Chapter III.—PERSONNEL

INTRODUCTION

This chapter presents complete detailed statistics on persons employed in manufacturing establishments, and on their salaries and wages. The personnel of central-administrative offices are not included and consequently the figures for officers and salaried employees do not represent the total numbers of such persons whose duties are concerned wholly or chiefly with manufacturing.

Separate data on distribution, construction, and other nonmanufacturing employees on the pay rolls of manufacturing establishments were collected for the first time at the census for 1939. (Salaried officers of corporations were not allocated to any of these employment groups.) At prior censuses no distinction was made between manufacturing and nonmanufacturing employees, and for this reason it cannot be ascertained to what extent data for nonmanufacturing employees were included in the figures reported. It is assumed, however, that to some extent such data were included, especially in the cases of establishments in which the duties of some employees were not clearly defined as between the two categories of employment. For some industries it will be found that decreases in the figures for manufacturing employees for 1939 as compared with employment figures for earlier years are accompanied by substantial figures for distribution employees, which suggests that data for at least some of the latter were included in the figures for prior years.

The questionnaires defined distribution employees as those "who devote all or the major portion of their time to selling, advertising, sales promotion, credit, collecting, billing, installing or servicing goods sold, and other distribution activities." The instructions that accompanied the questionnaires specified that the personnel "of a sales branch set up as a distinct unit of the company" were not to be reported as employees of the manufacturing establishment. It is obvious that in many cases some of the functions specified in the definition of distribution employees would be performed by employees also engaged in other work, such as keeping personnel records. In such cases the manufacturer would use his judgment in deciding where to report these employees. This would doubtless apply also to wage earners, especially in regard to installing or servicing goods sold. As the definition of distribution employees did not restrict the inquiry to such employees working at the plant or factory, it is possible that in some cases data for field representatives and traveling salesmen carried on the factory pay roll were included.

Nonmanufacturing employees were not distributed as between salaried employees and wage earners, and consequently no direct comparison can be made between the wage-earner figures for 1939 and those for earlier years. The phrase "employed in manufacturing establishments," in this report, refers to both manufacturing and nonmanufacturing employees, whereas the phrase "engaged in manufacturing" refers to manufacturing employees only.

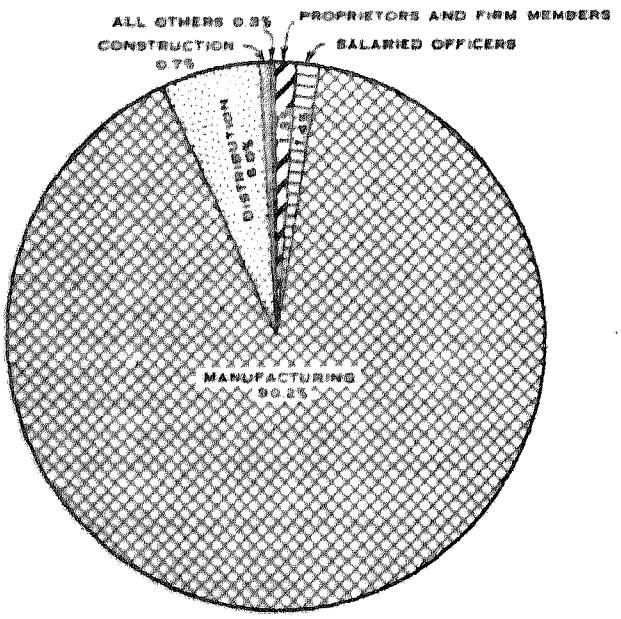
Salaried officers, whose duties relate to all the activities of the establishment or organization, have not been assigned to any one of the employment groups. The officers reported for 1937 were those whose duties were "concerned wholly or chiefly with manufacturing." As this restricting clause did not appear in the 1939 questionnaire, nor in those for years prior to 1937, it is reasonable to assume that the 1937 figures are not strictly comparable with those for other years.

The number of wage earners reported for October 14 is not the same as the average for the year. The October figure may represent a period of maximum employment in some industries and of minimum employment in others, whereas the average for the year, calculated by dividing the sum of the numbers reported for the several months by 12, represents neither maximum nor minimum. (The fluctuations in wage-earner employment throughout the year are shown, by months, in tables 8 and 9.)

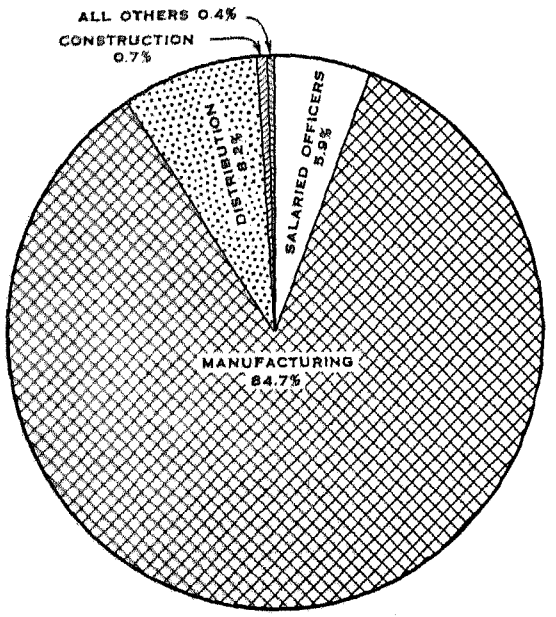
The census questionnaires do not distinguish between full-time and part-time employment, and consequently it is impossible to calculate the equivalent of full-time employment represented by the wage-earner figures, and the true average wage cannot be calculated by dividing the number of wage earners into the total wages. The average for the year is the average of the wage earners receiving pay *at any time* within the normal pay-roll period ended nearest the fifteenth of each month. The proportion of part-time employment doubtless varied from one industry to another and also from month to month, but this is not reflected in the statistics.

PERSONNEL OF MANUFACTURING ESTABLISHMENTS AND THEIR SALARIES AND WAGES, BY CLASS OF EMPLOYMENT.☆

PERCENT DISTRIBUTION OF PERSONNEL



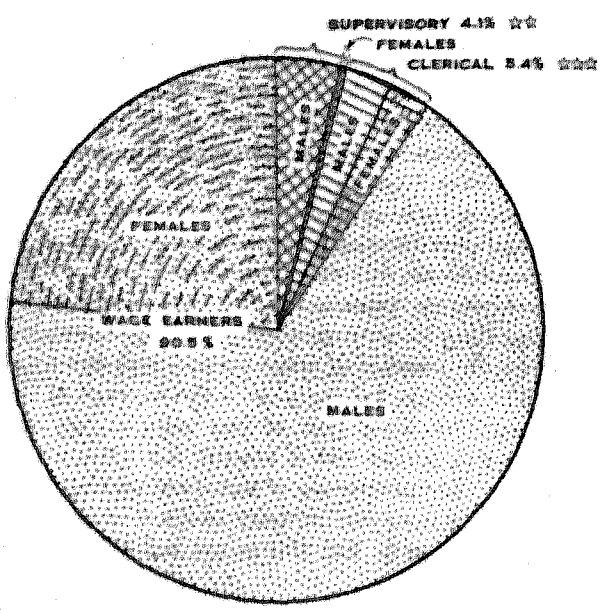
PERCENT DISTRIBUTION OF SALARIES AND WAGES



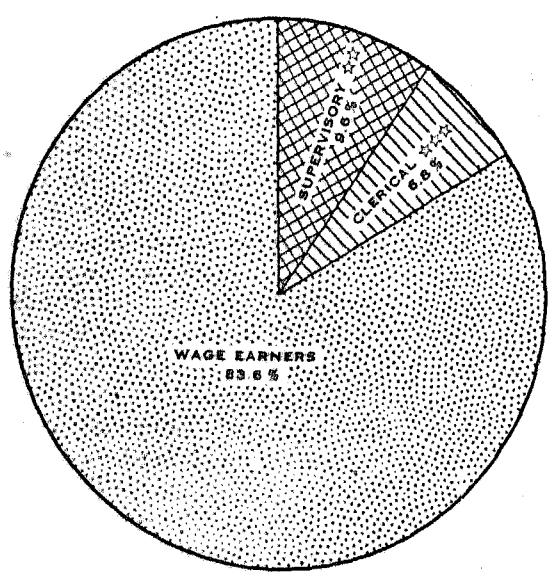
☆ NOT INCLUDING PERSONNEL OF CENTRAL ADMINISTRATIVE OFFICES.

PERSONS ENGAGED IN MANUFACTURING AND THEIR SALARIES AND WAGES, BY CLASS OF EMPLOYMENT☆ (REPORTED FOR NORMAL PAYROLL PERIOD ENDED NEAREST OCTOBER 14, 1939)

PERCENT DISTRIBUTION OF PERSONNEL, BY SEX



PERCENT DISTRIBUTION OF SALARIES AND WAGES



☆ NOT INCLUDING SALARIED OFFICERS OF CORPORATIONS, EMPLOYEES OF CENTRAL ADMINISTRATIVE OFFICES, NOR PERSONS ENGAGED IN DISTRIBUTION, CONSTRUCTION, OR OTHER NONMANUFACTURING ACTIVITIES.

☆☆ MANAGERS, SUPERINTENDENTS, OTHER SUPERVISORY EMPLOYEES, AND RESPONSIBLE PROFESSIONAL AND TECHNICAL EMPLOYEES.

☆☆☆ CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES.

TABLE 1.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY OCCUPATIONAL STATUS AND SEX: 1899 TO 1939

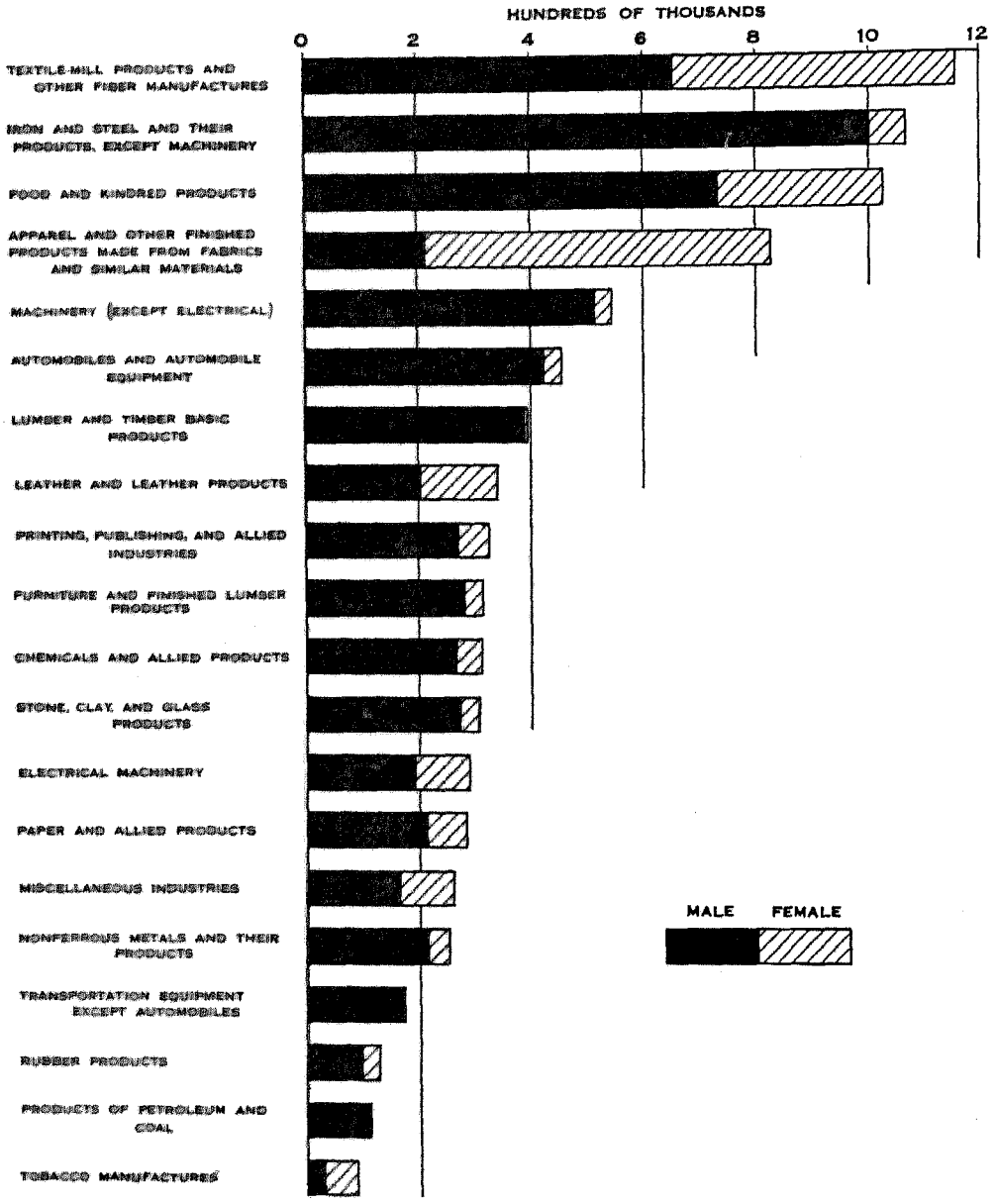
[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were 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; for 1919, 1914, and 1909 the date was Dec. 15, and for earlier years an average was used. 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. For years prior to 1929, the *total* number of wage earners is the average for the year. See GENERAL EXPLANATIONS—Persons engaged—general classification]

OCCUPATIONAL STATUS AND SEX	1939	1929	1919 [1]	1914 [1]	1909 [1]	1904 [1]	1899 [1]
Persons employed, aggregate number	[2] 10,538,419	9,794,316	10,812,736	8,263,063	7,678,578	6,213,612	(3)
Male	(4)	7,582,459	8,583,720	6,613,376	6,162,263	(3)	(3)
Female	(4)	2,211,857	2,229,016	1,649,687	1,516,315	(3)	(3)
Proprietors and firm members, total	122,655	132,687	269,137	262,599	273,265	225,673	(4)
Male	(3)	127,317	258,894	252,430	263,673	(4)	(4)
Female	(3)	5,370	10,243	10,169	9,592	(4)	(4)
Salaried officers and employees, total	1,736,356	1,296,037	1,447,227	964,217	790,267	519,556	364,120
Male	1,327,992	930,621	1,057,796	770,039	646,297	(4)	(4)
Female	408,364	359,416	389,431	194,178	143,970	(4)	(4)
Salaried officers of corporations, total	139,359	153,192	132,467	92,671	80,735	60,047	(4)
Male	129,346	144,967	127,074	89,749	78,937	(4)	(4)
Female	10,004	8,225	5,393	2,922	1,798	(4)	(4)
All other salaried employees (except wage earners in manufacturing), total	1,597,006	1,136,845	1,314,760	871,546	709,532	459,509	(4)
Male	1,198,646	785,654	930,722	680,290	567,360	381,181	(4)
Female	398,360	351,191	384,038	191,256	142,172	78,328	(4)
Engaged in manufacturing:							
Male	661,186						
Female	248,071						
Engaged in distribution:							
Male	438,602						
Female	144,762	(4)	(4)	(4)	(4)	(4)	(4)
Engaged in construction:							
Male	70,887						
Engaged in other work:							
Male	27,971						
Female	5,527						
Wage earners engaged in manufacturing, total	8,678,408	8,371,592	9,096,372	7,036,247	6,615,046	[5] 5,468,383	[6] 4,712,763
Male	6,442,822	6,524,521	7,267,039	5,590,907	5,252,293	[7] 4,242,643	[8] 3,632,977
Female	2,235,586	1,847,071	1,829,342	1,445,340	1,362,753	[7] 1,065,855	[8] 918,510

[1] The figures include data for establishments with products valued at $500 to $5,000. Such data are not included in the figures for 1929 and 1939.
[2] This figure differs from the grand total shown in other tables, for the reason that data for proprietors and firm members (which were not reported by sex) are here included.
[3] Data incomplete.
[4] No data.
[5] Includes data for 159,885 children under 16, not distributed by sex.
[6] Includes data for 161,276 children under 16, not distributed by sex.
[7] Not including data for children under 16. See footnote 5.
[8] Not including data for children under 16. See footnote 6.

WAGE EARNERS ENGAGED IN MANUFACTURING, BY SEX, BY INDUSTRY GROUPS: 1939

(As reported for payroll period ended nearest October 14, 1939)



Prepared by the Bureau of the Census, Department of Commerce

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees on the pay roll on October 14, including those engaged wholly or chiefly in dis personnel reported for earlier years. (See GENERAL EXPLA

	No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
1		**All industries**	**10,414,764**	**7,770,814**	**2,643,950**	**139,550**	**129,346**	**10,004**	**9,587,665**	**7,104,006**	**2,483,657**	**583,364**	**438,602**	**144,762**
		INDUSTRY GROUPS												
2	1	Food and kindred products	1,335,157	982,653	352,504	20,645	19,082	1,563	1,118,753	800,457	318,296	173,885	142,891	30,994
3	2	Tobacco manufactures	99,418	37,044	62,374	412	387	25	95,253	33,311	61,942	3,101	2,793	308
4	3	Textile-mill products and other fiber manufactures	1,237,639	711,205	526,364	8,111	7,628	483	1,211,354	690,934	520,420	14,805	9,626	5,179
5	4	Apparel and other finished products made from fabrics and similar materials	925,637	277,651	648,006	15,572	14,466	1,106	864,710	231,303	633,407	42,720	29,866	12,854
6	5	Lumber and timber basic products	430,988	422,971	8,017	4,669	4,469	191	412,982	406,611	6,371	8,962	7,704	1,258
7	6	Furniture and finished lumber products	367,353	322,843	44,510	7,501	7,020	481	340,771	300,951	39,820	17,558	13,476	4,082
8	7	Paper and allied products	304,651	234,130	90,521	4,225	3,908	317	310,086	234,817	75,269	14,808	10,052	4,756
9	8	Printing, publishing, and allied industries	556,661	426,203	130,458	18,937	17,113	1,824	452,751	345,172	107,579	84,108	63,093	21,015
10	9	Chemicals and allied products	431,336	360,712	71,624	8,204	7,476	728	369,129	310,236	58,893	40,614	29,019	11,595
11	10	Products of petroleum and coal	146,279	143,799	2,480	561	537	24	130,039	128,056	1,983	4,014	3,576	438
12	11	Rubber products	159,384	119,761	39,623	902	847	55	148,120	111,420	36,700	8,568	5,741	2,827
13	12	Leather and leather products	375,482	228,641	146,841	3,982	3,751	231	363,179	216,993	146,186	7,864	5,454	2,410
14	13	Stone, clay, and glass products	359,208	315,970	43,238	5,487	5,172	315	336,288	296,256	40,032	13,318	10,586	2,732
15	14	Iron and steel and their products, except machinery	1,227,390	1,133,654	93,736	11,918	11,250	668	1,171,551	1,087,441	84,110	33,145	24,510	8,635
16	15	Nonferrous metals and their products	307,562	259,488	48,074	4,975	4,625	351	282,923	240,242	42,681	14,030	9,271	4,759
17	16	Electrical machinery	368,753	249,657	119,096	2,759	2,577	182	344,741	232,341	112,400	17,973	11,787	6,186
18	17	Machinery (except electrical)	703,359	648,895	55,463	11,287	10,539	748	639,418	591,946	47,472	44,140	32,415	11,725
19	18	Automobiles and automobile equipment	346,062	474,763	41,299	1,327	1,250	77	499,490	462,229	37,261	14,143	10,248	3,895
20	19	Transportation equipment except automobiles	205,601	196,849	8,752	1,113	1,068	45	200,728	195,783	4,945	2,719	1,996	723
21	20	Miscellaneous industries	328,803	211,863	116,970	6,771	6,181	590	295,399	187,509	107,890	22,889	14,498	8,391
		INDUSTRIES												
22	13	Abrasive wheels, stones, paper, cloth, and related products	12,200	9,785	2,415	205	190	15	10,259	8,316	1,943	1,120	770	350
23	17	Agricultural machinery (except tractors)	33,949	32,385	1,564	416	377	33	31,953	30,741	1,212	1,345	1,042	303
24	19	Aircraft and parts, including aircraft engines	71,623	69,143	2,479	348	336	12	69,690	67,578	2,112	1,172	853	319
25	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	53,436	49,769	3,667	244	236	8	50,071	46,900	3,171	1,540	1,066	474
26	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	23,144	21,491	1,653	118	112	6	22,101	20,531	1,570	247	174	73
27	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	8,100	5,758	2,342	57	54	3	6,975	5,141	1,834	1,026	544	482
28	9	Ammunition	5,982	4,985	1,997	15	15	-------	5,671	3,858	1,813	264	191	73
29	3	Artificial leather and oilcloth	5,374	5,029	345	62	60	2	4,893	4,685	208	375	242	133
30	20	Artists' materials	657	517	140	31	29	2	546	440	106	80	48	32
31	15	Asbestos products (except steam packing and pipe and boiler covering)	13,009	11,431	1,578	90	85	5	11,956	10,628	1,328	725	485	240
32	14	Automobile stampings	11,329	9,178	2,151	156	150	6	10,931	8,852	2,079	205	142	63
33	18	Automobile trailers (for attachment to passenger cars)	1,786	1,724	62	46	41	5	1,647	1,617	30	89	63	26
34	16	Automotive electrical equipment	22,429	15,816	6,613	100	87	13	21,696	15,314	6,382	546	346	200
35	1	Baking powder, yeast, and other leavening compounds	4,623	3,950	673	49	45	4	2,790	2,217	573	992	898	94
36	6	Baskets for fruits and vegetables	10,019	7,739	2,280	104	99	5	9,770	7,504	2,266	126	117	9
37	16	Batteries, storage and primary (dry and wet)	21,496	17,396	4,100	161	147	14	20,062	16,286	3,776	1,149	874	275
38	3	Batting, padding, and wadding; upholstery filling	6,088	5,114	974	119	115	4	5,731	4,802	929	235	194	41
39	20	Beauty-shop and barber-shop equipment	2,930	1,662	1,268	99	87	12	2,423	1,387	1,036	408	188	220
40	10	Beehive coke	1,515	1,513	2	6	6	-------	1,502	1,500	2	4	4	-------
41	1	Beet sugar	29,435	28,768	667	34	32	2	28,964	28,310	654	1	-------	1
42	4	Belts (apparel), regardless of material	5,475	2,923	2,552	186	176	10	4,805	2,369	2,436	467	364	103
43	1	Biscuit, crackers, and pretzels	36,675	20,229	16,446	307	289	18	31,999	16,258	15,741	3,846	3,226	620
44	14	Blast-furnace products	26,149	26,061	88	21	21	-------	25,549	25,467	82	31	27	4
45	1	Blended and prepared flour made from purchased flour	1,144	1,019	125	46	44	2	875	777	98	222	197	25
46	17	Blowers, exhaust and ventilating fans	5,652	5,227	425	93	90	3	4,732	4,589	143	724	466	258
47	9	Bluing	129	99	31	10	9	1	78	49	29	27	26	1
48	19	Boat building and boat repairing	2,628	2,501	127	92	84	8	2,473	2,382	91	63	35	28
49	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	18,679	15,774	2,905	257	244	13	17,683	15,045	2,638	718	464	254
50	9	Bone black, carbon black, and lampblack	1,934	1,921	13	17	17	-------	1,790	1,778	12	26	25	1
51	8	Bookbinding and related industries	33,174	19,200	13,974	975	875	100	29,293	16,749	12,454	1,957	1,537	420
52	8	Books: printing without publishing	20,389	16,162	4,227	885	806	79	18,042	14,151	3,891	1,590	1,333	257
53	8	Books: publishing and printing	8,789	5,795	2,994	215	202	13	7,473	4,848	2,625	1,087	731	356
54	8	Books: publishing without printing	12,142	6,383	5,759	676	602	74	6,339	2,851	3,488	5,127	3,130	1,997
55	12	Boot and shoe cut stock and findings	21,421	14,814	6,607	474	438	36	20,453	14,000	6,453	471	353	118
56	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	259,404	208,493	41,911	3,094	2,789	305	217,956	192,173	25,783	24,720	9,295	15,425
57	13	Brick and hollow structural tile	35,574	35,277	297	698	663	35	33,560	33,289	271	1,096	1,010	86
58	20	Brooms	4,588	3,974	614	112	104	8	4,230	3,650	580	246	220	26
59	20	Brushes	10,814	6,947	3,867	253	231	22	9,680	6,130	3,550	812	517	295
60	20	Buttons	13,694	7,910	5,784	229	216	13	12,917	7,271	5,646	442	317	125

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939

tribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures for manufacturing NATIONS——Persons engaged—general classification)]

Construction, total (males)	ALL OTHER			MANUFACTURING												
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
70,887	33,498	27,971	5,527	9,587,665	7,104,008	2,483,657	388,012	371,969	16,043	521,245	289,217	232,028	8,678,408	6,442,822	2,235,586	7,886,567	1
8,626	13,248	11,597	1,651	1,118,753	800,457	318,296	42,474	40,815	1,659	50,054	25,266	24,788	1,026,225	734,376	291,849	823,693	2
148	504	405	99	95,253	33,311	61,942	2,603	2,292	311	1,742	908	834	90,908	30,111	60,797	87,525	3
1,771	1,589	1,307	282	1,211,354	690,934	520,420	27,329	25,679	1,650	27,244	11,002	16,242	1,156,781	654,253	502,528	1,082,602	4
443	2,212	1,573	639	864,710	231,303	633,407	16,217	11,508	4,709	20,923	4,356	16,567	827,570	215,439	612,131	751,377	5
3,099	1,285	1,088	197	412,982	406,611	6,371	11,391	11,352	39	8,565	5,645	2,920	393,026	389,614	3,412	360,613	6
710	813	686	127	340,771	300,951	39,820	12,304	12,014	290	12,500	5,474	7,026	315,967	283,463	32,504	293,570	7
4,933	599	420	179	310,086	234,817	75,269	13,021	12,568	453	13,819	7,096	6,723	283,246	215,153	68,093	264,716	8
749	116	76	40	452,751	345,172	107,579	26,265	24,044	2,221	97,795	50,896	46,899	328,691	270,232	58,459	324,535	9
11,131	2,258	1,850	408	369,129	310,236	58,893	29,193	28,228	965	25,713	13,962	11,751	314,223	268,046	46,177	287,136	10
10,851	814	779	35	130,639	128,056	1,983	9,551	9,516	35	8,436	6,817	1,619	112,652	111,723	329	105,428	11
1,552	242	201	41	148,120	111,420	36,700	7,450	7,206	244	10,284	5,848	4,436	130,386	98,366	32,020	120,740	12
374	83	69	14	363,179	216,993	146,186	9,500	8,930	570	10,391	2,166	8,225	343,288	205,897	137,391	327,663	13
3,408	707	548	159	336,288	296,256	40,032	14,471	14,278	193	12,981	7,389	5,592	308,836	274,589	34,247	287,522	14
9,593	1,183	860	323	1,171,551	1,087,441	84,110	46,524	46,071	453	58,683	41,261	17,422	1,066,344	1,000,109	66,235	966,367	15
3,479	2,154	1,871	283	282,923	240,242	42,681	12,425	12,262	163	16,411	8,662	7,749	254,087	219,318	34,769	228,753	16
2,109	1,171	843	328	344,741	232,341	112,400	21,971	21,392	579	32,798	19,199	13,599	289,972	191,750	98,222	256,467	17
3,340	3,174	2,656	518	639,418	591,946	47,472	39,690	39,382	308	55,686	36,637	19,049	544,042	515,927	28,115	522,980	18
307	795	729	66	499,490	462,229	37,261	21,254	21,031	223	23,630	16,448	7,182	454,606	424,750	29,856	398,963	19
795	246	207	39	200,728	195,783	4,945	11,835	11,780	55	15,263	12,059	3,204	173,630	171,944	1,686	157,097	20
3,469	305	206	99	295,399	187,509	107,890	12,544	11,621	923	18,327	8,126	10,201	264,528	167,762	96,766	238,827	21
392	224	117	107	10,259	8,316	1,943	573	547	26	1,073	547	526	8,613	7,222	1,391	7,734	22
82	79	63	16	31,953	30,741	1,212	2,152	2,141	11	3,024	2,169	855	26,777	26,431	346	27,806	23
282	131	104	27	69,690	67,578	2,112	5,910	5,886	24	7,513	6,633	1,480	56,267	55,659	608	48,638	24
1,441	110	96	14	50,071	46,900	3,171	1,766	1,762	4	3,353	2,072	1,281	44,952	43,066	1,886	38,816	25
603	75	71	4	22,101	20,531	1,570	1,043	1,038	5	1,822	1,226	596	19,236	18,267	969	17,249	26
4	38	15	23	6,975	5,141	1,834	371	369	2	460	219	241	6,144	4,553	1,591	6,297	27
20	12	1	11	5,671	3,858	1,813	309	302	7	363	151	212	4,999	3,465	1,534	4,264	28
38	6	4	2	4,893	4,685	208	269	266	3	303	171	132	4,321	4,248	73	3,976	29
--------	--------	--------	--------	546	440	106	59	56	3	47	13	34	440	371	69	397	30
232	6	1	5	11,956	10,628	1,328	663	661	2	521	313	208	10,772	9,654	1,118	9,979	31
33	4	1	3	10,931	8,852	2,079	566	562	4	520	293	227	9,845	7,997	1,848	8,597	32
1	3	2	1	1,647	1,617	30	68	68	--------	63	36	27	1,516	1,513	3	1,426	33
6	75	57	18	21,696	15,314	6,382	982	974	8	1,773	1,095	678	18,941	13,245	5,696	17,495	34
180	12	10	2	2,790	2,217	573	250	238	12	206	111	95	2,334	1,868	466	2,334	35
19	--------	--------	--------	9,770	7,504	2,266	213	211	2	134	42	92	9,423	7,251	2,172	8,648	36
40	78	43	35	20,062	16,286	3,776	942	932	10	1,262	690	572	17,858	14,664	3,194	15,634	37
--------	3	3	--------	5,731	4,802	929	187	182	5	242	122	120	5,302	4,498	804	4,505	38
--------	--------	--------	--------	2,423	1,387	1,036	175	166	9	146	44	102	2,102	1,177	925	1,986	39
--------	3	3	--------	1,502	1,500	2	27	27	--------	26	24	2	1,439	1,439	--------	685	40
73	363	353	10	28,964	28,310	654	623	622	1	820	519	301	27,521	27,169	352	19,410	41
--------	17	14	3	4,805	2,369	2,436	95	84	11	172	10	162	4,538	2,275	2,263	4,222	42
161	362	295	67	31,999	16,258	15,741	1,058	923	135	1,023	429	594	29,918	14,906	15,012	29,173	43
546	2	--------	2	25,549	25,467	82	1,143	1,137	6	747	672	75	23,659	23,658	1	19,537	44
--------	1	1	--------	875	777	98	58	57	1	72	22	50	745	698	47	706	45
21	82	61	21	4,732	4,589	143	285	285	--------	356	232	124	4,091	4,072	19	3,885	46
--------	5	5	--------	78	49	29	9	9	--------	11	3	8	58	37	21	55	47
--------	--------	--------	--------	2,473	2,382	91	75	75	--------	149	66	83	2,249	2,241	8	2,690	48
16	5	5	--------	17,683	15,045	2,638	759	744	15	1,021	572	449	15,903	13,729	2,174	14,231	49
95	6	6	--------	1,790	1,778	12	111	110	1	80	73	7	1,599	1,595	4	1,574	50
32	7	7	--------	29,203	16,749	12,454	876	810	66	2,085	630	1,455	26,242	15,309	10,933	25,690	51
72	--------	--------	--------	18,042	14,151	3,891	935	884	51	1,554	551	1,003	15,553	12,716	2,837	16,547	52
5	--------	--------	--------	7,473	4,848	2,625	368	340	28	1,073	283	790	6,032	4,225	1,807	6,091	53
--------	--------	--------	--------	6,339	2,651	3,688	692	541	151	5,507	1,991	3,516	140	119	21	135	54
22	1	1	--------	20,453	14,000	6,453	650	611	39	330	128	702	18,973	13,261	5,712	18,845	55
1,007	3,627	3,229	398	217,956	192,173	25,783	6,312	6,104	208	7,298	2,735	4,563	204,346	183,334	21,012	201,533	56
275	45	40	5	33,560	33,289	271	1,106	1,102	4	673	418	255	31,781	31,769	12	29,069	57
--------	--------	--------	--------	4,230	3,650	580	107	103	4	125	44	81	3,998	3,503	495	3,787	58
69	--------	--------	--------	9,680	6,130	3,550	425	399	26	579	237	342	8,676	5,494	3,182	7,891	59
46	--------	--------	--------	12,917	7,271	5,646	412	382	30	317	85	232	12,188	6,804	5,384	10,972	60

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Code	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		EXPORTABLE—continued												
1	9	Candies	1,352	781	571	48	44	4	1,698	613	485	204	122	82
2	1	Candy and other confectionery products	70,178	27,205	42,973	959	863	96	62,523	21,606	40,917	6,154	4,272	1,882
3	1	Cane sugar—except refineries	11,446	11,259	187	74	72	2	10,982	10,798	184	15	14	1
4	1	Cane-sugar refining	17,897	16,545	1,352	24	23	1	16,884	15,605	1,279	193	150	43
5	1	Canned and dried fruits and vegetables (including canned soups)	236,867	107,721	129,146	1,131	1,030	101	232,479	104,095	128,384	2,294	1,784	510
6	1	Canned fish, crustacea, and mollusks	27,787	11,502	16,285	190	175	15	27,232	11,023	16,209	179	131	48
7	4	Canvas products (except bags)	5,819	3,818	2,001	330	294	36	4,281	2,573	1,708	1,165	908	257
8	20	Carbon paper and inked ribbons	3,035	1,976	1,059	69	62	7	2,133	1,384	749	812	509	303
9	15	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	4,357	3,663	694	50	45	5	4,135	3,494	641	147	99	48
10	3	Carpets and rugs, wool	31,020	21,491	9,529	91	86	5	29,855	20,549	9,306	1,014	786	228
11	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3,899	1,778	2,121	70	67	3	3,675	1,592	2,083	140	105	35
12	3	Carpet yarn, woolen and worsted	4,125	2,493	1,632	28	28		4,039	2,433	1,606	57	1	56
13	19	Cars and car equipment—railroad, street, and rapid-transit	30,282	29,654	628	45	45		29,932	29,342	590	192	154	38
14	17	Cars and trucks, industrial	3,918	3,665	253	92	88	4	3,397	3,273	124	419	297	122
15	6	Caskets, coffins, burial cases, and other mortisians' goods	16,526	13,108	3,418	612	556	56	13,914	10,818	3,096	2,035	1,775	260
16	14	Cast-iron pipe and fittings	18,778	18,517	261	112	109	3	18,324	18,142	182	304	239	65
17	13	Cement	30,239	29,796	443	116	112	4	28,595	28,329	266	1,066	895	171
18	1	Cereal preparations	9,481	6,664	2,817	52	50	2	8,865	6,290	2,575	410	246	164
19	1	Cheese	6,377	5,919	458	79	74	5	5,897	5,501	396	352	299	53
20	9	Chemicals not elsewhere classified	88,050	84,040	4,050	430	399	31	78,901	75,531	3,370	2,051	1,447	604
21	1	Chewing gum	3,766	2,015	1,751	38	38		3,016	1,427	1,589	653	511	142
22	4	Children's and infants' wear not elsewhere classified—made in contract factories	1,149	197	952	6	6		1,135	183	952	7	7	
23	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	5,415	935	4,480	91	86	5	5,057	624	4,433	252	212	40
24	4	Children's coats—made in contract factories	1,657	713	944	14	12	2	1,642	700	942			
25	4	Children's coats—made in inside factories or by jobbers engaging contractors	3,456	1,925	1,531	114	109	5	2,988	1,528	1,460	328	274	54
26	4	Children's dresses—made in contract factories	4,874	243	4,631	19	17	2	4,850	223	4,627	5	3	2
27	4	Children's dresses—made in inside factories or by jobbers engaging contractors	12,823	1,805	11,018	188	172	16	11,940	1,166	10,774	677	459	218
28	20	Children's vehicles	6,525	5,283	1,242	77	72	5	6,263	5,115	1,148	175	86	89
29	19	China firing and decorating (for the trade)	549	259	290	18	16	2	481	203	278	38	28	10
30	1	Chocolate and cocoa products	9,584	6,973	2,611	58	55	3	7,942	5,716	2,226	1,010	697	313
31	6	Cigar boxes: wooden, part wooden	3,499	1,893	1,606	61	49	12	3,392	1,721	1,671	39	28	11
32	2	Cigarettes	32,201	17,846	14,355	32	31	1	30,177	15,988	14,189	1,680	1,565	115
33	2	Cigars	56,127	13,081	43,046	259	243	16	54,901	12,018	42,883	829	710	119
34	13	Clay products (except pottery), not elsewhere classified	1,949	1,873	76	46	44	2	1,846	1,782	64	49	39	10
35	13	Clay refractories, including refractory cement (clay)	15,791	15,601	190	124	113	11	15,276	15,127	149	221	194	27
36	6	Cleaning and polishing preparations, blacking, and dressings	10,077	7,018	3,059	578	517	61	6,630	4,387	2,243	2,802	2,061	741
37	18	Clocks, watches, and materials and parts (except watchcases)	22,605	12,181	10,424	111	105	6	20,811	11,120	9,691	1,273	650	623
38	4	Clothing, leather and sheep-lined	6,661	2,718	3,943	106	95	11	6,313	2,468	3,845	235	148	87
39	5	Cloth sponging and miscellaneous special finishing	3,478	3,045	433	131	122	9	3,136	2,768	368	197	141	56
40	9	Coal-tar products, crude and intermediate	3,157	3,097	60	12	9	3	2,976	2,924	52	19	14	5
41	7	Coated and glazed paper	10,139	8,192	1,944	201	187	14	9,077	7,426	1,651	766	490	276
42	4	Coats, suits, and skirts (except fur coats)—made in contract factories	28,513	14,390	14,123	338	326	12	28,047	13,969	14,078	86	57	29
43	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	34,693	19,867	14,826	1,145	1,105	40	30,324	16,292	14,032	3,037	2,347	690
44	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	7,494	7,147	267	71	69	2	7,030	6,829	201	269	171	98
45	15	Collapsible tubes	2,285	764	1,521	31	30	1	2,194	693	1,501	41	22	19
46	9	Colors and pigments	8,334	7,960	374	99	88	11	7,536	7,281	255	296	208	88
47	17	Commercial laundry, dry-cleaning, and pressing machinery	3,706	3,424	276	89	86	3	3,339	3,151	188	245	168	77
48	19	Communication equipment	51,405	31,918	19,487	565	543	22	47,615	29,193	18,422	2,630	1,782	848
49	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6,549	5,961	588	68	64	4	4,784	4,713	71	1,665	1,153	512
50	13	Concrete products	23,185	22,572	611	1,033	979	54	19,815	19,430	385	2,087	1,920	167
51	1	Condensed and evaporated milk	12,012	11,159	853	126	124	2	10,807	10,030	777	641	592	49
52	17	Construction and similar machinery (except mining and oil-field machinery and tools)												
53	7	Converted paper products not elsewhere classified	24,237	23,126	1,111	350	331	19	22,076	21,315	761	1,504	1,174	330
			29,816	16,421	13,395	539	486	53	26,081	14,116	11,965	2,983	1,619	1,364

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING													
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year[1]	
----	2	2	----	1,098	613	485	58	53	5	36	11	25	1,004	549	455	840	1
190	352	274	78	62,523	21,606	40,917	1,770	1,348	422	1,946	567	1,379	58,807	19,691	39,116	49,740	2
389	6	6	----	10,982	10,798	184	291	291	----	322	232	90	10,369	10,275	94	4,217	3
266	530	501	29	16,884	15,605	1,279	836	814	22	846	684	162	15,202	14,107	1,095	14,133	4
543	420	269	151	232,479	104,095	128,384	3,173	2,899	274	3,258	1,372	1,886	226,048	99,824	126,224	98,022	5
97	89	76	13	27,232	11,023	16,209	317	292	25	321	139	182	26,594	10,592	16,002	15,735	6
25	18	18	----	4,281	2,573	1,708	254	216	38	321	112	209	3,706	2,245	1,461	3,869	7
21	----	----	----	2,133	1,384	749	117	112	5	254	94	160	1,762	1,178	584	1,741	8
24	1	1	----	4,135	3,494	641	329	325	4	313	157	156	3,493	3,012	481	3,189	9
51	9	9	----	29,855	20,549	9,306	950	921	29	1,334	690	644	27,571	18,938	8,633	25,590	10
13	1	1	----	3,675	1,592	2,083	103	95	8	144	42	102	3,428	1,455	1,973	3,137	11
1	----	----	----	4,039	2,433	1,606	86	82	4	110	52	58	3,843	2,299	1,544	3,137	12
109	4	4	----	29,932	29,342	590	1,871	1,857	14	2,048	1,602	446	26,013	25,883	130	24,523	13
2	8	5	3	3,397	3,273	124	281	279	2	236	131	105	2,880	2,853	17	2,732	14
5	20	14	6	13,914	10,818	3,096	661	576	85	835	351	484	12,418	9,891	2,527	12,447	15
8	30	19	11	18,324	18,142	182	538	535	3	571	433	138	17,215	17,174	41	16,438	16
529	33	31	2	28,595	28,329	266	1,587	1,584	3	1,965	886	179	25,943	25,859	84	23,801	17
28	126	50	76	8,865	6,290	2,575	437	410	27	522	287	235	7,906	5,593	2,313	7,458	18
26	23	19	4	5,897	5,501	396	350	348	2	313	127	186	5,234	5,025	208	5,009	19
6,104	564	519	45	78,901	75,531	3,370	7,760	7,654	106	5,886	4,023	1,863	65,255	63,854	1,401	60,268	20
7	52	32	20	3,016	1,427	1,589	144	125	19	172	65	107	2,700	1,237	1,463	2,627	21
----	1	1	----	1,135	183	952	11	9	2	9	2	7	1,115	172	943	995	22
4	11	9	2	5,057	624	4,433	90	49	41	116	20	96	4,851	555	4,296	4,365	23
----	1	1	----	1,642	700	942	9	7	2	11	2	9	1,622	691	931	1,181	24
1	25	13	12	2,988	1,528	1,460	63	56	7	166	65	101	2,759	1,407	1,352	2,130	25
----	----	----	----	4,850	223	4,627	59	24	35	28	4	24	4,763	195	4,568	4,487	26
2	16	6	10	11,940	1,166	10,774	236	114	122	347	48	299	11,357	1,004	10,353	10,646	27
10	----	----	----	6,263	5,115	1,148	186	181	5	185	69	116	5,892	4,865	1,027	4,319	28
3	----	----	----	481	203	278	14	13	1	15	5	10	452	185	267	421	29
334	240	171	69	7,942	5,716	2,226	423	399	24	302	135	167	7,217	5,182	2,035	6,461	30
4	3	1	2	3,392	1,721	1,671	57	54	3	52	30	22	3,283	1,637	1,646	3,191	31
31	281	231	50	30,177	15,988	14,189	686	653	33	667	418	249	28,824	14,917	13,907	27,426	32
33	105	77	28	54,901	12,018	42,883	1,509	1,248	261	630	257	373	52,762	10,513	42,249	50,897	33
8	----	----	----	1,846	1,782	64	61	61	----	53	16	37	1,732	1,705	27	1,651	34
138	32	29	3	15,276	15,127	149	559	559	----	370	246	124	14,347	14,322	25	12,211	35
33	34	20	14	6,630	4,387	2,243	510	488	22	893	217	676	5,227	3,682	1,545	5,128	36
114	296	192	104	20,811	11,120	9,691	802	795	7	813	291	522	19,196	10,034	9,162	17,878	37
5	2	2	----	6,313	2,468	3,845	139	121	18	196	26	170	5,978	2,321	3,657	4,672	38
----	14	14	----	3,136	2,768	368	128	128	----	179	57	122	2,829	2,583	246	2,811	39
150	----	----	----	2,976	2,924	52	257	257	----	178	128	50	2,541	2,539	2	2,338	40
84	8	5	3	9,077	7,426	1,651	508	495	13	532	243	289	8,037	6,688	1,349	7,450	41
2	40	36	4	28,047	13,969	14,078	173	157	16	135	31	104	27,739	13,781	13,958	21,405	42
3	184	120	64	30,324	16,292	14,032	601	542	59	1,271	266	1,005	28,452	15,484	12,968	24,048	43
67	17	11	6	7,030	6,829	201	254	254	----	450	327	123	6,326	6,248	78	5,644	44
16	3	3	----	2,194	693	1,501	91	81	10	80	25	55	2,023	587	1,436	1,933	45
316	87	67	20	7,536	7,281	255	790	787	3	591	396	195	6,155	6,098	57	5,839	46
4	23	15	8	3,339	3,151	188	248	247	1	340	201	139	2,751	2,703	48	2,705	47
617	178	83	95	47,615	29,193	18,422	3,147	3,073	74	5,788	3,570	2,218	38,680	22,550	16,130	32,119	48
27	5	4	1	4,784	4,713	71	417	417	----	308	258	50	4,059	4,038	21	3,930	49
165	83	78	5	19,815	19,430	385	924	923	1	894	427	377	18,087	18,080	7	17,263	50
230	208	183	25	10,807	10,030	777	688	682	6	794	307	487	9,325	9,041	284	9,795	51
204	103	102	1	22,076	21,315	761	1,578	1,571	7	2,218	1,502	716	18,280	18,242	38	17,259	52
188	25	12	13	26,081	14,116	11,965	1,056	962	94	1,735	641	1,094	23,290	12,513	10,777	21,775	58

