

PART I

COMPARATIVE OCCUPATION AND INDUSTRY STATISTICS  
1930 AND 1940

A Comparison of the Census Occupation  
and Industry Classifications and  
Statistics of 1930 and 1940

# OCCUPATION AND INDUSTRY STATISTICS, 1930 AND 1940

59

**TABLE 3.—PERSONS 14 YEARS OLD AND OVER IN THE LABOR FORCE (EXCEPT NEW WORKERS) IN 1940, AND GAINFUL WORKERS 14 YEARS OLD AND OVER IN 1930, IN 1920, AND IN 1910, IN SELECTED OCCUPATIONS, WITH AN ADJUSTMENT FACTOR AND ADJUSTED 1930, 1920, AND 1910 FIGURES, FOR THE UNITED STATES**

[The adjustment factor (which in each case was applied to the 1930, the 1920, and the 1910 published number) serves also as an index of comparability between the 1930, 1920, and 1910 figures and the 1940 figures. A factor above 1.00 indicates that the 1930, 1920, and 1910 published figures are too small for comparison with 1940, and a factor below 1.00 indicates that the 1930, 1920, and 1910 published figures are too large for comparison with 1940. The adjustments take account of differences in classification, but not of differences between "labor force" of 1940 and "gainful workers" of 1930. For a description of table 3, see p. 20; and for a discussion of comparisons presented for particular occupations, see pp. 22 to 30.]

Group <sup>1</sup>	OCCUPATION, 1940 CLASSIFICATION	Labor force (except new workers), 1940	GAINFUL WORKERS						
			Number as published			Adjustment factor (or index of comparability) <sup>2</sup>	Adjusted to 1940 basis		
			1930	1920	1910		1930	1920	1910
<b>Professional and semiprofessional workers</b>									
1	Actors, dancers, showmen, athletes, etc.....	97,361	93,804	57,774	52,119	1.01	94,742	58,352	52,640
2	Architects.....	21,970	22,060	18,185	16,613	1.05	23,190	19,094	17,444
3	Artists and art teachers.....	62,485	57,253	35,390	34,094	1.00	57,253	35,390	34,094
4a	Authors.....	14,120	12,440	6,667	4,368	0.99	12,325	6,600	4,324
5	Chemists, assayers, and metallurgists.....	60,005	47,053	32,941	16,273	1.02	48,009	33,600	16,598
6	Clergymen.....	140,077	148,848	127,270	118,018	0.98	145,871	124,725	113,658
7	College presidents, professors, and instructors <sup>3</sup> .....	75,847	61,905	35,407	15,668	1.01	62,524	33,741	15,825
8	Dentists.....	70,601	71,055	56,152	39,997	0.99	70,344	55,800	39,567
	Civil engineers and surveyors <sup>4</sup> .....	105,485	102,056	64,650	52,031	1.00	102,056	64,650	52,031
10	Electrical engineers <sup>5</sup> .....	55,667	57,837	27,077	15,278	0.99	57,259	28,806	15,125
	Mechanical and industrial engineers <sup>5</sup> .....	95,846	54,356	37,689	14,514	1.06	57,617	39,350	15,385
	Chemical, mining, and metallurgical engineers.....	21,373	11,970	6,695	6,830	1.00	11,970	6,695	6,930
13	Lawyers and judges.....	180,453	100,505	122,519	114,704	1.00	160,605	122,519	114,704
14	Musicians and music teachers.....	161,436	165,044	130,165	139,112	1.01	166,694	131,467	140,503
15	Osteopaths.....	6,067	6,117	5,030		1.00	6,117	5,030	
17	Physicians and surgeons.....	165,629	153,803	144,877	151,132	1.00	153,803	144,877	151,132
	Social, welfare, and religious workers.....	110,369	66,801	43,757	17,007	0.97	64,797	42,444	16,497
19a	Teachers (n. e. c.) <sup>6</sup> .....	1,044,016	1,044,016	752,055	595,285	1.00	1,044,016	752,055	595,285
20	Trained nurses and student nurses.....	371,066	294,189	149,128	82,327	1.00	294,189	149,128	82,327
21	Veterinarians.....	11,863	13,494	11,652	11,652	1.00	11,863	13,494	11,652
22a	Librarians.....	38,607	29,613	16,297	7,423	0.99	29,317	16,144	7,349
24	Designers and draftsmen.....	111,805	100,430	68,275	45,102	(?)	98,032	66,689	44,103
a	Designers.....	23,614	20,508	15,410	11,788	1.00	20,508	15,410	11,788
b	Draftsmen.....	88,191	79,922	52,865	33,314	0.97	77,524	51,279	32,315
26a	Aviators.....	6,299	6,097	1,312	(?)	1.08	6,585	1,417	(?)
b	Chiropractors.....								
d	Healers and medical service workers (n. e. c.).....	31,444	29,556	14,774	6,834	1.02	30,147	15,069	6,971
c	Funeral directors and embalmers.....	39,590	34,132	24,469	20,734	1.00	34,132	24,469	20,734
<b>Proprietors, managers, and officials, including farm</b>									
27a	Farmers (owners and tenants) <sup>6</sup> .....	5,265,271	6,012,012	6,387,358	6,132,368	1.00	6,012,012	6,387,358	6,132,368
28	Conductors, railroad.....	47,465	73,332	74,539	65,604	1.00	73,332	74,539	65,604
29	Postmasters, and misc. government officials.....	239,813	168,018	135,931	105,180	1.03	173,059	140,009	108,335
i	Postmasters.....	39,160	34,421	31,935	27,849	1.00	34,421	31,935	27,849
30g	Officers, pilots, pursers, and engineers, ship.....	35,155	47,790	48,025	44,452	0.95	46,834	47,065	43,563
h	Officials, lodge, society, union, etc.....	25,764	14,515	11,736	8,215	1.02	14,805	11,971	8,379
<b>Proprietors, managers, and officials (n. e. c.), by industry:</b>									
34g	Street railway, bus, taxicab, and trucking service.....	35,882	44,693	26,952	15,081	0.97	43,352	26,143	17,490
36	Communication.....	23,361	20,776	11,603	10,089	0.97	20,153	11,255	10,786
	Eating and drinking places.....	273,163	165,406	105,822	129,047	1.08	178,698	114,288	139,371
	Wholesale and retail trade, exc. eating and drinking places <sup>7</sup> .....	1,926,882	1,797,467	1,423,055	1,280,874	(?)	1,800,181	1,423,018	1,278,071
	Food and dairy products stores.....	663,131	659,340	504,655	436,129	0.98	646,643	494,562	427,406
	General merchandise, apparel, and shoe stores.....	213,959	294,333	298,139	344,837	1.00	294,333	298,139	344,837
	Limited price variety stores.....	18,214	10,464	5,968	4,331	0.98	10,255	5,849	4,244
37d	Furniture and house furnishings stores.....	37,214	35,884	27,145	23,447	0.96	34,449	26,059	22,509
E	Motor vehicles and accessories retailing.....	80,996	61,507	28,768	4,597	1.06	65,197	30,494	4,873
	Drug stores (including pharmacists).....	103,497	104,727	80,157	67,575	1.00	104,727	80,157	67,575
	Hardware and farm implement stores.....	47,087	52,138	48,933	48,181	0.94	49,010	45,997	45,290
I	Jewelry stores.....	19,207	23,864	21,433	29,962	0.99	23,625	21,219	29,662
D	Fuel and ice retailing.....	45,706	49,524	34,759	31,827	1.00	49,524	34,759	31,827
Q	Filling stations.....								
J	Other retail trade and wholesale trade.....	697,861	505,186	373,098	289,988	1.034+	522,418	385,783	299,848
41a	Finance (including salesmen, finance, etc.).....	145,416	197,866	134,061	81,795	0.98	193,909	131,380	80,159
	Theaters and motion pictures.....	26,841	21,646	18,395	11,322	1.04	22,512	19,131	11,775
b	Miscellaneous amusement and recreation.....	44,003	39,847	28,257	19,690	0.99	39,449	27,974	19,403

