cloth, and related products.....	1			Radio, radio tubes, and phonographs.....	2	
	Clay refractories, including refractory cement (clay).....	1			X-ray and therapeutic apparatus and electronic tubes.....	2	
	Minerals and earths, ground or otherwise treated.....	1		17	Cars and trucks, industrial.....	1	
	Mirrors and other glass products made of purchased glass.....	8			Commercial laundry, dry-cleaning, and pressing machinery.....	3	
	Statuary and art goods (except stone and concrete)—factory production.....	5			Construction and similar machinery (except mining and oil-field machinery and tools).....	2	
	Steam and other packing; pipe and boiler covering.....	2			Elevators, escalators, and conveyors.....	5	595
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.....	1			Food-products machinery.....	4	85
14	Automobile stampings.....	2			Internal-combustion engines.....	5	2,052
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.....	2			Machine-shop repairs.....	10	35
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools.....	3	39		Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).....	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).....	6	612		Mechanical power-transmission equipment.....	7	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills.....	2			Metalworking machinery and equipment, not elsewhere classified.....	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.....	2			Office and store machines not elsewhere classified.....	2	
	Hardware not elsewhere classified.....	3	233		Printing-trades machinery and equipment.....	4	
	Heating and cooking apparatus, except electric, not elsewhere classified.....	2			Pumping equipment and air compressors.....	5	190
	Malleable-iron castings.....	1			Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.....	3	
	Power boilers and associated products.....	6	109		Scales and balances.....	1	
	Safes and vaults.....	1		18	Special-industry machinery, not elsewhere classified.....	3	
	Stamped and pressed metal products (except automobile stampings).....	15	903		Tractors.....	2	
	Steam fittings, regardless of material.....	7			Woodworking machinery.....	2	
	Steel works and rolling mills.....	1		19	Motor vehicles, motor-vehicle bodies, parts and accessories.....	10	6,249
	Stoves, ranges, water heaters, and hot-air furnaces (except electric).....	5	980		Cars and car equipment—railroad, street, and rapid-transit.....	2	
	Tin cans and other tinware not elsewhere classified.....	1			Motorcycles, bicycles, and parts.....	2	
	Tools (except edge tools, machine tools, files, and saws).....	4		20	Brooms.....	4	
	Wirework not elsewhere classified.....	7			Fabricated plastic products, not elsewhere classified.....	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.....	1			Furs, dressed and dyed.....	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum.....	2			Games and toys (except dolls and children's vehicles).....	4	98
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified.....	2			Hand stamps, stencils, and brands.....	2	
	Engraving on metal (except for printing purposes).....	2			Lamp shades.....	1	
	Jewelry (precious metals).....	7			Musical instruments, parts, and materials not elsewhere classified.....	1	
					Ophthalmic goods: lenses and fittings.....	1	
					Piano and organ parts and materials.....	1	
					Professional and scientific instruments (except surgical and dental).....	1	
					Soda fountains, beer dispensing equipment, and related products.....	1	

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