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		INDUSTRIES—continued												
1	1	Cooking and other edible fats and oils, not elsewhere classified	6,654	5,840	814	41	39	2	5,878	5,214	664	622	479	143
2	6	Cooperage	8,715	8,524	191	152	134	18	8,330	8,182	148	219	194	25
3	3	Cordage and twine	14,736	9,957	4,779	177	159	18	14,108	9,468	4,640	361	246	115
4	6	Cork products	3,899	2,661	1,238	50	47	3	3,567	2,400	1,167	241	173	68
5	1	Corn sirup, corn sugar, corn oil, and starch	9,830	9,122	708	28	28	.....	8,712	8,185	527	665	508	157
6	4	Corsets and allied garments	23,994	3,858	20,126	340	306	34	21,323	2,475	18,848	2,246	1,017	1,229
7	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	15,383	6,782	8,601	294	267	27	14,402	6,175	8,227	596	349	247
8	3	Cotton broad woven goods	344,632	220,339	124,293	900	872	28	341,362	217,671	123,691	963	536	427
9	3	Cotton narrow fabrics	16,303	8,013	8,290	215	196	19	15,472	7,474	7,998	556	301	255
10	9	Cottonseed oil, cake, meal, and linters	26,296	25,779	517	394	388	6	25,094	24,635	459	633	583	50
11	3	Cotton thread	15,303	6,761	8,542	90	84	6	14,845	6,385	8,460	368	292	76
12	3	Cotton yarn	80,604	47,064	33,540	496	478	18	79,745	46,269	33,476	149	106	43
13	1	Creamery butter	28,543	23,140	5,403	562	529	33	22,803	18,052	4,751	4,589	4,016	573
14	1	Cured fish	3,055	2,195	860	53	52	1	2,800	1,875	925	175	153	22
15	4	Curtains, draperies, and bedspreads—contract factories	1,462	225	1,237	23	19	4	1,417	190	1,227	20	14	6
16	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	19,959	4,139	15,800	306	270	36	18,727	3,233	15,494	878	612	266
17	1	Custom slaughtering, wholesale	917	903	14	28	28	.....	734	721	13	30	29	1
18	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	20,043	14,382	5,661	349	326	14	18,519	13,300	5,219	1,030	667	363
19	20	Dental equipment and supplies	5,762	3,480	2,282	148	134	14	4,978	2,963	2,015	630	377	253
20	7	Die-cut paper and paperboard, and converted cardboard	5,922	3,953	1,969	181	157	24	5,140	3,392	1,748	568	371	197
21	20	Dolls (except rubber)	4,993	2,040	2,895	92	79	13	4,713	1,878	2,835	124	77	47
22	14	Doors, window sash, frames, molding, and trim (made of metal)	10,946	10,383	563	332	317	15	9,388	9,101	287	1,172	911	261
23	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3,771	651	3,120	44	39	5	3,591	525	3,066	128	79	49
24	9	Drugs and medicines (including drug grinding)	41,368	24,021	17,347	1,453	1,251	202	28,921	15,487	13,434	10,202	6,650	3,552
25	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	72,243	59,048	13,195	809	766	43	70,075	57,375	12,700	1,142	693	449
26	3	Dyeing and finishing woolen and worsted	4,835	3,728	1,107	96	92	4	4,624	3,568	1,056	107	60	47
27	16	Electrical appliances	25,874	18,223	7,651	206	190	16	23,446	16,847	6,599	2,164	1,142	1,022
28	16	Electrical measuring instruments	9,866	6,516	3,350	86	85	1	9,243	6,091	3,152	450	256	194
29	16	Electrical products not elsewhere classified	8,738	6,556	2,182	163	153	10	7,791	5,780	2,011	723	562	161
30	16	Electric lamps	12,663	3,759	8,904	49	48	1	12,062	3,333	8,729	491	317	174
31	15	Electroplating, plating, and polishing	10,604	9,777	827	370	342	28	9,784	9,119	665	372	240	132
32	8	Electrotyping and stereotyping, not done in printing establishments	6,393	5,953	440	345	327	18	5,192	4,896	296	755	669	86
33	17	Elevators, escalators, and conveyors	13,437	12,586	851	339	325	14	11,309	10,772	528	1,600	1,306	294
34	4	Embroideries, other than Schiffli-machine products—contract factories	5,607	1,323	4,284	116	93	23	5,423	1,193	4,230	133	102	31
35	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	905	216	689	33	26	7	844	172	672	26	16	10
36	4	Embroideries: Schiffli-machine products	4,559	1,436	3,159	147	128	19	4,270	1,153	3,117	137	114	23
37	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	29,828	27,547	2,281	385	361	24	28,201	26,267	1,934	1,186	863	323
38	14	Enameling, japanning, and lacquering	2,202	1,919	283	60	58	2	2,050	1,793	257	69	51	18
39	13	Engraving on metal (except for printing purposes)	1,764	1,357	407	48	46	2	1,655	1,258	397	59	51	8
40	8	Engraving (steel, copperplate, and wood); plate printing	6,876	4,633	2,243	347	318	29	6,103	4,010	2,093	426	305	121
41	7	Envelopes	11,302	5,605	5,697	257	235	22	9,656	4,434	5,222	1,289	847	442
42	9	Essential oils	335	320	15	15	15	.....	312	281	31	25	21	4
43	6	Excelsior	1,095	979	116	19	16	3	1,049	933	107	16	11	5
44	9	Explosives	9,209	7,743	1,466	23	23	.....	8,912	7,453	1,459	57	51	6
45	20	Fabricated plastic products, not elsewhere classified	20,180	14,903	5,277	293	272	21	19,199	14,025	5,084	610	439	171
46	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	47,629	46,222	1,407	1,456	1,380	76	43,471	42,516	955	2,601	2,229	372
47	20	Feathers, plumes, and artificial flowers	7,956	2,329	5,627	203	169	34	7,210	1,843	5,367	539	313	226
48	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4,395	3,973	330	33	33	.....	4,202	3,896	306	70	46	24
49	9	Fertilizers	23,710	23,091	619	511	492	19	22,528	22,201	327	2,386	2,125	261
50	7	Fiber cans, tubes, and similar products	8,409	5,935	2,474	109	99	10	7,911	5,565	2,346	372	258	114
51	14	Files	3,794	3,324	470	27	26	1	3,574	3,202	372	104	47	57
52	5	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8,128	4,949	3,209	188	182	6	7,455	4,322	3,133	513	443	70
53	14	Firearms	6,360	5,869	491	28	26	2	6,053	5,636	417	157	93	64
54	20	Fire extinguishers, chemical	1,584	1,339	245	27	26	1	1,411	1,240	171	146	73	73
55	9	Fireworks	1,254	706	548	55	49	6	1,153	623	530	30	18	12
56	9	Fish and other marine oils, cake, and meal	3,504	3,299	205	92	87	5	3,410	3,158	252	38	30	8
57	13	Flat glass	20,071	18,573	1,498	26	26	.....	19,665	18,176	1,489	62	53	9
58	1	Flavoring extracts and flavoring sirups, not elsewhere classified	7,067	5,297	1,770	440	401	39	4,590	3,293	1,297	1,931	1,520	411
59	13	Floor and wall tile (except quarry tile)	6,758	4,536	2,222	69	65	4	6,425	4,254	2,171	237	191	46

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING													
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
103	10	5	5	5,878	5,214	664	522	519	3	437	335	102	4,919	4,360	559	4,672	1
11	3	3	.....	8,330	8,182	148	314	314	.....	212	114	98	7,804	7,754	50	7,193	2
25	65	59	6	14,108	9,468	4,640	501	480	21	474	219	255	13,133	8,769	4,364	12,036	3
36	5	5	.....	3,567	2,400	1,167	157	148	9	185	94	91	3,225	2,158	1,067	2,923	4
222	203	179	24	8,712	8,185	527	552	551	1	590	477	113	7,570	7,157	413	6,764	5
15	60	45	15	21,323	2,475	18,848	625	360	265	985	164	821	19,713	1,951	17,762	18,765	6
51	.....	.....	.....	14,402	6,175	8,227	386	332	54	607	131	476	13,409	5,712	7,697	10,808	7
577	830	683	147	341,362	217,671	123,691	5,050	4,962	88	4,804	2,468	2,336	331,508	210,241	121,267	312,249	8
12	48	30	18	15,472	7,474	7,998	494	465	29	551	189	362	14,427	6,820	7,607	13,318	9
105	60	58	2	25,094	24,635	459	1,252	1,250	2	884	751	133	22,958	22,634	324	15,191	10
.....	.....	.....	.....	14,845	6,385	8,460	495	477	18	605	207	398	13,745	5,701	8,044	13,298	11
96	118	115	3	79,745	46,269	33,476	1,090	1,062	28	948	477	471	77,707	44,739	32,977	70,452	12
306	283	237	46	22,803	18,052	4,751	1,680	1,651	29	3,401	1,232	2,169	17,722	15,169	2,553	17,953	13
19	8	6	2	2,800	1,875	925	87	86	1	109	45	64	2,604	1,744	860	1,893	14
.....	2	2	.....	1,417	190	1,227	19	8	11	26	8	18	1,372	174	1,198	1,109	15
24	24	20	4	18,727	3,233	15,494	403	266	137	467	95	372	17,857	2,872	14,985	15,798	16
18	7	7	.....	734	721	13	43	43	.....	16	14	2	675	664	11	649	17
24	130	65	65	18,519	13,300	5,219	692	666	26	777	307	470	17,050	12,327	4,723	15,399	18
6	.....	.....	.....	4,978	2,963	2,015	332	322	10	347	138	209	4,299	2,503	1,796	4,245	19
19	14	14	.....	5,140	3,392	1,748	250	227	23	284	98	186	4,606	3,067	1,539	4,354	20
6	.....	.....	.....	4,713	1,878	2,835	99	76	23	98	16	82	4,516	1,786	2,730	3,052	21
52	2	2	.....	9,388	9,101	287	443	438	5	687	453	234	8,258	8,210	48	7,740	22
3	5	5	.....	3,591	525	3,066	104	63	41	58	7	51	3,429	455	2,974	3,396	23
301	491	332	159	28,921	15,487	13,434	2,527	2,231	296	3,032	949	2,083	23,362	12,307	11,055	22,386	24
176	41	38	3	70,075	57,375	12,700	3,062	3,016	46	2,993	1,180	1,813	64,020	53,179	10,841	60,237	25
5	3	3	.....	4,624	3,568	1,056	302	291	11	177	68	109	4,145	3,209	936	3,821	26
25	33	19	14	23,446	16,847	6,599	1,696	1,673	23	1,648	839	809	20,702	14,935	5,767	19,890	27
65	22	19	3	9,243	6,091	3,152	719	662	57	1,009	508	492	7,524	4,921	2,603	6,976	28
55	6	6	.....	7,791	5,780	2,011	583	563	20	747	498	249	6,461	4,719	1,742	6,014	29
45	16	16	.....	12,062	3,333	8,729	804	758	46	560	146	414	10,698	2,429	8,269	9,622	30
45	33	31	2	9,784	9,119	665	331	331	.....	296	90	206	9,157	8,698	459	8,206	31
1	10	10	.....	5,192	4,896	296	297	287	10	513	246	267	4,382	4,363	19	4,412	32
107	91	76	15	11,300	10,772	528	758	754	4	1,293	914	379	9,249	9,104	145	8,915	33
.....	15	15	.....	5,423	1,193	4,230	59	32	27	46	6	40	5,318	1,155	4,163	4,189	34
.....	2	2	.....	844	172	672	18	15	3	15	1	14	811	156	655	608	35
.....	5	5	.....	4,270	1,153	3,117	79	62	17	58	14	44	4,133	1,077	3,056	3,750	36
50	6	6	.....	28,201	26,267	1,934	1,104	1,092	12	1,162	668	494	25,935	24,507	1,428	24,605	37
6	17	11	6	2,050	1,793	257	89	86	3	61	35	26	1,900	1,672	228	1,821	38
.....	2	2	.....	1,655	1,258	397	43	43	.....	112	48	64	1,500	1,167	333	1,419	39
.....	.....	.....	.....	6,103	4,010	2,093	222	204	18	517	129	388	5,364	3,677	1,687	5,353	40
75	25	14	11	9,656	4,434	5,222	426	384	42	409	142	258	8,830	3,908	4,922	8,689	41
.....	3	3	.....	312	281	31	27	27	.....	12	7	5	273	247	26	255	42
4	16	15	1	1,040	933	107	43	43	.....	22	10	12	975	880	95	925	43
209	6	5	1	8,912	7,453	1,459	527	523	4	249	167	82	8,136	6,763	1,373	7,242	44
164	4	3	1	19,109	14,025	5,084	881	854	27	907	438	469	17,321	12,733	4,588	15,094	45
88	33	29	4	43,471	42,516	955	2,186	2,182	4	2,979	2,071	908	38,306	38,263	43	35,477	46
4	.....	.....	.....	7,210	1,843	5,367	136	83	53	191	39	152	6,883	1,721	5,162	6,650	47
.....	.....	.....	.....	4,202	3,896	306	173	168	5	148	79	69	3,881	3,649	232	3,346	48
217	68	56	12	22,528	22,201	327	1,169	1,165	4	986	726	260	20,373	20,310	63	18,744	49
8	9	5	4	7,911	5,565	2,346	320	308	12	335	176	159	7,256	5,081	2,175	6,637	50
49	.....	.....	.....	3,574	3,202	372	203	198	5	149	79	70	3,231	2,934	297	3,205	51
1	1	1	.....	7,455	4,322	3,133	221	182	39	290	67	223	6,944	4,073	2,871	6,909	52
113	9	1	8	6,053	5,636	417	312	310	2	441	280	161	5,300	5,046	254	5,601	53
.....	.....	.....	.....	1,411	1,240	171	88	87	1	196	138	58	1,127	1,015	112	995	54
9	7	7	.....	1,153	623	530	65	63	2	70	31	39	1,018	529	489	1,158	55
14	.....	.....	.....	3,410	3,158	252	77	76	1	62	42	20	3,271	3,040	231	1,523	56
318	.....	.....	.....	19,665	18,176	1,489	790	773	17	703	471	232	18,172	16,932	1,240	16,739	57
35	51	48	3	4,590	3,293	1,297	327	309	18	577	206	371	3,686	2,778	908	3,589	58
21	6	5	1	6,425	4,254	2,171	186	180	6	234	117	117	6,005	3,957	2,048	5,681	59

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	Industry group and industry	Grand total	Males	Females	Salaried officers: Total	Salaried officers: Males	Salaried officers: Females	Manufacturing: Total	Manufacturing: Males	Manufacturing: Females	Distribution: Total	Distribution: Males	Distribution: Females
		INDUSTRIES—continued												
1	1	Flour and other grain-mill products	36,739	34,677	2,062	1,131	1,088	43	29,949	28,507	1,442	4,895	4,345	550
2	1	Feed preparations, not elsewhere classified	21,328	12,731	8,595	655	587	68	16,621	8,990	7,631	3,887	3,034	853
3	17	Food-products machinery	20,076	18,632	1,444	546	499	47	17,602	16,204	798	2,419	1,829	590
4	12	Footwear (except rubber)	244,149	134,697	109,452	1,549	1,470	79	238,109	130,240	107,929	4,189	2,747	1,442
5	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	19,739	19,226	513	329	310	19	18,768	18,406	362	474	353	121
6	10	Fuel briquets	597	592	5	13	12	1	573	570	3	11	10	1
7	4	Fur coats and other fur garments, accessories, and trimmings	20,848	15,967	4,881	1,652	1,585	67	17,788	13,319	4,469	1,405	1,055	350
8	20	Furs, dressed and dyed	6,463	5,672	791	295	290	5	5,878	5,124	754	325	293	32
9	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1,479	1,425	54	77	72	5	1,352	1,306	46	47	44	3
10	20	Games and toys (except dolls and children's vehicles)	22,404	11,891	10,663	940	904	36	21,225	10,933	10,292	871	536	335
11	8	General commercial (job) printing	127,640	99,426	28,214	5,821	5,340	481	112,124	86,113	26,011	9,543	7,824	1,719
12	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	100,750	80,475	20,275	796	698	98	95,445	76,506	18,939	3,643	2,468	1,175
13	13	Glue-continuous	29,789	23,650	6,139	132	119	13	28,970	22,962	6,008	552	417	135
14	9	Glue and gelatin	4,101	3,602	499	94	86	8	3,668	3,316	352	231	184	47
15	15	Gold and silver leaf and foil	729	215	514	13	11	2	655	160	495	60	43	17
16	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	3,028	2,900	128	36	35	1	2,904	2,781	123	82	78	4
17	14	Gray-iron and semisteel castings	69,857	68,425	1,432	1,261	1,184	77	67,384	66,235	1,149	962	777	185
18	9	Grease and tallow (except lubricating greases)	6,562	6,349	213	247	237	10	5,822	5,636	186	324	307	17
19	8	Greeting cards (except hand-painted)	11,295	4,036	7,359	137	125	12	10,339	3,308	7,031	904	588	316
20	9	Gum naval stores (processing but not gathering or warehousing)	2,080	2,065	15	71	71		1,967	1,953	14	28	27	1
21	13	Gypsum products	6,302	6,216	86	25	25		6,042	5,966	76	82	72	10
22	20	Hair work	436	134	302	25	23	2	417	95	322	24	16	8
23	4	Handkerchiefs—made in contract factories	1,178	59	1,119	14	10	4	1,164	49	1,115			
24	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4,922	950	3,972	60	59	1	4,136	306	3,830	309	178	131
25	20	Hand stamps, stencils, and brands	3,328	2,677	651	217	196	21	2,537	2,064	473	568	411	157
26	14	Hardware not elsewhere classified	46,421	35,144	11,277	658	615	43	42,920	32,631	10,289	2,713	1,771	942
27	9	Hardwood distillation and charcoal manufacture	2,232	2,148	104	34	29	5	2,142	2,049	93	19	13	6
28	4	Hat and cap materials, trimmings, etc.	975	499	476	45	42	3	885	420	465	44	37	7
29	3	Hat bodies and hats, felt-felt	11,683	9,687	2,036	82	70	12	10,587	8,651	1,936	251	201	50
30	3	Hat bodies and hats, wool-felt	4,604	3,432	1,172	18	18		4,532	3,377	1,155	41	24	17
31	3	Hats, straw	492	173	319	12	12		469	153	316	10	7	3
32	3	Hatters' fur	2,213	1,440	773	39	37	2	2,146	1,381	765	28	22	6
33	14	Heating and cooking apparatus, except electric, not elsewhere classified	4,263	3,758	505	152	145	7	3,615	3,352	263	381	252	129
34	3	Hosiery—full-fashioned	106,296	48,366	57,930	639	591	48	105,434	46,390	59,044	1,891	1,080	811
35	3	Hosiery—seamless	66,345	23,181	43,164	501	465	36	65,314	22,368	42,946	419	247	172
36	13	Hotel china	5,049	2,755	2,294	49	46	3	4,859	2,705	2,154	111	65	46
37	4	House dresses, uniforms, and aprons—made in contract factories	12,521	1,035	11,486	74	69	5	12,403	994	11,409	25	19	6
38	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	31,823	4,355	27,468	373	334	39	29,915	2,956	26,959	1,459	1,002	457
39	4	Household furnishings (except curtains, draperies, and bedspreads)	14,424	5,929	8,495	350	313	37	12,780	4,663	8,117	1,240	902	338
40	6	Household furniture, except upholstered	117,394	109,383	8,011	1,965	1,823	82	111,176	103,955	7,221	4,101	3,053	1,048
41	1	Ice cream and ices	35,388	29,757	5,631	1,299	1,194	105	18,565	14,735	3,830	14,068	12,463	1,605
42	1	Ice, manufactured	38,852	37,267	995	1,658	1,571	87	20,409	19,790	619	15,277	15,000	277
43	12	Industrial leather belting and packing leather	3,285	2,582	703	192	174	18	2,802	2,176	626	285	226	59
44	17	Industrial machinery, not elsewhere classified	31,897	30,068	1,829	869	801	59	28,532	27,322	1,210	2,211	1,675	536
45	9	Insecticides, fungicides, and related industrial and household chemical compounds	9,463	7,543	1,920	743	654	89	6,417	5,011	1,406	2,208	1,761	447
46	18	Insulated wire and cable	21,129	14,798	6,322	118	113	5	20,063	14,032	6,031	700	439	261
47	17	Internal-combustion engines	20,784	18,225	1,559	160	155	5	19,103	17,974	1,129	1,382	961	421
48	15	Jewelers' findings and materials	3,969	2,437	1,532	94	83	11	3,676	2,240	1,436	189	106	83
49	20	Jewelry cases and instrument cases	7,127	3,520	3,607	98	87	11	6,671	3,166	3,505	310	209	101
50	15	Jewelry (precious metals)	15,770	11,280	4,490	622	577	45	13,894	9,949	3,945	1,188	692	496
51	3	Jute goods (except felt)	4,465	2,805	1,660	34	33	1	4,370	2,715	1,655	37	33	4
52	3	Knitted cloth	13,647	8,536	5,111	244	225	19	13,075	8,073	5,002	261	172	89
53	3	Knitted gloves	5,317	833	4,484	18	15	3	5,218	772	4,446	55	20	35
54	3	Knitted underwear (except knit gloves)—contract factories	5,461	1,403	4,058	93	84	9	5,348	1,313	4,035	18	4	14
55	3	Knitted underwear (except knit gloves)—regular factories or jobbers engaging contractors	25,447	7,841	17,606	523	473	50	23,347	6,336	17,011	1,520	980	540
56	3	Knitted underwear	44,678	12,249	32,736	344	317	27	43,309	11,186	32,123	1,228	645	583
57	6	Laboratory, hospital, and other professional furniture	4,126	3,798	328	101	95	6	3,659	3,459	200	362	240	122
58	3	Lace goods	8,461	4,228	4,133	98	93	3	8,077	4,034	4,043	279	192	87
59	20	Lamp shades	3,517	847	2,670	88	66	22	3,245	667	2,578	179	109	70
60	15	Lapidary work	349	278	71	18	15	3	319	251	68	8	8	
61	6	Lasts and related products	1,726	1,636	90	48	45	3	1,582	1,525	57	93	63	30

See footnote at end of table

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING												
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
387	377	350	27	29,949	28,507	1,442	2,140	2,122	18	2,277	1,320	957	25,532	25,065	467	24,771	1
55	108	65	43	16,621	8,990	7,631	734	662	72	925	322	603	14,962	8,006	6,956	13,120	2
31	78	69	9	17,002	16,204	798	1,182	1,179	3	1,772	1,141	631	14,048	13,884	164	13,979	3
195	44	42	2	238,169	130,240	107,929	5,561	5,159	402	6,978	1,173	5,805	225,630	123,908	101,722	218,028	4
131	48	35	13	18,768	18,406	362	844	839	5	845	536	309	17,079	17,031	48	15,372	5
-------	-------	-------	-------	573	570	3	41	41	-------	19	16	3	513	513	-------	410	6
3	-------	-------	-------	17,788	13,319	4,469	362	334	28	796	125	671	16,630	12,860	3,770	13,111	7
25	-------	-------	-------	5,878	5,124	754	225	224	1	90	36	54	5,563	4,864	699	5,115	8
3	-------	-------	-------	1,352	1,306	46	58	57	1	62	23	39	1,232	1,226	6	1,212	9
28	-------	-------	-------	21,225	10,933	10,292	691	625	66	711	185	526	19,823	10,123	9,700	15,610	10
142	10	7	3	112,124	86,113	26,011	4,857	4,621	236	9,647	2,943	6,704	97,620	78,549	19,071	96,039	11
421	505	382	123	95,445	76,506	18,939	7,161	7,064	97	13,457	8,547	4,910	74,827	60,895	13,932	70,401	12
118	17	14	3	28,970	22,962	6,008	1,429	1,417	12	1,356	786	570	26,185	20,759	5,426	25,753	13
100	8	6	2	3,668	3,316	352	284	280	4	217	88	129	3,167	2,948	219	3,039	14
-------	1	1	-------	655	160	495	19	17	2	32	8	24	604	135	469	563	15
6	-------	-------	-------	2,904	2,781	123	146	146	-------	221	132	89	2,537	2,503	34	2,623	16
144	86	65	21	67,384	66,235	1,149	2,588	2,578	10	1,990	1,234	756	62,806	62,423	383	58,428	17
136	33	33	-------	5,822	5,636	186	294	293	1	301	164	137	5,227	5,179	48	5,201	18
15	-------	-------	-------	10,339	3,308	7,031	352	223	129	1,053	311	742	8,934	2,774	6,160	7,522	19
13	1	1	-------	1,967	1,953	14	751	751	-------	57	43	14	1,159	1,159	-------	971	20
132	21	21	-------	6,042	5,966	76	432	431	1	235	163	72	5,375	5,372	3	4,956	21
-------	-------	-------	-------	417	95	322	6	5	1	16	2	14	395	88	307	322	22
-------	-------	-------	-------	1,164	49	1,115	9	5	4	4	-------	4	1,151	44	1,107	1,105	23
1	16	6	10	4,136	306	3,830	101	48	53	82	13	69	3,953	245	3,708	3,734	24
6	-------	-------	-------	2,537	2,064	473	121	118	3	210	47	163	2,206	1,899	307	2,211	25
123	7	4	3	42,920	32,631	10,289	1,728	1,700	28	2,579	1,245	1,334	38,613	29,686	8,927	35,645	26
55	2	2	-------	2,142	2,049	93	134	134	-------	77	51	26	1,931	1,864	67	1,770	27
-------	1	-------	1	885	420	465	19	13	6	35	4	31	831	403	428	796	28
33	140	102	38	10,587	8,651	1,936	414	395	19	334	98	236	9,839	8,158	1,681	9,928	29
13	-------	-------	-------	4,532	3,377	1,155	159	152	7	103	36	67	4,270	3,189	1,081	4,421	30
1	-------	-------	-------	469	153	316	9	8	1	11	-------	11	449	145	304	488	31
-------	-------	-------	-------	2,146	1,381	765	70	67	3	52	18	34	2,024	1,296	728	1,893	32
4	11	5	6	3,615	3,352	263	161	160	1	299	153	146	3,155	3,039	116	2,919	33
247	85	58	27	105,434	46,390	59,044	2,031	1,678	353	1,809	622	1,187	101,594	44,090	57,504	97,200	34
64	47	37	10	65,314	22,368	42,946	1,178	1,067	111	1,292	366	926	62,844	20,935	41,909	61,852	35
18	3	2	1	4,859	2,705	2,154	168	157	11	99	32	67	4,592	2,516	2,076	4,350	36
4	15	9	6	12,403	934	11,469	128	78	50	70	10	60	12,205	846	11,359	10,961	37
5	71	58	13	29,915	2,956	26,959	733	375	358	867	162	705	28,315	2,419	25,896	27,833	38
23	31	28	3	12,780	4,663	8,117	319	267	52	522	112	410	11,939	4,284	7,655	10,623	39
212	200	140	60	111,176	103,955	7,221	3,587	3,564	23	3,379	1,446	1,933	104,210	98,945	5,265	94,760	40
470	1,016	925	91	18,565	14,735	3,830	1,424	1,404	20	2,065	776	1,289	15,076	12,555	2,521	15,711	41
317	591	579	12	20,409	19,790	619	2,113	2,105	8	1,362	752	610	16,934	16,933	1	15,912	42
6	-------	-------	-------	2,802	2,176	626	154	151	3	143	44	99	2,505	1,981	524	2,337	43
157	137	113	24	28,532	27,322	1,210	2,279	2,272	7	2,723	1,760	963	23,530	23,290	240	21,936	44
55	40	32	8	6,417	5,011	1,406	565	548	17	795	283	512	5,057	4,180	877	5,017	45
126	113	88	25	20,063	14,032	6,031	1,056	1,042	14	1,424	803	621	17,583	12,187	5,396	15,696	46
105	34	30	4	19,103	17,974	1,129	1,474	1,469	5	2,055	1,373	682	15,574	15,132	442	14,752	47
4	6	4	2	3,676	2,240	1,436	138	129	9	168	31	137	3,370	2,080	1,290	2,813	48
58	-------	-------	-------	6,671	3,166	3,505	214	190	24	266	90	176	6,191	2,886	3,305	5,127	49
16	50	46	4	13,894	9,949	3,945	428	393	35	1,396	331	1,065	12,070	9,225	2,845	11,358	50
24	-------	-------	-------	4,370	2,715	1,655	159	157	2	177	80	97	4,034	2,478	1,556	3,586	51
49	18	17	1	13,075	8,073	5,002	471	451	20	472	150	322	12,132	7,472	4,660	10,917	52
23	3	3	-------	5,218	772	4,446	100	72	28	66	12	54	5,052	688	4,364	5,574	53
1	1	1	-------	5,348	1,313	4,035	44	30	14	27	8	19	5,277	1,275	4,002	4,109	54
25	32	27	5	23,347	6,336	17,011	703	487	216	691	131	560	21,953	5,718	16,235	18,440	55
64	31	28	3	43,309	11,186	32,123	1,016	844	172	1,145	317	828	41,148	10,025	31,123	38,536	56
2	2	2	-------	3,659	3,459	200	189	185	4	267	90	117	3,263	3,184	79	2,982	57
9	-------	-------	-------	8,077	4,034	4,043	343	289	54	360	123	237	7,374	3,622	3,752	7,254	58
5	-------	-------	-------	3,245	667	2,578	99	58	41	63	3	60	3,083	606	2,477	2,671	59
-------	4	4	-------	319	251	68	8	6	2	12	1	11	299	244	55	267	60
3	-------	-------	-------	1,582	1,525	57	128	128	-------	57	16	41	1,397	1,381	16	1,519	61

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	Industry group and industry	Grand total	Males	Females	Salaried officers: Total	Salaried officers: Males	Salaried officers: Females	Manufacturing: Total	Manufacturing: Males	Manufacturing: Females	Distribution: Total	Distribution: Males	Distribution: Females
		INDUSTRIES—continued												
1	17	Laundry equipment, domestic	9,914	8,999	915	89	88	1	8,865	8,226	639	849	585	264
2	12	Leather gloves and mittens	12,471	5,123	7,348	191	173	18	11,915	4,664	7,251	336	261	75
3	12	Leather goods not elsewhere classified	3,291	1,973	1,228	94	88	6	2,937	1,769	1,177	167	122	45
4	12	Leather: tanned, curried, and finished—contract factories	6,473	5,837	636	147	141	6	6,296	5,657	639	30	19	11
5	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	46,653	42,221	4,432	449	429	20	45,640	41,320	4,290	461	339	122
6	15	Lighting fixtures	29,352	21,707	7,645	650	596	54	26,569	19,529	7,030	1,999	1,449	550
7	15	Lime	11,793	11,623	170	184	177	7	10,994	10,876	118	302	264	38
8	3	Linen goods	1,941	903	1,038	8	8		1,907	876	1,031	24	17	7
9	3	Linoleum, asphalted-felt base and other hard surface floor coverings, not elsewhere classified	8,710	8,209	501	26	25	1	8,077	7,718	359	555	414	141
10	9	Linseed oil, cake, and meal	2,699	2,653	46	6	6		2,669	2,624	45	16	15	1
11	1	Liquors, distilled	5,992	5,368	614	131	125	6	5,221	4,690	531	246	193	53
12	1	Liquors, rectified or blended	4,491	3,504	987	108	93	13	3,960	3,074	886	406	320	86
13	4	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	35,662	26,863	8,199	1,179	1,100	79	30,326	22,825	7,501	3,464	2,853	611
14	19	Locomotives (including frames) and parts: railroad, mining, and industrial	8,738	8,508	230	24	23	1	8,383	8,187	196	311	259	52
15	3	Logging camps and logging contractors (not operating saw mills)	30,129	29,924	205	170	166	4	29,207	29,052	155	89	80	9
16	9	Lubricating oils and greases — not made in petroleum refineries	4,254	3,838	416	247	231	16	2,902	2,689	213	1,035	849	186
17	1	Macaroni, spaghetti, vermicelli, and noodles	8,916	5,395	3,521	285	259	26	7,303	4,120	3,183	1,126	916	210
18	8	Machine and hand typesetting (including advertisement typesetting)	7,961	7,087	874	483	445	38	6,997	6,216	781	480	425	55
19	17	Machine-shop products, not elsewhere classified	82,890	75,058	7,832	2,162	2,000	162	74,792	68,520	6,182	5,141	3,696	1,445
20	17	Machine-shop repairs	11,152	10,693	459	512	480	32	10,362	9,973	389	238	201	37
21	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	33,250	30,932	2,318	1,923	1,852	71	30,103	28,492	1,611	1,746	1,176	570
22	17	Machine tools	52,383	50,086	2,297	495	472	23	49,057	47,456	1,601	2,050	1,457	593
23	14	Malleable-iron castings	22,767	21,616	1,091	170	163	7	22,220	21,199	1,021	246	188	58
24	1	Malt	1,923	1,873	50	50	45	5	1,711	1,686	25	77	60	17
25	1	Malt liquors	60,849	58,696	2,153	1,216	1,170	46	40,359	39,330	1,029	17,424	16,431	993
26	6	Matches	6,188	3,636	2,552	23	22	1	6,069	3,568	2,501	93	63	30
27	6	Mattresses and bedsprings	24,596	19,782	4,844	643	600	43	21,878	17,523	4,355	2,005	1,567	438
28	17	Measuring and dispensing pumps	8,041	6,478	1,563	66	66		6,750	5,421	1,329	1,124	906	218
29	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	8,894	7,677	1,217	95	87	8	8,239	7,296	963	497	256	241
30	1	Meat packing, wholesale	173,339	148,860	24,479	1,440	1,375	65	140,711	119,503	21,208	28,459	25,360	3,099
31	17	Mechanical power-transmission equipment	39,667	33,961	5,706	289	259	21	36,944	32,033	4,911	2,124	1,392	732
32	4	Men's and boys' hats and caps (except felt and straw)	4,091	2,187	1,904	128	123	5	3,762	1,915	1,847	188	136	52
33	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	14,659	1,483	13,176	68	60	8	14,548	1,394	13,154	24	11	13
34	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	64,998	10,167	54,831	359	336	23	63,106	8,702	54,404	1,387	990	397
35	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	56,341	27,014	29,327	491	472	19	55,617	26,389	29,228	160	89	71
36	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	104,042	46,876	57,166	1,398	1,358	40	97,581	41,452	56,129	5,356	3,807	1,549
37	4	Men's and boys' underwear—made in contract factories	1,284	109	1,175	8	8		1,276	101	1,175			
38	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	5,899	609	5,294	30	28	2	5,866	605	5,261	75	45	30
39	4	Men's neckwear—made in contract factories	1,129	125	1,004	6	5	1	1,114	114	1,000	6	6	
40	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	11,237	2,712	8,625	251	237	14	10,110	1,733	8,377	929	708	221
41	17	Metalworking machinery and equipment, not elsewhere classified	22,198	20,800	1,398	302	279	23	20,822	19,791	1,031	990	741	249
42	4	Millinery	31,141	11,283	19,858	1,081	996	85	27,853	8,797	19,056	2,143	1,441	702
43	13	Minerals and earths, ground or otherwise treated	7,526	6,775	751	197	183	14	7,068	6,379	689	174	128	46
44	12	Mineral wool	2,537	2,444	93	49	47	2	2,340	2,267	73	87	69	18
45	17	Mining machinery and equipment	7,251	6,918	433	114	106	8	6,483	6,184	299	708	582	126
46	6	Mirror frames and picture frames	4,195	3,421	774	161	152	9	3,726	3,063	663	307	205	102
47	13	Mirrors and other glass products made of purchased glass	13,367	9,895	3,472	472	440	32	12,254	8,979	3,275	720	517	203
48	20	Miscellaneous fabricated products not elsewhere classified	19,212	9,920	9,292	486	440	46	17,647	8,801	8,846	1,053	654	399
49	5	Miscellaneous fabricated textile products not elsewhere classified	8,204	3,576	4,628	251	219	32	7,372	2,980	4,392	557	324	233
50	20	Models and patterns (except paper patterns)	6,779	6,382	397	366	346	20	6,110	5,836	274	257	194	63

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING													
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
59	52	41	11	8,865	8,226	639	358	355	3	737	435	302	7,770	7,436	334	7,466	1
9	20	16	4	11,915	4,664	7,251	303	242	61	269	40	229	11,343	4,382	6,961	9,995	2
1	2	2	-------	2,937	1,760	1,177	48	48	-------	89	9	80	2,800	1,703	1,097	2,462	3
-------	-------	-------	-------	6,296	5,657	639	210	209	1	110	40	70	5,976	5,408	568	5,457	4
133	-------	-------	-------	45,610	41,320	4,290	1,736	1,723	13	1,064	511	553	42,810	39,086	3,724	41,795	5
12	132	121	11	26,559	19,529	7,030	1,145	1,095	50	1,271	491	780	24,143	17,943	6,200	20,477	6
205	18	11	7	10,994	10,876	118	447	446	1	303	191	112	10,244	10,239	5	9,458	7
-------	2	2	-------	1,907	876	1,031	49	46	3	68	29	39	1,790	801	989	1,735	8
52	-------	-------	-------	8,077	7,718	359	306	304	2	334	224	110	7,437	7,190	247	7,028	9
6	2	2	-------	2,669	2,624	45	111	110	1	127	94	33	2,431	2,420	11	2,120	10
167	217	193	24	5,221	4,690	531	412	404	8	488	258	230	4,321	4,028	293	4,091	11
4	15	13	2	3,960	3,074	886	391	352	39	495	264	231	3,074	2,458	616	2,818	12
78	35	27	8	30,326	22,825	7,501	1,306	1,256	50	2,660	1,009	1,651	26,360	20,560	5,800	26,000	13
37	3	2	1	8,383	8,187	196	400	399	1	1,065	924	141	6,918	6,864	54	6,470	14
538	125	88	37	29,207	29,052	155	403	403	-------	354	271	83	28,450	28,378	72	22,785	15
37	33	32	1	2,902	2,689	213	353	352	1	350	160	190	2,199	2,177	22	2,128	16
23	174	77	97	7,308	4,120	3,188	214	190	24	305	87	218	6,789	3,843	2,946	6,013	17
1	-------	-------	-------	6,997	6,216	781	297	286	11	595	171	424	6,105	5,759	346	6,244	18
337	548	505	43	74,702	68,520	6,182	4,499	4,467	32	5,995	3,606	2,389	64,208	60,447	3,761	60,717	19
3	37	36	1	10,362	9,973	389	335	333	2	627	287	340	9,400	9,353	47	9,176	20
117	261	195	66	30,103	28,492	1,611	1,602	1,590	12	1,632	874	758	26,869	26,028	841	25,161	21
320	461	381	80	49,057	47,456	1,601	3,165	3,123	42	4,560	3,127	1,433	41,332	41,206	126	36,624	22
65	6	1	5	22,220	21,199	1,021	956	953	3	762	460	242	20,562	19,786	776	18,041	23
68	17	14	3	1,711	1,686	25	141	141	-------	90	67	23	1,480	1,478	2	1,459	24
735	1,115	1,030	85	40,359	39,330	1,029	2,028	2,021	7	2,579	1,725	854	35,752	35,584	168	36,088	25
1	2	2	-------	6,009	3,508	2,501	235	222	13	160	69	91	5,674	3,277	2,397	5,426	26
9	61	53	8	21,878	17,523	4,355	835	799	36	1,167	474	693	19,876	16,250	3,626	18,342	27
50	51	35	16	6,750	5,421	1,329	368	368	-------	682	449	233	5,700	4,604	1,096	5,054	28
15	28	23	5	8,259	7,296	963	650	638	12	579	306	273	7,030	6,352	678	6,692	29
1,437	1,292	1,185	107	140,711	119,503	21,208	6,785	6,706	79	8,842	6,358	2,484	125,084	106,439	18,645	119,853	30
94	145	103	42	36,944	32,033	4,911	1,772	1,746	26	2,580	1,765	815	32,592	28,522	4,070	30,268	31
3	10	10	-------	3,762	1,915	1,847	79	77	2	118	23	95	3,565	1,815	1,750	3,383	32
3	16	15	1	14,548	1,394	13,154	181	133	48	97	10	87	14,270	1,251	13,019	13,371	33
59	87	80	7	63,106	8,702	54,404	981	681	300	1,293	248	1,045	60,832	7,773	53,059	57,082	34
5	68	59	9	55,617	26,389	29,228	444	399	45	410	93	317	54,763	25,897	28,866	48,456	35
77	230	182	48	97,581	41,452	56,129	2,048	1,831	217	3,054	892	2,162	92,479	38,729	53,750	89,031	36
-------	-------	-------	-------	1,276	101	1,175	6	3	3	13	2	11	1,257	96	1,161	1,211	37
13	9	8	1	5,866	605	5,261	102	62	40	102	24	78	5,662	519	5,143	5,332	38
-------	-------	-------	-------	1,114	114	1,000	10	6	4	7	-------	7	1,097	108	989	917	39
1	46	33	13	10,110	1,733	8,377	198	129	69	310	68	242	9,602	1,536	8,066	8,686	40
27	57	52	5	20,822	19,791	1,031	1,693	1,676	17	2,041	1,323	718	17,088	16,792	296	15,899	41
3	61	46	15	27,853	8,797	19,056	840	468	372	834	112	722	26,179	8,217	17,962	24,298	42
81	6	4	2	7,008	6,379	689	448	442	6	206	124	82	6,414	5,813	601	5,838	43
61	-------	-------	-------	2,340	2,267	73	124	123	1	91	58	33	2,125	2,086	39	1,885	44
20	26	26	-------	6,483	6,184	299	456	452	4	637	375	262	5,390	5,357	33	4,949	45
-------	1	1	-------	3,726	3,063	663	123	115	8	139	46	93	3,464	2,902	562	3,220	46
20	41	39	2	12,254	8,979	3,275	421	400	21	509	182	327	11,324	8,397	2,927	10,012	47
17	9	8	1	17,647	8,801	8,846	587	499	88	699	194	505	16,361	8,108	8,253	13,608	48
36	18	17	1	7,372	2,980	4,392	228	187	41	358	96	262	6,786	2,697	4,089	5,852	49
6	-------	-------	-------	6,110	5,836	274	228	213	15	215	74	141	5,667	5,549	118	5,566	50