<sup>1</sup> The group designation preceding an occupation indicates the order of the occupation in the most detailed 1940 census classification, as published in the census reports. Occasionally, a line with no group designation has been inserted as a group title for two or more occupations of the classification.

<sup>2</sup> For explanation of degree of comparability and adjustment factor, see footnote 1, p. 35. In the case of each occupation in table 3, the adjustment factor applied to the 1930 published figures presented in table 2 was applied to the 1930, to the 1920, and to the 1910 published figures presented in table 3, except that the adjusted figures for an occupation group having subgroups were obtained by adding the adjusted figures for the subgroups. No adjustment factor appears in column 5 in these cases. In the case of the combined group composed of group 37j and "Other retail trade and wholesale trade," and in the case of the group "Operatives and kindred workers (n. e. c.), silk and rayon industries," the number entered in column 5 is not an adjustment factor, but, rather, an index of comparability. For a discussion of the reliability of this method of adjusting the 1920 and 1910 figures, see p. 21.

<sup>3</sup> Aviators, designated "Aeronauts," were included with "Showmen" in 1910.

<sup>4</sup> Because of the difficulty of evaluating the effect of the classification changes, these adjusted figures may not be as reliable as are those for 1930.

<sup>5</sup> Probably includes some teachers in schools below collegiate rank.

<sup>6</sup> For discussion of comparisons presented for specified occupations, see pp. 23-30.

<sup>7</sup> Figures for 1910 estimated.

<sup>8</sup> Wherever used in this table "n. e. c." means "not elsewhere classified."

<sup>9</sup> Proprietors in the two groups, "Corn shellers, hay balers, grain threshers, etc." and "Other and not specified pursuits," in 1920 and in 1910, are omitted from this group. On the other hand, the group includes, in 1920 and in 1910, managers, foremen, and laborers engaged in landscape gardening and managers of poultry farms. The effect of the difference in grouping on the comparability of the figures here presented is negligible.

<sup>10</sup> These figures include the estimated number of engineers in 1920—21,705.

<sup>11</sup> The 1920 and the 1910 figures do not include "Radio announcers, directors, managers, and officials," included in the 1930 figures.