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## APPENDIX

TABLE I. — MEMBERSHIP OF

(00's)

UNLESS OTHERWISE INDICATED, THE DATA CONTAINED IN THIS TABLE WERE OBTAINED  
WERE OBTAINED FROM THE PROCEEDINGS OF THE UNION OR BY

Name of Union	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Mining and Quarrying</b>											
1 Coal Hoisting Engineers.....	.....	.....	5 <sup>a</sup>	7 <sup>a</sup>	10 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	•	.....	.....	.....
2 Mine Managers and Assts. ....	.....	.....	.....	.....	.....	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	•
3 Mine, Mill and Smelter Workers.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4 Mine Workers, United.....	97 <sup>a</sup>	389 <sup>a</sup>	618 <sup>a</sup>	1165 <sup>a</sup>	1980 <sup>a</sup>	1753 <sup>a</sup>	2478 <sup>a</sup>	2610 <sup>a</sup>	2650 <sup>a</sup>	2907 <sup>a</sup>	2607 <sup>a</sup>
5 Mineral Mine Workers.....	23 <sup>a</sup>	7 <sup>a</sup>	6 <sup>a</sup>	5 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	7 <sup>a</sup>	•	.....	.....	.....
6 Miners, Western Federation....	80	100	120	140	177	196	223	241	263	293	448
7 Quarry Workers.....	.....	.....	.....	.....	.....	.....	12 <sup>a</sup>	26 <sup>a</sup>	36 <sup>a</sup>	38 <sup>a</sup>	41 <sup>a</sup>
8 Quarrymen.....	4 <sup>a</sup>	4 <sup>a</sup>	•	.....	.....	.....	.....	.....	.....	.....	.....
9 Slate Workers.....	.....	.....	.....	.....	.....	.....	8 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	18 <sup>a</sup>	30 <sup>a</sup>
Total in Group.....	209	440	749	1307	2171	1964	2795	2789	2962	2653	3120
<b>Building Trades</b>											
1 Asbestos Workers.....	.....	.....	.....	.....	.....	.....	.....	7 <sup>a</sup>	3 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>
2 Bricklayers and Masons.....	233	222	267	334	343	439	462	503	543	538	641
3 Bridge and Iron Workers.....	.....	.....	.....	.....	60 <sup>a</sup>	110 <sup>a</sup>	160 <sup>a</sup>	115 <sup>a</sup>	108 <sup>a</sup>	•	116 <sup>a</sup>
4 Building Employees.....	.....	.....	.....	.....	.....	.....	.....	8 <sup>a</sup>	•	.....	.....
5 Building Laborers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6 Carpenters, Amal.....	16 <sup>a</sup>	16 <sup>a</sup>	18 <sup>a</sup>	20 <sup>a</sup>	26 <sup>a</sup>	32 <sup>a</sup>	45 <sup>a</sup>	50 <sup>a</sup>	48 <sup>a</sup>	43 <sup>a</sup>	58 <sup>a</sup>
7 Carpenters, United.....	222 <sup>a</sup>	316 <sup>a</sup>	500 <sup>a</sup>	624 <sup>a</sup>	871 <sup>a</sup>	1222 <sup>a</sup>	1672 <sup>a</sup>	1612 <sup>a</sup>	1612 <sup>a</sup>	1708 <sup>a</sup>	1743 <sup>a</sup>
8 Cement Workers.....	.....	.....	.....	.....	.....	.....	55 <sup>a</sup>	44 <sup>a</sup>	36 <sup>a</sup>	42 <sup>a</sup>	58 <sup>a</sup>
9 Compressed Air Workers.....	.....	.....	.....	.....	.....	.....	.....	12 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	13 <sup>a</sup>
10 Electrical Workers (A. F. of L.)..	17 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	48 <sup>a</sup>	73 <sup>a</sup>	115 <sup>a</sup>	183 <sup>a</sup>	210 <sup>a</sup>	210 <sup>a</sup>	210 <sup>a</sup>	302 <sup>a</sup>