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		INDUSTRIES—continued												
1	13	Monuments, tombstones, cut-stone, and stone products not elsewhere specified	23,041	22,951	690	940	895	45	21,146	20,684	462	1,474	1,292	182
2	19	Motorcycles, bicycles, and parts	10,038	8,839	1,199	79	68	2	9,444	8,443	1,001	512	316	196
3	18	Motor vehicles, motor-vehicle bodies, parts and accessories	514,276	473,039	41,237	1,281	1,209	72	497,843	460,612	37,231	14,054	10,185	3,869
4	9	Mucilage, paste, and other adhesives, except glue and rubber cement	581	423	158	51	42	9	399	281	118	129	99	30
5	20	Musical instruments, parts, and materials not elsewhere classified	4,393	3,544	849	117	108	9	3,881	3,246	635	370	165	205
6	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	3,123	2,295	828	64	53	11	2,906	2,138	768	128	79	49
7	13	Natural graphite, ground and refined	89	82	7	4	3	1	71	67	4	14	12	2
8	20	Needles, pins, hooks and eyes, and slide and snap fasteners	14,494	7,978	6,456	86	79	7	12,932	6,821	6,111	922	584	338
9	8	Newspapers, publishing and printing	208,389	175,211	33,174	4,177	3,668	509	160,875	137,483	23,392	41,025	33,756	7,269
10	8	Newspapers, publishing without printing	2,535	1,870	665	184	162	22	1,928	1,373	555	423	335	88
11	1	Nonalcoholic beverages	35,043	31,927	3,116	2,827	2,536	291	26,053	23,995	2,058	25,357	24,644	713
12	13	Nonclay refractories	6,716	6,636	80	49	46	3	6,596	6,537	59	63	46	17
13	15	Nonferrous-metal foundries (except aluminum)	12,294	11,863	431	474	441	33	11,430	11,106	324	294	224	70
14	15	Nonferrous-metal products not elsewhere classified	34,266	29,168	5,098	536	493	43	31,828	27,285	4,543	1,395	924	471
15	17	Office and store machines, not elsewhere classified	43,632	33,034	11,098	197	177	20	42,903	32,538	10,365	1,693	989	704
16	6	Office furniture	15,679	14,533	1,147	230	218	12	13,917	13,236	681	1,306	869	437
17	14	Oil burners, domestic and industrial	2,917	2,618	299	173	165	8	2,233	2,033	200	501	411	90
18	17	Oil-field machinery and tools	17,256	16,824	432	241	226	15	15,262	14,986	276	1,545	1,410	135
19	1	Oleomargarine—not made in meat-packing establishments	1,686	1,334	352	26	24	2	1,195	964	231	442	331	111
20	20	Ophthalmic goods: lenses and fittings	13,776	8,979	4,797	148	141	7	12,489	8,100	4,389	963	568	395
21	20	Optical instruments and lenses	1,873	1,513	360	32	31	1	1,686	1,373	313	108	62	46
22	20	Organs	1,328	1,160	168	51	50	1	1,154	1,007	147	123	103	20
23	16	Oven coke and coke-oven byproducts	26,414	26,222	192	26	26		25,428	25,280	148	364	328	36
24	9	Paints, varnishes, and lacquers	38,787	33,630	5,157	1,439	1,341	98	28,793	25,882	2,911	8,695	5,991	2,104
25	7	Paper and paperboard mills	134,500	120,201	14,329	871	818	53	127,335	114,040	13,295	3,047	2,153	894
26	7	Paper bags, except those made in paper mills	13,693	7,106	6,587	140	136	4	12,967	6,546	6,421	509	347	162
27	7	Paperboard containers and boxes not elsewhere classified	82,148	49,561	32,587	1,763	1,637	126	75,147	43,892	31,255	4,852	3,670	1,182
28	17	Paper-mill, pulp-mill, and paper-products machinery	7,531	7,160	371	192	177	15	6,888	6,626	262	411	320	91
29	6	Partitions, shelving, cabinet work, and office and store fixtures	18,464	17,395	1,069	702	663	39	16,071	15,342	729	1,581	1,286	295
30	10	Paving blocks and paving mixtures, asphalt, creosoted wood, and composition	3,601	3,526	75	113	111	2	3,234	3,179	55	222	204	18
31	20	Pencils (except mechanical) and crayons	5,128	2,618	2,510	81	76	5	4,399	2,172	2,227	602	324	278
32	20	Pens, mechanical pencils, and pen points	6,572	2,989	3,582	86	81	5	5,224	2,366	2,858	1,250	531	719
33	9	Perfumes, cosmetics, and other toilet preparations	16,704	6,128	10,576	571	494	77	13,122	4,207	8,915	2,911	1,344	1,567
34	8	Periodicals, publishing and printing	54,899	23,999	10,900	637	582	55	28,625	20,703	7,922	5,501	2,602	2,899
35	8	Periodicals, publishing without printing	27,257	13,821	13,436	1,859	1,609	250	15,580	7,128	8,452	9,816	5,083	4,733
36	10	Petroleum refining	102,914	101,117	1,797	335	317	18	89,189	87,624	1,565	2,513	2,324	189
37	9	Photoengraving, not done in printing establishments (including preparation of plates)	13,615	12,703	912	981	917	64	10,701	9,937	764	1,928	1,844	84
38	20	Photographic apparatus and materials and projection equipment (except lenses)	25,292	18,834	6,458	181	161	20	22,304	16,262	6,042	1,062	670	392
39	20	Piano and organ parts and materials	1,637	1,235	402	38	36	2	1,549	1,158	391	45	36	9
40	20	Pianos	6,288	5,868	520	48	44	4	6,176	5,722	454	158	96	62
41	1	Pickled fruits and vegetables and vegetable sauces and seasonings	14,893	8,451	6,442	294	275	19	13,429	7,200	6,229	1,109	915	194
42	5	Planing mills not operated in conjunction with sawmills	80,060	77,352	2,708	2,201	2,092	109	72,517	70,682	1,835	4,783	4,039	744
43	9	Plastic materials	10,576	9,577	999	44	42	2	9,479	8,601	878	429	310	119
44	5	Plywood mills	11,403	11,047	356	142	138	4	11,128	10,796	332	92	73	19
45	13	Porcelain electrical supplies	7,355	5,132	2,223	72	68	4	7,167	4,995	2,172	131	84	47
46	13	Pottery products not elsewhere classified	7,221	5,348	1,873	161	147	14	6,753	4,970	1,783	286	211	75
47	1	Poultry dressing and packing, wholesale	21,729	11,954	9,775	188	178	10	20,739	11,084	9,655	687	585	102
48	14	Power boilers and associated products	27,967	26,573	694	661	629	32	24,892	24,295	597	1,882	1,619	263
49	1	Prepared feeds (including mineral) for animals and fowls	24,759	22,691	2,068	794	742	52	18,730	17,485	1,245	4,761	4,001	760
50	1	Preserves, jams, jellies, and fruit butters	5,678	3,229	2,449	153	132	21	5,014	2,675	2,339	447	363	84
51	13	Primary smelting and refining of nonferrous metals	33,551	33,200	351	16	15	1	31,976	31,672	304	14	10	4
52	9	Printing ink	4,447	4,139	308	200	180	20	3,528	3,350	178	698	588	110
53	17	Printing-trades machinery and equipment	13,489	12,194	1,295	261	240	21	11,728	10,900	828	1,376	943	433
54	3	Processed waste and recovered wool fibers—contract factories	830	734	96	25	22	3	802	711	91	3	1	2
55	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5,793	4,648	1,145	171	161	10	5,415	4,331	1,084	189	138	51

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHERS			MANUFACTURING												
							Salaried persons						Wage earners			
							Managers			Clerks						
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
55	56	55	1	21,146	20,684	462	888	885	3	928	502	426	19,330	19,297	33	18,516	1
12	.....	.....	.....	9,444	8,443	1,001	374	370	4	361	213	148	8,709	7,860	849	6,973	2
306	792	727	65	497,843	460,612	37,231	21,186	20,963	223	23,567	16,412	7,155	453,090	423,237	29,853	397,537	3
.....	2	1	1	399	281	118	36	35	1	75	21	54	288	225	63	285	4
25	.....	.....	.....	3,881	3,246	635	187	185	2	214	73	141	3,480	2,988	492	3,191	5
25	.....	.....	.....	2,906	2,138	768	102	96	6	162	47	115	2,642	1,995	647	2,515	6
.....	.....	.....	.....	71	67	4	5	5	.....	9	5	4	57	57	.....	56	7
494	.....	.....	.....	12,932	6,821	6,111	590	500	90	1,042	590	452	11,300	5,731	5,569	10,403	8
282	26	22	4	166,875	137,483	28,392	10,091	9,599	492	52,305	34,983	17,322	98,479	92,901	5,578	96,991	9
.....	.....	.....	.....	1,928	1,373	555	271	249	22	1,394	876	518	263	248	15	260	10
210	596	542	54	26,053	23,995	2,058	2,205	2,173	32	2,534	1,095	1,439	21,314	20,727	587	21,265	11
3	5	4	1	6,596	6,537	59	196	196	.....	170	112	58	6,230	6,229	1	4,792	12
38	58	54	4	11,430	11,106	324	460	459	1	476	250	226	10,494	10,397	97	9,699	13
344	163	122	41	31,828	27,285	4,543	1,424	1,409	15	1,898	1,090	808	28,506	24,786	3,720	24,834	14
167	72	63	9	42,903	32,538	10,365	1,839	1,821	18	3,972	2,474	1,498	37,092	28,243	8,849	36,204	15
45	172	155	17	13,917	13,236	681	691	686	5	701	305	396	12,525	12,245	280	11,776	16
.....	10	9	1	2,233	2,033	200	181	181	.....	360	173	187	1,692	1,679	13	1,498	17
160	48	42	6	15,262	14,986	276	1,120	1,112	8	1,177	947	230	12,965	12,927	38	12,524	18
8	15	7	8	1,195	964	231	120	119	1	114	70	44	961	775	186	984	19
160	16	10	6	12,489	8,100	4,389	634	601	33	1,324	620	704	10,531	6,879	3,652	10,252	20
47	.....	.....	.....	1,686	1,373	313	154	148	6	54	19	35	1,478	1,206	272	1,372	21
.....	.....	.....	.....	1,154	1,007	147	43	42	1	45	19	26	1,066	946	120	989	22
502	94	86	8	25,428	25,280	148	1,333	1,333	.....	733	589	144	23,362	23,358	4	21,008	23
166	294	250	44	28,793	25,882	2,911	3,094	3,049	45	2,732	1,250	1,482	22,967	21,583	1,384	22,334	24
3,037	240	153	87	127,335	114,040	13,295	5,760	5,697	63	5,687	3,503	2,184	115,888	104,840	11,048	110,575	25
67	10	10	.....	12,967	6,546	6,421	452	425	27	444	208	236	12,071	5,913	6,158	11,081	26
326	60	36	24	75,147	43,892	31,255	2,591	2,419	172	3,254	1,312	1,942	69,302	40,161	29,141	62,530	27
26	14	11	3	6,888	6,626	262	536	532	4	670	420	250	5,682	5,674	8	5,409	28
33	77	71	6	16,071	15,342	729	777	771	6	845	454	391	14,449	14,117	332	13,826	29
29	3	3	.....	3,234	3,179	55	236	236	.....	153	98	55	2,845	2,845	.....	2,437	30
46	.....	.....	.....	4,399	2,172	2,227	251	231	20	218	106	112	3,930	1,835	2,095	3,779	31
12	.....	.....	.....	5,224	2,366	2,858	239	224	15	273	53	220	4,712	2,089	2,623	4,463	32
36	64	47	17	13,122	4,207	8,915	566	463	103	1,103	235	868	11,453	3,569	7,944	10,363	33
112	24	.....	24	28,625	20,703	7,922	1,822	1,572	250	5,637	1,967	3,670	21,166	17,164	4,002	20,985	34
.....	2	1	1	15,580	7,128	8,452	3,243	2,543	700	11,898	4,219	7,679	439	366	73	436	35
10,175	702	677	25	89,189	87,624	1,565	7,386	7,353	33	7,022	5,755	1,267	74,781	74,516	265	72,840	36
3	2	2	.....	10,701	9,937	764	490	483	7	1,136	455	681	9,075	8,999	76	9,207	37
1,686	59	55	4	22,304	16,262	6,042	1,315	1,250	65	2,923	1,713	1,210	18,066	13,299	4,767	17,271	38
5	.....	.....	.....	1,549	1,158	391	57	56	1	41	20	21	1,451	1,082	369	1,315	39
6	.....	.....	.....	6,176	5,722	454	240	240	.....	224	103	121	5,712	5,379	333	5,311	40
34	27	27	.....	13,429	7,200	6,229	370	348	22	452	148	304	12,607	6,704	5,903	9,908	41
145	414	394	20	72,517	70,682	1,835	3,071	3,057	14	2,790	1,725	1,065	66,656	65,900	756	62,838	42
612	12	12	.....	9,479	8,601	878	895	875	20	1,122	761	361	7,462	6,965	497	6,966	43
28	16	15	1	11,125	10,793	332	299	299	.....	215	113	102	10,611	10,381	230	9,805	44
44	1	1	.....	7,107	4,935	2,172	347	330	17	284	138	146	6,476	4,467	2,009	6,018	45
16	5	4	1	6,753	4,970	1,783	247	229	18	203	61	142	6,303	4,680	1,623	6,054	46
19	96	88	8	20,739	11,084	9,655	574	558	16	661	292	369	19,504	10,234	9,270	14,506	47
21	11	9	2	24,892	24,295	597	1,266	1,264	2	2,780	2,189	591	20,846	20,842	4	18,888	48
243	231	220	11	18,730	17,485	1,245	1,183	1,171	12	1,564	766	798	15,983	15,548	435	15,401	49
23	41	36	5	5,014	2,675	2,339	180	162	18	213	80	133	4,621	2,433	2,188	3,717	50
659	886	844	42	31,976	31,672	304	2,170	2,160	10	1,531	1,256	275	28,275	28,256	19	27,630	51
7	14	14	.....	3,528	3,350	178	522	520	2	363	208	155	2,643	2,622	21	2,572	52
20	104	91	13	11,728	10,900	828	831	823	8	1,171	720	451	9,726	9,357	369	9,376	53
.....	.....	.....	.....	802	711	91	23	23	.....	23	8	15	756	680	76	619	54
18	.....	.....	.....	5,415	4,331	1,084	178	176	2	209	83	126	5,028	4,072	956	4,225	55

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		INDUSTRIES—continued												
1	20	Professional and scientific instruments (except surgical and dental)	14,611	12,001	2,610	262	237	25	12,889	10,805	2,084	1,165	751	414
2	6	Public-building furniture	7,663	7,060	603	141	132	9	7,278	6,750	528	228	162	66
3	7	Pulp goods (pressed, molded)	935	623	312	18	17	1	855	559	296	62	47	15
4	7	Pulp mills	32,594	32,268	326	65	64	1	31,105	30,790	315	36	23	13
5	17	Pumping equipment and air compressors	28,347	26,094	2,253	491	459	32	24,714	23,303	1,411	2,831	2,081	750
6	1	Quick-frozen foods	5,050	1,771	3,279	19	17	2	4,987	1,712	3,275	38	37	1
7	16	Radios, radio tubes, and phonographs	67,838	34,541	33,297	361	332	29	62,813	30,914	31,899	3,901	2,545	1,356
8	4	Raincoats and other waterproof garments (except oiled cotton)	3,210	1,240	1,970	72	70	2	2,956	1,023	1,933	179	144	35
9	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1,935	1,498	397	56	55	1	1,652	1,277	375	96	76	20
10	9	Rayon and allied products	57,693	42,639	14,424	36	35	1	55,154	40,842	14,312	207	137	70
11	3	Rayon broad woven goods—contract factories	5,138	2,859	2,299	77	73	4	5,066	2,780	2,286	15	6	9
12	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	71,977	43,015	28,962	228	220	8	71,518	42,631	28,887	222	162	60
13	3	Rayon narrow fabrics	7,914	3,768	4,146	113	107	6	7,388	3,427	3,961	302	223	79
14	3	Rayon throwing and spinning—contract factories	2,814	1,054	1,760	21	20	1	2,786	1,028	1,758	7	6	1
15	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	6,918	2,964	3,954	62	57	5	6,801	2,863	3,938	50	39	11
16	11	Reclaimed rubber	1,287	1,262	25	16	15	1	1,173	1,158	15	31	24	7
17	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	39,743	35,450	4,293	388	369	19	36,344	32,755	3,589	2,627	1,975	652
18	1	Rice cleaning and polishing	3,961	3,841	120	83	79	4	3,598	3,489	109	213	206	7
19	4	Robes, lounging garments, and dressing gowns	10,903	2,182	8,721	191	162	29	10,091	1,575	8,516	572	415	157
20	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	11,238	10,829	409	68	65	3	10,113	9,903	210	900	706	194
21	13	Roofing tile	767	762	5	7	5	2	744	741	3	16	16	----------
22	11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	18,031	9,574	9,627	29	29	----------	17,436	8,801	8,635	994	614	380
23	11	Rubber products not elsewhere classified	68,455	48,969	19,486	741	689	52	62,624	44,464	18,160	4,003	2,741	1,262
24	12	Saddlery, harness, and whips	3,546	2,973	573	111	102	9	3,205	2,675	530	221	187	34
25	14	Safes and vaults	1,690	1,620	70	22	20	2	1,575	1,518	57	84	73	11
26	1	Salad dressings	3,530	2,155	1,375	76	71	5	2,501	1,602	1,299	500	446	54
27	9	Salt	5,055	4,454	601	30	29	1	4,614	4,044	570	234	207	27
28	13	Sand-lime brick, block and tile	432	424	8	16	15	1	375	369	6	34	33	1
29	1	Sausage casings—not made in meat-packing establishments	1,275	539	736	28	24	4	1,136	433	703	111	82	29
30	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	17,322	13,388	3,934	554	518	36	12,859	9,308	3,551	3,720	3,387	333
31	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	300,896	294,948	4,748	2,147	2,073	74	300,133	296,084	4,049	3,998	3,512	486
32	14	Saws	5,605	5,231	462	97	92	5	5,372	5,004	368	218	129	89
33	17	Scales and balances	3,838	3,419	414	82	79	3	3,438	3,130	308	306	203	103
34	14	Screw-machine products and wood screws	21,992	18,820	3,082	458	433	25	20,345	17,672	2,673	991	609	382
35	15	Secondary smelting and refining, gold, silver, and platinum	1,832	1,489	343	57	54	3	1,387	1,163	224	342	229	113
36	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	4,968	4,778	190	140	132	8	4,442	4,334	108	292	221	71
37	13	Sewer pipe and kindred products	7,390	7,314	76	77	75	2	7,080	7,036	44	195	166	29
38	17	Sewing machines, domestic and industrial	9,534	8,179	1,355	56	55	1	8,916	7,646	1,270	286	202	84
39	15	Sheet-metal work not specifically classified	27,608	26,221	1,387	1,102	1,025	77	24,113	23,136	977	2,479	1,950	529
40	19	Ship building and ship repairing	80,685	79,664	1,021	483	464	19	79,353	78,436	917	396	322	74
41	20	Signs, advertising displays, and advertising novelties	24,348	18,504	5,844	1,023	945	78	20,430	15,481	4,949	2,824	2,007	817
42	3	Silk broad woven goods—contract factories	1,390	777	613	20	20	----------	1,367	755	612	3	2	1
43	3	Silk broad woven goods—regular factories or jobbers engaging contractors	10,244	5,874	4,470	84	80	4	10,212	5,758	4,455	45	34	11
44	3	Silk narrow fabrics	5,004	2,739	2,265	88	82	6	4,857	2,615	2,242	52	35	17
45	3	Silk throwing and spinning—contract factories	13,779	3,666	10,167	60	59	1	13,690	3,586	10,104	21	19	2
46	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	10,234	2,703	7,531	48	45	3	10,015	2,521	7,494	163	129	34
47	15	Silverware and plated ware	15,548	11,781	3,767	215	201	14	14,245	10,938	3,307	966	523	443
48	12	Small leather goods	5,408	1,966	3,442	106	99	7	4,937	1,631	3,306	365	236	129
49	9	Soap and glycerin	21,591	17,556	4,035	285	267	18	18,169	14,834	3,335	2,521	1,847	674
50	18	Soda fountains, beer dispensing equipment, and related products	2,020	1,927	93	52	48	4	1,853	1,792	61	114	86	28
51	9	Soybean oil, cake, and meal	2,359	2,266	93	17	16	1	2,151	2,082	69	192	79	23
52	1	Special dairy products	3,262	2,151	1,111	34	29	5	2,885	1,889	996	285	195	90
53	17	Special industry machinery, not elsewhere classified	13,697	12,961	736	317	298	19	12,531	11,967	564	802	650	152

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING												
							Salaried persons						Wage earners			
							Managers			Clerks						
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
84	211	124	87	12,889	10,805	2,084	757	753	4	1,958	1,349	609	10,174	8,703	1,471	9,429	1
10	6	6	----	7,278	6,750	528	273	271	2	504	277	227	6,501	6,202	299	5,900	2
----	----	----	----	855	559	296	40	38	2	35	22	13	780	499	281	701	3
1,120	208	171	37	31,105	30,790	315	1,412	1,411	1	902	662	240	28,791	28,717	74	26,870	4
130	181	121	60	24,714	23,303	1,411	1,918	1,901	17	2,456	1,636	820	20,340	19,766	574	19,180	5
3	3	2	1	4,987	1,712	3,275	52	51	1	70	36	34	4,865	1,625	3,240	2,640	6
640	123	110	13	62,813	30,914	31,899	4,107	3,902	205	3,284	1,603	1,681	55,422	25,409	30,013	43,508	7
----	3	3	----	2,956	1,023	1,933	62	52	10	89	16	73	2,805	955	1,850	2,323	8
----	1	----	1	1,652	1,277	375	54	51	3	47	25	22	1,551	1,201	350	1,377	9
1,380	286	245	41	55,154	40,842	14,312	3,198	2,933	265	2,032	1,141	891	49,924	36,768	13,156	48,332	10
----	----	----	----	5,066	2,780	2,286	87	80	7	82	13	69	4,897	2,687	2,210	4,313	11
----	9	2	7	71,518	42,631	28,887	1,135	1,107	28	1,270	491	779	69,113	41,033	28,080	65,432	12
6	5	5	----	7,388	3,427	3,961	249	226	23	257	103	154	6,882	3,098	3,784	5,999	13
----	----	----	----	2,786	1,028	1,758	54	48	6	41	7	34	2,691	973	1,718	2,423	14
5	----	----	----	6,801	2,863	3,938	157	154	3	181	52	129	6,463	2,657	3,806	5,930	15
62	5	3	2	1,173	1,158	15	56	56	----	40	35	5	1,077	1,067	10	1,072	16
201	183	150	33	36,344	32,755	3,589	1,936	1,907	29	2,679	1,824	855	31,729	29,024	2,705	35,160	17
13	54	54	----	3,598	3,489	109	226	223	3	283	239	44	3,089	3,027	62	2,346	18
3	46	27	19	10,091	1,575	8,516	266	171	95	261	32	229	9,564	1,372	8,192	7,377	19
145	12	10	2	10,113	9,903	210	518	516	2	483	335	148	9,112	9,052	60	8,048	20
----	----	----	----	744	741	3	41	41	----	34	31	3	669	669	----	628	21
109	33	21	12	17,436	8,801	8,635	949	885	64	1,123	321	802	15,364	7,595	7,769	14,861	22
955	132	120	12	62,624	44,464	18,160	2,812	2,684	128	3,854	1,980	1,874	55,958	39,800	16,158	50,692	23
6	3	3	----	3,205	2,675	530	125	122	3	130	42	88	2,950	2,511	439	2,755	24
3	6	6	----	1,575	1,518	57	68	68	----	139	87	52	1,368	1,363	5	1,236	25
18	35	18	17	2,901	1,602	1,299	120	110	10	206	64	142	2,575	1,428	1,147	2,556	26
168	9	6	3	4,614	4,044	570	145	143	2	232	129	103	4,237	3,772	465	3,737	27
7	----	----	----	375	369	6	18	17	1	8	3	5	349	349	----	346	28
----	----	----	----	1,136	433	703	40	34	6	28	14	14	1,068	385	683	987	29
59	130	116	14	12,859	9,308	3,551	596	591	5	662	301	361	11,601	8,416	3,185	11,277	30
2,388	730	591	139	300,133	296,084	4,049	7,618	7,593	25	5,206	3,536	1,670	287,309	284,955	2,354	265,185	31
5	1	1	----	5,372	5,004	368	202	202	----	307	163	144	4,863	4,639	224	4,072	32
6	1	1	----	3,438	3,130	308	205	204	1	318	197	121	2,915	2,729	186	2,839	33
94	14	12	2	20,345	17,672	2,673	850	843	7	969	466	503	18,526	16,363	2,163	16,924	34
----	46	43	3	1,387	1,163	224	79	79	----	102	55	47	1,206	1,029	177	1,115	35
56	38	35	3	4,442	4,334	108	383	382	1	233	134	99	3,826	3,818	8	3,608	36
36	2	1	1	7,080	7,036	44	194	194	----	141	99	42	6,745	6,743	2	6,406	37
273	3	3	----	8,916	7,646	1,270	427	425	2	683	352	331	7,806	6,869	937	7,840	38
26	97	84	13	24,113	23,136	977	1,062	1,061	1	1,234	590	644	21,817	21,485	332	18,749	39
345	108	97	11	79,353	78,436	917	3,125	3,113	12	4,050	3,181	869	72,178	72,142	36	66,611	40
68	3	3	----	20,430	15,481	4,949	925	870	55	1,321	406	915	18,184	14,205	3,979	17,206	41
----	----	----	----	1,367	755	612	27	26	1	23	2	21	1,317	727	590	1,096	42
----	2	2	----	10,213	5,758	4,455	285	254	31	337	146	191	9,591	5,358	4,233	8,754	43
----	7	7	----	4,857	2,615	2,242	152	136	16	133	38	95	4,572	2,441	2,131	4,309	44
2	----	----	----	13,690	3,586	10,104	267	226	41	207	54	153	13,216	3,306	9,910	12,374	45
5	3	3	----	10,015	2,521	7,494	298	243	55	188	70	118	9,529	2,208	7,321	9,191	46
60	62	59	3	14,245	10,938	3,307	458	450	8	846	329	517	12,941	10,159	2,782	12,105	47
----	----	----	----	4,637	1,631	3,306	79	75	4	185	67	118	4,073	1,489	3,184	3,615	48
386	30	22	8	18,169	14,834	3,335	1,539	1,502	37	1,806	1,026	780	14,824	12,306	2,518	13,624	49
1	----	----	----	1,853	1,792	61	114	114	----	156	99	57	1,583	1,579	4	1,590	50
87	2	2	----	2,151	2,082	69	154	154	----	167	104	63	1,830	1,824	6	1,481	51
10	48	28	20	2,885	1,889	996	171	148	23	159	71	88	2,555	1,670	885	2,378	52
12	35	34	1	12,531	11,967	564	756	755	1	1,338	866	472	10,437	10,346	91	10,388	53

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS,

[See note at

	Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		INDUSTRIES—continued												
1	20	Sporting and athletic goods not elsewhere classified	16,388	10,710	5,678	324	296	28	15,028	9,746	5,282	955	587	368
2	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3,942	3,805	137	71	67	4	3,661	3,565	96	197	160	37
3	14	Stamped and pressed metal products (except automobile stampings)	42,301	31,906	10,395	876	799	77	39,590	29,870	9,720	1,708	1,115	593
4	13	Stationary and art goods (except stone and concrete)—factory production	1,258	1,055	203	65	60	5	1,147	966	181	43	26	17
5	14	Steam and hot-water heating apparatus (including hot-water furnaces)	11,092	10,788	304	76	72	4	10,485	10,319	166	521	387	134
6	13	Steam and other packing; pipe and boiler covering	8,020	5,765	2,255	161	143	18	7,115	5,118	1,997	673	437	236
7	17	Steam engines, turbines, and water wheels	5,759	5,493	266	44	43	1	5,380	5,180	200	312	248	64
8	14	Steam fittings, regardless of material	30,192	26,658	3,444	329	313	16	28,228	25,263	2,965	1,466	1,013	453
9	14	Steel barrels, kegs, and drums	8,196	7,267	929	71	68	3	7,854	6,964	890	260	224	36
10	14	Steel castings	39,922	39,235	687	335	320	15	38,400	37,932	468	875	696	179
11	14	Steel works and rolling mills	454,747	447,259	7,488	384	380	4	444,520	437,866	6,654	2,942	2,209	733
12	17	Stokers, mechanical, domestic and industrial	5,265	4,942	323	89	84	5	4,546	4,404	142	591	415	176
13	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	55,487	52,057	3,430	724	693	31	50,669	48,024	2,645	3,861	3,116	745
14	12	Suitcases, brief cases, bags, trunks, and other luggage	10,673	7,529	3,144	349	334	15	9,634	6,715	2,919	688	478	210
15	29	Surgical and medical instruments	2,271	1,763	508	80	74	6	1,964	1,458	446	282	226	56
16	29	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	13,721	7,659	6,062	293	256	37	10,736	5,579	5,157	2,471	1,603	868
17	4	Suspenders, garters, and other goods made from purchased elastic material	3,483	904	2,579	54	49	5	3,088	648	2,440	336	202	134
18	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	32,272	24,873	7,399	183	177	6	30,979	23,897	7,082	902	591	311
19	9	Tanning materials, natural dyestuffs, mordants, mustants, and sizes	4,170	3,871	299	168	150	18	3,461	3,276	185	405	327	78
20	13	Terra cotta	1,272	1,302	20	14	14	.....	1,268	1,250	18	24	22	2
21	4	Textile bags—not made in textile mills	15,142	5,881	9,261	159	150	9	14,198	5,174	9,024	758	533	225
22	17	Textile machinery	27,978	26,136	1,842	411	381	30	25,429	23,864	1,565	1,602	1,368	234
23	15	Tin and other foils (except gold and silver foil)	1,723	1,537	186	9	9	.....	1,643	1,487	156	67	35	32
24	14	Tin cans and other tinware not elsewhere classified	40,498	29,698	10,800	176	166	10	38,875	28,276	10,599	819	637	182
25	11	Tires and inner tubes	71,041	59,956	11,085	116	114	2	66,887	56,997	9,890	3,540	2,362	1,178
26	2	Tobacco (chewing and smoking) and snuff	11,090	6,117	4,973	121	113	8	10,175	5,305	4,870	592	518	74
27	20	Tobacco pipes and cigarette holders	2,900	2,098	802	46	46	.....	2,694	1,964	730	154	82	72
28	10	Tools (except edge tools, machine tools, files, and saws)	19,573	16,844	2,729	457	422	35	17,977	15,647	2,330	1,062	698	364
29	17	Tractors	40,388	39,061	1,327	48	47	1	38,622	37,740	882	1,535	1,099	436
30	19	Transportation equipment not elsewhere classified	1,587	1,530	57	51	48	3	1,453	1,415	38	73	57	16
31	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	7,211	2,524	4,687	230	224	6	6,646	2,007	4,639	295	254	41
32	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5,085	2,142	2,943	165	155	10	4,411	1,626	2,785	488	341	147
33	4	Trousers (semidress), wash suits, and washable service apparel	22,094	4,632	17,462	247	228	19	21,123	3,926	17,197	691	509	182
34	20	Umbrellas, parasols, and canes	3,606	1,519	2,087	78	70	8	3,416	1,367	2,049	112	82	30
35	6	Upholstered household furniture	36,770	31,918	4,852	871	813	58	33,831	29,480	4,351	1,997	1,564	433
36	9	Vegetable and animal oils, not elsewhere classified	1,853	1,758	95	43	41	2	1,660	1,595	65	118	90	28
37	17	Vending, amusement, and other coin-operated machines	4,860	4,187	673	71	60	11	4,425	3,879	546	354	238	116
38	6	Venetian blinds	7,178	5,197	1,981	175	160	15	6,240	4,507	1,733	716	484	232
39	1	Vinegar and cider	2,120	1,787	333	43	40	3	1,994	1,676	318	71	59	12
40	13	Vitreous-china plumbing fixtures	5,374	5,034	340	47	44	3	5,208	4,902	304	107	74	33
41	14	Vitreous-enameled products, including kitchen, household, and hospital utensils	13,518	10,238	3,280	133	130	3	12,951	9,831	3,120	394	238	156
42	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	8,537	8,245	292	125	120	5	7,879	7,669	210	435	358	77
43	7	Wallpaper	5,229	4,368	861	81	72	9	4,812	4,057	755	324	227	97
44	15	Watchcases	3,493	2,467	1,026	51	48	3	3,165	2,230	935	188	110	78
45	13	Waterware	12,896	7,824	5,072	63	60	3	12,417	7,447	4,970	192	101	91
46	6	Window and door screens and weather strip	3,687	3,251	436	131	120	11	3,199	2,841	358	338	272	66
47	6	Window shades	4,197	2,811	1,386	110	100	10	3,711	2,438	1,273	365	262	103
48	1	Wines	4,622	4,189	433	172	160	12	3,691	3,354	337	585	501	84
49	14	Wire drawn from purchased rods	27,546	24,173	3,337	159	150	9	26,420	23,329	3,091	790	559	231
50	14	Wirework not elsewhere classified	39,223	30,358	8,869	714	666	54	36,874	28,523	8,351	1,512	1,050	462
51	16	Wiring devices and supplies	18,169	13,299	5,870	260	242	18	17,763	12,262	5,501	1,075	725	350
52	4	Women's and misses' blouses and waists—made in contract factories	6,039	529	5,510	36	34	2	5,985	485	5,500	11	4	7
53	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	6,238	1,432	4,806	145	131	14	5,413	812	4,601	664	481	183

See footnote at end of table.

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING												
							Salaried persons						Wage-earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
81	.....	.....	.....	15,028	9,746	5,282	710	655	55	747	282	465	13,571	8,809	4,762	13,816	1
8	5	5	.....	3,661	3,565	96	161	161	.....	209	143	66	3,291	3,261	30	2,940	2
90	37	32	5	39,590	29,870	9,720	1,553	1,504	49	1,986	1,019	967	36,051	27,347	8,704	33,112	3
.....	3	3	.....	1,147	966	181	34	33	1	44	15	29	1,069	918	151	983	4
10	.....	.....	.....	10,485	10,319	166	450	449	1	474	318	156	9,561	9,552	9	8,493	5
53	18	14	4	7,115	5,118	1,997	321	318	3	398	157	241	6,396	4,643	1,753	5,967	6
22	1	.....	1	5,380	5,180	200	222	218	4	1,028	859	169	4,130	4,103	27	3,902	7
27	52	42	10	28,228	25,263	2,965	1,539	1,523	16	2,703	1,808	895	23,986	21,932	2,054	21,815	8
11	.....	.....	.....	7,854	6,964	890	286	284	2	264	179	85	7,304	6,501	803	6,072	9
258	54	29	25	38,400	37,932	468	2,093	2,085	8	1,864	1,435	429	34,443	34,412	31	30,088	10
6,576	325	228	97	444,520	437,866	6,654	14,490	14,400	90	19,659	17,013	2,646	410,371	405,453	3,918	368,904	11
29	10	10	.....	4,546	4,404	142	253	252	1	406	265	141	3,887	3,887	.....	3,549	12
75	158	149	9	50,669	48,024	2,645	1,933	1,920	13	2,532	1,380	1,152	46,204	44,724	1,480	41,791	13
1	1	1	.....	9,634	6,715	2,919	273	266	7	286	71	215	9,075	6,378	2,697	8,326	14
2	3	3	.....	1,904	1,458	446	100	93	7	139	36	103	1,665	1,329	336	1,626	15
221	.....	.....	.....	10,736	5,579	5,157	462	398	64	1,214	478	736	9,060	4,703	4,357	8,468	16
.....	5	5	.....	3,088	648	2,440	132	80	52	117	49	68	2,839	519	2,320	2,558	17
182	26	26	.....	30,979	23,897	7,082	1,256	1,230	26	1,441	703	738	28,282	21,964	6,318	27,330	18
67	69	51	18	3,461	3,276	185	361	354	7	271	113	158	2,829	2,809	20	2,716	19
16	.....	.....	.....	1,268	1,250	18	83	83	.....	61	45	16	1,124	1,122	2	1,099	20
15	12	9	3	14,198	5,174	9,024	477	418	59	491	210	281	13,230	4,546	8,684	11,991	21
361	175	162	13	25,429	23,864	1,565	1,130	1,118	12	1,676	1,020	656	22,623	21,726	897	21,904	22
.....	6	6	.....	1,643	1,487	156	54	54	.....	77	46	31	1,512	1,387	125	1,328	23
519	19	10	9	38,875	28,276	10,599	2,013	1,954	59	2,697	1,846	851	34,165	24,476	9,689	31,770	24
426	72	57	15	66,887	56,997	9,890	3,633	3,581	52	5,287	3,512	1,755	57,987	49,904	8,083	54,115	25
84	118	97	21	10,175	5,305	4,870	408	391	17	445	233	212	9,322	4,681	4,641	9,202	26
6	.....	.....	.....	2,694	1,964	730	72	62	10	55	11	44	2,567	1,891	676	2,481	27
66	11	11	.....	17,977	15,647	2,330	977	971	6	1,152	521	631	15,848	14,155	1,693	15,343	28
167	16	8	8	38,622	37,740	882	2,801	2,793	8	3,420	2,787	633	32,401	32,160	241	31,275	29
10	.....	.....	.....	1,453	1,415	38	80	80	.....	77	40	37	1,296	1,295	1	1,252	30
5	35	34	1	6,646	2,007	4,639	80	59	21	99	13	86	6,467	1,935	4,532	5,553	31
																	4
7	14	13	1	4,411	1,626	2,785	137	105	32	196	45	151	4,078	1,476	2,602	3,728	32
7	26	22	4	21,123	3,926	17,197	368	248	120	440	107	333	20,315	3,571	16,744	19,541	33
.....	.....	.....	.....	3,416	1,367	2,049	87	81	6	97	26	71	3,232	1,260	1,972	2,862	34
16	55	45	10	33,831	29,480	4,351	1,169	1,135	34	1,194	390	804	31,468	27,955	3,513	29,949	35
28	4	4	.....	1,660	1,595	65	108	105	3	83	50	33	1,469	1,440	29	1,108	36
8	2	2	.....	4,425	3,879	546	266	262	4	227	100	127	3,932	3,517	415	3,842	37
29	18	17	1	6,240	4,507	1,733	242	226	16	371	117	254	5,627	4,164	1,463	5,179	38
.....	12	12	.....	1,994	1,676	318	79	78	1	66	13	53	1,849	1,585	264	1,059	39
13	1	1	.....	5,206	4,902	304	199	199	.....	245	163	82	4,762	4,540	222	4,534	40
39	1	.....	1	12,951	9,831	3,120	508	498	10	596	356	240	11,847	8,977	2,870	10,809	41
77	21	21	.....	7,879	7,669	210	414	414	.....	435	290	145	7,030	6,965	65	6,227	42
9	.....	.....	.....	4,812	4,057	755	206	202	4	211	89	122	4,395	3,766	629	4,054	43
41	48	38	10	3,165	2,230	935	150	149	1	199	79	120	2,816	2,002	814	2,409	44
190	34	26	8	12,417	7,447	4,970	296	285	11	270	83	187	11,851	7,079	4,772	11,728	45
1	18	17	1	3,199	2,841	358	109	108	1	189	70	119	2,901	2,663	238	2,830	46
7	4	4	.....	3,711	2,438	1,273	132	124	8	193	61	132	3,386	2,253	1,133	3,281	47
109	65	65	.....	3,691	3,354	337	235	231	4	269	108	161	3,187	3,015	172	2,056	48
123	18	12	6	26,420	23,329	3,091	1,324	1,305	19	1,597	1,093	504	23,499	20,931	2,568	21,969	49
91	34	32	2	36,874	28,523	8,351	1,451	1,426	25	1,728	856	872	33,695	26,241	7,454	30,386	50
45	17	16	1	17,763	12,262	5,501	813	794	19	1,186	557	629	15,764	10,911	4,853	14,364	51
1	3	2	1	5,985	485	5,500	53	35	18	36	5	31	5,896	445	5,451	5,109	52
.....	13	8	5	5,413	812	4,601	130	79	51	185	15	170	5,098	718	4,380	4,564	53

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS

[See note at

	Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION		
						Total	Males	Females	Total	Males	Females	Total	Males	Females
		INDUSTRIES—continued												
1	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	4,268	685	3,583	42	38	4	4,215	644	3,571	8	2	6
2	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	8,085	2,146	5,939	199	187	12	7,186	1,481	5,705	665	460	205
3	4	Women's and misses' dresses (except house dresses)—made in contract factories	58,397	11,856	46,451	569	500	69	57,512	11,176	46,336	140	102	38
4	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	72,394	22,625	49,769	1,841	1,705	136	62,079	15,232	46,847	7,979	5,454	2,525
5	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	13,213	1,711	11,502	110	101	9	12,754	1,362	11,392	315	221	94
6	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	7,918	1,018	6,900	133	120	13	7,430	651	6,779	326	222	104
7	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	24,785	2,695	22,090	291	255	36	23,594	1,824	21,770	851	582	269
8	4	Women's neckwear, scarfs, etc	2,337	543	1,794	75	69	6	1,996	290	1,706	260	178	82
9	12	Women's pocketbooks, handbags, and purses	18,205	6,949	11,256	320	303	17	17,221	6,155	11,066	651	486	165
10	6	Wooden boxes except cigar boxes	30,328	27,767	2,561	487	461	26	29,149	26,714	2,435	544	451	93
11	9	Wood naval stores	3,148	3,106	42	34	34	--------	2,893	2,855	38	26	22	4
12	6	Wood preserving	12,674	12,540	134	94	88	6	12,228	12,129	99	180	151	29
13	6	Wood products not elsewhere classified	26,679	22,053	4,626	625	572	53	25,392	21,586	3,806	570	410	160
14	17	Woodworking machinery	5,317	4,892	425	222	203	19	4,511	4,295	216	553	364	189
15	3	Woolen and worsted manufactures—contract factories	7,569	5,849	1,720	85	80	5	7,420	5,711	1,709	39	33	6
16	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	161,450	95,194	66,316	847	796	51	159,589	93,617	65,972	830	549	281
17	20	Wool pulling	928	928	10	23	22	1	916	903	7	2	--------	2
18	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	68,117	12,891	55,226	694	632	62	64,487	10,055	54,432	2,745	2,055	690
19	4	Work gloves and mittens: cloth, cloth and leather combined	10,152	2,093	8,059	70	65	5	9,928	1,915	8,013	148	108	40
20	4	Work shirts	15,683	1,799	13,884	64	58	6	15,365	1,532	13,833	155	116	39
21	9	Writing ink	500	256	244	22	22	--------	325	137	188	153	97	56
22	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	11,067	10,397	670	66	62	4	10,602	10,093	509	265	199	66
23	16	X-ray and therapeutic apparatus and electronic tubes	3,069	2,618	451	104	94	10	2,607	2,289	318	354	232	122

BY SEX, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

head of table]

Construction, total (males)	ALL OTHER			MANUFACTURING													
							Salaried persons						Wage earners				
							Managers			Clerks							
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for the year [1]	
1	2	-------	2	4,215	644	3,571	46	39	7	35	3	32	4,134	602	3,532	3,703	1
2	33	16	17	7,186	1,481	5,705	165	110	55	190	20	170	6,831	1,351	5,480	6,281	2
1	85	77	8	57,512	11,176	46,336	384	243	141	238	53	185	56,890	10,880	46,010	49,742	3
17	478	217	261	62,079	15,232	46,847	1,467	876	591	2,514	391	2,123	58,098	13,965	44,133	53,996	4
2	32	25	7	12,754	1,362	11,392	285	159	126	332	103	229	12,137	1,100	11,037	11,349	5
9	20	16	4	7,430	651	6,779	131	84	47	193	35	158	7,106	532	6,574	6,398	6
5	44	29	15	23,594	1,824	21,770	441	261	180	483	47	436	22,670	1,516	21,154	20,509	7
-------	6	6	-------	1,996	290	1,706	54	26	28	72	11	61	1,870	253	1,617	1,931	8
1	12	4	8	17,221	6,155	11,066	361	324	37	307	41	266	16,553	5,790	10,763	14,048	9
47	101	94	7	29,149	26,714	2,435	829	823	6	650	365	285	27,670	25,526	2,144	25,351	10
192	3	3	-------	2,893	2,855	38	192	191	1	124	101	23	2,577	2,563	14	2,353	11
167	5	5	-------	12,228	12,129	99	555	550	5	280	291	89	11,293	11,288	5	11,242	12
49	43	36	7	25,392	21,586	3,806	931	910	21	877	337	540	23,584	20,339	3,245	21,993	13
3	28	27	1	4,511	4,295	216	315	314	1	378	200	178	3,818	3,781	37	3,622	14
11	5	5	-------	7,420	5,711	1,709	189	184	5	194	100	94	7,037	5,427	1,610	6,072	15
124	60	48	12	159,589	93,617	65,972	4,065	3,972	93	2,856	1,533	2,323	151,668	88,112	63,556	140,622	16
3	-------	-------	-------	910	903	7	33	33	-------	13	6	7	864	864	-------	836	17
35	156	114	42	64,487	10,055	54,432	1,233	867	366	1,219	266	953	62,035	8,922	53,113	56,959	18
4	2	1	1	9,928	1,915	8,013	195	128	67	118	19	99	9,615	1,768	7,847	8,901	19
9	90	84	6	15,365	1,532	13,833	286	187	99	216	41	175	14,863	1,394	13,559	13,449	20
-------	-------	-------	-------	325	137	188	26	24	2	38	7	31	261	106	155	254	21
30	14	13	1	10,692	10,093	599	453	446	7	472	337	135	9,767	9,310	457	8,370	22
-------	4	3	1	2,607	2,289	318	232	230	2	356	186	170	2,019	1,873	146	1,959	23

[1] Each figure is the 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. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied should be taken into account. The wage-earner average for the United States is not necessarily identical with the sum of the averages for the several industries, because each average, whether for the United States or for a single industry (being a quotient—usually ending in a fraction—obtained by dividing the total of the corresponding monthly figures by 12), is correct only to the nearest unit.

TABLE 3.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939

Group No.	Industry group and industry	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	Manufacturing: Total	Manufacturing: Managers, etc.	Manufacturing: Clerks, etc.	Manufacturing: Wage earners
	All industries	$12,636,584,283	$738,910,425	$10,873,287,858	$1,032,735,382	$107,557,384	$43,973,321	$10,873,287,858	$1,042,458,324	$741,616,618	$9,089,946,916
	INDUSTRY GROUPS										
1	Food and kindred products	1,463,558,160	97,839,168	1,078,009,272	259,440,391	12,153,537	16,025,702	1,078,009,272	102,692,541	62,621,781	912,694,950
2	Tobacco manufactures	88,772,449	2,687,400	77,108,005	6,031,377	328,899	536,708	77,108,005	8,033,015	2,635,273	66,439,717
3	Textile-mill products and other fiber manufactures	1,093,020,063	50,792,288	1,008,912,461	31,732,012	2,192,287	1,390,305	1,008,912,461	68,231,379	32,301,797	908,379,285
4	Apparel and other finished products made from fabrics and similar materials	861,294,405	71,708,720	713,283,933	73,485,558	612,378	2,203,817	713,283,933	37,089,834	21,792,236	654,401,873
5	Lumber and timber basic products	391,672,829	18,390,752	343,579,932	13,377,661	3,759,371	1,556,135	343,579,932	22,457,138	10,741,353	310,381,443
6	Furniture and finished lumber products	382,183,885	32,576,230	315,458,192	32,846,805	684,553	1,121,105	315,458,192	26,080,880	14,638,838	274,738,465
7	Paper and allied products	434,797,384	32,708,460	364,964,506	31,089,743	6,865,547	1,208,099	364,964,506	36,367,049	18,540,878	309,856,579
8	Printing, publishing, and allied industries	977,703,397	98,716,764	725,467,663	150,585,802	1,705,982	228,176	725,467,663	85,208,165	146,642,839	493,615,659
9	Chemicals and allied products	621,089,396	48,373,430	472,945,016	79,301,348	16,705,579	3,763,003	472,945,016	79,851,947	36,917,167	356,175,902
10	Products of petroleum and coal	296,131,477	3,475,846	218,319,274	7,699,148	19,298,766	1,338,443	218,319,274	28,356,566	16,260,890	173,701,818
11	Rubber products	226,032,137	7,151,196	198,715,454	18,207,947	2,354,858	312,677	198,715,454	21,568,346	15,737,297	161,409,811
12	Leather and leather products	398,373,544	22,606,217	327,449,275	16,375,435	431,412	120,206	327,449,275	22,438,737	10,711,820	294,299,718
13	Stone, clay, and glass products	440,260,138	34,777,252	383,489,941	26,331,417	4,709,519	980,000	383,489,941	35,971,933	17,949,081	329,558,927
14	Iron and steel and their products except machinery	1,606,240,869	73,882,378	1,537,227,307	60,266,585	13,071,813	1,782,586	1,537,227,307	134,744,128	88,849,982	1,313,633,202
15	Nonferrous metals and their products	422,043,616	27,995,301	357,297,475	28,309,537	5,476,271	2,875,032	357,297,475	34,568,464	28,509,344	299,219,667
16	Electrical machinery	519,867,970	20,452,662	454,981,508	38,572,776	4,138,706	1,722,229	454,981,508	65,631,722	53,530,342	335,819,534
17	Machinery (except electrical)	1,109,837,925	71,947,140	934,617,512	93,568,714	5,244,288	4,480,269	934,617,512	106,593,896	79,738,854	748,285,262
18	Automobiles and automobile equipment	793,484,269	10,471,423	751,142,505	29,858,934	640,137	1,373,210	751,142,505	63,579,148	41,157,466	646,405,891
19	Transportation equipment except automobiles	309,843,437	7,527,861	295,378,102	5,200,972	1,457,474	279,028	295,378,102	32,905,508	26,218,654	239,253,940
20	Miscellaneous industries	397,405,170	35,369,392	314,908,435	40,984,185	5,546,077	656,881	314,908,435	32,459,406	24,123,756	258,325,273
	INDUSTRIES										
13	Abrasive wheels, stones, paper, cloth, and related products	20,490,983	1,744,548	14,382,143	3,215,465	742,848	405,899	14,382,143	1,865,351	1,833,721	10,683,071
17	Agricultural machinery (except tractors)	48,809,691	1,878,581	44,396,173	2,303,840	164,029	67,118	44,396,173	5,068,206	4,099,070	35,228,897
19	Aircraft and parts, including aircraft engines	108,285,547	2,787,899	102,676,952	1,990,577	730,354	99,765	102,676,952	14,912,977	10,275,787	77,488,188
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	75,590,912	2,089,616	67,428,063	3,575,060	2,356,545	141,628	67,428,063	5,901,797	5,243,888	56,282,378
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	35,596,933	750,730	31,265,314	475,186	995,646	110,057	31,265,314	2,946,846	2,779,320	25,539,148
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	12,350,800	569,061	9,398,667	2,340,139	6,023	36,310	9,398,667	1,012,484	611,405	7,774,778
9	Ammunition	6,944,595	125,593	6,222,075	549,869	32,431	14,627	6,222,075	840,723	428,742	4,952,610
3	Artificial leather and oilcloth	8,094,782	475,819	6,589,099	970,257	53,325	6,282	6,589,099	777,289	420,484	5,391,326
20	Artists' materials	910,800	141,807	644,207	124,786			644,207	123,082	56,736	464,389
13	Asbestos products (except steam packing and pipe and boiler covering)	16,291,196	592,635	13,942,436	1,401,248	349,763	5,114	13,942,436	1,656,394	707,303	11,578,739
14	Automobile stampings	15,921,285	1,112,268	14,141,187	591,013	72,717	4,100	14,141,187	1,517,744	653,240	11,970,203
18	Automobile trailers (for attachment to passenger cars)	2,000,229	201,505	1,667,258	129,086	584	1,796	1,667,258	112,807	53,181	1,501,270
16	Automotive electrical equipment	32,556,000	628,471	30,777,315	1,009,633	9,349	131,232	30,777,315	3,065,185	2,815,656	24,896,474
1	Baking powder, yeast, and other leavening compounds	7,554,421	521,608	4,838,873	1,778,791	386,482	28,667	4,838,873	861,359	323,306	3,654,208
6	Baskets for fruits and vegetables	5,477,691	323,706	4,962,599	171,159	20,227		4,962,599	355,790	136,621	4,470,188
16	Batteries, storage and primary (dry and wet)	27,244,913	957,689	23,613,340	2,474,326	76,018	123,540	23,613,340	2,662,721	1,741,193	19,209,426
3	Batting, padding, and wadding; upholstery filling	6,188,197	833,595	4,848,544	502,728		3,330	4,848,544	431,434	296,760	4,120,350
20	Beauty-shop and barber-shop equipment	3,592,679	598,239	2,383,028	611,412			2,383,028	380,172	185,261	1,817,595
10	Beehive coke	781,620	9,010	765,199	7,050		361	765,199	46,298	17,793	701,108
1	Beet sugar	16,408,052	194,635	15,108,416	1,090	206,848	897,063	15,108,416	1,981,627	765,472	12,361,317
4	Belts (apparel), regardless of material	5,799,940	710,442	4,435,631	643,113		10,754	4,435,631	195,956	173,084	4,066,591
1	Biscuit, crackers, and pretzels	42,059,144	1,809,642	32,435,100	6,545,883	403,484	865,035	32,435,100	2,559,247	1,326,233	28,549,620
14	Blast-furnace products	34,497,508	145,484	33,554,851	133,753	662,412	1,008	33,554,851	3,800,452	1,442,063	28,312,336
1	Blended and prepared flour made from purchased flour	1,419,209	206,038	794,419	417,058	174	1,520	794,419	119,421	81,802	593,196
17	Blowers; exhaust and ventilating fans	9,063,141	636,659	6,515,722	1,743,697	25,105	141,958	6,515,722	721,731	422,880	5,371,111
9	Bluing	197,085	59,442	84,283	48,726		4,634	84,283	18,158	10,200	55,925
19	Boat building and boat repairing	3,802,465	377,955	3,289,838	133,672		1,000	3,289,838	175,778	216,615	2,897,445
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	25,475,667	1,904,392	21,989,194	1,543,581	31,748	6,752	21,989,194	*2,298,121	1,358,123	18,332,950
9	Bone black, carbon black, and lampblack	2,718,209	125,825	2,409,572	51,482	124,015	7,315	2,409,572	270,793	137,682	2,001,097
8	Bookbinding and related industries	42,840,415	4,617,664	34,174,696	3,897,529	119,916	30,610	34,174,696	2,594,450	2,517,619	29,062,627
8	Books: printing without publishing	38,807,339	4,985,946	30,145,207	3,494,773	171,413		30,145,207	2,979,091	2,128,477	25,037,639
8	Books: publishing and printing	14,715,064	1,362,999	11,100,903	2,237,117	14,045		11,100,903	1,284,377	1,411,747	8,404,779
8	Books: publishing without printing	22,984,919	4,685,946	9,655,069	8,643,904			9,655,069	2,074,852	7,384,544	195,673
12	Boot and shoe cut stock and findings	22,735,477	2,191,965	19,546,756	965,253	29,823	1,680	19,546,756	1,495,884	855,144	17,195,728
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	330,665,684	12,666,456	286,309,992	26,289,702	1,510,628	3,888,906	286,309,992	15,693,941	8,614,489	262,001,562
13	Brick and hollow structural tile	33,877,263	2,642,630	29,258,545	1,691,060	246,909	38,119	29,258,545	2,115,131	794,068	26,349,346
20	Brooms	3,626,692	283,000	3,010,025	333,667			3,010,025	154,223	99,032	2,756,770
20	Brushes	12,524,287	1,220,828	9,770,980	1,448,834	83,645		9,770,980	1,096,191	685,815	7,988,974
20	Buttons	11,764,496	1,020,223	9,890,989	764,909	88,375		9,890,989	915,091	353,187	8,622,711
9	Candles	1,752,222	329,673	1,001,448	419,189		1,912	1,001,448	138,266	46,371	816,811

1	Candy and other confectionery products	63, 124, 190	5, 333, 149	47, 542, 143	9, 455, 370	351, 073	442, 455	47, 542, 143	4, 150, 621	2, 306, 556	41, 084, 966
1	Cane sugar—except refineries	3, 731, 239	268, 022	3, 132, 271	19, 333	301, 527	10, 086	3, 132, 271	365, 254	193, 698	2, 573, 319
1	Cane-sugar refining	21, 412, 044	207, 722	19, 809, 725	394, 964	365, 636	633, 997	19, 809, 725	2, 385, 968	1, 227, 067	16, 196, 690
1	Canned and dried fruits and vegetables (including canned soups)	82, 877, 776	4, 340, 407	74, 651, 197	2, 920, 436	656, 287	309, 449	74, 651, 197	6, 126, 478	3, 289, 918	65, 234, 801
1	Canned fish, crustacea, and mollusks	9, 283, 827	767, 231	8, 146, 483	189, 839	79, 125	101, 149	8, 146, 483	598, 249	320, 151	7, 228, 083
4	Canvas products (except bags)	7, 428, 945	1, 297, 125	4, 437, 261	1, 650, 098	25, 880	18, 581	4, 437, 261	519, 904	296, 525	3, 620, 832
20	Carbon paper and inked ribbons	4, 970, 456	614, 008	2, 877, 645	1, 442, 268	36, 535	----------	2, 877, 645	400, 621	344, 852	2, 132, 172
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	6, 675, 430	466, 972	5, 841, 811	336, 970	29, 477	200	5, 841, 811	957, 101	401, 101	4, 483, 609
3	Carpets and rugs, wool	38, 240, 858	1, 188, 895	34, 752, 450	2, 204, 381	83, 902	11, 230	34, 752, 450	2, 741, 644	1, 867, 155	30, 143, 651
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3, 039, 210	327, 327	2, 473, 647	218, 175	19, 511	550	2, 473, 647	220, 737	136, 823	2, 116, 087
3	Carpet yarn, woolen and worsted	4, 233 369	239, 000	3, 980, 016	11, 823	2, 530	----------	3, 980, 016	291, 437	189, 051	3, 499, 528
19	Cars and car equipment—railroad, street, and rapid-transit	44, 108, 727	300, 978	43, 192, 841	456, 365	155, 314	3, 229	43, 192, 841	5, 269, 904	3, 308, 431	34, 614, 506
17	Cars and trucks, industrial	5, 330, 131	436, 966	4, 043, 264	833, 534	2, 600	13, 767	4, 043, 264	613, 868	280, 098	3, 149, 298
6	Caskets, coffins, burial cases, and other morticians' goods	23, 006, 973	2, 737, 477	15, 886, 826	4, 338, 299	5, 031	39, 340	15, 886, 826	1, 418, 192	1, 076, 480	13, 392, 154
14	Cast-iron pipe and fittings	21, 176, 879	749, 640	19, 724, 699	618, 617	14, 878	69, 045	19, 724, 699	1, 388, 021	853, 583	17, 483, 095
13	Cement	42, 582, 657	943, 029	38, 053, 574	2, 680, 442	860, 116	45, 496	38, 053, 574	4, 629, 458	1, 835, 712	31, 588, 404
1	Cereal preparations	13, 647, 250	574, 566	12, 061, 781	770, 947	36, 243	203, 713	12, 061, 781	1, 388, 171	816, 853	9, 856, 757
1	Cheese	6, 787, 707	272, 728	6, 056, 914	410, 228	28, 347	19, 490	6, 056, 914	659, 932	241, 267	5, 155, 715
9	Chemicals not elsewhere classified	148, 148, 149	3, 641, 400	129, 463, 467	4, 606, 542	9, 500, 545	936, 195	129, 463, 467	24, 868, 818	9, 711, 092	94, 883, 557
1	Chewing gum	5, 436, 916	358, 436	3, 963, 599	1, 012, 933	18, 409	83, 539	3, 963, 599	439, 707	238, 144	3, 285, 748
4	Children's and infants' wear not elsewhere classified—made in contract factories	731, 390	19, 359	707, 248	4, 150	----------	633	707, 248	23, 050	6, 632	677, 566
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	4, 618, 845	395, 220	3, 817, 892	390, 084	7, 213	8, 436	3, 817, 892	193, 165	121, 916	3, 502, 811
4	Children's coats—made in contract factories	1, 392, 171	38, 806	1, 353, 097	----------	----------	268	1, 353, 097	18, 799	8, 910	1, 325, 388
4	Children's coats—made in inside factories or by jobbers engaging contractors	4, 453, 090	538, 266	3, 378, 611	510, 583	1, 300	24, 330	3, 378, 611	196, 533	174, 360	3, 007, 718
4	Children's dresses—made in contract factories	2, 762, 264	45, 693	2, 710, 555	6, 016	----------	----------	2, 710, 555	91, 866	19, 970	2, 598, 719
4	Children's dresses—made in inside factories or by jobbers engaging contractors	11, 189, 952	1, 145, 939	8, 985, 512	1, 039, 631	1, 783	17, 087	8, 985, 512	575, 318	346, 433	8, 063, 761
20	Children's vehicles	6, 171, 659	505, 463	5, 317, 294	333, 822	15, 080	----------	5, 317, 294	417, 293	187, 003	4, 712, 998
13	China firing and decorating (for the trade)	616, 440	82, 033	469, 168	62, 417	2, 822	----------	469, 168	25, 861	17, 663	425, 644
1	Chocolate and cocoa products	13, 030, 169	686, 447	9, 133, 507	2, 346, 357	457, 595	406, 263	9, 133, 507	999, 798	422, 580	7, 711, 129
6	Cigar boxes: wooden, part wooden	2, 595, 286	316, 670	2, 217, 814	53, 047	3, 882	3, 873	2, 217, 814	131, 099	69, 639	2, 017, 076
2	Cigarettes	33, 667, 806	496, 576	29, 300, 450	3, 413, 028	121, 028	336, 724	29, 300, 450	2, 017, 980	1, 214, 838	26, 067, 632
2	Cigars	41, 141, 302	1, 494, 315	37, 820, 704	1, 657, 028	54, 730	114, 525	37, 820, 704	2, 832, 284	748, 864	34, 239, 556
13	Clay products (except pottery), not elsewhere classified	1, 921, 263	150, 118	1, 679, 647	84, 063	7, 435	----------	1, 679, 647	130, 600	55, 110	1, 493, 937
13	Clay refractories, including refractory cement (clay)	15, 404, 131	612, 049	14, 118, 453	497, 840	154, 151	21, 638	14, 118, 453	1, 263, 460	530, 703	12, 324, 290
9	Cleaning and polishing preparations, blackings, and dressings	15, 964, 521	2, 921, 172	8, 136, 208	4, 822, 145	38, 968	46, 028	8, 136, 208	1, 401, 965	1, 066, 977	5, 667, 266
15	Clocks, watches, and materials and parts (except watchcases)	27, 504, 819	1, 061, 402	23, 536, 183	2, 308, 531	205, 861	332, 842	23, 536, 183	2, 160, 429	908, 421	20, 467, 333
4	Clothing, leather and sheep-lined	5, 877, 750	538, 289	5, 008, 825	322, 516	6, 404	1, 716	5, 008, 825	261, 469	169, 354	4, 578, 002
3	Cloth sponging and miscellaneous special finishing	5, 500, 169	683, 904	4, 409, 008	385, 250	----------	22, 007	4, 409, 008	331, 878	225, 458	3, 851, 672
9	Coal-tar products, crude and intermediate	4, 877, 611	67, 816	4, 559, 862	38, 848	211, 085	----------	4, 559, 862	706, 749	254, 702	3, 598, 411
7	Coated and glazed paper	14, 898, 515	1, 609, 555	11, 476, 148	1, 684, 387	110, 019	18, 406	11, 476, 148	1, 401, 874	690, 014	9, 384, 260
4	Coats, suits, and skirts (except fur coats)—made in contract factories	24, 179, 985	780, 824	23, 291, 620	80, 604	1, 976	24, 961	23, 291, 620	331, 146	104, 310	22, 856, 164
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	48, 448, 373	5, 640, 788	36, 616, 720	5, 983, 989	3, 192	203, 684	36, 616, 720	1, 656, 687	1, 399, 466	33, 560, 567
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	11, 344, 455	697, 364	9, 843, 430	652, 564	123, 267	27, 830	9, 843, 430	877, 670	787, 953	8, 177, 807
15	Collapsible tubes	2, 694, 672	329, 201	2, 219, 125	114, 958	27, 538	3, 850	2, 219, 125	215, 670	100, 144	1, 903, 311
9	Colors and pigments	13, 267, 077	688, 369	11, 350, 299	725, 670	331, 649	171, 090	11, 350, 299	2, 425, 076	810, 874	8, 114, 349
17	Commercial laundry, dry-cleaning, and pressing machinery	5, 779, 573	640, 821	4, 578, 465	530, 749	4, 385	25, 153	4, 578, 465	657, 845	444, 065	3, 476, 555
16	Communication equipment	76, 677, 486	2, 911, 873	66, 857, 598	5, 240, 942	1, 425, 824	241, 249	66, 857, 598	11, 121, 070	11, 292, 149	44, 444, 379
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	11, 465, 251	485, 112	7, 540, 469	3, 420, 741	15, 047	3, 882	7, 540, 469	1, 181, 600	504, 934	5, 853, 935
13	Concrete products	28, 699, 936	3, 817, 627	21, 495, 969	3, 064, 252	228, 000	94, 088	21, 495, 969	1, 848, 109	877, 987	18, 769, 873
1	Condensed and evaporated milk	15, 915, 856	675, 185	13, 687, 578	1, 062, 622	299, 913	250, 558	13, 687, 578	1, 569, 360	884, 493	11, 233, 725
17	Construction and similar machinery (except mining and oil-field machinery and tools)	38, 470, 010	2, 443, 938	32, 188, 619	3, 457, 109	267, 711	112, 613	32, 188, 619	4, 072, 308	2, 918, 000	25, 198, 311
7	Converted paper products not elsewhere classified	36, 827, 482	3, 793, 138	27, 091, 794	5, 571, 543	318, 448	52, 559	27, 091, 794	2, 795, 581	2, 111, 658	22, 184, 555
1	Cooking and other edible fats and oils, not elsewhere classified	9, 088, 273	313, 067	7, 421, 409	1, 220, 173	126, 974	6, 650	7, 421, 409	1, 390, 315	634, 306	5, 396, 788
6	Cooperage	8, 556, 927	656, 089	7, 548, 724	330, 217	15, 127	6, 770	7, 548, 724	695, 953	292, 724	6, 560, 047
3	Cordage and twine	14, 188, 504	1, 134, 694	12, 144, 572	791, 314	21, 605	96, 319	12, 144, 572	1, 313, 159	646, 551	10, 184, 862
6	Cork products	4, 880, 752	372, 334	3, 932, 870	522, 799	46, 892	5, 857	3, 932, 870	383, 296	247, 947	3, 301, 627
1	Corn sirup, corn sugar, corn oil, and starch	15, 726, 372	260, 282	13, 539, 674	1, 424, 855	249, 528	252, 033	13, 539, 674	1, 843, 862	1, 110, 213	10, 585, 599
4	Corsets and allied garments	25, 146, 853	2, 578, 632	18, 483, 018	3, 994, 609	28, 512	62, 082	18, 483, 018	1, 602, 283	1, 146, 244	15, 734, 491
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	12, 612, 943	1, 264, 308	10, 177, 239	1, 097, 686	73, 710	----------	10, 177, 239	851, 220	571, 381	8, 754, 638
3	Cotton bread woven goods	251, 180, 270	5, 680, 533	242, 590, 610	1, 767, 917	483, 574	657, 636	242, 590, 610	11, 982, 652	5, 432, 686	225, 175, 272
3	Cotton narrow fabrics	16, 073, 121	1, 433, 260	13, 487, 127	1, 069, 950	13, 700	69, 084	13, 487, 127	1, 113, 293	597, 628	11, 776, 206
9	Cottonseed oil, cake, meal, and linters	14, 880, 908	1, 255, 863	12, 580, 942	897, 797	107, 061	39, 245	12, 580, 942	2, 491, 737	1, 149, 871	8, 939, 334
3	Cotton thread	13, 497, 471	576, 315	12, 281, 450	639, 706	----------	----------	12, 281, 450	1, 025, 003	727, 176	10, 529, 271
3	Cotton yarn	50, 898, 217	1, 977, 294	48, 457, 681	324, 313	76, 428	62, 501	48, 457, 681	2, 351, 303	1, 050, 909	45, 055, 469
1	Creamery butter	32, 907, 473	1, 821, 807	24, 947, 921	5, 519, 598	316, 695	301, 452	24, 947, 921	3, 551, 082	3, 018, 295	18, 378, 544
1	Cured fish	2, 616, 166	284, 198	1, 995, 592	301, 437	26, 149	8, 790	1, 995, 592	183, 013	142, 975	1, 669, 604
4	Curtains, draperies, and bedspreads—contract factories	906, 371	45, 314	846, 197	13, 664	----------	1, 196	846, 197	26, 252	22, 142	797, 803
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	13, 721, 158	1, 442, 513	10, 665, 127	1, 572, 819	17, 687	23, 012	10, 665, 127	713, 811	479, 680	9, 471, 636
1	Custom slaughtering, wholesale	959, 175	89, 354	794, 822	51, 408	17, 972	5, 619	794, 822	87, 389	18, 569	688, 864
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	24, 138, 126	2, 266, 754	19, 493, 665	2, 102, 156	31, 700	243, 851	19, 493, 665	1, 724, 809	971, 559	16, 797, 297

TABLE 3.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

Group No.	Industry group and industry	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	Manufacturing: Total	Manufacturing: Managers, etc.	Manufacturing: Clerks, etc.	Manufacturing: Wage earners
	INDUSTRIES—continued										
20	Dental equipment and supplies	$8,498,728	$825,652	$6,842,277	$1,220,485	$11,913		$6,842,277	$1,084,280	$433,631	$4,825,367
7	Tissue paper and paperboard, and converted cardboard	8,800,853	1,110,728	6,498,776	1,203,263	27,624	$33,049	6,498,776	658,208	374,579	5,453,990
20	Dolls (except rubber)	3,734,215	389,873	3,123,702	222,676	7,964		3,123,702	179,589	167,229	2,776,614
14	Doors, window sash, frames, molding, and trim (made of metal)	16,504,731	1,825,695	12,598,120	2,109,536	40,894	1,186	12,598,120	1,071,461	935,311	10,591,328
4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3,606,414	158,303	3,506,264	128,402	3,540	7,845	3,506,264	169,896	49,831	3,287,037
9	Drugs and medicines (including drug grinding)	64,223,527	9,299,789	34,746,938	18,411,742	479,101	1,285,957	34,746,938	7,074,718	3,774,230	23,897,990
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	82,305,096	3,838,900	73,646,494	2,408,604	287,705	47,593	73,646,494	8,305,843	3,596,133	61,744,518
3	Dyeing and finishing woolen and worsted	5,850,342	618,513	4,952,293	215,131	12,325	2,080	4,952,293	735,981	301,427	3,914,885
16	Electrical appliances	36,679,276	1,330,831	31,686,759	4,430,025	41,316	35,222	31,686,759	3,162,574	2,575,415	25,408,770
16	Electrical measuring instruments	15,222,595	705,874	13,497,875	881,568	102,303	35,385	13,497,875	1,974,030	1,642,721	9,881,124
16	Electrical products not elsewhere classified	12,326,919	854,264	10,345,729	940,960	177,133	8,824	10,345,729	1,923,766	1,012,379	7,409,584
16	Electric lamps	15,369,066	370,701	13,808,548	1,025,974	97,601	6,242	13,808,548	2,341,562	777,967	10,689,019
15	Electroplating, plating, and polishing	12,548,335	1,495,980	10,494,603	545,965	59,901	41,946	10,494,603	796,348	315,454	9,382,801
8	Electrotyping and stereotyping, not done in printing establishments	14,444,595	2,103,019	10,694,723	1,674,807	2,414	29,632	10,694,723	1,054,607	660,347	8,919,769
17	Elevators, escalators, and conveyors	22,604,696	1,711,798	17,194,412	3,308,947	263,868	125,671	17,194,412	1,948,626	1,887,839	13,357,937
4	Embroideries, other than Schiffli-machine products—contract factories	3,911,411	312,245	3,461,317	124,865		12,984	3,461,317	98,952	38,711	3,323,654
4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	693,616	88,424	555,549	24,627		1,016	555,549	38,547	12,441	504,561
4	Embroideries: Schiffli-machine products	4,316,588	573,608	3,506,205	232,644		4,133	3,506,205	190,072	68,582	3,247,549
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	40,280,684	2,476,465	35,119,293	2,591,301	81,170	12,455	35,119,293	2,755,708	1,595,033	30,768,552
14	Enameling, japanning, and lacquering	2,808,448	295,638	2,355,814	123,162	9,806	24,028	2,355,814	210,326	83,214	2,062,275
15	Engraving on metal (except for printing purposes)	2,690,402	295,767	2,144,749	246,386		3,500	2,144,749	137,123	141,169	1,866,457
8	Engraving (steel, copperplate, and wood); plate printing	10,428,966	1,315,136	8,403,471	710,359			8,403,471	687,217	379,850	7,156,404
7	Envelopes	15,826,508	1,621,032	11,374,043	2,652,170	150,088	29,175	11,374,043	1,285,210	491,989	9,596,844
9	Essential oils	704,149	165,827	454,200	81,933		2,189	454,200	79,181	17,673	357,346
6	Excelsior	913,256	60,991	811,384	23,715	3,780	13,386	811,384	82,207	28,931	700,246
9	Explosives	13,721,116	130,987	13,157,649	140,248	287,763	4,469	13,157,649	1,722,009	471,142	10,964,498
20	Fabricated plastic products, not elsewhere classified	24,289,146	1,441,150	21,183,771	1,390,052	260,354	13,819	21,183,771	2,279,629	1,216,038	17,688,104
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	69,426,368	6,335,877	57,718,021	5,205,236	113,751	53,483	57,718,021	5,635,459	4,533,056	47,549,506
20	Feathers, plumes, and artificial flowers	6,521,657	764,869	4,974,299	778,309	4,180		4,974,299	209,993	181,895	4,582,411
3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4,870,232	196,684	4,511,041	162,507			4,511,041	429,612	224,441	3,856,988
9	Fertilizers	23,435,322	1,791,894	17,135,764	4,191,260	224,845	91,559	17,135,764	2,283,455	1,253,912	13,678,397
7	Fiber cans, tubes, and similar products	9,657,697	547,706	8,234,729	849,550	16,157	9,555	8,234,729	848,144	424,056	6,962,529
14	Files	4,908,816	124,477	4,546,658	165,664	72,017		4,546,658	533,164	174,974	3,838,520
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8,676,120	905,288	6,928,886	840,082	1,110	754	6,928,886	464,285	257,179	6,207,422
14	Firearms	8,806,827	180,055	8,169,884	270,888	175,030	10,970	8,169,884	832,077	491,490	6,846,317
20	Fire extinguishers, chemical	2,256,757	136,893	1,838,436	256,428	25,000		1,838,436	291,581	273,800	1,273,055
9	Fireworks	1,511,569	240,286	1,201,917	56,110	8,700	4,556	1,201,917	133,383	81,088	987,446
9	Fish and other marine oils, cake, and meal	2,150,222	540,419	1,517,319	80,524	11,960		1,517,319	141,699	67,686	1,307,934
13	Flat glass	28,160,934	127,322	27,593,140	190,726	249,746		27,593,140	2,437,685	1,126,836	24,008,619
1	Flavoring extracts and flavoring sirups, not elsewhere classified	12,299,959	2,806,532	5,438,369	3,926,985	46,905	81,168	5,438,369	920,661	753,348	3,764,360
13	Floor and wall tile (except quarry tile)	7,523,378	327,775	6,617,218	544,935	27,992	5,458	6,617,218	413,412	272,657	5,931,149
1	Flour and other grain-mill products	49,374,893	4,711,539	36,176,225	7,590,353	507,034	389,742	36,176,225	4,893,097	2,913,332	28,369,796
1	Food preparations, not elsewhere classified	23,232,337	3,198,136	14,085,307	5,730,325	97,281	121,288	14,085,307	1,808,246	1,096,288	11,180,773
17	Food-products machinery	32,497,864	3,158,913	24,651,315	4,548,476	33,503	105,657	24,651,315	3,223,326	2,491,347	18,936,642
12	Footwear (except rubber)	222,865,621	9,563,517	203,474,997	9,556,540	195,078	75,489	203,474,997	13,020,690	6,796,778	183,657,529
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	30,123,958	2,373,457	26,501,764	1,012,614	179,914	56,209	26,501,764	2,569,428	1,280,282	22,652,054
10	Fuel briquets	644,696	25,190	599,978	19,528			599,978	92,782	22,477	484,719
4	Fur coats and other fur garments, accessories, and trimmings	33,434,509	5,667,537	25,373,499	2,392,313	1,160		25,373,499	1,139,501	830,677	23,403,321
20	Furs, dressed and dyed	11,960,167	1,250,900	9,967,805	702,650	38,812		9,967,805	788,456	113,673	9,065,676
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2,179,776	509,403	1,586,103	78,610	5,660		1,586,103	157,501	85,955	1,342,647
20	Games and toys (except dolls and children's vehicles)	18,268,523	1,909,638	14,833,688	1,486,561	38,636		14,833,688	1,423,464	753,495	12,656,729
8	General commercial (job) printing	200,064,264	23,807,713	157,911,019	18,008,248	300,951	36,333	157,911,019	13,933,634	11,032,421	132,944,964
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	164,254,954	5,617,784	148,540,709	8,553,674	767,336	775,451	148,540,709	21,957,801	22,499,367	104,083,541
13	Glass containers	43,022,557	1,340,843	39,905,215	1,580,383	172,382	23,734	39,905,215	3,925,869	1,797,848	34,181,498
9	Glue and gelatin	6,605,228	712,908	5,036,087	687,202	162,272	6,759	5,036,087	780,902	313,597	3,941,588
15	Gold and silver leaf and foil	800,198	105,762	565,405	127,009		2,022	565,405	52,784	43,044	469,577
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	7,191,590	305,871	6,572,609	301,196	11,914		6,572,609	709,711	426,620	5,436,278
14	Gray-iron and semisteel castings	88,374,243	6,025,302	80,076,129	1,920,797	183,599	168,416	80,076,129	6,657,929	2,660,256	70,757,944

9	Grease and tallow (except lubricating greases)	9, 596, 161	1, 079, 936	7, 604, 860	657, 464	206, 599	47, 302	7, 604, 860	684, 017	412, 334	6, 508, 509
8	Greeting cards (except hand-painted)	12, 266, 714	1, 391, 382	9, 221, 120	1, 634, 502	19, 710		9, 221, 120	896, 905	1, 060, 050	7, 264, 165
9	Gum naval stores (processing but not gathering or warehousing)	856, 138	129, 077	696, 102	28, 003	2, 706	250	696, 102	323, 977	38, 292	333, 833
13	Gypsum products	8, 540, 550	101, 040	8, 030, 838	173, 179	216, 833	18, 660	8, 030, 838	1, 042, 959	322, 120	6, 665, 759
20	Hair work	418, 532	100, 403	288, 847	29, 282			288, 847	10, 381	17, 743	260, 723
4	Handkerchiefs—made in contract factories	766, 142	50, 952	715, 190				715, 190	15, 373	6, 635	693, 182
4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3, 808, 174	430, 803	2, 911, 058	454, 047	845	11, 421	2, 911, 058	185, 814	97, 941	2, 627, 303
20	Hand stamps, stencils, and brands	4, 696, 867	832, 881	3, 122, 978	731, 183	9, 825		3, 122, 978	282, 216	225, 733	2, 615, 029
14	Hardware not elsewhere classified	57, 605, 724	4, 460, 618	47, 705, 666	5, 266, 525	165, 376	7, 539	47, 705, 666	4, 254, 783	3, 230, 023	40, 220, 860
9	Hardwood distillation and charcoal manufacture	2, 090, 418	91, 566	1, 891, 967	52, 550	52, 364	1, 971	1, 891, 967	258, 981	102, 311	1, 530, 675
4	Hat and cap materials; trimmings, etc	1, 057, 206	172, 279	817, 604	66, 603		720	817, 604	41, 785	32, 685	743, 134
3	Hat bodies and hats, fur-felt	15, 078, 264	654, 242	13, 366, 839	947, 121	52, 163	57, 899	13, 366, 839	1, 105, 118	424, 664	11, 837, 057
3	Hat bodies and hats, wool-felt	4, 902, 930	90, 779	4, 688, 933	102, 181	21, 037		4, 688, 933	364, 083	114, 496	4, 210, 354
3	Hats, straw	537, 057	52, 632	467, 556	16, 164	705		467, 556	18, 086	11, 000	438, 470
3	Hatters' fur	2, 145, 118	258, 427	1, 819, 040	67, 651			1, 819, 040	172, 580	67, 427	1, 579, 033
14	Heating and cooking apparatus, except electric, not elsewhere classified	5, 658, 865	681, 579	4, 277, 274	685, 509	1, 087	13, 416	4, 277, 274	366, 242	403, 062	3, 507, 970
3	Hosiery—full-fashioned	117, 443, 136	4, 161, 384	108, 247, 923	4, 553, 376	382, 597	97, 858	108, 247, 923	5, 277, 896	2, 195, 039	100, 774, 988
3	Hosiery—seamless	48, 873, 410	2, 360, 764	45, 705, 870	701, 353	62, 338	43, 085	45, 705, 870	2, 488, 878	1, 354, 784	41, 862, 208
13	Hotel china	5, 715, 529	261, 524	5, 159, 007	267, 372	24, 850	2, 776	5, 159, 007	396, 104	123, 505	4, 639, 398
4	House dresses, uniforms, and aprons—made in contract factories	6, 829, 333	149, 714	6, 636, 566	27, 332	5, 161	10, 560	6, 636, 566	209, 204	59, 012	6, 368, 350
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	24, 459, 959	2, 037, 692	19, 922, 043	2, 417, 055	6, 516	76, 653	19, 922, 043	1, 511, 608	772, 825	17, 637, 610
4	Housefurnishings (except curtains, draperies, and bedspreads)	12, 889, 286	1, 708, 115	9, 188, 511	1, 921, 014	40, 987	30, 659	9, 188, 511	629, 813	499, 358	8, 059, 340
6	Household furniture, except upholstered	113, 071, 352	9, 082, 758	95, 328, 180	8, 141, 137	202, 725	316, 552	95, 328, 180	7, 532, 332	3, 797, 177	83, 998, 671
1	Ice cream and ices	50, 628, 902	5, 211, 081	22, 793, 726	20, 423, 235	712, 637	1, 488, 223	22, 793, 726	3, 113, 354	2, 336, 336	17, 344, 036
1	Ice, manufactured	43, 960, 194	5, 245, 602	23, 223, 181	14, 625, 872	303, 878	561, 661	23, 223, 181	4, 120, 574	1, 410, 713	17, 691, 894
12	Industrial leather belting and packing leather	4, 941, 253	756, 615	3, 446, 447	725, 364	9, 115	3, 712	3, 446, 447	404, 133	181, 662	2, 860, 652
17	Industrial machinery, not elsewhere classified	51, 594, 364	5, 262, 471	40, 992, 393	4, 916, 370	250, 811	172, 319	40, 992, 393	6, 081, 217	3, 732, 755	31, 178, 421
9	Insecticides, fungicides, and related industrial and household chemical compounds	15, 556, 764	3, 478, 631	8, 003, 291	3, 930, 054	102, 387	42, 401	8, 003, 291	1, 540, 246	1, 069, 832	5, 393, 213
16	Insulated wire and cable	26, 788, 368	930, 787	24, 135, 049	1, 355, 695	204, 169	162, 668	24, 135, 049	3, 175, 534	2, 321, 786	18, 637, 729
17	Internal-combustion engines	33, 321, 655	1, 325, 949	29, 040, 459	2, 721, 963	125, 859	107, 425	29, 040, 459	4, 507, 470	3, 029, 737	21, 503, 252
15	Jewelers' findings and materials	4, 790, 440	791, 128	3, 593, 854	392, 444	8, 226	4, 788	3, 593, 854	421, 733	197, 246	2, 974, 875
20	Jewelry cases and instrument cases	7, 152, 299	681, 217	5, 556, 010	853, 508	61, 564		5, 556, 010	531, 559	333, 168	4, 691, 283
15	Jewelry (precious metals)	22, 387, 525	3, 038, 214	17, 028, 609	2, 247, 727	29, 003	43, 972	17, 028, 609	1, 220, 811	1, 564, 656	14, 243, 142
3	Jute goods (except felt)	4, 111, 378	249, 568	3, 776, 694	68, 308	16, 808		3, 776, 694	448, 894	209, 509	3, 118, 291
3	Knitted cloth	14, 042, 760	1, 524, 614	11, 950, 543	494, 999	59, 289	13, 315	11, 950, 543	1, 232, 907	551, 995	10, 165, 641
3	Knitted gloves	4, 384, 034	132, 701	4, 130, 126	97, 196	21, 131	2, 880	4, 130, 126	226, 546	64, 250	3, 839, 330
3	Knitted outerwear (except knit gloves)—contract factories	3, 504, 672	180, 879	3, 312, 720	9, 223	900	950	3, 312, 720	86, 247	28, 479	3, 197, 994
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	22, 984, 363	2, 514, 579	17, 674, 137	2, 695, 034	54, 574	46, 039	17, 674, 137	1, 476, 021	679, 710	15, 518, 406
3	Knitted underwear	36, 163, 017	2, 449, 711	31, 054, 875	2, 507, 679	112, 216	38, 536	31, 054, 875	2, 343, 076	1, 307, 030	27, 404, 769
6	Laboratory, hospital, and other professional furniture	5, 386, 208	519, 021	4, 156, 371	704, 915	2, 913	2, 988	4, 156, 371	560, 689	244, 917	3, 350, 765
3	Lace goods	10, 791, 794	675, 195	9, 374, 980	728, 663	12, 956		9, 374, 980	840, 039	428, 032	8, 106, 909
20	Lamp shades	2, 474, 304	322, 633	1, 922, 556	221, 056	8, 059		1, 922, 556	130, 139	57, 262	1, 713, 155
15	Lapidary work	490, 366	49, 950	416, 884	19, 894		3, 638	416, 884	14, 381	11, 947	390, 556
6	Lasts and related products	2, 849, 571	246, 156	2, 357, 661	239, 916	5, 838		2, 357, 661	300, 180	62, 354	1, 995, 127
17	Laundry equipment, domestic	13, 890, 421	622, 649	11, 229, 875	1, 873, 806	102, 919	61, 172	11, 229, 875	910, 454	1, 042, 397	9, 277, 024
12	Leather gloves and mittens	9, 416, 347	714, 211	8, 169, 680	499, 512	10, 200	22, 744	8, 169, 680	516, 771	244, 227	7, 408, 682
12	Leather goods not elsewhere classified	2, 938, 855	417, 262	2, 287, 950	228, 275	2, 340	3, 028	2, 287, 950	113, 490	87, 097	2, 087, 363
12	Leather: tanned, curried, and finished—contract factories	7, 609, 093	752, 273	6, 806, 693	50, 037			6, 806, 693	471, 335	122, 424	6, 212, 934
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	61, 657, 237	3, 852, 326	56, 585, 391	1, 043, 763	175, 757		56, 585, 391	4, 525, 863	1, 489, 280	50, 570, 248
15	Lighting fixtures	35, 757, 741	3, 709, 681	27, 842, 594	3, 947, 721	18, 661	239, 084	27, 842, 594	2, 867, 417	1, 736, 703	23, 238, 474
13	Lime	11, 916, 480	672, 438	10, 429, 794	527, 470	244, 634	42, 144	10, 429, 794	980, 631	380, 536	9, 068, 627
3	Linen goods	1, 842, 564	68, 700	1, 743, 799	36, 581		1, 484	1, 743, 799	145, 547	102, 067	1, 496, 185
3	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	13, 504, 811	235, 613	11, 730, 803	1, 350, 591	87, 804		11, 730, 803	867, 798	457, 164	10, 405, 841
9	Linseed oil, cake, and meal	3, 782, 486	47, 215	3, 675, 556	40, 473	16, 128	3, 114	3, 675, 556	306, 989	175, 409	3, 193, 158
1	Liquors, distilled	8, 258, 731	690, 910	6, 500, 934	492, 541	196, 715	377, 631	6, 500, 934	973, 828	642, 508	4, 884, 598
1	Liquors, rectified or blended	6, 353, 396	687, 815	4, 700, 431	934, 727	8, 360	22, 063	4, 700, 431	844, 562	639, 899	3, 215, 970
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	62, 178, 985	7, 331, 679	45, 914, 806	8, 713, 536	155, 446	63, 518	45, 914, 806	4, 443, 444	3, 542, 161	37, 929, 201
19	Locomotives (including frames) and parts: railroad, mining, and industrial	13, 813, 435	173, 913	12, 877, 339	683, 291	75, 892	3, 000	12, 877, 339	1, 297, 271	1, 923, 418	9, 656, 650
5	Logging camps and logging contractors (not operating sawmills)	25, 713, 378	700, 091	24, 112, 586	134, 802	622, 345	143, 554	24, 112, 586	957, 060	452, 518	22, 703, 068
9	Lubricating oils and greases—not made in petroleum refineries	7, 648, 324	1, 263, 091	4, 141, 359	2, 165, 059	49, 033	29, 782	4, 141, 359	949, 846	487, 288	2, 713, 225
1	Macaroni, spaghetti, vermicelli, and noodles	9, 351, 393	1, 217, 386	6, 158, 216	1, 739, 332	60, 388	176, 071	6, 158, 216	443, 077	331, 718	5, 383, 421
8	Machine and hand typesetting (including advertisement typesetting)	14, 995, 489	2, 063, 530	12, 001, 239	927, 871	2, 849		12, 001, 239	932, 028	644, 297	10, 424, 914
17	Machine-shop products, not elsewhere classified	125, 651, 864	12, 202, 643	101, 063, 614	10, 967, 216	477, 095	941, 296	101, 063, 614	11, 549, 156	7, 854, 919	81, 659, 539
17	Machine-shop repairs	15, 568, 342	1, 410, 910	13, 742, 217	384, 318	4, 684	26, 213	13, 742, 217	774, 857	693, 912	12, 273, 448
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	58, 679, 346	6, 180, 926	48, 154, 823	3, 820, 100	188, 495	335, 002	48, 154, 823	4, 706, 544	2, 101, 673	41, 346, 606
17	Machine tools	90, 776, 404	5, 099, 246	78, 879, 610	5, 603, 332	519, 257	674, 959	78, 879, 610	9, 560, 408	6, 966, 052	62, 333, 150
14	Malleable-iron castings	26, 415, 115	1, 047, 601	24, 698, 204	575, 484	86, 698	7, 128	24, 698, 204	2, 174, 298	968, 417	21, 555, 489
1	Malt	4, 136, 702	677, 132	3, 181, 613	193, 709	46, 998	37, 250	3, 181, 613	435, 136	153, 335	2, 593, 142
1	Malt liquors	122, 264, 690	9, 657, 007	72, 672, 752	36, 290, 542	1, 356, 408	2, 287, 981	72, 672, 752	6, 456, 133	3, 985, 383	62, 231, 236
6	Matches	6, 708, 035	140, 394	6, 343, 741	218, 900	3, 000	2, 000	6, 343, 741	543, 991	202, 247	5, 597, 503
6	Mattresses and bedsprings	29, 263, 956	2, 891, 091	22, 812, 827	3, 477, 996	15, 657	66, 385	22, 812, 827	1, 935, 852	1, 378, 648	19, 498, 327