11 Electrical Workers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12 Elevator Constructors.....	.....	.....	.....	.....	9	12	21 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	23 <sup>a</sup>
13 Hod Carriers.....	.....	.....	.....	.....	.....	.....	82 <sup>a</sup>	120 <sup>a</sup>	66 <sup>a</sup>	92 <sup>a</sup>	102 <sup>a</sup>
14 Lathers, Wood and Metal.....	.....	.....	.....	6 <sup>a</sup>	14 <sup>a</sup>	23 <sup>a</sup>	33 <sup>a</sup>	39 <sup>a</sup>	36 <sup>a</sup>	44 <sup>a</sup>	55 <sup>a</sup>
15 Marble Workers.....	.....	.....	.....	.....	.....	.....	5 <sup>a</sup>	12 <sup>a</sup>	6 <sup>a</sup>	19 <sup>a</sup>	20 <sup>a</sup>
16 Painters.....	50 <sup>a</sup>	43 <sup>a</sup>	45 <sup>a</sup>	280 <sup>a</sup>	280 <sup>a</sup>	343 <sup>a</sup>	536 <sup>a</sup>	607 <sup>a</sup>	542 <sup>a</sup>	555 <sup>a</sup>	624 <sup>a</sup>
17 Plasterers.....	20	18	40 <sup>a</sup>	63	83 <sup>a</sup>	105	114 <sup>a</sup>	124 <sup>a</sup>	134 <sup>a</sup>	145	167
18 Plumbers.....	40 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	45 <sup>a</sup>	37 <sup>a</sup>	123 <sup>a</sup>	152 <sup>a</sup>	165 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	160 <sup>a</sup>
19 Roofers, Composition.....	.....	.....	.....	.....	.....	.....	.....	5 <sup>a</sup>	7	10	10 <sup>a</sup>
20 Roofers, Slate and Tile.....	.....	.....	.....	.....	.....	.....	5 <sup>a</sup>	7 <sup>a</sup>	6 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>
21 Sheet Metal Workers.....	10	12	15 <sup>a</sup>	29 <sup>a</sup>	45 <sup>a</sup>	66 <sup>a</sup>	126 <sup>a</sup>	153 <sup>a</sup>	130 <sup>a</sup>	129 <sup>a</sup>	153 <sup>a</sup>
22 Steam Fitters.....	5	10	20 <sup>a</sup>	18 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	20	30	40	54 <sup>a</sup>	55 <sup>a</sup>
23 Tile Layers.....	.....	2 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	7 <sup>a</sup>	11 <sup>a</sup>	14 <sup>a</sup>	17 <sup>a</sup>	14 <sup>a</sup>	19 <sup>a</sup>	21 <sup>a</sup>
Total in Group.....	673	738	968	1531	1916	2634	3692	3916	3727	3893	4332
<b>Textile</b>											
1 Cloth Weavers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2 Elastic Goring Weavers.....	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>
3 Lace Operatives.....	2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	7 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>
4 Loomfixers.....	25	30	20	15	10	8	7	7	7	8	8
5 Machine Textile Printers.....	.....	.....	.....	.....	.....	.....	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>
6 Silk Workers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7 Spinners.....	24 <sup>a</sup>	24 <sup>a</sup>	21 <sup>a</sup>	24 <sup>a</sup>	27 <sup>a</sup>	26 <sup>a</sup>	25 <sup>a</sup>	25 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>
8 Textile Workers, Amal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 Textile Workers, United.....	27 <sup>a</sup>	25 <sup>a</sup>	22 <sup>a</sup>	34 <sup>a</sup>	27 <sup>a</sup>	106 <sup>a</sup>	150 <sup>a</sup>	105 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	114 <sup>a</sup>
10 Wool Sorters and Graders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total in Group.....	81	85	69	80	70	147	192	148	141	143	157