TABLE 3.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

Group No.	INDUSTRY GROUP AND INDUSTRY	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	MANUFACTURING: Total	MANUFACTURING: Managers, etc.	MANUFACTURING: Clerks, etc.	MANUFACTURING: Wage earners
	INDUSTRIES—continued										
17	Measuring and dispensing pumps	$11,982,520	$555,510	$8,735,185	$2,490,720	$106,961	$94,144	$8,735,185	$1,033,650	$930,809	$6,750,717
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	13,102,906	608,649	11,284,176	1,070,478	16,208	33,491	11,284,176	1,637,307	773,013	8,873,856
3	Meat packing, wholesale	255,561,747	8,979,631	192,625,134	49,695,579	2,106,208	2,155,195	192,625,134	17,797,152	12,234,210	162,593,772
17	Mechanical power-transmission equipment	61,190,354	3,462,635	52,704,322	4,618,784	147,943	185,870	52,704,322	4,962,922	4,049,570	43,751,830
4	Men's and boys' hats and caps (except felt and straw)	3,766,228	366,904	3,157,307	224,671	3,986	13,360	3,157,307	171,910	108,831	2,876,566
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	8,288,661	268,230	7,985,130	24,205	4,667	11,330	7,985,130	281,068	84,761	7,619,301
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	43,380,043	2,087,734	40,654,717	2,449,963	85,277	102,352	40,654,717	2,132,280	1,190,749	37,332,688
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	46,560,818	1,415,120	44,838,846	149,558	4,335	52,959	44,838,846	894,311	360,399	43,584,136
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	123,757,973	8,181,758	105,445,354	9,816,581	101,121	213,159	105,445,354	5,768,698	3,632,381	96,044,275
4	Men's and boys' underwear—made in contract factories	736,912	21,426	715,486				715,486	8,954	9,974	696,558
4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	3,578,582	158,204	3,297,772	100,401	12,749	9,256	3,297,772	179,683	86,188	3,031,901
4	Men's neckwear—made in contract factories	607,904	32,212	571,894	3,798			571,894	17,385	4,078	549,931
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	10,346,954	1,154,212	7,536,947	1,626,361	1,430	28,004	7,536,947	410,092	330,746	6,796,109
17	Metalworking machinery and equipment, not elsewhere classified	37,367,967	2,429,370	32,731,401	2,116,452	32,773	57,971	32,731,401	4,785,314	2,857,035	25,089,052
4	Millinery	36,692,673	4,200,084	28,814,640	3,599,516	3,891	74,542	28,814,640	1,013,768	841,113	26,959,759
13	Minerals and earths, ground or otherwise treated	8,336,637	820,806	7,011,135	389,495	108,000	7,201	7,011,135	995,446	265,908	5,749,781
13	Mineral wool	2,601,508	198,839	2,204,118	131,918	66,631		2,204,118	274,945	108,446	1,820,727
17	Mining machinery and equipment	10,644,810	738,840	8,465,354	1,391,068	8,907	40,643	8,465,354	1,289,275	899,180	6,276,899
6	Mirror frames and picture frames	4,626,763	656,143	3,460,699	509,138		783	3,460,699	244,077	151,846	3,064,776
13	Mirrors and other glass products made of purchased glass	15,168,351	1,744,957	12,166,372	1,196,879	14,954	45,189	12,166,372	966,928	583,992	10,615,452
20	Miscellaneous fabricated products not elsewhere classified	16,973,418	2,049,307	13,335,226	1,556,312	24,511	8,062	13,335,226	1,245,716	837,730	11,251,780
4	Miscellaneous fabricated textile products not elsewhere classified	7,965,278	1,186,835	5,719,386	968,932	75,164	14,961	5,719,386	513,495	416,828	4,789,063
20	Models and patterns (except paper patterns)	11,857,209	1,510,007	9,877,115	462,326	7,761		9,877,115	605,871	234,358	9,036,886
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	29,893,711	2,701,488	24,922,233	2,134,597	80,330	55,063	24,922,233	1,869,572	1,052,965	21,999,696
19	Motorcycles, bicycles, and parts	11,863,153	619,347	10,347,990	875,269	20,547		10,347,990	945,221	428,894	8,973,875
18	Motor vehicles, motor-vehicle bodies, parts and accessories	791,483,980	10,269,918	749,475,247	29,727,848	639,553	1,371,414	749,475,247	63,466,341	41,104,285	644,904,621
9	Mucilage, paste, and other adhesives, except glue and rubber cement	948,128	191,837	496,318	257,080		2,893	496,318	111,939	94,522	289,857
20	Musical instruments, parts, and materials not elsewhere classified	5,710,088	539,108	4,517,237	622,329	31,414		4,517,237	382,630	217,364	3,917,243
14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	3,850,716	388,363	3,165,085	268,025	29,243		3,165,085	240,588	194,222	2,730,275
13	Natural graphite, ground and refined	163,142	31,683	104,020	27,439			104,020	17,377	21,113	65,530
20	Needles, pins, hooks and eyes, and slide and snap fasteners	18,183,881	898,431	14,701,932	1,702,633	880,885		14,701,932	1,487,841	1,409,750	11,804,341
8	Newspapers: publishing and printing	379,127,956	25,315,955	286,468,095	66,594,277	704,144	45,485	286,468,095	33,785,249	88,327,802	164,355,044
8	Newspapers: publishing without printing	3,252,593	460,796	2,262,747	529,050			2,262,747	497,202	1,402,100	363,445
1	Nonalcoholic beverages	76,831,849	11,862,603	27,791,430	36,120,502	271,425	785,889	27,791,430	4,711,374	2,735,337	20,344,719
13	Nonclay refractories	6,580,146	258,893	6,096,708	193,683	26,070	4,792	6,096,708	509,792	270,737	5,316,179
15	Nonferrous-metal foundries (except aluminum)	16,682,104	1,982,557	14,002,806	560,999	71,974	63,468	14,002,806	1,141,595	650,846	12,210,365
15	Nonferrous-metal products not elsewhere classified	48,993,295	3,820,896	41,478,413	3,100,625	418,339	175,022	41,478,413	3,937,615	2,789,396	34,751,402
17	Office and store machines, not elsewhere classified	67,676,777	1,943,881	61,811,982	3,497,468	329,512	93,934	61,811,982	5,149,628	6,680,626	49,981,728
6	Office furniture	19,978,611	1,211,809	16,106,935	2,284,395	56,585	318,887	16,106,935	1,581,551	851,234	13,674,150
14	Oil burners, domestic and industrial	4,588,075	791,146	2,756,424	1,032,383		8,122	2,756,424	395,651	467,490	1,893,283
17	Oil-field machinery and tools	28,940,301	1,802,143	23,582,904	3,306,870	193,583	54,801	23,582,904	2,985,914	1,855,994	18,740,996
1	Oleomargarine—not made in meat-packing establishments	2,896,387	257,969	1,802,861	797,239	13,853	24,465	1,802,861	333,838	174,511	1,294,512
20	Ophthalmic goods: lenses and fittings	19,270,860	1,282,990	15,655,699	2,074,537	237,745	19,889	15,655,699	1,688,333	1,721,363	12,246,003
20	Optical instruments and lenses	2,677,313	197,604	2,283,561	149,894	46,254		2,283,561	360,698	75,096	1,847,767
20	Organs	1,555,936	155,282	1,200,252	200,402			1,200,252	93,945	52,240	1,054,067
10	Oven coke and coke-oven byproducts	39,003,487	235,668	37,315,713	650,832	635,689	165,585	37,315,713	4,164,033	1,372,065	31,779,615
9	Paints, varnishes, and lacquers	70,395,207	9,038,114	43,670,636	17,072,762	278,084	335,611	43,670,636	8,223,567	3,745,271	31,701,798
7	Paper and paperboard mills	188,316,938	7,611,171	167,969,759	7,898,343	4,403,301	434,364	167,969,759	17,174,162	8,195,269	142,600,328
7	Paper bags, except those made in paper mills	14,933,981	1,332,305	12,302,335	1,154,183	129,908	15,250	12,302,335	1,128,462	545,272	10,628,601
7	Paperboard containers and boxes not elsewhere classified	95,873,427	10,841,974	74,555,119	9,930,874	434,830	110,630	74,555,119	6,576,875	4,172,231	63,806,013
17	Paper-mill, pulp-mill, and paper-products machinery	12,990,332	1,605,548	10,212,936	1,105,540	51,736	14,572	10,212,936	1,517,298	920,396	7,775,242
6	Partitions, shelving, cabinet work, and office and store fixtures	26,039,336	2,960,036	20,549,904	2,407,947	54,416	67,033	20,549,904	1,732,257	1,082,419	17,735,228
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4,494,084	544,928	3,420,166	492,589	33,645	2,756	3,420,166	549,712	189,033	2,681,421
20	Pencils (except mechanical) and crayons	6,027,950	541,431	4,341,916	1,070,242	74,361		4,341,916	633,004	274,521	3,434,391
20	Pens, mechanical pencils, and pen points	7,859,711	751,688	5,149,194	1,938,611	20,218		5,149,194	520,712	299,966	4,328,516
9	Perfumes, cosmetics, and other toilet preparations	21,717,088	4,080,481	12,510,520	4,993,793	42,937	89,357	12,510,520	1,476,578	1,390,402	9,643,540

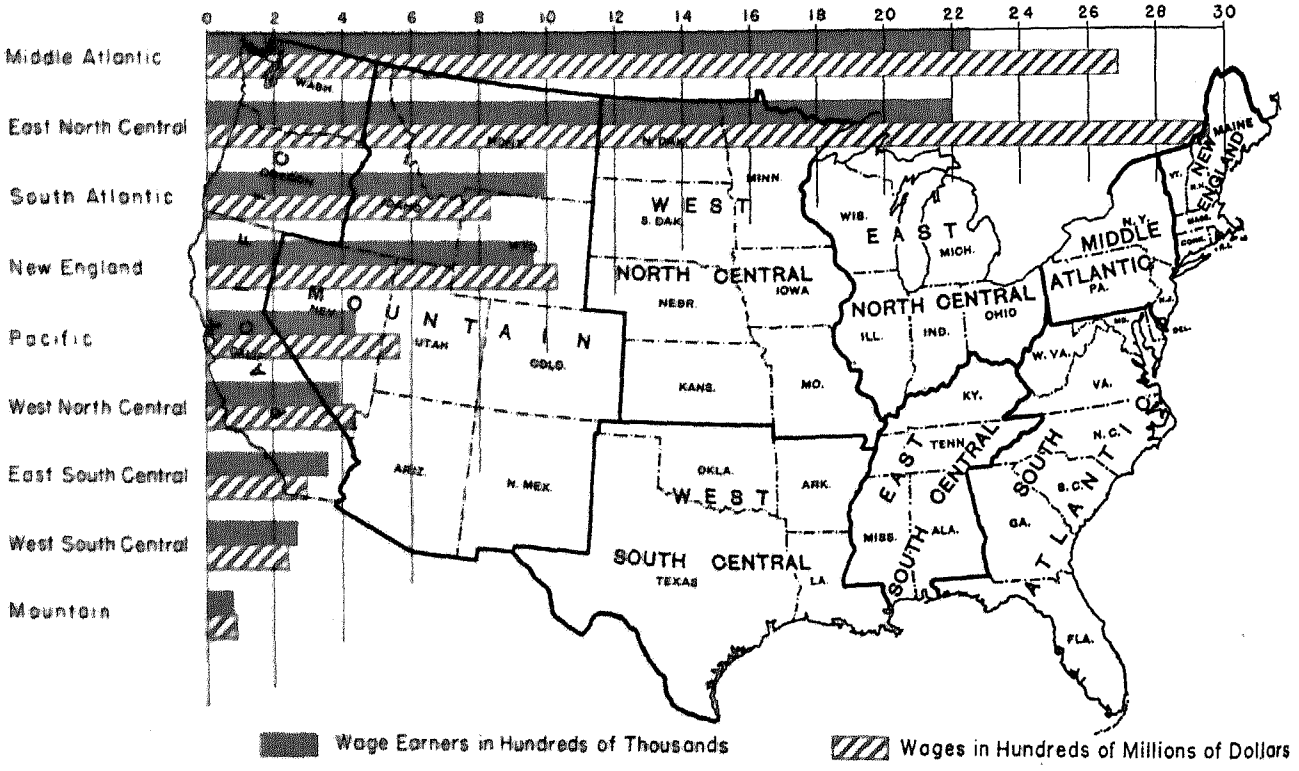
8	Periodicals: publishing and printing	60,033,717	3,967,234	47,083,111	8,767,519	197,813	18,040	47,083,111	6,495,200	7,585,409	33,002,502
8	Periodicals: publishing without printing	59,350,608	11,111,074	28,210,662	20,027,972		900	28,210,662	11,093,915	16,566,648	550,099
10	Petroleum refining	190,547,331	2,112,748	164,283,103	4,589,704	18,405,560	1,156,216	164,283,103	22,099,699	13,969,349	128,214,055
8	Photoengraving, not done in printing establishments (including preparation of plates)	35,019,183	4,880,820	25,708,186	4,423,202	5,317	1,658	25,708,186	1,767,283	1,372,747	22,568,156
20	Photographic apparatus and materials and projection equipment (except lenses)	40,880,449	1,222,938	34,831,796	1,812,046	2,869,829	143,840	34,831,796	4,933,880	4,611,247	25,286,669
20	Piano and organ parts and materials	1,944,840	213,138	1,674,379	48,362	8,961		1,674,379	188,932	54,805	1,430,642
20	Pianos	7,613,404	243,302	6,991,298	367,500	11,304		6,991,298	610,306	257,644	6,123,348
1	Pickled fruits and vegetables and vegetable sauces and seasonings	11,740,305	1,173,288	8,791,062	1,679,741	50,247	45,967	8,791,062	819,155	578,601	7,393,306
5	Planing mills not operated in conjunction with sawmills	88,418,374	8,087,811	72,293,192	7,447,338	189,945	400,088	72,293,192	6,084,077	3,394,050	62,815,065
9	Plastic materials	16,916,989	503,226	14,094,578	1,248,324	1,049,064	21,797	14,094,578	2,532,159	1,722,484	9,839,935
5	Plywood mills	11,942,712	683,537	10,910,138	276,690	57,914	14,433	10,910,138	699,114	268,150	9,942,874
13	Porcelain electrical supplies	8,769,011	564,701	7,783,256	321,110	98,993	951	7,783,256	824,820	428,268	6,530,168
13	Pottery products not elsewhere classified	8,549,161	781,954	7,192,152	547,824	22,983	4,248	7,192,152	557,780	236,059	6,398,313
1	Poultry dressing and packing, wholesale	11,955,717	623,545	10,405,072	816,654	18,705	91,741	10,405,072	1,111,347	648,478	8,645,247
14	Power boilers and associated products	40,337,636	3,277,693	33,226,504	3,783,037	39,918	10,484	33,226,504	3,432,529	4,495,814	25,298,161
1	Prepared feeds (including mineral) for animals and fowls	31,803,464	3,875,937	20,689,811	6,694,642	295,114	247,960	20,689,811	2,516,678	1,920,145	16,252,988
1	Preserves, jams, jellies, and fruit butters	5,289,747	700,062	3,747,548	756,214	31,808	54,115	3,747,548	375,074	246,857	3,125,617
15	Primary smelting and refining of nonferrous metals	49,822,601	142,496	47,324,955	32,286	992,842	1,330,022	47,324,955	6,087,784	2,826,085	38,411,086
9	Printing ink	9,073,056	1,356,652	5,837,813	1,854,055	11,319	13,217	5,837,813	1,673,387	463,108	3,701,318
17	Printing-trades machinery and equipment	23,480,578	1,816,454	18,825,651	2,679,758	39,780	118,935	18,825,651	2,553,682	1,625,013	14,646,956
3	Processed waste and recovered wool fibers—contract factories	742,794	99,705	637,962	5,127			637,962	49,340	24,661	563,961
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5,424,661	1,000,986	4,001,439	406,558	15,678		4,001,439	389,099	242,191	3,370,149
20	Professional and scientific instruments (except surgical and dental)	24,319,640	1,901,420	19,175,532	2,616,775	191,959	433,954	19,175,532	2,287,585	3,179,121	13,708,826
6	Public-building furniture	9,058,119	630,370	7,866,656	543,058	12,662	5,373	7,866,656	686,349	612,452	6,567,855
7	Pulp goods (pressed, molded)	1,080,929	86,531	922,193	72,205			922,193	60,832	42,662	818,699
7	Pulp mills	40,866,247	635,481	38,331,344	134,664	1,258,747	506,011	38,331,344	4,021,676	1,222,154	33,087,514
17	Pumping equipment and air compressors	43,266,655	2,870,775	34,498,330	5,437,053	210,267	250,230	34,498,330	5,015,485	3,274,826	26,208,019
1	Quick-frozen foods	1,995,416	110,881	1,825,936	39,929	17,198	1,472	1,825,936	108,278	61,633	1,656,025
16	Radios, radio tubes, and phonographs	75,606,501	3,013,462	61,861,980	9,435,495	1,119,052	176,512	61,861,980	10,435,929	4,400,393	47,025,658
4	Raincoats and other waterproof garments (except oiled cotton)	2,673,412	310,167	2,124,190	237,185		1,870	2,124,190	168,549	81,803	1,873,838
6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1,510,977	301,397	1,079,891	127,982		1,707	1,079,891	95,554	58,369	925,968
9	Rayon and allied products	75,247,622	604,051	71,718,825	668,489	1,874,860	381,397	71,718,825	8,537,084	3,152,218	60,029,523
3	Rayon broad woven goods—contract factories	3,575,757	210,374	3,358,630	6,753			3,358,630	172,463	66,336	3,119,831
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	60,129,705	1,713,319	57,745,266	661,059	1,009	9,052	57,745,266	2,943,602	1,366,656	53,435,008
3	Rayon narrow fabrics	6,454,834	541,691	5,529,266	371,283	3,462	9,132	5,529,266	479,056	295,617	4,754,593
3	Rayon throwing and spinning—contract factories	1,738,790	98,558	1,614,599	25,633			1,614,599	94,613	39,550	1,480,436
3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4,939,758	331,768	4,491,696	114,270	2,024		4,491,696	327,675	167,473	3,996,548
11	Reclaimed rubber	1,969,617	159,000	1,704,243	48,676	52,509	5,099	1,704,243	181,416	45,791	1,477,036
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	65,774,100	2,326,447	57,856,991	5,025,604	300,069	264,989	57,856,991	4,700,375	4,764,672	48,391,944
1	Rice cleaning and polishing	3,094,104	323,647	2,361,800	326,237	20,579	61,841	2,361,800	441,692	387,012	1,533,096
4	Robes, lounging garments, and dressing gowns	8,280,452	811,786	6,472,643	958,198	3,333	34,492	6,472,643	518,362	253,681	5,700,600
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	14,660,259	548,302	11,935,115	1,999,445	223,872	13,525	11,935,115	1,404,042	690,173	9,840,900
13	Roofing tile	787,360	11,002	752,573	22,006	1,779		752,573	88,076	48,890	615,607
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	22,056,016	222,801	20,057,926	1,554,017	189,629	31,643	20,057,926	2,153,397	1,102,992	16,801,537
11	Rubber products not elsewhere classified	80,732,785	4,981,425	65,696,984	8,397,868	1,491,092	165,416	65,696,984	7,514,161	4,825,088	53,357,735
12	Saddlery, harness, and whips	3,415,580	357,601	2,736,696	314,374	4,756	2,153	2,736,696	219,993	128,464	2,388,239
14	Safes and vaults	2,285,911	146,785	1,937,918	190,846	5,299	5,083	1,937,918	159,307	189,523	1,589,088
1	Salad dressings	4,190,235	294,447	3,009,620	792,804	43,323	50,041	3,009,620	283,023	292,632	2,433,965
9	Salt	5,927,903	238,343	5,062,776	345,788	264,390	16,606	5,062,776	455,825	371,467	4,235,484
13	Sand-lime brick, block and tile	579,867	43,209	456,881	74,960	4,817		456,881	35,318	7,097	414,466
1	Sausage casings—not made in meat-packing establishments	1,442,278	165,278	1,004,976	272,024			1,004,976	91,838	50,803	882,335
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	24,537,484	2,715,901	15,762,079	5,838,172	72,307	149,025	15,762,079	1,503,765	785,115	13,473,199
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	254,598,365	8,928,293	236,264,016	5,518,831	2,889,167	998,058	236,264,016	14,716,945	6,626,635	214,920,436
14	Saws	7,097,396	594,783	6,149,257	344,509	6,655	2,192	6,149,257	588,195	363,413	5,197,649
17	Scales and balances	5,566,413	469,713	4,354,537	734,347	6,932	884	4,354,537	525,076	522,985	3,306,476
14	Screw-machine products and wood screws	30,800,223	2,924,281	25,761,415	1,990,162	107,251	17,114	25,761,415	2,479,752	1,175,656	22,106,007
15	Secondary smelting and refining, gold, silver, and platinum	3,306,758	392,656	2,142,310	699,322		72,470	2,142,310	304,132	151,234	1,686,944
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	7,637,656	965,885	5,837,621	701,936	84,572	47,642	5,837,621	1,055,673	415,471	4,366,477
13	Sewer pipe and kindred products	8,276,040	391,355	7,438,784	402,334	41,479	2,088	7,438,784	431,448	189,598	6,817,738
17	Sewing machines, domestic and industrial	14,895,466	400,471	13,526,011	484,321	481,751	2,912	13,526,011	1,368,435	1,000,701	11,156,855
15	Sheet-metal work not specifically classified	36,727,272	4,792,146	27,238,100	4,569,783	34,542	92,701	27,238,100	2,564,925	1,594,486	23,078,689
19	Shipbuilding and ship repairing	126,244,783	3,108,546	121,564,407	930,429	471,367	170,034	121,564,407	10,134,179	6,956,925	104,473,303
20	Signs, advertising displays, and advertising novelties	33,674,925	4,577,951	24,133,160	4,889,216	70,635	3,963	24,133,160	2,150,122	1,425,632	20,557,406
3	Silk broad woven goods—contract factories	833,219	40,198	788,521	4,500			788,521	44,546	19,163	724,812
3	Silk broad woven goods—regular factories or jobbers engaging contractors	9,197,390	439,988	8,662,507	93,647		1,248	8,662,507	670,351	386,226	7,605,930
3	Silk narrow fabrics	4,882,191	439,922	4,355,204	74,388		12,677	4,355,204	355,341	147,770	3,852,093
3	Silk throwing and spinning—contract factories	8,718,571	262,227	8,395,682	60,098	564		8,395,682	547,597	210,279	7,637,806
3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	8,498,789	575,875	7,634,005	284,715	3,683	511	7,634,005	667,502	230,561	6,735,942
18	Silverware and plated ware	20,969,708	1,287,821	17,623,600	1,880,114	110,801	67,372	17,623,600	1,221,713	1,097,493	15,304,394

TABLE 3.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR INDUSTRY GROUPS AND FOR INDUSTRIES: 1939—Continued

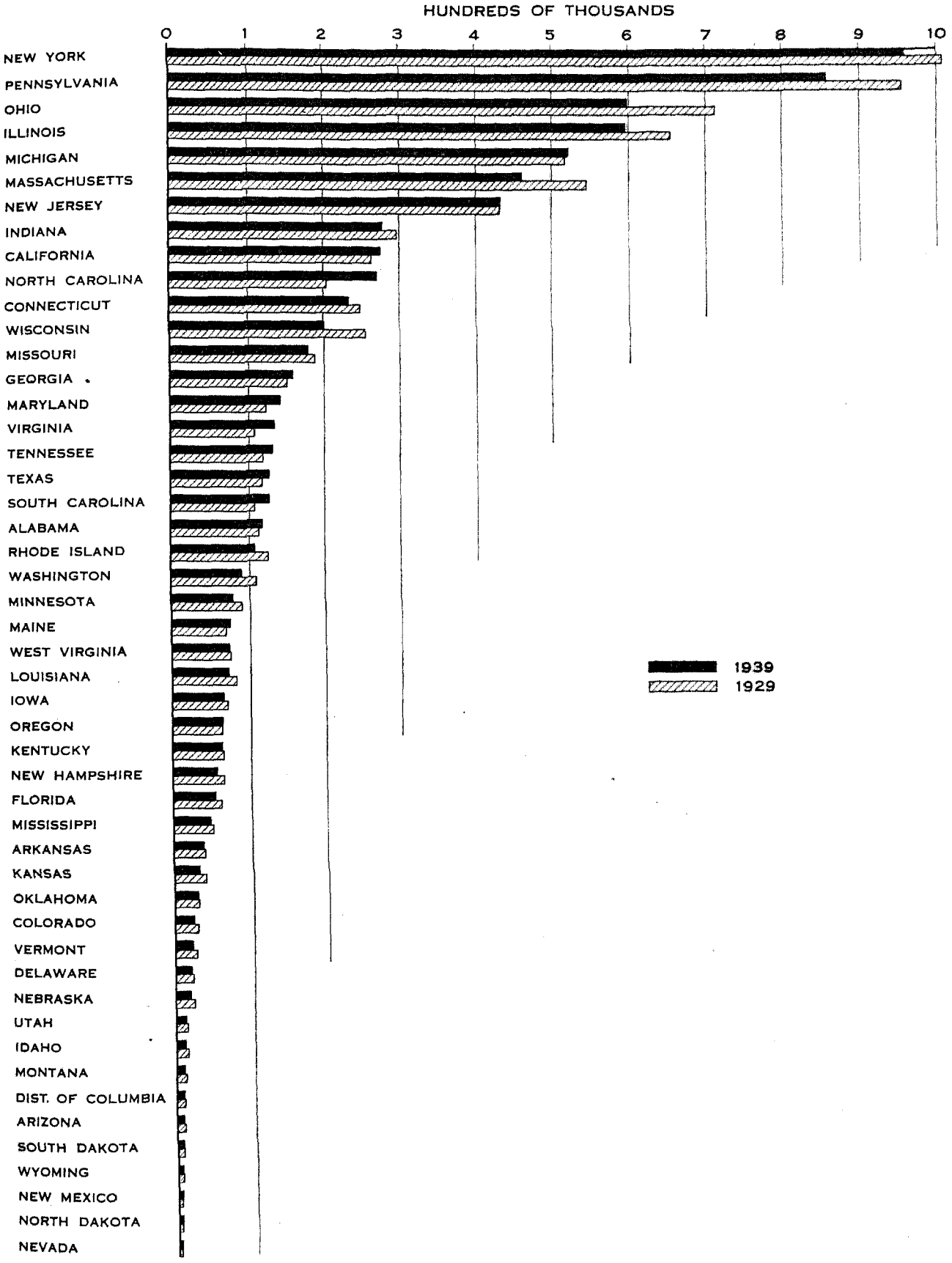
Group No.	Industry group and industry	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	Manufacturing: Total	Manufacturing: Managers, etc.	Manufacturing: Clerks, etc.	Manufacturing: Wage earners
	INDUSTRIES—Continued										
12	Small leather goods	$4,480,969	$567,832	$3,121,474	$771,663			$3,121,474	$152,597	$168,543	$2,750,588
9	Soap and glycerin	33,090,782	1,793,813	25,676,629	4,844,987	$809,071	$328,313	25,676,629	4,229,794	2,646,208	18,800,527
20	Soda fountains, beer dispensing equipment, and related products	3,367,841	195,009	2,969,356	182,356	1,030		2,969,356	348,734	251,170	2,369,452
9	Soybean oil, cake, and meal	3,626,734	87,082	2,494,944	205,253	91,109	1,486	2,494,944	340,774	234,713	1,919,457
1	Special dairy products	3,698,085	187,448	3,098,705	444,728	19,055	59,249	3,098,705	412,826	248,928	2,436,951
17	Special-industry machinery, not elsewhere classified	23,205,620	2,671,598	19,345,146	1,705,705	22,143	61,240	19,345,146	2,103,614	2,093,899	15,149,633
20	Sporting and athletic goods not elsewhere classified	16,613,185	1,586,366	16,554,072	1,613,056	79,555		16,554,072	1,449,141	884,350	14,220,581
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	5,798,797	370,674	5,020,164	321,107	20,746	6,096	5,020,164	430,838	311,907	4,277,419
14	Stamped and pressed metal products (except automobile stampings)	53,345,791	5,109,281	44,104,505	3,942,358	139,133	50,454	44,104,505	4,110,017	2,489,034	37,505,454
13	Statuary and art goods (except stone and concrete)—factory production	1,532,547	192,810	1,272,519	65,460		1,758	1,272,519	74,378	47,817	1,150,324
14	Steam and hot-water heating apparatus (including hot-water furnaces)	12,900,209	350,609	11,209,487	938,032	12,082		11,209,487	1,079,762	508,210	9,921,515
13	Steam and other packing; pipe and boiler covering	11,168,780	1,601,276	8,673,284	1,395,535	88,842	20,845	8,673,284	960,815	522,161	7,190,308
17	Steam engines, turbines, and water wheels	10,523,000	340,739	9,125,336	1,051,352	6,118	304	9,125,336	1,546,739	1,229,454	6,349,143
14	Steam fittings, regardless of material	42,787,133	2,268,760	37,486,091	2,933,630	42,302	56,350	37,486,091	4,187,655	3,668,672	29,629,764
14	Steel barrels, kegs, and drums	9,544,686	526,046	8,420,910	581,641	17,089		8,420,910	653,072	497,763	7,360,075
14	Steel castings	55,545,434	2,591,831	50,370,354	2,305,011	325,960	52,278	50,370,354	5,704,077	2,724,503	41,941,774
14	Steel works and rolling mills	674,846,218	4,035,074	653,643,493	7,365,895	8,685,094	516,722	653,643,493	49,479,189	34,439,973	569,724,280
17	Stokers, mechanical, domestic and industrial	7,376,500	515,631	5,963,590	1,045,221	42,437	9,620	5,963,590	700,882	468,443	4,789,265
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	68,690,420	4,730,289	55,982,821	7,854,728	118,828	203,744	55,982,821	4,655,383	3,278,278	48,049,160
12	Suitcases, brief cases, bags, trunks, and other luggage	11,555,796	1,452,602	8,847,263	1,255,113	688	130	8,847,263	695,110	323,224	7,828,929
20	Surgical and medical instruments	3,741,819	538,318	2,446,276	722,200	1,671	33,354	2,446,276	301,235	166,467	1,978,574
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	17,942,661	1,793,597	11,482,552	4,455,599	210,913		11,482,552	1,136,290	1,778,632	8,547,630
4	Suspenders, garters, and other goods made from purchased elastic material	3,152,864	245,684	2,341,095	558,724		7,301	2,341,095	239,105	145,908	1,956,082
13	Tableware, pressed or blown glass, and glassware not elsewhere classified	38,974,956	1,216,059	35,407,303	2,070,484	250,587	30,513	35,407,303	3,124,846	2,167,662	30,114,795
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	7,106,047	1,366,480	4,376,612	1,157,933	92,570	113,052	4,376,612	985,811	387,467	3,002,734
13	Terra cotta	1,668,896	62,691	1,540,534	47,151	16,460		1,540,534	159,006	82,925	1,298,603
4	Textile bags—not made in textile mills	14,539,646	1,087,185	11,654,665	1,755,123	22,024	11,649	11,654,665	1,035,294	616,810	10,002,651
17	Textile machinery	39,586,846	2,717,426	32,581,707	3,512,179	509,372	266,162	32,581,707	2,874,442	2,092,746	27,614,519
15	Tin and other foils (except gold and silver foil)	2,493,476	69,137	2,226,402	100,737		7,200	2,226,402	158,708	129,973	1,937,721
14	Tin cans and other tinware not elsewhere classified	49,832,171	1,189,100	46,010,429	1,659,586	935,117	37,939	46,010,429	5,805,029	3,807,583	36,397,817
11	Tires and inner tubes	122,163,714	1,767,970	111,256,301	8,297,386	821,538	110,519	111,256,301	11,719,372	9,763,426	89,773,503
2	Tobacco (chewing and smoking) and snuff	11,963,341	896,569	10,046,851	961,321	153,141	105,459	10,046,851	1,182,751	671,571	8,192,529
20	Tobacco pipes and cigarette holders	3,156,379	281,973	2,621,633	243,754	9,019		2,621,633	160,971	54,132	2,406,530
14	Tools (except edge tools, machine tools, files, and saws)	26,626,381	2,571,990	21,817,977	2,118,540	107,514	10,360	21,817,977	2,334,211	1,481,556	18,002,210
17	Tractors	64,803,114	250,623	60,782,184	3,463,214	291,208	15,885	60,782,184	5,968,666	4,967,943	49,845,575
19	Transportation equipment not elsewhere classified	1,725,327	159,223	1,428,735	131,369	4,000	2,000	1,428,735	170,178	108,584	1,149,973
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	6,816,872	837,015	5,592,163	349,841	10,079	27,774	5,592,163	164,942	88,661	5,338,560
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5,361,264	849,664	3,671,716	813,945	14,796	11,143	3,671,716	306,516	212,557	3,152,643
4	Trousers (semidress), wash suits, and washable service apparel	16,486,878	1,133,939	14,002,554	1,316,414	6,927	27,044	14,002,554	783,337	377,802	12,841,415
20	Umbrellas, parasols, and canes	3,055,376	357,994	2,504,756	192,626			2,504,756	189,663	121,838	2,193,255
6	Upholstered household furniture	41,679,957	3,371,425	33,773,270	3,838,684	20,215	76,363	33,773,270	2,382,623	1,308,444	30,082,203
9	Vegetable and animal oils, not elsewhere classified	2,010,710	231,054	1,562,500	191,364	23,160	2,632	1,562,500	222,114	103,871	1,236,515
17	Vending, amusement, and other coin-operated machines	7,261,067	856,340	5,603,240	786,209	13,767	1,511	5,603,240	646,341	325,189	4,631,710
6	Venetian blinds	7,352,867	536,737	5,628,130	1,153,584	20,121	14,295	5,628,130	471,393	348,470	4,808,267
1	Vinegar and cider	1,356,274	153,355	1,084,746	110,199		7,974	1,084,746	149,800	58,295	876,651
13	Vitreous-china plumbing fixtures	7,668,560	291,686	7,133,334	215,274	26,923	1,343	7,133,334	487,497	329,994	6,315,843
14	Vitreous-enameled products, including kitchen, household, and hospital utensils	15,283,028	1,046,636	13,384,095	794,391	57,546	360	13,384,095	1,202,009	740,404	11,441,682
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	9,199,956	613,561	7,699,058	743,812	119,462	24,063	7,699,058	920,060	490,887	6,288,111
	Wallpaper	7,654,705	578,853	6,220,266	838,561	17,025		6,220,266	616,025	270,995	5,333,246
15	Watchcases	4,297,603	344,915	3,489,218	362,775	55,197	55,498	3,489,218	348,496	200,963	2,939,759
13	Whiteware	15,600,374	434,741	14,491,530	379,626	214,728	79,749	14,491,530	922,805	418,793	13,149,932
6	Window and door screens and weather strip	4,621,259	615,847	3,445,295	537,769	2,000	20,348	3,445,295	241,942	219,773	2,983,580
6	Window shades	4,821,455	397,561	3,926,880	486,537	6,947	3,530	3,926,880	301,577	214,006	3,411,297
1	Wines	4,550,868	661,086	2,806,322	975,082	77,122	31,256	2,806,322	503,239	279,977	2,023,106
14	Wire drawn from purchased rods	40,382,370	2,103,181	36,373,821	1,708,970	176,651	19,747	36,373,821	3,805,376	2,602,605	29,965,840

14	Wirework not elsewhere classified	49,066,575	4,454,674	41,491,461	2,942,074	138,119	40,247	41,491,461	3,760,575	2,192,384	35,538,502
16	Wiring devices and supplies	25,093,614	2,008,032	20,685,699	2,292,816	89,638	17,429	20,685,699	2,226,922	1,552,807	16,905,970
4	Women's and misses' blouses and waists—made in contract factories	3,739,119	133,336	3,596,749	6,422	250	2,362	3,596,749	90,221	23,763	3,482,765
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	6,425,151	725,737	4,436,833	1,250,387	----------	12,194	4,436,833	307,185	219,898	3,909,750
4	Women's and misses' clothing, not elsewhere classified—made in contract factories	2,764,069	117,621	2,635,534	8,796	792	1,326	2,635,534	80,364	27,522	2,527,648
4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	7,880,365	806,421	5,899,407	1,126,903	2,906	44,728	5,899,407	312,744	199,715	5,386,948
4	Women's and misses' dresses (except house dresses)—made in contract factories	49,537,720	1,605,893	47,725,604	140,791	2,000	63,432	47,725,604	784,146	193,612	46,747,846
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	94,272,575	10,456,328	68,991,444	14,241,920	29,187	553,696	68,991,444	4,437,381	2,901,810	61,652,253
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	9,338,331	553,321	8,296,552	457,718	2,473	28,267	8,296,552	531,374	302,999	7,462,179
4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	6,020,975	614,052	4,819,811	553,887	15,295	17,930	4,819,811	261,102	185,933	4,372,776
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	18,812,156	1,602,861	15,715,971	1,450,898	5,140	37,286	15,715,971	937,456	429,311	14,349,204
4	Women's neckwear, scarfs, etc	2,680,529	409,957	1,862,337	403,021	----------	5,214	1,862,337	115,119	69,072	1,678,146
12	Women's pocketbooks, handbags, and purses	14,777,416	1,380,023	12,416,928	965,542	3,655	11,268	12,416,928	883,151	294,951	11,238,826
6	Wooden boxes except cigar boxes	24,457,352	1,930,097	21,414,171	957,444	45,709	109,931	21,414,171	1,517,574	737,567	19,159,030
9	Wood naval stores	2,886,900	136,604	2,502,080	42,240	204,356	1,620	2,502,080	463,643	171,446	1,866,991
6	Wood preserving	12,205,883	360,191	11,414,015	351,603	71,766	8,308	11,414,015	1,150,587	499,170	9,764,258
6	Wood products not elsewhere classified	23,704,299	2,257,930	20,433,349	926,564	49,060	37,396	20,433,349	1,735,824	1,017,403	17,680,122
17	Woodworking machinery	8,004,578	1,041,899	5,895,568	1,032,828	2,505	31,778	5,895,568	807,006	431,616	4,656,946
3	Woolen and worsted manufactures—contract factories	7,477,021	543,699	6,843,181	66,299	15,502	8,340	6,843,181	513,172	268,568	6,061,441
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	159,297,747	6,682,129	149,726,747	2,610,924	210,112	67,835	149,726,747	11,367,756	4,871,239	133,487,752
20	Wool pulling	1,373,074	150,122	1,214,717	3,835	4,400	----------	1,214,717	94,338	19,406	1,100,973
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	48,121,654	3,270,389	40,288,532	4,371,347	35,939	155,447	40,288,532	2,336,280	1,155,734	36,796,518
4	Work gloves and mittens: cloth, cloth and leather combined	6,641,936	261,302	6,092,907	281,351	4,148	2,228	6,092,907	319,571	110,300	5,663,036
4	Work shirts	8,474,796	247,381	7,892,629	237,678	12,313	84,795	7,892,629	441,518	181,963	7,269,148
9	Writing ink	821,128	134,903	359,751	315,699	----------	10,775	359,751	64,984	47,651	247,116
14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	15,794,293	561,833	14,495,180	645,250	54,102	37,928	14,495,180	1,433,705	753,398	12,306,077
16	X-ray and therapeutic apparatus and electronic tubes	5,132,848	630,402	3,929,186	565,685	----------	7,575	3,929,186	687,527	497,408	2,744,251

Wage Earners (Average for the Year) Engaged in Manufacturing, and Wages Paid, by Geographic Divisions: 1939



WAGE EARNERS (AVERAGE FOR THE YEAR) ENGAGED IN MANUFACTURING, BY STATES: 1939 AND 1929



WAGES PAID TO WORKERS ENGAGED IN MANUFACTURING, BY STATES: 1939 AND 1929

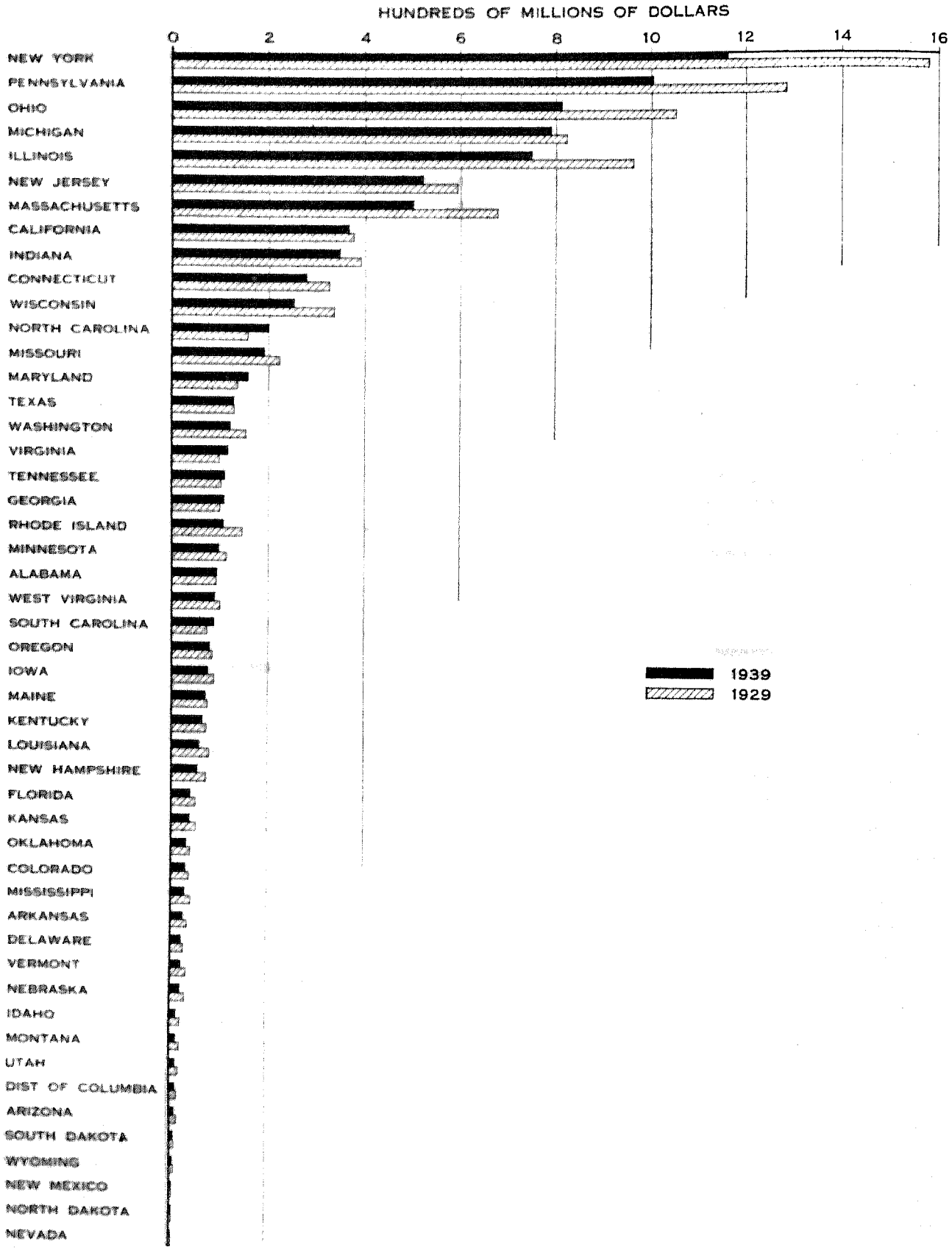


TABLE 4.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX, FOR GEOGRAPHIC DIVISIONS AND FOR STATES: 1939

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees on the pay roll on October 14, 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 for manufacturing personnel reported for earlier years. (See GENERAL EXPLANATIONS—Persons engaged—general classification)]

	DIVISION AND STATE	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION			Construction, total (male)	ALL OTHER		
					Total	Males	Females	Total	Males	Females	Total	Males	Females		Total	Males	Females
1	**United States**	**10,414,764**	**7,770,814**	**2,643,950**	**139,350**	**129,346**	**10,004**	**9,587,665**	**7,104,008**	**2,483,657**	**583,364**	**438,602**	**144,762**	**70,887**	**33,498**	**27,971**	**5,527**
	GEOGRAPHIC DIVISIONS:																
2	New England	1,203,016	817,179	385,837	14,491	13,374	1,117	1,134,077	764,335	369,742	45,367	30,939	14,428	6,137	2,944	2,394	550
3	Middle Atlantic	2,980,770	2,081,229	899,541	49,438	45,958	3,480	2,724,252	1,877,436	846,816	175,112	127,639	47,473	22,246	9,722	7,950	1,772
4	East North Central	2,932,580	2,362,359	570,221	34,871	32,454	2,417	2,701,797	2,184,058	517,739	172,456	123,963	48,493	15,417	8,039	6,467	1,572
5	West North Central	529,238	396,808	132,430	9,314	8,631	683	463,462	344,164	119,298	51,613	39,525	12,088	2,276	2,573	2,212	361
6	South Atlantic	1,217,414	862,718	354,696	11,545	10,749	796	1,152,661	805,450	347,211	42,239	35,975	6,264	8,078	2,891	2,466	425
7	East South Central	444,085	335,621	108,464	4,406	4,081	325	417,093	311,746	105,347	18,509	15,874	2,635	2,593	1,484	1,327	157
8	West South Central	367,258	315,462	51,796	5,055	4,693	362	326,096	277,956	48,140	27,593	24,456	3,137	6,655	1,859	1,702	157
9	Mountain	111,832	97,532	14,300	1,724	1,587	137	99,283	86,948	12,335	8,598	6,985	1,613	1,071	1,156	941	215
10	Pacific	628,571	501,906	126,665	8,506	7,819	687	568,944	451,915	117,029	41,877	33,246	8,631	6,414	2,830	2,512	318
	NEW ENGLAND:																
11	Maine	93,047	65,541	27,506	762	695	67	90,302	63,277	27,025	1,494	1,096	398	409	80	64	16
12	New Hampshire	65,328	44,673	20,655	573	538	35	63,522	43,226	20,296	1,060	748	312	123	50	38	12
13	Vermont	26,762	21,646	5,116	372	354	18	25,342	20,466	4,876	833	618	215	161	54	47	7
14	Massachusetts	587,224	396,390	190,834	8,040	7,429	611	549,396	367,489	181,907	25,620	17,645	7,975	2,586	1,582	1,241	341
15	Rhode Island	130,892	79,304	51,588	1,396	1,263	133	124,887	74,534	50,353	3,394	2,326	1,068	658	557	523	34
16	Connecticut	299,763	209,625	90,138	3,348	3,095	253	280,628	195,343	85,285	12,966	8,506	4,460	2,200	621	481	140
	MIDDLE ATLANTIC:																
17	New York	1,318,572	878,173	440,399	31,168	28,975	2,193	1,174,807	766,149	408,658	100,089	71,585	28,504	7,731	4,777	3,733	1,044
18	New Jersey	570,658	391,854	178,804	7,266	6,715	551	526,272	356,345	169,927	28,544	20,464	8,080	6,609	1,967	1,721	246
19	Pennsylvania	1,091,540	811,202	280,338	11,004	10,268	736	1,023,173	754,942	268,231	46,479	35,590	10,889	7,906	2,978	2,496	482
	EAST NORTH CENTRAL:																
20	Ohio	792,336	644,681	147,655	9,189	8,638	551	733,959	599,687	134,272	43,964	31,427	12,537	3,410	1,814	1,519	295
21	Indiana	376,047	299,160	76,887	3,854	3,559	295	350,037	278,852	71,185	18,379	13,280	5,099	2,420	1,357	1,049	308
22	Illinois	806,752	604,856	201,896	11,881	10,945	936	723,964	541,603	182,361	63,573	45,381	18,192	5,311	20,023	1,616	407
23	Michigan	683,902	593,506	90,396	5,439	5,086	353	645,736	563,487	82,249	28,196	20,733	7,463	2,537	1,994	1,663	331
24	Wisconsin	273,543	220,156	53,387	4,508	4,226	282	248,101	200,429	47,672	18,344	13,142	5,202	1,739	851	620	231
	WEST NORTH CENTRAL:																
25	Minnesota	111,740	87,402	24,338	2,171	2,017	154	97,208	76,251	20,957	11,295	8,198	3,097	464	602	472	130
26	Iowa	94,006	73,888	20,118	1,388	1,296	92	80,644	63,123	17,521	10,900	8,475	2,425	398	676	596	80
27	Missouri	236,704	162,171	74,533	4,187	3,866	321	211,863	142,380	69,483	19,237	14,571	4,666	741	676	613	63
28	North Dakota	4,517	3,545	972	120	106	14	3,707	2,877	830	565	449	116	30	95	83	12
29	South Dakota	8,486	6,840	1,646	167	158	9	7,636	6,130	1,506	610	487	123	15	58	50	8
30	Nebraska	29,030	24,080	4,950	581	535	46	24,159	20,044	4,115	3,931	3,196	735	173	186	132	54
31	Kansas	44,755	38,882	5,873	700	653	47	38,245	33,359	4,886	5,075	4,149	926	455	280	266	14
	SOUTH ATLANTIC:																
32	Delaware	28,162	20,312	7,850	305	275	30	26,577	19,050	7,527	1,033	744	289	222	25	21	4
33	Maryland	193,647	140,730	52,917	1,926	1,800	126	181,959	130,442	51,517	8,191	6,991	1,200	1,161	410	336	74
34	District of Columbia	14,911	11,719	3,192	338	302	36	11,269	8,856	2,413	3,163	2,436	727	28	113	97	16
35	Virginia	167,801	120,940	46,861	1,612	1,498	114	159,765	114,001	45,764	5,339	4,419	920	685	400	337	63
36	West Virginia	93,762	76,844	16,918	715	654	61	87,671	71,187	16,484	2,158	1,813	345	3,007	211	183	28
37	North Carolina	309,839	204,810	105,029	2,557	2,405	152	298,642	194,741	103,901	7,122	6,265	857	936	582	463	119
38	South Carolina	144,289	102,238	42,051	957	889	68	139,798	98,254	41,544	2,614	2,234	380	687	233	174	59
39	Georgia	193,442	130,254	63,188	1,947	1,822	125	182,499	120,434	62,065	7,627	6,664	963	811	558	523	35
40	Florida	71,561	54,871	16,690	1,188	1,104	84	64,481	48,485	15,996	4,992	4,409	583	541	359	332	27
	EAST SOUTH CENTRAL:																
41	Kentucky	83,390	61,484	21,906	1,333	1,215	118	75,888	55,005	20,883	5,335	4,475	860	487	347	302	45
42	Tennessee	162,891	116,193	46,698	1,645	1,544	101	152,400	106,933	45,467	7,128	6,049	1,079	1,297	421	370	51
43	Alabama	139,907	113,302	26,605	860	792	68	134,055	108,069	25,986	3,888	3,389	499	543	561	509	52
44	Mississippi	57,897	44,642	13,255	568	530	38	54,750	41,739	13,011	2,158	1,961	197	266	155	146	9
	WEST SOUTH CENTRAL:																
45	Arkansas	47,146	41,370	5,776	474	438	36	44,251	38,753	5,498	2,013	1,798	215	308	100	73	27
46	Louisiana	103,753	88,058	15,695	1,177	1,090	87	93,507	78,643	14,864	5,589	4,890	699	2,833	647	602	45
47	Oklahoma	39,541	35,486	4,055	752	684	68	34,090	30,562	3,528	4,260	3,816	444	260	179	164	15
48	Texas	176,818	150,548	26,270	2,652	2,481	171	154,248	129,998	24,250	15,731	13,952	1,779	3,254	933	863	70
	MOUNTAIN:																
49	Montana	14,466	13,648	818	212	194	18	12,712	12,082	630	946	781	165	183	413	408	5
50	Idaho	17,054	15,965	1,089	190	180	10	16,160	15,180	980	561	470	91	118	25	17	8
51	Wyoming	5,637	5,305	332	113	104	9	5,209	4,945	264	273	217	56	29	13	10	3
52	Colorado	38,580	33,119	5,461	633	574	59	33,153	28,701	4,452	4,107	3,174	933	496	191	174	17
53	New Mexico	4,625	4,146	479	86	77	9	4,164	3,755	409	340	280	60	22	13	12	1
54	Arizona	8,384	7,982	402	133	124	9	7,202	6,941	261	883	784	99	60	106	73	33
55	Utah	21,452	15,841	5,611	326	305	21	19,311	14,047	5,264	1,314	1,136	178	148	353	205	148
56	Nevada	1,634	1,526	108	31	29	2	1,372	1,297	75	174	143	31	15	42	42	----------
	PACIFIC:																
57	Washington	126,002	107,878	18,124	1,886	1,751	135	116,418	99,650	16,768	5,546	4,402	1,144	1,580	572	495	77
58	Oregon	85,113	71,943	13,170	1,165	1,062	103	79,430	67,105	12,325	3,176	2,496	680	1,013	329	267	62
59	California	417,456	322,085	95,371	5,455	5,006	449	373,096	285,160	87,936	33,155	26,348	6,807	3,821	1,929	1,750	179

See footnote at end of table.

TABLE 4.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX, FOR GEOGRAPHIC DIVISIONS AND FOR STATES: 1939—Con.

[See note at head of table]

	Division and state	Manufacturing												
		Total	Males	Females	Salaried persons						Wage earners			Average for the year [1]
					Managers			Clerks			Total	Males	Females	
					Total	Males	Females	Total	Males	Females				
1	**United States**	**9,587,665**	**7,104,008**	**2,483,657**	**368,012**	**371,969**	**16,043**	**521,245**	**289,217**	**232,028**	**8,678,408**	**6,442,822**	**2,235,586**	**7,886,567**
	GEOGRAPHIC DIVISIONS:													
2	New England	1,194,077	764,335	369,742	44,216	42,184	2,032	64,621	26,976	34,645	1,085,240	695,175	390,065	953,670
3	Middle Atlantic	2,724,202	1,877,436	846,816	109,259	102,861	6,398	164,556	86,304	78,252	2,453,437	1,688,281	765,156	2,249,621
4	East North Central	2,701,797	2,184,058	517,739	122,094	119,615	3,479	161,992	96,456	65,536	2,416,711	1,967,967	448,724	2,195,479
5	West North Central	463,402	344,164	119,238	21,167	20,242	925	29,494	15,288	14,146	412,801	308,654	104,207	382,201
6	South Atlantic	1,152,661	805,450	347,211	33,144	31,876	1,268	38,714	20,442	18,272	1,082,803	753,132	329,671	986,521
7	East South Central	417,093	311,746	105,347	13,960	13,427	533	14,359	8,493	5,866	388,774	289,856	98,918	357,827
8	West South Central	326,096	277,956	48,140	14,631	14,271	360	16,872	11,469	5,403	294,593	252,216	42,377	282,589
9	Mountain	99,383	86,948	12,335	4,684	4,572	112	5,795	3,635	2,160	88,804	78,741	10,063	69,245
10	Pacific	508,944	451,915	117,029	23,857	22,921	936	32,932	20,194	12,738	512,155	408,800	103,355	429,423
	NEW ENGLAND:													
11	Maine	90,302	63,277	27,025	2,639	2,574	65	2,938	1,257	1,681	84,725	59,446	25,279	75,656
12	New Hampshire	63,522	43,226	20,296	1,888	1,794	94	2,132	645	1,487	59,502	40,787	18,715	55,761
13	Vermont	25,342	20,466	4,876	1,091	1,042	49	1,296	678	618	22,955	18,746	4,209	21,759
14	Massachusetts	549,396	367,489	181,907	21,989	20,901	1,088	31,819	13,535	18,284	495,588	333,653	162,535	460,674
15	Rhode Island	124,887	74,594	50,353	4,716	4,455	261	5,890	2,390	3,500	114,281	67,749	46,532	106,275
16	Connecticut	280,628	195,343	85,285	11,893	11,418	475	17,546	8,531	9,015	251,189	175,394	75,795	233,525
	MIDDLE ATLANTIC:													
17	New York	1,174,807	766,149	408,658	43,625	40,382	3,243	76,599	36,509	40,090	1,054,583	689,258	365,325	957,854
18	New Jersey	526,272	356,345	169,927	25,206	24,024	1,182	30,412	17,510	12,902	470,654	314,811	155,843	433,471
19	Pennsylvania	1,023,173	754,942	268,231	40,428	38,455	1,973	54,545	32,275	22,270	928,200	684,212	243,988	858,296
	EAST NORTH CENTRAL:													
20	Ohio	733,959	599,687	134,272	32,023	31,305	718	46,480	29,026	17,454	655,456	539,356	116,100	598,397
21	Indiana	350,037	278,852	71,185	15,702	15,243	459	21,384	12,976	8,408	312,951	250,633	62,318	277,467
22	Illinois	723,964	541,603	182,361	34,039	32,589	1,450	46,407	26,396	20,011	643,518	482,618	160,900	596,476
23	Michigan	645,736	563,487	82,249	29,172	28,633	539	31,593	18,888	12,705	584,971	515,966	69,005	522,242
24	Wisconsin	248,101	200,429	47,672	12,158	11,845	313	16,128	9,170	6,958	219,815	179,414	40,401	200,897
	WEST NORTH CENTRAL:													
25	Minnesota	97,208	76,251	20,957	4,268	4,099	169	5,892	3,121	2,771	87,048	69,031	18,017	79,753
26	Iowa	80,644	63,123	17,521	3,959	3,804	155	6,154	3,240	2,914	70,531	56,079	14,452	65,314
27	Missouri	211,863	142,380	69,483	8,557	8,053	504	11,531	5,853	5,678	191,775	128,474	63,301	178,538
28	North Dakota	3,707	2,877	830	265	257	8	413	201	212	3,029	2,419	610	2,637
29	South Dakota	7,636	6,130	1,506	439	427	12	658	300	358	6,539	5,403	1,136	5,538
30	Nebraska	24,159	20,044	4,115	1,325	1,287	38	1,736	876	860	21,098	17,881	3,217	18,807
31	Kansas	38,245	33,359	4,886	2,354	2,315	39	3,020	1,697	1,323	32,871	29,347	3,524	31,614
	SOUTH ATLANTIC:													
32	Delaware	26,577	19,050	7,527	1,037	1,009	28	1,014	549	465	24,526	17,492	7,034	20,392
33	Maryland	181,959	130,442	51,517	5,033	4,774	259	8,567	4,845	3,722	168,359	120,823	47,536	141,643
34	District of Columbia	11,269	8,856	2,413	724	644	80	2,510	1,175	1,335	8,035	7,037	998	7,877
35	Virginia	159,765	114,001	45,764	5,393	5,149	244	4,932	2,739	2,193	149,440	106,113	43,327	133,894
36	West Virginia	87,671	71,187	16,484	3,801	3,700	101	3,542	2,270	1,272	80,328	65,217	15,111	74,989
37	North Carolina	298,642	194,741	103,901	6,520	6,351	169	6,390	3,232	3,158	285,732	185,158	100,574	270,207
38	South Carolina	139,798	98,254	41,544	2,821	2,744	77	2,418	1,408	1,010	134,559	94,102	40,457	126,983
39	Georgia	182,499	120,434	62,065	5,458	5,204	254	4,956	2,813	2,143	172,085	112,417	59,668	157,804
40	Florida	64,481	48,485	15,996	2,357	2,301	56	2,385	1,411	974	59,739	44,773	14,966	52,732
	EAST SOUTH CENTRAL:													
41	Kentucky	75,888	55,005	20,883	2,786	2,694	92	3,805	2,118	1,687	69,297	50,193	19,104	62,794
42	Tennessee	152,400	106,933	45,467	5,446	5,223	223	5,355	2,998	2,357	141,599	98,712	42,887	131,874
43	Alabama	134,055	108,069	25,986	3,970	3,878	92	3,870	2,622	1,248	126,215	101,569	24,646	116,800
44	Mississippi	54,750	41,739	13,011	1,758	1,632	126	1,329	725	604	51,663	39,382	12,281	46,359
	WEST SOUTH CENTRAL:													
45	Arkansas	44,251	38,753	5,498	1,427	1,396	31	1,279	755	524	41,545	36,602	4,943	36,256
46	Louisiana	93,507	78,643	14,864	3,505	3,429	76	3,754	2,606	1,148	86,248	72,608	13,640	71,218
47	Oklahoma	34,090	30,562	3,528	1,913	1,880	33	2,749	1,807	942	29,428	26,875	2,553	28,114
48	Texas	154,248	129,998	24,250	7,786	7,566	220	9,090	6,301	2,789	137,372	116,131	21,241	126,992

	MOUNTAIN:													
49	Montana	12,712	12,082	630	621	615	6	894	576	318	11,197	10,891	306	9,171
50	Idaho	16,160	15,180	980	531	519	12	634	370	264	14,995	14,291	704	10,877
51	Wyoming	5,209	4,945	264	318	316	2	361	222	139	4,530	4,407	123	3,484
52	Colorado	33,153	28,701	4,452	1,540	1,484	56	2,004	1,202	802	29,609	26,015	3,594	23,719
53	New Mexico	4,164	3,755	409	209	207	2	227	126	101	3,728	3,422	306	3,250
54	Arizona	7,202	6,941	261	499	492	7	478	317	161	6,225	6,132	93	6,096
55	Utah	19,311	14,047	5,264	874	847	27	1,086	755	331	17,351	12,445	4,906	11,555
56	Nevada	1,372	1,297	75	92	92	----------	111	67	44	1,169	1,138	31	1,093
	PACIFIC:													
57	Washington	116,418	99,650	16,768	4,286	4,160	126	4,640	2,750	1,890	107,492	92,740	14,752	90,324
58	Oregon	79,430	67,105	12,325	2,247	2,190	57	2,844	1,606	1,238	74,339	63,309	11,030	63,622
59	California	373,096	285,160	87,936	17,324	16,571	753	25,448	15,838	9,610	330,324	252,751	77,573	275,477

[1] Each figure is the 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. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied should be taken into account.

TABLE 5.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR GEOGRAPHIC DIVISIONS AND FOR STATES: 1939

	Division and state	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	Manufacturing: Total	Manufacturing: Managers, etc.	Manufacturing: Clerks, etc	Manufacturing: Wage earners
1	**United States**	**$12,836,584,293**	**$756,910,426**	**$10,873,287,858**	**$1,052,755,302**	**$107,557,384**	**$45,973,321**	**$10,873,287,858**	**$1,042,430,324**	**$741,016,618**	**$9,089,840,916**
	GEOGRAPHIC DIVISIONS:										
2	New England	1,410,745,215	88,807,077	1,232,558,026	87,850,805	3,450,755	4,008,690	1,232,558,026	116,802,105	80,699,473	1,035,056,360
3	Middle Atlantic	3,889,474,914	269,932,355	3,394,699,537	335,383,602	38,129,705	11,329,584	3,394,699,537	310,192,872	235,745,443	2,848,761,222
4	East North Central	4,117,647,272	212,578,540	3,541,332,550	328,101,526	23,743,740	11,895,584	3,541,332,550	346,885,603	244,133,467	2,950,313,390
5	West North Central	633,211,916	45,881,968	515,862,500	84,851,913	3,896,763	3,208,683	515,862,500	51,684,432	36,720,669	427,457,409
6	South Atlantic	1,085,048,658	58,127,822	952,000,427	68,386,983	9,434,912	3,098,514	952,000,427	78,224,057	47,365,330	826,413,040
7	East South Central	392,887,460	20,647,594	340,528,764	27,250,009	2,988,269	1,472,824	340,528,764	31,432,432	18,077,131	291,019,181
8	West South Central	367,603,681	22,150,724	298,126,482	39,020,428	9,216,401	2,108,896	298,126,482	33,517,166	23,347,654	238,264,662
9	Mountain	122,782,503	6,528,456	100,936,701	12,396,933	1,514,622	1,405,881	100,936,701	11,765,463	7,493,865	81,737,373
10	Pacific	797,160,834	49,280,802	670,419,779	72,513,122	9,752,214	4,214,337	670,419,779	61,895,994	47,497,566	561,026,219
	NEW ENGLAND:										
11	Maine	84,834,726	3,634,289	78,392,214	2,284,318	444,537	79,373	78,392,214	6,700,468	3,257,438	68,434,288
12	New Hampshire	65,578,337	3,348,895	59,870,328	2,124,835	177,537	56,732	59,870,328	4,917,780	2,217,326	52,735,240
13	Vermont	29,199,244	1,842,867	25,430,301	1,618,805	242,125	65,146	25,430,301	2,686,624	1,511,322	21,232,355
14	Massachusetts	706,360,010	47,549,079	601,975,715	50,550,266	4,095,866	2,189,093	601,975,715	58,161,079	42,981,352	500,923,284
15	Rhode Island	141,519,489	8,785,963	124,551,163	6,468,511	994,009	719,793	124,551,163	12,179,164	6,974,049	105,406,950
16	Connecticut	363,252,489	21,645,993	332,318,307	24,803,935	3,496,681	988,553	332,318,307	32,316,060	23,728,004	276,274,243
	MIDDLE ATLANTIC:										
17	New York	1,767,851,679	157,961,094	1,402,517,466	187,845,078	12,559,158	6,968,883	1,402,517,466	126,611,649	112,126,619	1,163,785,198
18	New Jersey	737,546,668	44,684,730	640,438,020	56,957,269	12,687,753	3,078,294	640,438,020	72,987,940	45,901,448	521,568,632
19	Pennsylvania	1,384,077,167	64,886,531	1,191,684,051	96,581,345	12,582,795	4,342,445	1,191,684,051	110,613,283	77,721,376	1,003,349,392
	EAST NORTH CENTRAL:										
20	Ohio	1,125,369,470	58,908,523	975,418,150	84,169,314	3,416,991	2,416,292	975,418,150	91,021,987	71,719,719	812,676,444
21	Indiana	478,604,657	21,663,838	418,145,239	32,343,949	3,433,018	2,018,613	418,145,239	41,969,256	30,700,790	345,475,193
22	Illinois	1,119,244,123	73,249,521	915,213,360	119,820,054	8,381,740	2,588,448	915,213,360	96,599,218	68,375,057	750,239,085
23	Michigan	1,027,488,238	35,612,027	927,945,057	56,760,910	3,993,542	3,236,702	927,945,057	88,357,776	53,611,606	789,975,675
24	Wisconsin	367,540,754	24,028,631	304,610,744	35,067,131	2,378,449	1,255,829	304,610,744	30,937,456	21,726,295	251,946,993
	WEST NORTH CENTRAL:										
25	Minnesota	145,826,284	10,582,318	114,859,713	18,833,613	596,979	953,611	114,859,713	10,813,599	7,159,189	96,886,925
26	Iowa	114,990,186	6,380,677	90,417,328	16,640,139	547,146	804,676	90,417,328	9,285,785	7,665,624	73,466,119
27	Missouri	285,490,280	22,226,593	227,446,395	33,898,757	1,114,721	803,814	227,446,395	21,699,897	15,100,647	190,735,851
28	North Dakota	5,030,390	416,133	3,788,059	693,632	21,414	111,152	3,788,059	572,413	444,178	2,771,468
29	South Dakota	9,235,691	603,405	7,777,765	771,665	20,272	62,584	7,777,765	987,225	755,016	6,035,524
30	Nebraska	34,898,295	2,474,805	25,648,546	6,134,832	397,676	242,442	25,648,546	3,040,442	1,984,554	20,623,550
31	Kansas	57,740,840	2,998,037	45,924,584	7,879,254	628,561	310,404	45,924,584	5,375,071	3,611,481	36,938,032
	SOUTH ATLANTIC:										
32	Delaware	30,210,159	1,948,761	26,103,885	1,871,993	231,972	53,548	26,103,885	2,822,461	1,321,797	21,959,627
33	Maryland	210,327,330	10,825,533	182,735,066	14,722,252	1,551,958	492,521	182,735,066	13,997,529	11,954,883	156,782,654
34	District of Columbia	25,453,827	1,775,704	18,544,445	4,897,967	49,041	186,670	18,544,445	2,527,458	4,244,707	11,772,280
35	Virginia	152,591,579	7,646,749	135,235,160	8,434,908	853,670	421,092	135,235,160	13,383,498	6,313,040	115,538,622
36	West Virginia	114,601,536	3,438,319	103,648,614	3,374,444	3,814,695	325,464	103,648,614	10,339,885	4,821,296	88,487,433
37	North Carolina	246,834,206	12,481,235	221,078,199	11,432,445	1,194,862	647,465	221,078,199	14,125,317	7,663,382	199,289,500
38	South Carolina	103,572,611	4,300,571	95,518,190	2,963,301	560,870	229,679	95,518,190	6,134,380	2,767,568	86,616,242
39	Georgia	144,546,175	8,142,881	124,045,615	11,215,598	741,460	400,621	124,045,615	10,448,577	5,513,560	108,083,478
40	Florida	56,911,235	4,568,069	45,091,253	6,474,075	436,384	341,454	45,091,253	4,444,952	2,763,097	37,883,204
	EAST SOUTH CENTRAL:										
41	Kentucky	89,452,058	6,432,315	73,487,708	8,552,510	631,614	347,911	73,487,708	6,720,726	4,864,628	61,902,354
42	Tennessee	150,670,561	8,388,027	129,097,473	11,295,049	1,379,035	510,977	129,097,473	12,675,233	6,760,471	109,661,769
43	Alabama	115,854,134	3,745,346	105,941,843	5,029,470	696,063	441,412	105,941,843	8,884,682	5,039,191	92,017,970
44	Mississippi	36,910,707	2,081,906	32,001,740	2,372,980	281,557	172,524	32,001,740	3,151,811	1,412,841	27,437,088
	WEST SOUTH CENTRAL:										
45	Arkansas	33,865,222	2,041,708	28,745,771	2,558,928	394,463	124,352	28,745,771	2,742,348	1,426,189	24,577,234
46	Louisiana	86,260,028	5,411,798	67,714,981	7,987,476	4,294,221	851,552	67,714,981	7,875,026	4,756,415	55,083,540
47	Oklahoma	47,970,106	3,243,023	38,301,661	5,948,427	291,006	185,989	38,301,661	4,340,193	3,496,283	30,465,185
48	Texas	199,510,575	11,434,195	160,367,069	22,525,597	4,236,711	947,003	160,367,069	18,559,599	13,668,767	128,138,703
	MOUNTAIN:										
49	Montana	17,951,505	776,654	15,055,587	1,403,294	270,868	445,102	15,055,587	1,688,074	1,219,085	12,148,428
50	Idaho	16,314,412	605,842	14,760,797	698,048	158,330	91,395	14,760,797	1,240,300	766,370	12,754,127
51	Wyoming	6,847,867	396,136	6,041,429	336,117	37,747	36,438	6,041,429	832,186	452,149	4,757,094
52	Colorado	44,508,456	2,545,259	34,958,005	6,088,374	619,420	297,398	34,958,005	3,871,093	2,694,979	28,391,933
53	New Mexico	4,236,690	295,059	3,545,322	357,384	28,062	10,863	3,545,322	408,149	224,180	2,912,993
54	Arizona	11,317,207	652,757	9,121,911	1,268,003	112,662	161,874	9,121,911	1,305,507	653,765	7,162,639
55	Utah	19,122,011	1,156,733	15,402,374	1,968,994	265,549	328,361	15,402,374	2,102,935	1,331,677	11,967,762
56	Nevada	2,484,445	100,016	2,051,276	276,719	21,984	34,450	2,051,276	257,219	151,660	1,642,397
	PACIFIC:										
57	Washington	155,878,058	7,707,262	135,704,802	9,346,392	2,216,891	902,711	135,704,802	11,067,036	6,311,433	118,326,333
58	Oregon	98,065,059	4,510,194	86,810,497	5,139,646	1,214,788	389,934	86,810,497	5,605,776	3,619,175	77,585,546
59	California	543,237,217	28,063,436	447,904,480	58,027,084	6,320,535	2,921,682	447,904,480	45,223,182	37,566,958	365,114,340

TABLE 6.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX, FOR INDUSTRIAL AREAS: 1939

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees on the pay roll on October 14, 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 for manufacturing personnel reported for earlier years. (See GENERAL EXPLANATIONS—Persons engaged—general classification)]

	AREA	Grand total	Males	Females	SALARIED OFFICERS			MANUFACTURING			DISTRIBUTION			Construction	ALL OTHER		
					Total	Males	Females	Total	Males	Females	Total	Males	Females	Total (male)	Total	Males	Females
1	**United States**	**10,414,764**	**7,770,814**	**2,643,950**	**139,350**	**129,346**	**10,004**	**9,587,665**	**7,104,008**	**2,483,657**	**583,364**	**438,602**	**144,762**	**70,887**	**33,498**	**27,971**	**5,527**
2	Industrial areas, total	5,759,029	4,263,416	1,495,613	88,149	81,834	6,315	5,247,877	3,861,992	1,385,885	367,210	267,073	100,137	37,874	17,919	14,643	3,276
3	New York City-Newark-Jersey City	1,177,314	753,949	423,365	30,673	28,535	2,138	1,038,731	645,487	393,244	96,163	69,080	27,083	7,074	4,673	3,773	900
4	Chicago	656,337	498,470	157,867	9,827	9,060	767	589,535	447,874	141,661	51,061	35,888	15,173	4,464	1,450	1,184	266
5	Philadelphia-Camden	419,028	292,540	126,488	5,259	4,898	361	384,177	264,350	119,827	25,482	19,388	6,094	2,663	1,447	1,241	206
6	Detroit	408,280	364,197	44,083	2,747	2,568	179	386,892	347,274	39,618	16,336	12,189	4,147	1,162	1,143	1,004	139
7	Boston	308,421	207,270	101,151	4,986	4,606	380	284,991	189,466	95,525	16,077	11,032	5,045	1,413	954	753	201
8	Pittsburgh	248,682	225,706	22,976	1,784	1,674	110	234,120	213,775	20,345	9,456	7,021	2,435	2,929	393	307	86
9	Providence-Fall River-New Bedford	187,688	111,679	76,009	1,802	1,639	163	180,141	105,662	74,479	4,334	3,025	1,309	734	677	619	58
10	Cleveland	188,739	153,577	35,162	2,743	2,586	157	174,294	142,315	31,979	10,468	7,546	2,922	664	570	466	104
11	Bridgeport-New Haven-Waterbury	168,234	113,645	54,589	1,936	1,782	154	156,123	104,742	51,381	8,353	5,414	2,939	1,437	385	270	115
12	St. Louis	168,782	126,539	42,243	2,829	2,636	193	150,198	111,597	38,601	13,733	10,331	3,402	1,678	344	297	47
13	Los Angeles	182,112	144,448	37,664	2,873	2,642	231	159,420	125,659	33,761	17,814	14,229	3,585	1,203	802	715	87
14	Baltimore	138,957	107,093	31,864	1,530	1,437	93	129,436	98,747	30,689	7,017	6,005	1,012	610	364	294	70
15	Milwaukee	134,309	108,990	25,319	2,354	2,213	141	120,839	98,824	22,015	9,975	6,963	3,012	617	524	373	151
16	Buffalo	127,857	106,780	21,077	1,459	1,349	110	117,094	98,505	18,589	7,389	5,079	2,310	1,689	226	158	68
17	Cincinnati	114,766	88,880	25,886	1,660	1,557	103	104,385	80,926	23,459	7,960	5,677	2,283	453	308	267	41
18	Worcester	98,788	72,534	26,254	1,168	1,087	81	92,936	68,050	24,886	3,879	2,656	1,223	499	306	242	64
19	San Francisco-Oakland	113,086	87,741	25,345	1,643	1,486	157	99,796	76,868	22,928	9,637	7,427	2,210	1,614	396	346	50
20	Youngstown	91,993	83,798	8,195	397	361	36	89,395	81,726	7,669	1,643	1,157	486	490	68	64	4
21	Hartford	79,107	59,535	19,572	850	798	52	74,322	55,933	18,389	3,337	2,228	1,109	473	125	103	22
22	Allentown-Bethlehem	67,234	45,724	21,510	551	518	33	65,083	43,817	21,266	1,326	1,123	203	184	90	82	8
23	Rochester	70,727	50,611	20,116	856	793	63	63,086	44,652	18,434	4,503	2,998	1,505	1,949	333	219	114
24	Minneapolis-St. Paul	68,715	51,656	17,059	1,518	1,406	112	58,305	43,747	14,558	8,188	5,905	2,283	255	449	343	106
25	Wheeling	52,047	44,030	8,017	317	296	21	49,428	41,721	7,707	1,090	812	278	1,136	76	65	11
26	Reading	47,715	31,183	16,532	507	474	33	45,086	28,953	16,133	1,819	1,471	348	214	89	71	18
27	Akron	56,094	46,613	9,481	411	387	24	51,517	42,981	8,536	3,663	2,749	914	450	53	46	7
28	Dayton	50,566	41,504	9,062	518	486	32	46,238	38,435	7,803	3,501	2,333	1,168	134	175	116	59
29	Indianapolis	53,509	40,938	12,571	819	743	76	47,192	36,190	11,002	4,737	3,871	1,866	312	449	322	127
30	Kansas City	53,085	40,679	12,406	959	872	87	45,498	34,686	10,812	6,199	4,718	1,481	171	258	232	26
31	Seattle-Tacoma	50,314	42,769	7,545	1,149	1,061	88	45,153	38,489	6,664	3,462	2,692	770	323	227	204	23
32	Springfield-Holyoke	47,780	34,222	13,558	645	589	56	44,055	31,373	12,682	2,582	1,793	789	439	59	28	31
33	Albany-Schenectady-Troy	47,974	34,000	13,974	499	456	43	44,526	31,060	13,466	2,296	1,869	427	325	328	290	38
34	Scranton-Wilkes-Barre	37,649	17,579	20,070	377	360	17	35,754	15,943	19,811	1,361	1,127	234	98	59	51	8
35	Toledo	43,140	34,537	8,603	503	479	24	40,131	32,165	7,966	2,369	1,777	592	18	119	98	21

TABLE 6.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX, FOR INDUSTRIAL AREAS: 1939—Continued

[See note at head of table]

	AREA	MANUFACTURING												
		Total	Males	Females	Salaried persons						Wage earners			
					Managers			Clerks						
					Total	Males	Females	Total	Males	Females	Total	Males	Females	Average for year [1]
1	**United States**	**9,587,665**	**7,104,008**	**2,483,657**	**388,012**	**371,969**	**16,043**	**521,245**	**289,217**	**232,028**	**8,678,408**	**6,442,822**	**2,235,586**	**7,886,587**
2	Industrial areas, total	3,247,877	3,861,992	1,385,885	224,837	214,285	10,552	326,624	181,753	144,871	4,696,416	3,465,954	1,230,462	4,311,567
3	New York City-Newark-Jersey City	1,038,731	645,487	393,244	38,473	35,196	3,277	66,128	31,221	34,907	934,130	579,070	355,060	849,698
4	Chicago	589,595	447,874	141,661	27,235	25,999	1,236	39,284	23,672	15,612	523,016	398,303	124,813	483,593
5	Philadelphia-Camden	384,177	264,350	119,827	15,870	14,944	926	22,463	12,218	10,245	345,844	237,188	108,656	321,725
6	Detroit	366,892	347,274	39,618	16,811	16,455	356	18,729	12,095	6,634	351,352	318,724	32,628	311,332
7	Boston	284,991	189,466	95,525	11,750	11,118	632	18,183	7,724	10,459	255,058	170,624	84,434	237,496
8	Pittsburgh	234,120	213,775	20,345	9,969	9,776	193	13,669	9,521	4,148	210,482	194,478	16,004	191,903
9	Providence-Fall River-New Bedford	180,141	105,662	74,479	5,933	5,530	403	7,814	2,959	4,855	166,394	97,173	69,221	153,613
10	Cleveland	174,294	142,315	31,979	8,681	8,505	176	11,720	7,466	4,254	153,893	126,344	27,549	140,653
11	Bridgeport-New Haven-Waterbury	156,123	104,742	51,381	6,968	6,613	355	10,336	4,719	5,617	138,819	93,410	45,409	128,396
12	St. Louis	150,198	111,597	38,601	7,269	6,971	298	8,888	5,030	3,858	134,041	99,596	34,445	126,831
13	Los Angeles	159,420	125,659	33,761	8,913	8,493	420	13,396	8,597	4,799	137,111	108,569	28,542	126,291
14	Baltimore	129,436	98,747	30,689	3,895	3,706	189	6,961	3,903	3,058	118,580	91,138	27,442	105,737
15	Milwaukee	120,839	98,824	22,015	6,870	6,707	163	9,044	5,424	3,620	104,925	86,993	18,232	98,415
16	Buffalo	117,094	98,505	18,589	7,145	6,955	190	8,015	4,987	3,028	101,934	86,583	15,371	91,528
17	Cincinnati	104,385	80,926	23,459	4,486	4,350	136	6,850	4,251	2,599	93,049	72,325	20,724	87,384
18	Worcester	92,996	68,050	24,886	3,916	3,746	170	5,239	2,449	2,790	83,781	61,855	21,926	78,373
19	San Francisco-Oakland	99,796	76,868	22,928	4,569	4,382	187	7,324	4,467	2,857	87,903	68,019	19,884	76,374
20	Youngstown	89,395	81,726	7,669	3,281	3,249	32	3,988	2,764	1,224	82,126	75,713	6,413	72,826
21	Hartford	74,322	55,933	18,389	3,018	2,955	63	4,994	2,798	2,196	66,310	50,180	16,130	62,244
22	Allentown-Bethlehem	65,083	43,817	21,266	2,362	2,253	109	2,947	1,776	1,171	59,774	39,788	19,986	55,342
23	Rochester	63,086	44,652	18,434	2,905	2,802	103	5,697	3,062	2,635	54,484	38,788	15,696	51,331
24	Minneapolis-St. Paul	58,305	43,747	14,558	2,597	2,456	141	3,630	1,884	1,746	52,078	39,407	12,671	48,607
25	Wheeling	49,428	41,721	7,707	1,342	1,312	30	1,724	1,055	669	46,362	39,354	7,008	43,519
26	Reading	45,086	28,953	16,133	1,463	1,384	79	1,505	835	670	42,118	26,734	15,384	40,612
27	Akron	51,517	42,981	8,536	3,087	3,029	58	4,837	3,558	1,279	43,593	36,394	7,199	40,155
28	Dayton	46,238	38,435	7,803	2,117	2,058	59	3,700	2,455	1,245	40,421	33,922	6,499	39,367
29	Indianapolis	47,192	36,190	11,002	2,248	2,166	82	3,437	1,798	1,639	41,507	32,226	9,281	38,838
30	Kansas City	45,498	34,686	10,812	2,213	2,104	109	2,889	1,634	1,255	40,396	30,948	9,448	38,378
31	Seattle-Tacoma	45,153	38,489	6,664	2,044	1,956	88	2,280	1,400	880	40,829	35,133	5,696	36,850
32	Springfield-Holyoke	44,055	31,373	12,682	2,194	2,142	52	2,916	1,354	1,562	38,945	27,877	11,068	36,446
33	Albany-Schenectady-Troy	44,526	31,060	13,466	2,143	2,100	43	4,131	2,572	1,559	38,252	26,388	11,864	36,368
34	Scranton-Wilkes-Barre	35,754	15,943	19,811	1,120	951	169	1,416	605	811	33,218	14,387	18,831	31,452
35	Toledo	40,131	32,165	7,966	1,950	1,922	28	2,490	1,500	990	35,691	28,743	6,948	30,676

[1] Each figure is the 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. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied should be taken into account. The wage-earner average for all industrial areas in combination is not necessarily identical with the sum of the averages for the several industrial areas, because each average, whether for all industrial areas or for a single industrial area (being a quotient—usually ending in a fraction—obtained by dividing the total of the corresponding monthly figures by 12), is correct only to the nearest unit.

TABLE 7.—SALARIES AND WAGES OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, FOR INDUSTRIAL AREAS: 1939

	AREA	Grand total	Salaried officers	Manufacturing	Distribution	Construction	Other employees	MANUFACTURING			
								Total	Managers, etc.	Clerks, etc.	Wage earners
1	**United States**	**$12,836,584,293**	**$756,910,428**	**$10,873,387,858**	**$1,052,755,302**	**$107,557,384**	**$45,973,321**	**$10,873,387,858**	**$1,042,430,324**	**$741,016,618**	**$9,089,940,916**
2	Industrial areas, total	7,993,998,807	506,800,298	6,690,673,850	705,440,520	64,293,292	26,790,847	6,690,673,850	648,355,184	490,190,616	5,552,128,050
3	New York City-Newark-Jersey City	1,616,810,823	156,026,879	1,257,137,959	182,228,305	14,254,146	7,163,534	1,257,137,959	114,958,908	99,497,351	1,042,681,700
4	Chicago	953,275,380	62,057,457	784,145,296	97,838,090	7,405,578	1,828,959	784,145,296	81,865,996	61,746,169	640,533,131
5	Philadelphia-Camden	557,510,494	34,048,216	464,440,989	51,979,344	5,294,058	1,747,887	464,440,989	45,505,873	31,820,006	387,115,110
6	Detroit	657,393,332	20,030,336	599,080,302	34,329,725	1,979,191	1,973,778	599,080,302	53,882,602	33,288,225	511,909,475
7	Boston	385,288,736	28,659,017	321,727,939	31,454,628	2,160,703	1,286,449	321,727,939	31,427,915	25,804,454	264,495,570
8	Pittsburgh	357,981,899	10,928,394	323,703,705	18,598,067	4,124,089	627,644	323,703,705	30,025,973	22,597,554	271,080,178
9	Providence-Fall River-New Bedford	192,374,961	11,408,490	170,312,061	8,715,257	1,094,156	844,997	170,312,061	15,183,624	9,043,764	146,084,673
10	Cleveland	285,092,520	17,795,351	243,776,886	21,592,443	1,140,792	787,048	243,776,886	25,579,179	18,044,114	200,153,593
11	Bridgeport-New Haven-Waterbury	215,929,804	12,936,803	184,163,552	15,893,259	2,291,707	644,483	184,163,552	18,991,311	14,179,232	150,993,009
12	St. Louis	229,629,214	16,174,899	184,646,151	25,878,649	2,472,699	456,816	184,646,151	19,474,470	12,232,231	152,939,450
13	Los Angeles	258,123,668	15,336,999	208,775,096	30,489,643	2,090,562	1,431,368	208,775,096	22,568,112	19,576,517	166,630,467
14	Baltimore	171,508,272	9,056,090	148,342,265	12,881,854	768,923	459,140	148,342,265	11,519,003	9,842,203	126,981,059
15	Milwaukee	204,360,782	13,309,697	168,857,335	20,224,817	1,099,628	869,305	168,857,335	18,246,147	12,713,994	137,897,194
16	Buffalo	186,032,791	9,383,016	159,376,492	14,348,247	2,640,447	284,589	159,376,492	20,298,772	11,954,766	127,122,954
17	Cincinnati	163,044,483	10,858,753	135,710,734	15,302,052	808,291	364,653	135,710,734	13,066,784	10,419,426	112,224,524
18	Worcester	122,789,706	7,506,158	106,474,038	7,555,088	767,611	486,811	106,474,038	10,547,816	7,035,959	88,890,263
19	San Francisco-Oakland	166,273,326	8,313,547	135,556,047	18,964,347	2,874,607	564,778	135,556,047	13,122,853	11,468,913	110,964,281
20	Youngstown	130,884,786	2,305,901	124,361,456	3,149,563	986,693	81,173	124,361,456	10,230,466	6,186,795	107,944,195
21	Hartford	108,871,761	5,460,022	95,898,065	6,611,691	724,106	177,877	95,898,065	8,694,239	6,779,709	80,424,117
22	Allentown-Bethlehem	74,542,854	3,014,625	68,764,249	2,369,317	284,529	110,134	68,764,249	6,211,611	3,885,711	58,666,927
23	Rochester	107,372,407	5,449,006	89,595,075	8,504,366	3,355,990	467,970	89,595,075	9,966,345	8,667,481	70,961,249
24	Minneapolis-St. Paul	97,756,597	7,981,248	74,129,188	14,598,168	328,726	719,267	74,129,188	7,044,780	4,626,079	62,458,329
25	Wheeling	69,148,969	1,724,124	64,344,921	1,775,445	1,183,051	121,428	64,344,921	4,032,505	2,527,874	57,784,542
26	Reading	54,084,668	2,821,587	47,008,535	3,800,160	346,760	107,626	47,008,535	3,340,487	1,971,373	41,696,675
27	Akron	96,821,372	3,226,211	84,422,830	8,297,250	798,426	76,655	84,422,830	9,786,119	9,131,847	65,504,864
28	Dayton	83,387,346	3,728,621	72,652,126	6,389,290	253,388	363,921	72,652,126	5,716,996	6,846,117	60,089,013
29	Indianapolis	74,013,112	5,025,823	58,499,856	8,824,389	418,174	1,244,870	58,499,856	5,804,610	4,556,133	48,139,113
30	Kansas City	73,723,764	5,210,643	57,356,670	10,513,759	291,361	351,331	57,356,670	5,501,983	4,043,668	47,811,019
31	Seattle-Tacoma	70,834,750	4,734,777	59,076,808	6,208,675	524,894	289,596	59,076,808	5,156,475	3,212,182	50,708,151
32	Springfield-Holyoke	63,561,475	4,034,040	53,446,567	5,187,496	811,946	81,426	53,446,567	5,480,115	3,668,920	44,297,532
33	Albany-Schenectady-Troy	68,969,512	3,020,343	60,527,878	4,295,965	596,876	528,450	60,527,878	7,216,696	7,148,334	46,162,848
34	Scranton-Wilkes-Barre	35,232,085	1,839,552	31,172,573	2,048,543	90,049	81,368	31,172,573	2,450,165	1,595,385	27,127,023
35	Toledo	61,373,158	3,393,673	53,190,206	4,592,628	31,135	165,516	53,190,206	5,456,254	4,078,130	43,655,822

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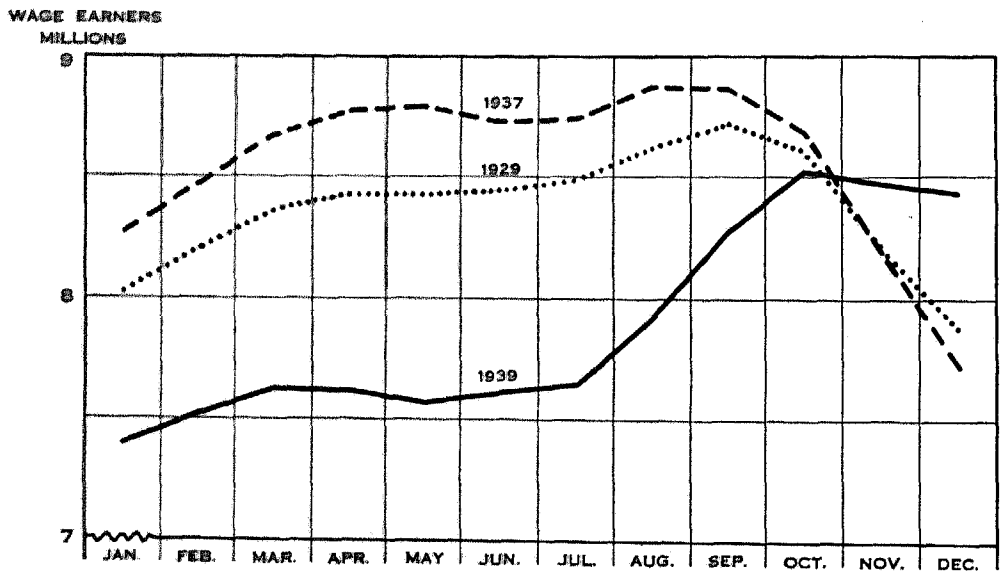
WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929.



Prepared by the Bureau of the Census, Department of Commerce

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR ALL INDUSTRIES, 1939, 1937, AND 1929, AND FOR INDUSTRY GROUPS AND INDUSTRIES, 1939

Group No.	INDUSTRY GROUP AND INDUSTRY	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR NEAREST REPRESENTATIVE DAY— January	February	March	April	May	June	July	August	September	October	November	December
	All industry groups:													
	1939	7,886,567	7,392,549	7,518,153	7,625,501	7,622,457	7,574,974	7,612,038	7,644,598	7,925,086	8,281,634	8,522,305	8,483,085	8,436,429
	1937	8,569,231	8,271,364	8,471,532	8,678,416	8,780,514	8,798,019	8,730,724	8,743,989	8,878,894	8,867,465	8,685,748	8,200,349	7,723,759
	1929	8,369,705	8,021,720	8,204,843	8,364,301	8,434,506	8,430,286	8,445,259	8,490,303	8,627,129	8,719,571	8,612,118	8,208,975	7,877,492
	INDUSTRY GROUPS: 1939													
1	Food and kindred products	823,693	720,311	712,205	723,198	742,396	766,073	809,071	864,881	965,998	999,826	918,096	852,691	809,606
2	Tobacco manufactures	87,525	82,909	85,034	84,845	85,129	85,950	87,036	87,253	89,904	90,018	91,154	91,252	89,823
3	Textile-mill products and other fiber manufactures	1,082,602	1,061,393	1,077,942	1,071,859	1,044,670	1,037,290	1,041,125	1,054,661	1,077,029	1,088,901	1,142,728	1,156,746	1,136,901
4	Apparel and other finished products made from fabrics and similar materials	751,377	701,287	744,711	769,578	753,099	722,553	705,097	693,138	773,983	801,861	815,479	781,145	754,557
5	Lumber and timber basic products	360,613	324,199	324,650	330,452	343,522	359,270	365,923	368,748	377,598	381,951	389,715	386,954	374,378
6	Furniture and finished lumber products	293,570	271,955	279,346	284,579	283,646	284,224	287,536	290,224	295,362	305,072	314,807	316,264	309,824
7	Paper and allied products	264,716	252,942	254,515	256,134	255,900	255,257	256,296	257,071	261,991	271,633	283,510	286,945	284,384
8	Printing, publishing, and allied industries	324,535	321,845	321,011	322,734	322,947	323,346	319,706	319,606	321,058	326,629	328,188	331,796	335,541
9	Chemicals and allied products	287,136	277,275	280,467	290,586	293,120	278,267	270,203	269,088	268,657	296,916	308,355	307,563	305,116
10	Products of petroleum and coal	105,428	99,105	99,285	100,475	101,418	102,697	104,908	106,470	107,850	109,930	111,887	111,639	109,459
11	Rubber products	120,740	115,416	116,304	118,002	116,613	115,509	114,792	116,034	118,753	124,528	131,283	131,712	129,941
12	Leather and leather products	327,663	323,334	340,744	344,722	334,251	311,749	313,054	327,884	335,424	332,158	331,774	317,989	318,870
13	Stone, clay, and glass products	287,522	254,464	256,487	269,243	281,992	284,793	293,321	293,182	296,725	300,848	308,963	309,805	300,437
14	Iron and steel and their products, except machinery	966,367	894,088	905,849	912,379	914,938	909,266	914,240	918,316	940,991	992,956	1,072,960	1,109,229	1,111,183
15	Nonferrous metals and their products	228,753	210,365	212,912	216,589	215,681	215,211	214,387	215,707	224,673	237,804	254,938	263,794	262,976
16	Electrical machinery	256,467	233,547	234,600	236,535	235,020	236,583	242,155	244,962	257,246	270,586	292,526	299,479	294,348
17	Machinery (except electrical)	522,980	485,961	501,497	513,937	519,221	517,307	517,408	513,943	517,256	520,977	541,970	555,022	571,272
18	Automobiles and automobile equipment	398,963	424,426	416,125	412,728	405,373	389,367	368,965	313,317	295,799	412,349	445,679	419,666	483,773
19	Transportation equipment except automobiles	157,097	124,851	133,558	138,970	145,709	153,877	157,659	157,599	157,969	163,872	173,574	183,921	193,616
20	Miscellaneous industries	238,827	212,882	220,911	227,956	227,812	226,385	229,176	232,514	240,820	252,819	264,719	269,473	260,424
	INDUSTRIES													
13	Abrasive wheels, stones, paper, cloth, and related products	7,734	7,027	7,131	7,171	7,300	7,291	7,287	7,336	7,405	7,881	8,610	9,177	9,186
17	Agricultural machinery (except tractors)	27,806	27,900	29,743	30,142	30,480	29,924	28,344	25,653	25,719	26,033	26,667	25,748	27,314
19	Aircraft and parts, including aircraft engines	48,638	34,433	36,512	38,188	41,101	44,567	48,057	49,832	51,535	52,946	56,289	62,601	67,589
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	38,816	35,418	35,503	35,617	35,452	35,543	35,687	35,812	36,803	40,028	45,103	47,449	47,378
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	17,249	14,676	14,699	15,629	16,031	16,320	16,390	16,798	17,204	17,366	19,269	21,239	21,968
15	Aluminum ware, kitchen, hospital, and household except electrical appliances	6,297	6,063	6,194	6,374	6,485	6,382	6,301	6,213	6,313	6,214	6,163	6,305	6,550
9	Ammunition	4,264	3,679	3,862	3,969	3,960	3,924	3,962	4,061	4,236	4,252	5,099	5,381	4,844
3	Artificial leather and oilcloth	3,976	3,869	3,950	3,967	3,835	3,772	3,664	3,791	4,055	4,173	4,277	4,242	4,178
20	Artists' materials	397	397	402	396	377	367	363	366	368	403	440	447	443
13	Asbestos products (except steam packing and pipe and boiler covering)	9,979	9,234	9,371	9,397	9,743	9,538	9,817	9,700	9,952	10,288	10,891	10,937	10,875
14	Automobile stampings	8,597	8,993	8,358	8,375	8,694	7,582	7,495	7,372	7,727	8,860	9,922	10,076	10,312
18	Automobile trailers (for attachment to passenger cars)	1,426	923	945	1,125	1,398	1,583	1,639	1,700	1,575	1,474	1,518	1,589	1,643
16	Automotive electrical equipment	17,495	17,217	17,110	16,738	16,768	16,753	16,526	16,041	16,797	18,032	19,210	18,306	20,437
1	Baking powder, yeast, and other leavening compounds	2,334	2,302	2,362	2,337	2,306	2,333	2,334	2,366	2,345	2,333	2,333	2,329	2,334
6	Baskets for fruits and vegetables	8,048	5,737	6,505	7,431	7,817	8,786	9,603	9,693	9,591	9,951	9,160	6,615	6,291
16	Batteries, storage and primary (dry and wet)	15,034	13,657	13,726	14,269	13,690	13,616	13,818	14,309	15,504	16,423	17,827	17,359	16,207
3	Batting, padding, and wadding; upholstery filling	4,595	4,425	4,476	4,317	4,232	4,077	4,077	3,833	4,033	4,783	5,303	5,160	5,278
20	Beauty-shop and barber-shop equipment	1,986	1,849	1,785	1,935	2,146	2,071	2,242	1,953	1,885	1,989	2,108	1,957	1,915
10	Beehive coke	685	480	475	475	102	395	431	412	421	758	1,434	1,477	1,359
1	Beet sugar	10,410	6,710	3,636	3,631	4,022	4,368	4,541	5,136	8,094	10,949	27,541	27,195	19,092
4	Belts (apparel), regardless of material	4,222	3,858	4,281	4,351	4,280	4,091	4,008	3,899	4,555	4,544	4,347	4,252	3,999
1	Biscuit, crackers, and pretzels	29,173	28,551	29,407	29,519	28,847	29,475	29,261	28,803	28,716	29,907	29,935	29,440	28,618
14	Blast-furnace products	19,537	17,472	17,609	17,863	17,614	16,478	17,735	18,142	18,635	20,880	24,007	24,099	23,907
1	Blended and prepared flour made from purchased flour	706	650	676	673	678	674	696	710	694	762	753	744	758
17	Blowers; exhaust and ventilating fans	3,885	3,333	3,402	3,538	3,792	4,045	4,161	4,136	4,043	4,003	4,045	4,074	4,046
9	Bluing	55	54	52	57	56	57	55	52	52	59	59	57	53
19	Boat building and boat repairing	2,630	2,449	2,621	2,690	3,060	3,396	3,403	2,965	2,444	2,117	2,214	2,316	2,459
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	14,331	13,417	13,509	13,557	13,326	13,212	13,307	13,477	14,027	14,669	16,177	16,540	16,758
9	Bone black, carbon black, and lampblack	1,574	1,437	1,601	1,573	1,579	1,514	1,509	1,562	1,554	1,619	1,591	1,660	1,684
8	Bookbinding and related industries	25,690	25,704	25,533	25,725	25,460	25,222	24,662	24,997	25,393	26,202	26,221	26,356	26,791
8	Books: printing without publishing	16,547	17,937	16,818	16,082	16,096	16,775	15,936	17,230	17,244	15,958	15,541	15,857	17,086
8	Books: publishing and printing	6,091	5,970	6,024	6,060	6,108	6,125	6,067	6,085	6,217	6,198	6,132	6,084	6,022
8	Books: publishing without printing	135	133	134	136	134	133	136	133	133	134	135	138	138
12	Boot and shoe cut stock and findings	18,845	19,317	20,171	19,906	19,608	17,701	18,072	18,892	18,832	18,629	18,864	18,059	18,600
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	201,533	196,123	196,585	197,269	198,820	201,396	202,764	203,880	204,041	203,858	204,121	205,074	204,469
13	Brick and hollow structural tile	29,069	22,457	21,687	24,777	28,514	31,147	33,072	32,798	33,024	32,387	31,608	29,971	27,387

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR ALL INDUSTRIES, 1939, 1937, AND 1929, AND FOR INDUSTRY GROUPS AND INDUSTRIES, 1939—Continued

Group No.	Industry group and industry	Average number employed during year	Number employed on 15th day of month or nearest representative day— January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIES—continued													
20	Brooms	3,787	3,745	3,795	3,825	3,811	3,739	3,623	3,572	3,736	3,900	3,976	3,927	3,801
20	Brushes	7,891	7,656	7,217	7,380	7,465	7,455	7,528	7,798	8,054	8,278	8,693	8,034	8,851
20	Buttons	10,972	10,083	10,821	10,813	10,438	9,677	10,205	10,459	11,376	11,831	11,958	12,114	11,884
9	Candles	840	785	787	767	745	767	762	710	806	889	988	1,030	1,039
1	Candy and other confectionery products	49,740	48,321	48,371	48,506	45,027	43,511	41,349	40,650	45,577	54,734	59,258	61,510	60,062
1	Cane sugar—except refineries	4,217	2,150	1,431	1,844	1,970	1,861	1,960	2,202	2,626	2,737	9,870	11,298	10,653
1	Cane-sugar refining	14,133	13,531	12,939	12,619	15,592	13,938	13,688	15,315	15,132	13,368	14,818	14,134	13,524
1	Canned and dried fruits and vegetables (including canned soups)	98,022	44,056	43,309	47,117	57,153	58,836	83,138	134,857	218,359	230,497	134,414	70,920	51,723
1	Canned fish, crustacea, and mollusks	15,735	11,766	11,654	12,012	11,288	12,910	13,537	12,530	20,411	22,842	22,626	20,384	16,924
4	Canvas products (except bags)	3,809	3,626	3,238	3,259	3,850	5,115	5,356	4,423	3,741	3,309	3,695	3,638	3,604
20	Carbon paper and inked ribbons	1,741	1,698	1,763	1,728	1,735	1,733	1,720	1,705	1,708	1,723	1,763	1,838	1,843
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	3,189	3,003	3,018	3,004	2,997	2,979	3,031	3,011	3,106	3,081	3,500	3,739	3,774
3	Carpets and rugs, wool	25,590	24,711	25,342	26,018	25,801	24,713	24,284	24,139	24,798	25,469	26,851	27,588	27,404
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3,137	2,982	3,148	3,253	3,149	2,937	2,862	2,728	2,915	3,286	3,421	3,476	3,990
3	Carpet yarn, woolen and worsted	3,137	3,206	3,340	3,050	3,016	2,859	2,931	2,987	2,973	3,167	3,394	3,508	3,223
19	Cars and car equipment—railroad, street, and rapid-transit	24,523	21,361	24,131	24,230	24,387	23,956	23,062	21,235	21,556	22,744	26,012	29,674	31,926
17	Cars and trucks, industrial	2,732	2,443	2,526	2,586	2,573	2,616	2,635	2,701	2,767	2,761	2,883	3,114	3,179
6	Caskets, coffins, burial cases, and other morticians' goods	12,447	12,504	12,650	12,649	12,482	12,470	12,410	12,096	12,249	12,315	12,393	12,527	12,614
14	Cast-iron pipe and fittings	16,488	15,538	15,743	15,871	15,918	16,150	16,277	16,818	17,022	16,942	17,280	17,158	17,132
13	Cement	23,801	18,441	19,504	21,743	23,372	23,962	25,744	26,170	26,134	25,620	25,943	25,237	23,737
1	Cereal preparations	7,458	6,951	6,965	7,056	7,158	7,556	7,724	7,630	7,870	8,821	7,842	6,655	6,989
1	Cheese	5,009	4,436	4,467	4,688	4,998	5,310	5,538	5,517	5,413	5,278	5,072	4,753	4,642
9	Chemicals not elsewhere classified	60,268	57,002	57,538	57,557	57,330	57,675	57,844	58,107	59,202	61,998	65,265	66,887	66,813
1	Chewing gum	2,627	2,446	2,512	2,597	2,622	2,704	2,712	2,656	2,749	2,738	2,671	2,632	2,483
4	Children's and infants' wear not elsewhere classified—made in contract factories	995	808	895	1,012	987	972	972	973	1,096	1,131	1,113	1,079	905
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	4,365	3,975	4,349	4,464	4,182	4,188	3,977	4,187	4,630	4,747	4,828	4,648	4,201
4	Children's coats—made in contract factories	1,181	1,064	1,382	1,443	732	313	895	1,542	1,627	1,601	1,615	1,308	644
4	Children's coats—made in inside factories or by jobbers engaging contractors	2,130	2,026	2,407	2,538	1,744	1,655	1,322	2,143	2,669	2,765	2,759	2,460	1,671
4	Children's dresses—made in contract factories	4,487	4,151	4,387	4,507	4,415	4,346	4,440	4,478	4,859	4,620	4,628	4,696	4,338
4	Children's dresses—made in inside factories or by jobbers engaging contractors	10,646	10,140	10,534	10,633	10,515	10,344	9,622	10,502	11,307	11,152	11,232	11,033	10,647
20	Children's vehicles	4,319	2,704	3,056	3,503	3,677	3,744	3,970	4,124	4,781	5,538	5,897	5,782	5,052
13	China firing and decorating (for the trade)	421	380	396	402	372	360	367	438	428	444	452	513	497
1	Chocolate and cocoa products	6,464	6,616	6,656	6,374	5,632	5,596	5,641	5,522	6,225	7,156	7,462	7,479	7,212
6	Cigar boxes: wooden, part wooden	3,101	3,057	2,993	2,983	2,978	2,980	3,043	3,070	3,154	3,173	3,289	3,338	3,154
2	Cigarettes	27,426	27,092	26,212	26,296	26,413	26,411	26,597	26,761	28,536	28,874	28,845	28,638	28,441
2	Cigars	50,897	46,706	49,623	49,386	49,601	50,440	51,358	51,441	52,126	51,897	52,961	53,234	51,988
13	Clay products (except pottery), not elsewhere classified	1,651	1,322	1,381	1,533	1,626	1,753	1,795	1,842	1,882	1,824	1,726	1,628	1,498
13	Clay refractories, including refractory cement (clay)	12,211	11,246	11,125	11,170	11,233	11,042	11,447	11,553	11,604	12,997	14,348	14,426	14,340
9	Cleaning and polishing preparations, blackings, and dressings	5,128	4,827	5,106	5,277	5,379	5,350	5,175	4,971	4,887	5,060	5,218	5,107	5,118
15	Clocks, watches, and materials and parts (except watchcases)	17,878	16,882	17,238	17,493	17,472	17,194	16,751	17,019	17,776	18,435	19,069	19,643	19,559
4	Clothing, leather and sheep-lined	4,672	3,194	3,156	3,605	3,945	4,279	4,587	5,111	5,654	5,939	6,044	5,712	4,838
3	Cloth sponging and miscellaneous special finishing	2,811	2,719	2,854	2,840	2,765	2,713	2,801	2,756	2,814	2,804	2,826	2,917	2,924
9	Coal-tar products, crude and intermediate	2,338	2,226	2,234	2,271	2,287	2,316	2,334	2,280	2,253	2,320	2,533	2,528	2,473
7	Coated and glazed paper	7,450	7,170	7,226	7,247	7,186	7,161	7,208	7,235	7,292	7,556	7,995	8,085	8,033
4	Coats, suits, and skirts (except fur coats)—made in contract factories	21,405	21,899	25,639	26,238	21,324	12,937	10,516	18,648	25,921	26,539	26,478	21,961	18,764
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	24,048	24,257	25,921	26,638	23,079	17,753	15,974	22,698	26,998	28,046	28,231	25,877	23,102
14	Cold-rolled steel sheets and strip and cold-finished steel bars make in plants not operated in connection with hot-rolling mills	5,644	5,367	5,414	5,514	5,428	5,326	5,269	5,327	5,410	5,433	6,048	6,545	6,646
15	Collapsible tubes	1,933	1,874	1,840	1,894	1,898	1,861	1,906	1,884	1,920	2,005	2,047	2,109	1,960
9	Colors and pigments	5,839	5,478	5,763	5,614	5,677	5,658	5,691	5,817	5,843	5,888	6,160	6,234	6,240
17	Commercial laundry, dry-cleaning, and pressing machinery	2,705	2,536	2,608	2,601	2,732	2,758	2,785	2,785	2,755	2,729	2,700	2,740	2,734
16	Communication equipment	32,119	28,662	28,517	28,529	28,148	29,099	30,338	31,546	33,183	34,789	38,537	38,785	35,297
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3,960	3,813	3,807	3,817	3,848	3,882	3,999	4,009	4,061	4,039	4,053	4,102	4,087
13	Concrete products	17,363	14,390	14,494	15,823	17,279	18,309	18,852	18,963	19,158	18,560	18,077	17,664	16,782

1	Condensed and evaporated milk	9,705	8,727	8,918	9,398	9,848	10,373	10,988	10,787	10,253	10,113	9,324	8,875	8,854
17	Construction and similar machinery (except mining and oil-field machinery and tools)	17,259	15,473	16,062	16,263	16,564	16,745	17,185	17,464	17,517	17,593	18,282	18,775	19,186
7	Converted paper products not elsewhere classified	21,775	20,319	20,832	21,208	20,992	21,280	21,428	21,672	21,675	22,848	23,422	23,073	22,552
1	Cooking and other edible fats and oils, not elsewhere classified	4,672	4,606	4,608	4,816	4,409	4,398	4,580	4,503	4,663	5,052	4,918	4,737	4,690
6	Cooperage	7,193	7,388	7,477	7,365	7,079	6,937	6,963	6,683	6,677	7,003	7,508	7,641	7,598
3	Cordage and twine	12,096	12,050	12,134	12,065	11,843	11,595	11,814	11,874	11,525	11,565	12,861	12,799	13,029
6	Cork products	2,923	2,686	2,733	2,892	2,921	2,839	2,798	2,836	2,814	2,802	3,206	3,218	3,328
1	Corn sirup, corn sugar, corn oil, and starch	6,764	6,421	6,448	6,475	6,434	6,520	6,467	6,456	6,737	7,322	7,556	7,444	6,884
4	Corsets and allied garments	18,765	17,658	18,156	18,647	18,675	18,737	18,596	18,140	18,721	19,388	19,687	19,559	19,211
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	10,808	9,428	9,955	9,989	9,319	8,676	9,069	10,160	11,542	12,815	13,392	13,908	11,440
3	Cotton broad woven goods	312,249	303,850	308,030	307,925	304,702	298,779	300,167	305,117	307,665	313,908	329,316	334,096	333,436
3	Cotton narrow fabrics	13,318	13,115	13,320	13,259	12,817	12,743	12,268	12,594	12,779	13,357	14,469	14,096	14,400
9	Cottonseed oil, cake, meal, and linters	15,191	17,218	15,398	15,397	12,679	10,442	8,584	8,141	10,460	20,559	22,802	20,777	19,838
3	Cotton thread	13,298	13,607	13,353	13,644	13,332	12,990	12,697	12,431	12,953	13,457	13,697	14,078	13,940
3	Cotton yarn	70,452	68,746	69,287	69,298	67,561	66,782	66,028	66,391	67,534	70,782	75,512	78,838	78,669
1	Creamery butter	17,953	16,700	16,722	17,053	17,659	18,510	19,166	19,183	18,924	18,383	17,605	17,940	17,592
1	Cured fish	1,893	1,729	1,739	1,653	1,911	1,787	1,421	1,607	1,972	2,115	2,214	2,310	2,172
4	Curtains, draperies, and bedspreads—contract factories	1,109	954	1,028	1,044	1,062	1,060	1,042	977	1,073	1,221	1,319	1,306	1,223
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	15,798	14,859	15,866	16,274	15,793	14,947	14,156	13,718	14,867	16,349	17,797	17,869	17,081
1	Custom slaughtering, wholesale	640	627	628	615	619	650	641	669	638	658	637	655	649
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	15,399	14,061	14,775	14,929	14,872	14,712	14,532	14,274	14,975	16,001	16,930	17,502	17,221
20	Dental equipment and supplies	4,245	4,229	4,227	4,220	4,209	4,183	4,120	4,114	4,206	4,269	4,315	4,400	4,451
7	Die-cut paper and paperboard, and converted cardboard	4,354	4,225	4,221	4,248	4,230	4,312	4,130	4,254	4,252	4,491	4,600	4,604	4,676
20	Dolls (except rubber)	3,052	1,329	1,545	1,790	2,112	2,466	3,000	3,450	3,798	4,068	4,496	4,544	4,022
14	Doors, window sash, frames, molding, and trim (made of metal)	7,740	6,740	6,863	7,098	7,292	7,508	7,803	8,018	8,283	8,381	8,171	8,211	8,511
4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3,396	2,779	3,263	3,613	3,624	3,475	3,400	3,432	3,590	3,380	3,442	3,380	3,373
9	Drugs and medicines (including drug grinding)	22,386	21,722	21,948	22,013	21,978	21,917	21,993	21,800	22,134	22,927	23,377	23,426	23,394
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	60,237	59,561	61,302	61,444	60,680	59,254	57,412	56,018	57,908	59,843	63,245	61,752	64,422
3	Dyeing and finishing woolen and worsted	3,821	3,750	3,924	3,775	3,599	3,631	3,557	3,681	3,861	3,903	4,204	4,093	3,874
16	Electrical appliances	19,890	18,100	19,279	20,043	20,081	19,364	18,889	19,406	19,801	20,059	20,545	21,506	21,607
16	Electrical measuring instruments	6,976	6,390	6,392	6,498	6,612	6,651	6,671	6,797	6,913	7,185	7,602	7,944	8,053
16	Electrical products not elsewhere classified	6,014	5,643	5,742	5,858	5,832	5,904	6,021	5,494	5,965	6,352	6,419	6,399	6,543
16	Electric lamps	9,622	8,796	9,081	9,420	9,351	9,340	9,472	7,244	9,796	10,227	10,609	11,069	11,057
15	Electroplating, plating, and polishing	8,206	7,390	7,571	7,650	7,683	7,698	7,554	7,585	8,040	8,559	9,147	9,738	9,852
8	Electrotyping and stereotyping, not done in printing establishments	4,412	4,419	4,373	4,461	4,414	4,424	4,419	4,372	4,378	4,442	4,393	4,410	4,441
17	Elevators, escalators, and conveyors	8,915	8,051	8,041	8,092	8,166	8,382	9,208	9,788	9,937	9,233	9,246	9,380	9,455
4	Embroideries, other than Schiffli-machine products—contract factories	4,189	3,800	4,079	4,026	3,447	3,119	2,973	3,251	4,824	5,029	5,282	5,304	5,138
4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	608	517	533	521	552	547	500	526	663	715	773	737	706
4	Embroideries: Schiffli-machine products	3,750	3,405	3,657	3,717	3,645	3,677	3,622	3,482	3,689	3,914	4,102	4,158	3,927
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	24,605	23,412	23,413	23,471	23,629	23,728	23,925	24,420	24,742	25,331	26,244	26,555	26,387
14	Enameling, japanning, and lacquering	1,821	1,576	1,720	1,864	1,924	1,832	1,784	1,788	1,782	1,877	1,905	1,881	1,921
15	Engraving on metal (except for printing purposes)	1,419	1,387	1,355	1,325	1,382	1,335	1,335	1,351	1,446	1,445	1,514	1,572	1,585
8	Engraving (steel, copperplate, and wood); plate printing	5,353	5,202	5,280	5,357	5,467	5,514	5,165	5,068	5,184	5,276	5,427	5,527	5,736
7	Envelopes	8,689	8,547	8,623	8,663	8,648	8,630	8,550	8,453	8,571	8,683	8,852	9,101	8,950
9	Essential oils	255	263	262	264	258	249	247	243	244	245	256	261	273
6	Excelsior	925	882	901	916	909	875	897	900	923	931	984	999	984
9	Explosives	7,242	6,623	6,672	6,611	6,536	6,644	6,911	7,096	7,285	7,790	8,144	8,291	8,346
20	Fabricated plastic products, not elsewhere classified	15,094	13,597	13,829	13,984	13,898	13,979	14,034	14,464	14,820	15,643	17,301	18,031	17,542
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	35,477	31,298	32,025	32,702	33,020	34,338	35,498	36,246	37,562	38,333	38,313	38,421	37,967
20	Feathers, plumes, and artificial flowers	6,650	6,284	7,267	8,043	7,308	6,332	5,600	5,792	6,315	6,756	6,716	6,557	6,827
3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3,346	3,106	3,276	3,264	3,133	3,056	3,031	2,997	3,174	3,558	3,892	3,904	3,763
9	Fertilizers	18,744	18,192	20,047	28,740	33,919	21,999	13,694	12,109	12,660	15,883	15,975	15,164	16,548
7	Fiber cans, tubes, and similar products	6,637	6,237	6,275	6,398	6,398	6,327	6,383	6,478	6,564	6,675	7,240	7,444	7,220
14	Files	3,205	3,379	3,398	3,386	3,230	3,102	3,060	3,009	2,952	3,046	3,036	3,412	3,448
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	6,909	7,147	7,347	7,543	7,558	6,918	6,796	6,012	6,027	6,090	6,839	7,189	7,440
14	Firearms	5,001	4,409	4,635	4,763	4,762	4,778	4,868	4,913	4,954	5,129	5,313	5,697	5,876
20	Fire extinguishers, chemical	995	896	873	912	910	912	930	1,024	1,027	1,057	1,120	1,138	1,145
9	Fireworks	1,158	1,013	1,204	1,284	1,482	1,452	1,408	840	810	908	1,025	1,323	1,144
9	Fish and other marine oils, cake, and meal	1,523	834	511	388	540	547	2,263	2,195	2,272	2,415	2,808	2,112	1,395
13	Flat glass	16,739	16,530	15,885	15,593	16,925	15,353	16,040	16,100	15,994	16,855	18,172	18,688	18,728
1	Flavoring extracts and flavoring sirups, not elsewhere classified	3,589	3,067	3,442	3,455	3,616	3,838	4,134	4,131	3,729	3,718	3,652	3,249	3,041
13	Floor and wall tile (except quarry tile)	5,681	4,961	5,295	5,385	5,574	5,593	5,729	5,888	5,875	6,032	6,003	6,017	5,824
1	Flour and other grain-mill products	24,771	23,985	23,843	24,008	24,144	24,647	24,858	25,720	25,172	25,754	25,343	25,031	24,751
1	Food preparations not elsewhere classified	13,120	10,812	12,206	13,641	14,389	14,667	14,552	13,436	12,435	13,060	13,447	12,577	12,223

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR ALL INDUSTRIES, 1939, 1937, AND 1929, AND FOR INDUSTRY GROUPS AND INDUSTRIES, 1939—Continued

Group No.	Industry group and industry	Average number employed during year	Number employed on 15th day of month or nearest representative day— January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIES—continued													
17	Food-products machinery	13,979	13,076	13,272	13,862	14,154	14,106	14,142	14,153	13,965	13,994	14,060	14,322	14,512
12	Footwear (except rubber)	218,028	210,892	231,490	234,459	225,835	206,944	208,320	220,820	224,347	219,123	214,821	202,652	207,622
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	15,372	14,493	14,474	14,493	14,558	14,546	14,354	14,439	14,697	15,821	17,170	17,548	18,056
10	Fuel briquets	410	479	477	430	357	332	323	301	340	388	506	506	490
4	Fur coats and other fur garments, accessories, and trimmings	13,111	9,066	7,087	7,861	9,612	11,637	13,730	16,081	16,852	16,505	16,580	16,887	14,831
20	Furs, dressed and dyed	5,115	4,352	3,885	4,388	5,168	5,354	5,376	5,625	5,475	5,570	5,452	5,248	5,453
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1,212	1,084	1,117	1,120	1,184	1,231	1,239	1,243	1,269	1,258	1,254	1,276	1,244
20	Games and toys (except dolls and children's vehicles)	13,610	11,555	13,257	13,841	13,178	13,280	13,959	14,702	16,495	18,589	19,992	20,681	17,788
8	General commercial (job) printing	96,039	95,510	95,273	95,768	95,508	94,997	94,285	93,949	94,562	96,445	97,531	98,615	100,024
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	70,491	62,712	63,531	65,725	66,763	67,275	68,167	69,135	70,417	72,484	76,296	80,213	82,118
13	Glass containers	28,753	23,216	23,358	24,442	25,525	26,276	27,098	27,393	27,496	26,079	26,097	26,280	25,861
9	Glue and gelatin	3,039	2,709	2,923	2,952	3,020	3,129	3,113	3,052	2,928	2,945	3,100	3,310	3,283
15	Gold and silver leaf and foil	563	607	602	535	548	547	517	515	518	516	604	612	633
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	2,623	2,743	2,735	2,497	2,413	2,479	2,472	2,523	2,738	2,613	2,667	2,722	2,371
14	Gray-iron and semisteel castings	58,428	55,398	56,097	56,477	57,252	56,489	55,493	55,241	57,008	59,401	62,291	64,869	65,179
9	Grease and tallow (except lubricating greases)	5,201	5,074	5,035	5,116	5,129	5,212	5,234	5,211	5,239	5,256	5,229	5,331	5,350
8	Greeting cards (except hand-painted)	7,522	6,253	6,297	6,406	6,436	6,660	6,925	7,378	8,106	8,578	8,933	9,373	8,918
9	Gums naval stores (processing but not gathering or warehousing)	971	589	620	804	1,010	1,057	1,111	1,154	1,149	1,150	1,132	981	897
13	Gypsum products	4,936	4,155	4,299	4,344	4,627	4,662	5,136	5,394	5,532	5,453	5,401	5,246	5,070
20	Hair work	322	287	277	292	285	278	280	331	331	360	393	385	359
4	Handkerchiefs—made in contract factories	1,105	1,029	1,077	1,102	1,120	1,098	1,082	1,090	1,110	1,127	1,151	1,156	1,115
4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3,734	3,503	3,627	3,699	3,637	3,604	3,644	3,701	3,762	3,861	4,031	3,942	3,795
20	Hand stamps, stencils, and brands	2,211	2,193	2,209	2,251	2,232	2,204	2,191	2,161	2,162	2,189	2,211	2,252	2,274
14	Hardware not elsewhere classified	35,645	34,158	34,311	34,627	34,530	34,048	33,459	33,415	34,656	36,735	38,553	39,373	39,877
9	Hardwood distillation and charcoal manufacture	1,770	1,762	1,709	1,718	1,740	1,652	1,648	1,691	1,728	1,784	1,867	1,969	1,957
4	Hat and cap materials; trimmings, etc.	796	776	814	811	789	763	777	761	768	763	822	847	858
3	Hat bodies and hats, fur-felt	9,928	9,894	10,077	9,884	9,372	9,649	9,732	9,956	10,408	10,191	9,858	10,039	10,078
3	Hat bodies and hats, wool-felt	4,421	4,009	4,498	4,666	4,681	4,460	4,071	4,753	5,272	5,134	4,338	3,537	3,637
3	Hats, straw	488	583	606	623	638	638	605	287	217	204	367	519	566
3	Hatters' fur	1,893	1,800	1,818	1,838	1,722	1,763	1,847	1,916	1,955	1,995	2,035	2,036	1,991
14	Heating and cooking apparatus, except electric, not elsewhere classified	2,919	2,878	2,966	2,990	2,867	2,599	2,663	2,653	2,765	2,910	3,078	3,250	3,465
3	Hosiery—full-fashioned	97,200	95,968	97,395	98,348	98,123	96,244	95,130	93,801	97,594	96,797	100,216	100,831	95,951
3	Hosiery—seamless	61,852	59,959	61,476	62,185	61,952	61,629	61,546	61,927	62,048	61,635	61,801	63,212	62,856
13	Hotel china	4,359	4,125	4,135	4,156	4,196	4,231	4,267	4,244	4,247	4,341	4,592	4,778	4,882
4	House dresses, uniforms, and aprons—made in contract factories	10,961	9,793	10,670	10,645	11,153	11,659	11,922	10,237	11,421	11,843	11,164	10,826	10,794
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	27,833	26,104	26,625	27,704	28,904	29,047	29,361	27,474	28,231	28,502	28,281	27,299	26,468
4	Housefurnishings (except curtains, draperies, and bedspreads)	10,623	9,150	9,715	10,442	10,595	10,656	10,827	10,123	10,163	10,494	11,835	12,067	11,411
6	Household furniture, except upholstered	94,760	87,516	89,614	89,848	88,860	88,290	90,246	92,511	96,254	99,960	104,471	106,533	103,014
1	Ice cream and ices	15,711	11,912	12,083	12,899	14,909	17,947	20,315	20,678	20,002	17,528	14,493	13,023	12,746
1	Ice, manufactured	15,912	11,862	11,960	12,848	14,743	17,108	19,676	20,974	20,581	19,407	16,379	13,193	12,216
12	Industrial leather belting and packing leather	2,337	2,354	2,364	2,338	2,277	2,226	2,206	2,182	2,220	2,306	2,503	2,564	2,499
17	Industrial machinery, not elsewhere classified	21,936	20,005	20,214	20,369	20,676	21,192	21,754	22,005	22,150	22,479	23,563	24,325	24,499
9	Insecticides, fungicides, and related industrial and household chemical compounds	5,017	4,674	4,843	5,102	5,302	5,327	5,277	5,066	4,934	4,928	5,014	4,952	4,781
16	Insulated wire and cable	15,696	14,767	14,719	13,963	13,660	13,874	14,474	14,599	15,326	16,596	18,675	19,254	18,443
17	Internal-combustion engines	14,752	13,549	14,102	14,668	15,227	15,038	14,126	14,370	14,649	14,801	15,406	15,360	15,726
15	Jewelers' findings and materials	2,813	2,627	2,580	2,597	2,525	2,540	2,572	2,625	2,881	3,120	3,354	3,295	3,042
20	Jewelry cases and instrument cases	5,127	4,155	4,567	4,798	4,733	4,731	4,695	4,664	4,952	5,588	6,225	6,541	5,874
15	Jewelry (precious metals)	11,358	10,974	11,203	11,184	10,875	10,678	10,813	10,666	11,329	11,832	12,143	12,564	12,034
3	Jute goods (except felt)	3,586	3,608	3,202	3,134	3,219	3,598	3,567	3,501	3,551	3,747	3,934	3,968	3,999
3	Knitted cloth	10,917	9,450	9,736	10,402	10,351	10,241	10,875	11,181	11,484	11,628	12,129	12,253	11,275
3	Knitted gloves	5,574	4,418	5,140	5,367	5,408	5,511	5,667	5,638	6,029	5,819	5,861	5,962	6,070
3	Knitted outerwear (except knit gloves)—contract factories	4,109	3,427	3,846	3,762	3,250	3,434	3,863	4,437	4,780	5,223	5,272	4,639	3,377
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	18,440	15,955	17,520	18,060	16,460	16,426	17,018	18,893	20,928	21,838	21,887	20,096	16,201
3	Knitted underwear	38,536	34,211	35,525	36,407	37,489	37,974	38,706	38,929	39,941	40,507	41,101	41,368	40,268
6	Laboratory, hospital, and other professional furniture	2,982	2,698	2,640	2,782	2,878	2,857	2,870	2,978	3,114	3,206	3,234	3,288	3,244
3	Lace goods	7,254	7,166	7,527	7,783	7,598	7,351	7,064	6,736	6,556	6,873	7,388	7,546	7,462
20	Lamp shades	2,671	2,564	2,782	2,751	2,271	2,177	2,161	2,318	2,733	3,080	3,074	3,286	2,851

15	Lapidary work	267	250	242	252	246	247	264	268	267	278	292	298	304
6	Lasts and related products	1,519	1,564	1,625	1,530	1,484	1,438	1,660	1,630	1,474	1,430	1,347	1,469	1,580
17	Laundry equipment, domestic	7,466	7,093	7,825	8,181	7,841	7,084	6,969	6,730	7,257	7,451	7,785	7,722	7,655
12	Leather gloves and mittens	9,995	7,653	9,167	9,769	9,095	8,965	9,607	10,191	10,859	11,064	11,360	11,426	10,780
12	Leather goods not elsewhere classified	2,462	2,206	2,258	2,368	2,355	2,362	2,380	2,443	2,481	2,663	2,800	2,683	2,547
12	Leather: tanned, curried, and finished—contract factories	5,457	5,239	5,529	5,547	5,304	4,979	5,189	5,290	5,378	5,446	5,739	5,928	5,913
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	41,795	41,557	42,193	41,723	41,522	40,515	41,277	41,406	41,574	41,808	42,781	42,780	42,408
15	Lighting fixtures	20,477	18,964	19,785	19,745	18,929	17,902	17,533	17,941	19,774	22,280	24,177	24,583	24,111
13	Lime	9,458	8,204	8,361	8,903	9,439	9,813	9,704	9,578	9,743	10,038	10,148	10,031	9,537
3	Linen goods	1,735	1,761	1,351	1,366	1,421	1,830	1,855	1,820	1,826	1,850	1,878	1,927	1,931
3	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	7,028	6,647	6,740	6,722	6,806	6,719	6,864	6,852	7,455	7,144	7,437	7,487	7,464
9	Linseed oil, cake, and meal	2,120	2,186	2,078	2,105	2,141	2,035	2,095	1,972	2,046	2,287	2,223	2,036	2,232
1	Liquors, distilled	4,091	4,293	4,312	4,470	4,386	4,102	3,658	3,275	3,350	3,580	4,210	4,772	4,687
1	Liquors, rectified or blended	2,818	2,744	2,589	2,574	2,711	2,658	2,666	2,576	2,589	2,811	3,028	3,403	3,471
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	26,000	25,272	25,302	25,613	25,751	25,663	25,862	25,758	25,820	26,155	26,371	27,316	27,123
19	Locomotives (including frames) and parts: railroad, mining ,and industrial	6,470	4,994	4,886	4,998	5,485	6,264	7,124	7,558	7,588	7,211	6,918	6,987	7,626
5	Logging camps and logging contractors (not operating sawmills)	22,785	17,491	16,138	16,558	19,105	23,375	25,157	25,107	25,922	24,757	27,033	27,356	25,424
9	Lubricating oils and greases—not made in petroleum refineries	2,128	1,992	2,018	2,073	2,120	2,152	2,125	2,100	2,115	2,141	2,251	2,231	2,223
1	Macaroni, spaghetti, vermicelli, and noodles	6,013	6,177	6,249	6,274	5,832	5,593	5,589	5,504	5,568	6,330	6,786	6,204	6,050
8	Machine and hand typesetting (including advertisement typesetting)	6,244	6,212	6,365	6,489	6,425	6,329	6,165	6,076	6,069	6,202	6,090	6,162	6,347
17	Machine-shop products, not elsewhere classified	60,717	56,128	57,368	58,419	58,665	58,948	58,980	58,957	59,821	61,202	64,252	67,060	68,805
17	Machine-shop repairs	9,176	8,875	8,912	9,070	9,097	9,095	9,145	9,201	9,262	9,308	9,320	9,449	9,378
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	25,161	21,148	21,343	21,780	23,208	25,017	26,578	26,872	26,876	25,848	26,874	27,948	28,443
17	Machine tools	36,624	30,531	31,111	32,014	32,793	33,837	35,025	35,994	36,975	38,413	41,357	44,558	47,082
14	Malleable-iron castings	18,041	16,807	17,036	16,789	16,817	16,429	15,981	16,249	16,743	17,597	20,428	22,521	23,100
1	Malt	1,459	1,536	1,524	1,501	1,508	1,500	1,397	1,348	1,295	1,370	1,483	1,516	1,525
1	Malt liquors	36,088	33,320	33,278	34,069	35,322	36,837	39,133	39,663	39,039	37,977	35,718	34,379	34,327
6	Matches	5,426	5,438	5,411	5,379	5,423	5,366	5,108	5,149	5,479	5,551	5,638	5,757	5,415
6	Mattresses and bedsprings	18,342	17,106	17,350	17,686	17,606	17,875	18,285	18,611	18,568	19,361	19,912	19,363	18,375
17	Measuring and dispensing pumps	5,054	4,682	4,643	4,814	4,594	4,766	4,829	4,884	5,438	5,338	5,696	5,796	5,163
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	6,692	6,186	6,319	6,302	6,317	6,476	6,537	6,629	6,657	6,826	7,098	7,431	7,525
1	Meat packing, wholesale	119,853	120,950	114,726	112,856	112,423	116,182	118,539	120,532	119,932	121,883	123,572	127,401	129,235
17	Mechanical power-transmission equipment	30,268	28,564	28,965	29,670	29,225	28,295	28,380	28,638	29,156	30,397	32,582	34,153	35,189
4	Men's and boys' hats and caps (except felt and straw)	3,383	3,025	3,234	3,422	3,529	3,532	3,449	3,257	3,358	3,453	3,490	3,590	3,257
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	13,371	12,067	12,781	13,151	13,181	13,394	13,265	13,023	13,371	13,926	14,300	14,358	13,638
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	57,082	55,210	57,414	58,262	57,719	55,967	54,841	54,220	56,579	57,737	59,533	59,728	57,768
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	48,456	47,543	51,892	53,455	49,415	40,933	38,654	43,569	52,240	53,820	53,451	47,875	48,627
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	89,031	87,240	91,154	92,437	88,341	83,463	86,479	89,378	90,837	91,678	90,995	87,385	88,981
4	Men's and boys' underwear—made in contract factories	1,211	1,192	1,156	1,191	1,199	1,188	1,157	1,152	1,146	1,207	1,257	1,399	1,286
4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	5,332	5,181	5,453	5,563	5,457	5,357	5,283	5,199	5,019	5,086	5,566	5,452	5,366
4	Men's neckwear—made in contract factories	917	730	838	871	873	778	764	817	1,003	1,093	1,104	1,116	1,016
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	8,686	7,869	8,829	8,918	8,454	8,156	7,990	7,541	8,494	9,009	9,664	9,890	9,420
17	Metalworking machinery and equipment, not elsewhere classified	15,899	13,982	14,620	14,967	15,210	15,324	15,470	15,522	15,656	16,217	17,089	17,982	18,754
4	Millinery	24,298	23,780	26,707	28,747	27,293	24,903	21,289	18,498	24,093	27,040	25,894	22,153	21,174
13	Minerals and earths, ground or otherwise treated	5,858	5,189	5,125	5,386	5,678	5,841	5,940	5,981	6,105	6,278	6,409	6,287	6,081
13	Mineral wool	1,885	1,566	1,662	1,660	1,879	1,921	2,008	2,062	1,935	2,076	2,098	1,874	1,882
17	Mining machinery and equipment	4,940	4,918	4,793	4,682	4,596	4,555	4,676	4,760	4,886	4,997	5,394	5,441	5,588
6	Mirror frames and picture frames	3,220	3,023	3,165	3,258	3,136	3,009	2,976	2,974	3,181	3,383	3,476	3,620	3,435
13	Mirrors and other glass products made of purchased glass	10,012	9,334	9,576	9,519	9,483	9,141	9,101	9,419	9,785	10,501	11,359	11,718	11,202
20	Miscellaneous fabricated products not elsewhere classified	13,608	10,975	12,007	12,627	12,496	12,399	12,638	13,165	13,734	15,001	16,373	16,742	15,140
4	Miscellaneous fabricated textile products not elsewhere classified	5,852	5,624	5,701	5,684	5,660	5,631	5,732	5,403	5,528	6,268	6,791	5,902	6,296
20	Models and patterns (except paper patterns)	5,566	4,927	5,010	5,228	5,415	5,784	5,921	5,971	5,778	5,549	5,621	5,771	5,821
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	18,516	15,508	15,102	17,397	18,962	19,929	19,565	20,382	20,355	19,865	19,321	18,462	17,338
19	Motorcycles, bicycles, and parts	6,973	4,347	5,196	5,869	6,515	6,591	6,954	7,298	7,505	8,327	8,713	8,594	7,766
18	Motor vehicles, motor-vehicle bodies, parts and accessories	397,537	423,497	415,180	411,603	403,975	387,784	367,326	311,617	294,224	410,875	444,161	418,077	482,130
9	Mucilage, paste, and other adhesives, except glue and rubber cement	285	285	273	286	301	280	276	277	281	289	289	289	292
20	Musical instruments, parts, and materials not elsewhere classified	3,191	3,055	3,076	3,119	[illegible],110	3,071	3,076	3,034	3,184	3,339	3,424	3,423	3,385

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR ALL INDUSTRIES, 1939, 1937, AND 1929, AND FOR INDUSTRY GROUPS AND INDUSTRIES, 1939—Continued

Group No.	Industry group and industry	Average number employed during year	Number employed on 15th day of month or nearest representative day— January	February	March	April	May	June	July	August	September	October	November	December
	INDUSTRIES—continued													
14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2,515	2,432	2,438	2,432	2,408	2,412	2,442	2,454	2,461	2,508	2,644	2,780	2,729
13	Natural graphite, ground and refined	56	52	53	51	53	54	54	56	55	54	57	65	62
20	Needles, pins, hooks and eyes, and slide and snap fasteners	10,403	9,931	10,039	9,884	9,632	9,610	9,823	10,130	10,594	10,965	11,868	11,204	11,160
8	Newspapers: publishing and printing	96,991	95,656	96,974	96,811	97,418	97,981	96,942	95,445	94,966	97,438	97,884	98,232	99,149
8	Newspapers: publishing without printing	260	263	255	251	262	260	259	258	255	257	260	261	268
1	Nonalcoholic beverages	21,265	18,021	18,091	18,711	19,962	21,822	23,880	25,141	24,965	23,640	21,160	20,060	19,796
13	Nonclay refractories	4,762	4,240	4,197	4,240	4,305	3,994	4,156	4,620	4,997	5,153	6,230	6,575	6,393
15	Nonferrous-metal foundries (except aluminum)	9,690	8,436	8,708	9,028	9,177	9,352	9,437	9,504	9,581	9,967	10,589	11,189	11,480
15	Nonferrous-metal products not elsewhere classified	24,834	22,581	23,801	23,651	23,615	22,914	22,713	22,628	23,813	25,933	28,803	30,155	29,534
17	Office and store machines, not elsewhere classified	36,204	36,879	36,956	37,088	36,700	36,415	35,783	34,635	35,532	35,652	36,291	36,569	36,548
6	Office furniture	11,776	11,537	11,443	11,494	11,362	11,189	11,272	11,412	11,257	12,046	12,488	12,828	12,680
14	Oil burners, domestic and industrial	1,498	1,341	1,396	1,451	1,328	1,402	1,457	1,482	1,613	1,733	1,771	1,556	1,442
17	Oil-field machinery and tools	12,524	12,354	12,358	12,384	12,158	12,084	12,149	12,246	12,484	12,533	12,902	13,233	13,407
1	Oleomargarine—not made in meat-packing establishments	984	1,012	1,014	1,013	993	979	985	975	954	981	961	975	970
20	Ophthalmic goods: lenses and fittings	10,232	9,682	9,635	10,045	10,234	10,276	10,371	10,127	10,032	10,087	10,533	11,084	11,512
20	Optical instruments and lenses	1,372	1,179	1,212	1,289	1,294	1,344	1,348	1,376	1,384	1,462	1,480	1,545	1,545
20	Organs	989	1,006	1,024	965	978	958	942	931	968	1,002	1,031	1,033	1,031
10	Oven coke and coke-oven byproducts	21,008	19,989	19,863	20,093	19,685	19,197	19,847	20,302	21,001	21,963	23,229	23,426	23,517
7	Paints, varnishes, and lacquers	22,334	21,149	21,412	21,778	22,271	22,598	22,897	22,584	22,503	22,652	22,930	22,698	22,562
9	Paper and paperboard mills	110,575	106,365	107,452	107,493	108,265	107,927	108,248	108,339	109,547	112,225	116,043	117,500	117,528
7	Paper bags, except those made in paper mills	11,081	10,440	10,287	10,758	10,592	10,500	10,511	10,813	11,019	11,725	12,180	12,142	12,005
7	Paperboard containers and boxes not elsewhere classified	62,536	57,283	58,224	59,433	59,295	58,670	59,426	60,466	62,668	65,778	69,568	71,062	68,487
17	Paper-mill, pulp-mill, and paper-products machinery	5,409	5,101	5,171	5,191	5,135	5,096	5,225	5,205	5,347	5,386	5,695	6,057	6,301
6	Partitions, shelving, cabinet work, and office and store fixtures	13,826	11,944	12,929	13,601	13,677	13,453	13,745	13,940	14,740	14,859	14,445	14,438	14,140
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2,437	1,744	1,665	1,778	2,197	2,654	2,887	2,936	2,844	2,910	2,796	2,611	2,223
20	Pencils (except mechanical) and crayons	3,779	3,529	3,649	3,685	3,732	3,709	3,761	3,660	3,774	3,795	3,947	4,047	4,055
20	Pens, mechanical pencils, and pen points	4,463	4,397	4,369	4,385	4,307	4,203	4,252	4,247	4,365	4,521	4,717	4,961	4,833
9	Perfumes, cosmetics, and other toilet preparations	10,363	9,743	9,868	10,103	9,858	9,716	9,771	10,001	10,411	11,043	11,392	11,578	10,866
8	Periodicals: publishing and printing	20,985	21,016	20,972	21,213	21,263	20,997	20,729	20,542	20,562	21,198	21,150	21,088	21,085
8	Periodicals: publishing without printing	436	429	418	485	421	412	468	410	405	476	422	415	476
10	Petroleum refining	72,840	69,708	69,923	70,286	70,967	71,912	73,125	74,202	74,781	75,100	74,787	75,140	74,146
8	Photoengraving, not done in printing establishments (including preparation of plates)	9,207	9,126	9,260	9,380	9,362	9,375	9,204	9,052	9,026	9,057	9,031	9,240	9,366
20	Photographic apparatus and materials and projection equipment (except lenses)	17,271	15,434	15,632	16,122	16,739	17,255	17,736	17,858	18,015	18,081	18,085	18,105	18,189
20	Pianos and organ parts and materials	1,315	1,308	1,319	1,333	1,326	1,308	1,299	905	1,282	1,351	1,447	1,470	1,428
20	Pianos	5,311	5,154	5,156	5,188	5,125	5,031	4,929	4,956	5,158	5,461	5,776	5,884	5,917
1	Pickled fruits and vegetables and vegetable sauces and seasonings	9,908	7,316	7,565	7,798	8,152	8,580	9,250	10,120	14,791	18,322	11,148	8,413	7,443
5	Planing mills not operated in conjunction with sawmills	62,838	57,874	58,294	58,900	59,780	62,137	63,753	63,662	65,603	66,430	66,496	66,303	64,828
9	Plastic materials	6,966	6,451	6,679	6,778	6,716	6,697	6,701	6,884	6,938	7,097	7,467	7,659	7,521
5	Plywood mills	9,805	8,862	8,954	9,164	9,245	9,456	9,641	9,864	10,158	10,339	10,634	10,729	10,610
13	Porcelain electrical supplies	6,018	5,538	5,619	5,721	5,643	5,621	5,800	5,807	5,949	6,065	6,476	6,959	7,022
13	Pottery products not elsewhere classified	6,054	5,673	5,865	6,124	6,122	6,007	5,938	5,844	5,903	6,095	6,309	6,370	6,395
1	Poultry dressing and packing, wholesale	14,506	10,334	9,608	10,012	11,424	13,026	13,227	13,115	13,643	13,947	16,089	25,754	23,887
14	Power boilers and associated products	18,888	16,664	16,873	17,054	17,410	17,933	18,348	18,925	19,383	19,913	20,889	21,419	21,851
1	Prepared feeds (including mineral) for animals and fowls	15,401	14,483	14,425	14,671	15,174	15,502	15,957	16,101	15,809	16,271	15,823	15,372	15,220
1	Preserves, jams, jellies, and fruit butters	3,717	2,968	3,178	3,353	3,355	3,373	4,028	3,775	3,711	4,406	4,632	4,049	3,778
15	Primary smelting and refining of nonferrous metals	27,630	27,300	26,480	27,140	26,785	27,007	26,795	26,593	26,845	27,456	28,382	30,004	30,775
9	Printing ink	2,572	2,467	2,505	2,520	2,545	2,534	2,559	2,563	2,582	2,599	2,642	2,693	2,657
17	Printing-trades machinery and equipment	9,376	9,159	9,010	9,327	9,270	9,381	9,522	9,490	9,209	9,707	9,748	8,780	9,911
3	Processed waste and recovered wool fibers—contract factories	619	664	644	562	496	505	523	563	604	716	764	774	613
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4,225	3,954	3,970	3,866	3,769	3,858	4,095	4,120	4,008	4,508	5,055	4,877	4,615
20	Professional and scientific instruments (except surgical and dental)	9,429	8,268	8,388	8,581	8,871	9,091	9,283	9,416	9,506	9,790	10,152	10,687	11,109
6	Public-building furniture	5,900	5,486	5,531	5,605	5,603	5,559	5,587	5,717	6,004	6,370	6,431	6,477	6,435
7	Pulp goods (pressed, molded)	701	642	679	707	658	635	650	652	670	722	778	817	798
7	Pulp mills	26,870	27,098	26,388	26,009	25,788	26,120	26,068	25,483	26,452	27,108	28,450	28,437	29,040
17	Pumping equipment and air compressors	19,180	17,606	17,850	17,902	18,521	18,943	19,267	19,422	19,443	19,675	20,271	20,615	20,641
1	Quick-frozen foods	2,640	824	748	784	1,333	3,858	4,975	3,975	4,385	4,327	3,163	2,323	991
16	Radios, radio tubes, and phonographs	43,508	39,123	37,865	36,654	35,207	35,868	39,024	41,757	44,278	48,576	55,493	56,334	51,916

4	Raincoats and other waterproof garments (except oiled cotton)	2,323	1,733	1,991	2,061	2,329	2,304	2,341	2,427	2,634	2,821	2,842	2,539	1,857
6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1,377	1,149	1,260	1,264	1,254	1,385	1,418	1,424	1,408	1,453	1,544	1,557	1,411
9	Rayon and allied products	48,332	48,689	49,319	49,058	48,609	47,512	46,843	47,920	41,622	49,565	49,951	50,275	50,621
3	Rayon broad woven goods—contract factories	4,313	4,118	4,130	4,354	4,374	4,189	3,922	3,950	4,209	4,413	4,746	4,792	4,553
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	65,432	64,488	65,357	66,067	64,081	62,221	61,960	64,406	66,748	66,071	67,926	68,553	67,305
3	Rayon narrow fabrics	5,999	5,130	5,651	5,863	5,912	5,744	5,781	5,840	6,062	6,458	6,764	6,595	6,187
3	Rayon throwing and spinning—contract factories	2,423	2,523	2,640	2,503	2,335	1,985	1,750	2,462	2,637	2,648	2,678	2,524	2,394
3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	5,930	6,311	6,584	5,697	5,388	4,740	4,816	5,676	6,366	6,434	6,490	6,632	6,024
11	Reclaimed rubber	1,072	1,010	1,015	1,017	1,080	1,040	1,042	1,052	1,068	1,041	1,157	1,178	1,169
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	35,160	31,760	36,603	40,722	42,245	39,368	37,488	35,378	31,851	29,113	30,781	31,824	34,784
1	Rice cleaning and polishing	2,346	2,338	2,498	2,094	2,032	2,143	2,024	1,881	1,923	2,804	3,174	2,823	2,418
4	Robes, lounging garments, and dressing gowns	7,377	4,650	5,982	6,464	6,635	7,038	7,063	6,549	7,632	8,526	9,431	9,732	8,820
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	8,048	6,756	6,852	7,413	8,110	8,207	8,295	8,317	8,463	8,811	9,135	8,479	7,734
13	Roofing tile	628	566	565	582	620	596	611	659	674	668	669	684	643
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	14,861	14,310	14,797	15,169	14,574	14,798	13,887	14,371	14,692	14,848	15,402	15,649	15,832
11	Rubber products not elsewhere classified	50,692	47,654	48,348	49,321	48,495	47,483	47,364	47,575	48,762	52,919	56,683	57,951	55,750
12	Saddlery, harness, and whips	2,755	2,800	2,901	2,950	2,944	2,681	2,513	2,450	2,540	2,554	2,931	2,873	2,923
14	Safes and vaults	1,236	1,116	1,094	1,100	1,133	1,165	1,178	1,222	1,240	1,292	1,357	1,426	1,509
1	Salad dressings	2,556	2,333	2,405	2,502	2,523	2,618	2,805	2,801	2,689	2,680	2,588	2,431	2,299
9	Salt	3,737	3,595	3,542	3,541	3,569	3,612	3,499	3,648	3,770	4,018	4,200	4,047	3,805
13	Sand-lime brick, block and tile	346	279	285	307	350	377	390	376	372	368	349	347	346
1	Sausage casings—not made in meat-packing establishments	987	1,004	971	951	919	920	942	973	991	1,023	1,031	1,037	1,077
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11,277	10,926	10,778	10,767	10,835	11,103	11,405	11,700	11,750	11,708	11,553	11,482	11,313
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	265,185	239,972	241,264	245,830	255,392	264,302	267,372	270,115	275,915	280,425	285,552	282,566	273,516
14	Saws	4,072	3,872	3,881	3,802	4,021	3,971	3,968	4,021	4,021	4,106	4,309	4,419	4,479
17	Scales and balances	2,839	2,733	2,747	2,789	2,764	2,721	2,742	2,789	2,836	2,889	2,956	3,076	3,045
14	Screw-machine products and wood screws	16,924	15,801	16,007	16,031	15,954	15,717	15,518	15,713	16,335	17,104	18,653	19,887	20,365
15	Secondary smelting and refining, gold, silver, and platinum	1,115	1,021	1,021	1,055	1,086	1,084	1,097	1,106	1,110	1,137	1,212	1,223	1,225
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3,608	3,321	3,343	3,509	3,395	3,444	3,475	3,549	3,704	3,774	3,829	4,086	3,869
13	Sewer pipe and kindred products	6,406	6,161	5,933	5,942	5,865	5,780	6,686	6,873	6,857	6,830	6,745	6,688	6,513
17	Sewing machines, domestic and industrial	7,840	7,944	7,906	7,892	7,909	7,812	7,735	7,665	7,694	7,725	7,806	7,974	8,017
15	Sheet-metal work not specifically classified	18,749	16,499	16,792	17,105	17,655	17,993	18,184	18,662	19,514	20,966	21,763	20,085	19,768
19	Shipbuilding and ship repairing	66,611	56,162	59,031	62,376	63,872	67,862	67,791	67,451	66,056	69,238	72,133	72,408	74,957
20	Signs, advertising displays, and advertising novelties	17,206	15,921	15,963	16,782	17,372	17,247	17,162	16,856	16,769	17,548	18,237	18,396	18,247
3	Silk broad woven goods—contract factories	1,096	1,320	1,262	1,160	1,066	1,034	847	815	906	1,021	1,218	1,291	1,220
3	Silk broad woven goods—regular factories or jobbers engaging contractors	8,754	9,203	9,365	9,172	9,084	8,465	7,664	7,723	8,122	8,284	9,022	9,621	9,321
3	Silk narrow fabrics	4,309	3,820	4,068	4,217	4,274	4,173	4,257	4,291	4,437	4,523	4,510	4,619	4,522
3	Silk throwing and spinning—contract factories	12,374	12,401	13,111	13,089	12,908	12,068	11,059	10,969	11,737	12,391	13,046	13,184	12,499
3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	9,191	9,402	9,665	9,735	9,547	9,112	8,751	8,631	8,694	8,806	9,372	9,467	9,108
15	Silverware and plated ware	12,105	11,569	11,550	11,895	11,551	11,725	11,593	11,449	11,921	12,424	12,999	13,360	13,228
12	Small leather goods	3,615	2,686	2,938	3,039	3,036	2,983	3,272	3,635	3,912	4,208	4,711	4,852	4,165
9	Soap and glycerin	13,624	13,027	13,206	13,350	12,921	12,761	12,987	13,551	14,041	14,507	14,818	14,419	13,897
20	Soda fountains, beer dispensing equipment, and related products	1,590	1,433	1,457	1,532	1,591	1,664	1,699	1,722	1,647	1,627	1,579	1,549	1,580
9	Soybean oil, cake, and meal	1,481	1,535	1,585	1,522	1,318	1,272	1,336	1,156	1,221	1,297	1,792	1,885	1,856
1	Special dairy products	2,378	2,152	2,247	2,331	2,245	2,338	2,433	2,409	2,545	2,763	2,570	2,288	2,308
17	Special-industry machinery, not elsewhere classified	10,388	9,764	9,953	10,278	10,413	10,492	10,551	10,613	10,641	10,321	10,436	10,507	10,693
20	Sporting and athletic goods not elsewhere classified	13,816	13,248	13,691	14,374	14,539	14,347	14,136	13,571	12,949	13,005	13,544	13,990	14,398
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2,940	2,747	2,748	2,817	2,794	2,727	2,602	2,576	2,736	3,062	3,299	3,548	3,623
14	Stamped and pressed metal products (except automobile stampings)	33,112	30,368	30,991	31,419	31,315	31,404	32,012	32,451	33,702	34,757	36,236	36,777	35,918
13	Statuary and art goods (except stone and concrete)—factory production	983	863	918	1,016	1,001	946	963	981	994	1,043	1,066	1,032	971
14	Steam and hot-water heating apparatus (including hot-water furnaces)	8,493	7,649	7,882	7,694	7,907	7,863	8,282	8,498	9,024	9,486	9,687	9,235	8,704
13	Steam and other packing; pipe and boiler covering	5,907	5,499	5,619	5,732	5,492	5,703	5,731	5,828	5,761	6,065	6,392	6,619	6,437
17	Steam engines, turbines, and water wheels	3,902	3,889	3,874	3,830	3,727	3,673	3,634	3,733	3,799	3,953	4,130	4,216	4,370
14	Steam fittings, regardless of material	21,815	19,926	20,457	20,274	21,111	21,076	20,768	21,117	21,698	22,431	24,114	24,538	24,272
14	Steel barrels, kegs, and drums	6,072	5,593	5,531	5,245	5,450	5,472	5,674	5,441	5,774	6,235	7,355	7,658	7,438
14	Steel castings	30,088	26,288	27,043	26,743	27,367	27,425	27,798	28,032	28,590	28,970	34,288	38,901	39,605
14	Steel works and rolling mills	368,904	344,101	345,895	346,529	345,874	342,427	343,950	345,014	348,933	374,987	415,642	434,380	439,119
17	Stokers, mechanical, domestic and industrial	3,549	3,176	3,250	3,258	3,321	3,390	3,485	3,578	3,692	3,840	3,885	3,916	3,801
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	41,701	33,878	37,917	39,652	40,460	41,297	41,684	42,447	43,885	45,186	46,794	45,392	41,816
12	Suitcases, brief cases, bags, trunks, and other luggage	8,326	6,979	7,522	7,809	8,026	8,207	8,408	8,576	8,694	8,687	9,144	9,201	8,661
20	Surgical and medical instruments	1,626	1,530	1,545	1,557	1,578	1,591	1,614	1,599	1,580	1,657	1,677	1,761	1,826
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	8,468	7,937	8,074	8,134	8,111	8,137	8,273	8,453	8,564	8,736	9,062	9,125	9,008

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR ALL INDUSTRIES, 1939, 1937, AND 1929, AND FOR INDUSTRY GROUPS AND INDUSTRIES, 1939—Continued

Group No.	Industry group and industry	Average number employed during year	Number employed on 15th day of month or nearest representative day— January	February	March	April	May	June	July	August	September	October	November	December
4	Suspenders, garters, and other goods made from purchased elastic material	2,558	2,352	2,481	2,530	2,563	2,239	2,302	2,588	2,750	2,809	2,844	2,843	2,601
13	Tableware, pressed or blown glass, and glassware not elsewhere classified	27,330	26,340	26,865	27,482	27,370	26,423	26,709	24,995	26,347	27,466	28,281	29,766	29,722
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2,716	2,626	2,611	2,604	2,680	2,639	2,590	2,629	2,682	2,737	2,815	2,947	3,049
13	Terra cotta	1,099	1,085	1,112	1,094	1,042	1,051	1,107	1,136	1,172	1,046	1,128	1,118	1,111
4	Textile bags—not made in textile mills	11,991	11,210	11,359	11,594	11,522	11,485	11,603	11,561	11,936	12,793	13,268	13,102	12,456
17	Textile machinery	21,904	20,541	20,851	20,861	21,105	21,700	21,986	21,778	21,772	21,787	22,621	23,705	24,170
15	Tin and other foils (except gold and silver foil)	1,928	1,268	1,232	1,256	1,289	1,237	1,230	1,278	1,290	1,373	1,515	1,528	1,599
14	Tin cans and other tinware not elsewhere classified	31,770	28,173	28,832	29,720	30,373	30,875	32,374	33,199	35,111	34,374	33,973	32,964	31,373
11	Tires and inner tubes	54,115	52,442	52,144	52,495	52,464	52,188	52,499	53,636	54,231	55,720	58,041	56,994	57,190
2	Tobacco (chewing and smoking) and snuff	9,202	9,111	9,199	9,163	9,115	9,099	9,081	9,051	9,242	9,247	9,348	9,380	9,394
20	Tobacco pipes and cigarette holders	2,481	2,531	2,572	2,616	2,490	2,430	2,347	2,252	2,306	2,434	2,584	2,652	2,557
14	Tools (except edge tools, machine tools, files, and saws)	15,343	14,817	14,924	15,182	15,231	14,919	14,940	14,557	14,890	15,181	15,954	16,725	17,191
17	Tractors	31,275	30,029	32,051	33,325	32,567	30,265	29,480	29,232	30,309	31,206	32,416	31,165	33,143
19	Transportation equipment not elsewhere classified	1,252	1,105	1,181	1,219	1,259	1,241	1,248	1,260	1,265	1,289	1,295	1,341	1,302
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	5,553	5,454	5,771	5,939	5,469	5,067	4,203	3,777	5,760	6,295	6,455	6,084	6,263
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	3,728	3,840	4,033	3,788	3,533	3,398	3,326	3,327	3,522	3,779	4,083	4,074	4,032
4	Trousers (semidress), wash suits, and washable service apparel	19,541	18,275	19,242	19,468	19,991	20,022	19,968	19,632	19,762	19,850	19,954	19,255	19,067
20	Umbrellas, parasols, and canes	2,862	2,833	2,828	2,814	2,771	2,725	2,646	2,654	2,633	2,900	3,216	3,265	3,055
6	Upholstered household furniture	29,949	27,946	29,694	29,652	29,181	28,816	28,858	29,153	29,980	30,778	31,634	32,252	32,040
9	Vegetable and animal oils not elsewhere classified	1,108	1,077	1,120	1,259	1,261	1,279	1,133	961	951	1,007	1,053	1,030	1,163
17	Vending, amusement, and other coin-operated machines	3,842	3,389	3,516	3,598	3,978	4,200	4,064	4,022	3,536	3,842	3,932	3,994	4,036
6	Venetian blinds	5,179	4,407	4,465	4,701	5,071	5,399	5,494	5,172	5,108	5,348	5,690	5,773	5,548
1	Vinegar and cider	1,059	737	739	745	782	826	927	1,053	1,040	1,350	1,846	1,699	1,041
13	Vitreous-china plumbing fixtures	4,534	4,197	4,208	4,403	4,463	4,381	4,480	4,578	4,617	4,693	4,762	4,780	4,843
14	Vitreous-enameled products, including kitchen, household, and hospital utensils	10,809	9,665	9,952	10,762	10,981	10,276	10,567	10,113	11,081	11,315	11,541	11,976	11,483
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	6,227	5,423	5,672	5,830	6,066	6,225	6,524	6,419	6,325	6,374	6,821	6,717	6,327
7	Wallpaper	4,054	4,616	4,308	4,060	3,848	3,695	3,694	3,226	3,281	3,822	4,382	4,620	5,095
15	Watchcases	2,409	1,943	2,173	2,255	2,202	2,208	2,240	2,261	2,624	2,756	2,874	2,757	2,612
13	Whiteware	11,728	11,263	11,779	11,928	11,873	11,473	11,203	10,367	10,928	11,390	12,423	13,151	12,955
6	Window and door screens and weather strip	2,830	2,508	2,588	2,770	2,727	3,014	3,218	3,091	2,777	2,747	2,876	2,883	2,756
6	Window shades	3,261	2,987	3,050	3,106	3,143	3,345	3,422	3,280	3,274	3,345	3,417	3,409	3,353
1	Wines	2,056	1,846	1,693	1,619	1,681	1,580	1,590	1,587	1,731	2,614	3,204	2,969	2,469
14	Wire drawn from purchased rods	21,969	21,431	20,990	20,966	20,585	20,282	20,551	20,482	20,905	22,205	24,493	25,484	25,256
14	Wirework not elsewhere classified	30,386	30,287	29,716	29,719	29,444	28,746	27,955	26,453	26,553	30,575	34,021	35,273	35,891
16	Wiring devices and supplies	14,564	13,555	13,691	13,918	14,015	13,979	13,835	13,737	14,243	14,809	15,797	16,434	16,749
4	Women's and misses' blouses and waists—made in contract factories	5,109	4,833	5,517	5,708	5,384	5,420	4,751	3,479	5,038	5,542	5,694	5,048	4,892
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	4,564	4,523	4,980	5,153	4,929	4,789	4,026	3,156	4,468	4,913	4,996	4,465	4,364
4	Women's and misses' clothing not elsewhere classified—made in contract factories	3,703	2,968	3,462	3,999	3,880	4,110	4,160	3,406	3,388	3,691	3,924	3,914	3,532
4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	6,281	5,267	5,916	6,410	6,480	6,775	6,582	5,544	5,769	6,257	6,728	6,897	6,748
4	Women's and misses' dresses (except house dresses)—made in contract factories	49,742	46,565	49,852	52,369	53,323	53,037	48,286	32,604	49,563	53,909	54,873	49,870	52,653
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	53,996	51,113	53,620	56,261	56,830	56,025	50,928	42,512	54,169	56,927	57,444	55,702	56,424
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	11,349	10,054	10,571	11,239	11,128	11,244	11,548	11,506	11,635	12,146	12,094	12,003	11,022
4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	6,398	5,858	6,023	6,263	6,174	5,991	6,082	6,088	6,506	6,926	7,171	7,133	6,557
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	20,509	19,025	19,982	20,572	20,113	19,924	19,648	18,541	20,084	21,579	22,628	22,875	21,135
4	Women's neckwear, scarfs, etc.	1,931	2,000	2,179	2,232	2,099	2,038	1,709	1,636	1,728	1,832	1,880	1,864	1,980
12	Women's pocketbooks, handbags, and purses	14,048	12,651	14,202	14,814	14,759	14,186	11,810	11,999	14,587	15,670	16,120	14,971	12,812
6	Wooden boxes except cigar boxes	25,351	23,423	24,068	24,739	24,865	25,624	25,578	24,668	24,538	25,888	27,287	26,866	26,673
9	Wood naval stores	2,353	2,248	2,148	2,123	2,088	2,151	2,324	2,410	2,502	2,519	2,588	2,572	2,568

6	Wood preserving	11,242	10,508	10,649	11,121	11,458	11,559	11,663	11,848	11,495	11,100	11,080	11,204	11,223
6	Wood products not elsewhere classified	21,993	20,461	21,205	21,807	21,732	21,159	21,022	21,388	21,303	22,072	23,327	24,209	24,233
17	Woodworking machinery	3,622	3,364	3,432	3,472	3,498	3,454	3,488	3,515	3,595	3,635	3,821	4,013	4,172
3	Woolen and worsted manufactures—contract factories	6,072	6,052	6,216	5,912	4,985	5,527	5,780	6,155	6,139	6,124	6,788	6,577	6,614
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	140,022	146,907	143,739	133,453	119,944	129,383	137,121	141,054	141,332	135,772	148,740	153,484	149,330
20	Wool pulling	836	793	813	857	811	847	854	851	834	862	860	839	813
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	56,959	50,179	52,951	55,327	56,019	56,844	57,622	58,054	60,014	59,906	61,304	59,681	55,605
4	Work gloves and mittens: cloth, cloth and leather combined	8,901	8,298	8,325	8,490	8,550	8,643	8,689	8,934	9,070	9,248	9,632	9,716	9,221
4	Work shirts	13,449	11,838	12,929	13,226	13,566	13,439	13,956	14,073	14,116	14,224	14,753	13,499	11,763
9	Writing ink	254	231	231	255	268	259	253	265	255	254	259	271	247
14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	8,370	7,729	7,801	7,988	7,535	7,789	7,570	7,285	7,847	8,932	9,811	10,045	10,112
16	X-ray and therapeutic apparatus and electronic tubes	1,959	1,922	1,929	1,916	1,896	1,881	1,889	1,886	1,917	1,993	2,016	2,117	2,147

WAGE EARNERS ENGAGED IN MANUFACTURING PER 1,000 POPULATION, BY STATES: 1939

(wage earners, average for the year, based on Census of Manufactures, 1939; Population based on 1940 Census)

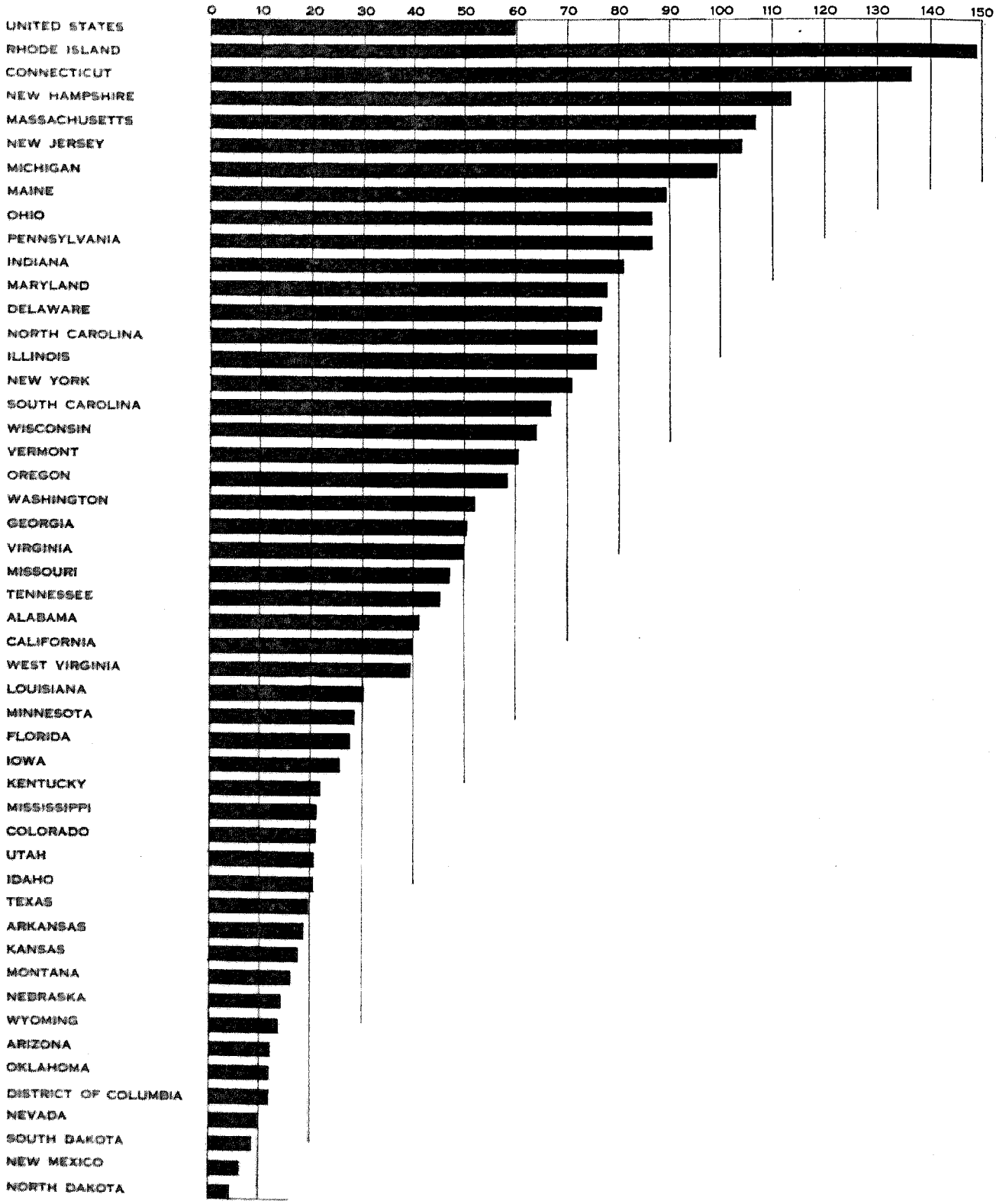


TABLE 9.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, FOR 1939, 1937, AND 1929 AND FOR GEOGRAPHIC DIVISIONS AND STATES, 1939

	DIVISION AND STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR NEAREST REPRESENTATIVE DAY—											
			January	February	March	April	May	June	July	August	September	October	November	December
	United States:													
1	1939	7,886,567	7,392,549	7,518,153	7,625,501	7,622,457	7,574,974	7,612,038	7,644,598	7,925,086	8,281,634	8,522,305	8,483,085	8,436,429
2	1937	8,509,231	8,271,364	8,471,532	8,678,416	8,780,514	8,798,019	8,730,724	8,743,989	8,878,894	8,867,465	8,685,748	8,200,349	7,723,759
3	1929	8,369,705	8,021,720	8,204,843	8,364,301	8,434,506	8,430,286	8,445,259	8,490,303	8,627,129	8,719,571	8,612,118	8,208,975	7,877,492
	GEOGRAPHIC DIVISIONS:													
4	New England	953,670	912,901	934,324	936,373	917,641	912,027	916,564	929,511	954,605	973,342	1,016,713	1,026,808	1,013,227
5	Middle Atlantic	2,249,620	2,095,635	2,155,025	2,188,934	2,174,633	2,151,213	2,157,154	2,156,673	2,261,579	2,343,808	2,441,942	2,453,244	2,415,606
6	East North Central	2,195,480	2,087,478	2,108,647	2,131,377	2,126,037	2,107,930	2,107,715	2,077,634	2,130,703	2,314,558	2,383,909	2,359,221	2,410,547
7	West North Central	382,200	359,050	363,373	366,872	370,941	370,464	379,194	384,325	392,751	397,758	402,138	400,463	399,076
8	South Atlantic	986,523	932,552	945,877	965,723	968,481	953,268	953,180	965,006	995,618	1,030,394	1,047,070	1,044,244	1,036,858
9	East South Central	357,827	338,995	343,502	350,507	348,910	344,808	346,111	351,211	361,162	372,108	380,474	380,099	376,035
10	West South Central	262,580	243,026	244,817	250,643	253,154	254,502	256,600	257,234	263,614	273,366	284,224	288,098	281,679
11	Mountain	69,245	58,639	55,950	56,682	60,590	65,187	69,322	75,144	73,439	78,333	85,199	79,371	73,087
12	Pacific	429,423	364,273	366,638	378,390	402,070	415,575	426,198	447,860	491,615	497,967	480,636	451,537	430,314
	NEW ENGLAND:													
13	Maine	75,656	71,778	72,856	70,630	70,393	72,823	75,905	79,815	82,083	80,228	78,774	75,910	76,679
14	New Hampshire	55,781	56,453	58,682	57,733	55,006	52,444	53,335	54,302	56,757	56,498	57,202	55,571	55,391
15	Vermont	21,759	20,369	21,044	21,299	21,236	21,892	21,848	21,651	21,478	21,566	22,325	23,128	23,271
16	Massachusetts	460,674	439,217	451,609	455,906	446,569	439,930	440,603	448,538	466,220	470,414	492,624	496,161	486,294
17	Rhode Island	106,275	104,538	105,572	104,618	100,827	101,102	101,657	102,063	103,427	106,334	114,257	116,907	113,998
18	Connecticut	233,525	220,546	224,561	226,187	223,610	223,836	223,216	223,142	230,640	238,302	251,531	259,131	257,594
	MIDDLE ATLANTIC:													
19	New York	957,854	891,983	920,605	942,273	931,579	915,553	908,992	905,606	967,101	1,011,714	1,046,651	1,037,185	1,015,004
20	New Jersey	433,471	403,730	414,571	419,095	416,742	415,955	420,648	416,410	439,651	452,189	468,881	471,366	462,413
21	Pennsylvania	858,296	799,922	819,849	827,566	826,312	819,705	827,514	834,657	854,827	879,905	926,410	944,693	938,189
	EAST NORTH CENTRAL:													
22	Ohio	598,397	561,486	568,641	577,063	577,000	571,161	574,198	572,673	592,343	622,921	650,566	656,103	656,611
23	Indiana	277,467	254,095	257,423	263,067	262,742	261,376	265,111	263,829	286,914	309,278	305,018	297,844	302,906
24	Illinois	596,476	557,218	568,503	576,227	575,502	574,845	580,214	584,045	601,543	621,230	640,301	643,156	634,940
25	Michigan	522,242	530,244	525,746	523,312	518,931	506,899	487,901	449,927	444,701	550,579	574,302	550,075	604,291
26	Wisconsin	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
	WEST NORTH CENTRAL:													
27	Minnesota	79,753	71,862	72,557	73,733	75,007	77,278	80,744	82,912	86,782	85,266	84,561	84,585	81,753
28	Iowa	65,314	60,401	60,473	61,152	62,410	63,786	64,751	64,818	68,406	69,010	69,423	69,775	69,358
29	Missouri	178,538	172,401	177,481	178,438	178,532	172,334	174,504	176,775	177,318	181,763	185,312	181,826	185,769
30	North Dakota	2,637	2,327	2,265	2,271	2,282	2,400	2,600	2,705	2,579	2,715	2,794	3,319	3,388
31	South Dakota	5,538	5,173	4,977	4,942	5,057	5,279	5,557	5,631	5,599	5,878	6,118	6,306	5,936
32	Nebraska	18,807	17,611	16,961	17,053	17,350	18,266	18,832	18,893	19,270	19,946	21,071	20,877	19,554
33	Kansas	31,614	29,275	28,659	29,283	30,303	31,121	32,206	32,591	32,797	33,180	32,859	33,775	33,318
	SOUTH ATLANTIC:													
34	Delaware	20,392	18,072	18,518	19,024	19,087	19,036	19,814	19,110	22,718	23,602	22,768	21,407	21,462
35	Maryland	141,643	123,126	126,746	130,989	132,779	134,719	137,881	143,915	148,659	162,350	156,761	151,794	149,994
36	District of Columbia	7,877	7,633	7,665	7,782	7,862	7,831	7,887	7,799	7,887	7,976	8,029	8,004	8,168
37	Virginia	133,894	122,957	125,071	128,276	130,307	129,399	129,422	133,289	139,984	145,179	144,761	140,874	137,215
38	West Virginia	74,989	70,839	71,620	72,928	72,883	72,304	72,311	71,882	74,063	76,377	80,765	82,640	81,231
39	North Carolina	270,207	259,937	262,334	266,209	266,725	262,491	261,740	264,962	271,248	276,816	281,681	284,829	283,514
40	South Carolina	126,983	123,940	126,102	127,442	126,920	123,148	123,694	124,366	126,378	126,187	132,081	132,318	131,225
41	Georgia	157,804	151,613	152,966	156,846	157,127	152,849	150,957	152,073	156,646	162,045	168,364	167,218	164,940
42	Florida	52,732	54,435	54,855	56,227	54,791	51,491	49,474	47,610	48,005	49,772	51,860	55,160	59,109
	EAST SOUTH CENTRAL:													
43	Kentucky	62,794	59,429	59,649	60,477	59,731	60,201	60,944	61,765	63,726	65,526	67,074	67,692	67,313
44	Tennessee	131,874	123,251	125,255	128,320	129,004	128,793	129,047	132,094	135,601	137,742	139,551	138,516	135,315
45	Alabama	116,800	112,051	113,255	115,321	114,767	112,134	112,089	113,271	115,327	119,713	123,657	124,867	125,145
46	Mississippi	46,359	44,264	45,343	46,389	45,408	43,680	44,031	44,081	46,508	49,127	50,192	49,024	48,262
	WEST SOUTH CENTRAL:													
47	Arkansas	36,256	32,370	33,610	35,069	34,427	34,057	34,515	35,836	37,366	40,064	40,233	38,991	38,533
48	Louisiana	71,218	64,047	62,650	64,080	66,426	67,229	66,450	66,603	71,990	75,848	84,649	83,660	80,986
49	Oklahoma	28,114	26,034	26,378	26,967	27,355	27,903	28,343	28,565	28,064	28,599	28,910	30,599	29,709
50	Texas	126,992	120,575	122,179	124,587	124,946	125,313	127,292	126,230	126,194	128,855	130,432	134,848	132,451

TABLE 9.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, FOR 1939, 1937, AND 1929 AND FOR GEOGRAPHIC DIVISIONS AND STATES, 1939—Continued

	Division and state	Average number employed during year	Number employed on 15th day of month or nearest representative day—											
			January	February	March	April	May	June	July	August	September	October	November	December
	Mountain:													
51	Montana	9,171	8,294	7,933	7,686	8,164	8,554	8,816	9,368	9,710	9,774	11,062	10,528	10,169
52	Idaho	10,877	8,039	6,804	6,828	8,356	10,548	11,745	12,693	13,025	13,516	14,373	13,815	11,257
53	Wyoming	3,484	2,909	2,681	2,749	2,978	3,256	3,501	3,674	3,840	3,445	4,340	4,273	3,856
54	Colorado	23,719	18,734	20,019	20,688	21,376	22,400	23,356	24,183	23,641	25,820	29,506	28,395	25,265
55	New Mexico	3,250	2,946	2,682	2,749	3,068	3,242	3,245	3,429	3,474	3,558	3,731	3,468	3,499
56	Arizona	6,096	6,046	5,880	5,706	5,982	6,159	6,305	6,267	5,920	6,044	6,169	6,225	6,437
57	Utah	11,555	9,636	8,942	9,168	9,618	9,921	11,246	14,408	12,479	14,912	14,615	12,674	11,587
58	Nevada	1,093	979	950	1,050	1,028	1,077	1,108	1,122	1,150	1,264	1,268	1,093	1,073
	Pacific:													
59	Washington	90,324	76,902	76,481	83,467	85,047	90,204	92,246	92,589	96,995	104,694	101,820	95,657	90,716
60	Oregon	63,622	52,380	52,543	55,816	58,211	63,710	68,243	67,084	70,779	76,027	70,313	66,348	61,989
61	California	275,477	235,282	237,614	242,167	258,812	261,661	265,709	288,187	323,841	317,246	308,498	289,232	277,599