AMERICAN TRADE UNIONS, 1897-1923

omitted)

FROM THE REPORTS OF THE AMERICAN FEDERATION OF LABOR. FIGURES IN ITALICS CORRESPONDENCE WITH THE CENTRAL OFFICE OF THE UNION.

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
2520 <sup>a</sup>	2652 <sup>a</sup>	2314 <sup>a</sup>	2663 <sup>a</sup>	2893 <sup>a</sup>	3777 <sup>a</sup>	3590 <sup>a</sup>	3116 <sup>a</sup>	3180 <sup>a</sup>	3520 <sup>a</sup>	4134 <sup>a</sup>	3938 <sup>a</sup>	3936 <sup>a</sup>	4257 <sup>a</sup>	3729 <sup>a</sup>	4049 <sup>a</sup>	3
305	363	571	608 <sup>a</sup>	482 <sup>a</sup>	496 <sup>a</sup>	369 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
45 <sup>a</sup>	45 <sup>a</sup>	50 <sup>a</sup>	35 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	36 <sup>a</sup>	35 <sup>a</sup>	35 <sup>a</sup>	31 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	24 <sup>a</sup>	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
27 <sup>a</sup>	21 <sup>a</sup>	14 <sup>a</sup>	7 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
2897	3071	2749	3107	3420	4315	3802	3322	3376	3734	4332	4146	4177	4449	3805	4154	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
8 <sup>a</sup>	6 <sup>a</sup>	5 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	16 <sup>a</sup>	18 <sup>a</sup>	22 <sup>a</sup>	26 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	1
629	607	618	768	811	844	885	769	738	785 <sup>a</sup>	716 <sup>a</sup>	658 <sup>a</sup>	736 <sup>a</sup>	819 <sup>a</sup>	853 <sup>a</sup>	1037 <sup>a</sup>	2
104 <sup>a</sup>	96 <sup>a</sup>	109 <sup>a</sup>	122 <sup>a</sup>	109 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	122 <sup>a</sup>	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	64 <sup>d</sup>	70 <sup>d</sup>	58 <sup>d</sup>	84 <sup>d</sup>	98 <sup>d</sup>	111	80	b	.....	.....	.....	.....	.....	.....	5
81 <sup>a</sup>	73 <sup>a</sup>	71 <sup>a</sup>	78 <sup>a</sup>	91 <sup>d</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
1785 <sup>a</sup>	1836 <sup>a</sup>	2007 <sup>a</sup>	1941 <sup>a</sup>	1955 <sup>a</sup>	2128 <sup>a</sup>	2128 <sup>a</sup>	1940 <sup>a</sup>	2128 <sup>a</sup>	2473 <sup>a</sup>	2817 <sup>a</sup>	3460 <sup>a</sup>	3719 <sup>a</sup>	3550 <sup>a</sup>	3831 <sup>a</sup>	3147 <sup>a</sup>	7
73 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	73 <sup>a</sup>	16 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	8
13 <sup>a</sup>	8 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	8 <sup>a</sup>	10 <sup>a</sup>	12 <sup>a</sup>	14 <sup>a</sup>	16 <sup>a</sup>	b	.....	.....	.....	.....	.....	9
321 <sup>a</sup>	138 <sup>a</sup>	160 <sup>a</sup>	189 <sup>a</sup>	196 <sup>a</sup>	227 <sup>a</sup>	308 <sup>a</sup>	362 <sup>a</sup>	362 <sup>a</sup>	415 <sup>a</sup>	544 <sup>a</sup>	1312 <sup>a</sup>	1392 <sup>a</sup>	1420 <sup>a</sup>	1420 <sup>a</sup>	1420 <sup>a</sup>	10
.....	.....	.....	.....	220 <sup>d</sup>	230 <sup>d</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
25 <sup>a</sup>	20 <sup>a</sup>	21 <sup>a</sup>	21 <sup>a</sup>	23 <sup>a</sup>	26 <sup>a</sup>	27 <sup>a</sup>	27 <sup>a</sup>	28 <sup>a</sup>	29 <sup>a</sup>	20 <sup>a</sup>	30 <sup>a</sup>	31 <sup>a</sup>	38 <sup>a</sup>	38 <sup>a</sup>	52 <sup>a</sup>	12
92 <sup>a</sup>	77 <sup>a</sup>	114 <sup>a</sup>	127 <sup>a</sup>	125 <sup>a</sup>	221 <sup>a</sup>	256 <sup>a</sup>	319 <sup>a</sup>	324 <sup>a</sup>	324 <sup>a</sup>	367 <sup>a</sup>	400 <sup>a</sup>	420 <sup>a</sup>	460 <sup>a</sup>	460 <sup>a</sup>	475 <sup>a</sup>	13
54 <sup>a</sup>	51 <sup>a</sup>	58 <sup>a</sup>	58 <sup>a</sup>	59 <sup>a</sup>	65 <sup>a</sup>	67 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>	59 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	14
22 <sup>a</sup>	24 <sup>a</sup>	27 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	30 <sup>a</sup>	41 <sup>a</sup>	16 <sup>a</sup>	6 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	17 <sup>a</sup>	23 <sup>a</sup>	15
648 <sup>a</sup>	596 <sup>a</sup>	635 <sup>a</sup>	676 <sup>a</sup>	655 <sup>a</sup>	709 <sup>a</sup>	744 <sup>a</sup>	753 <sup>a</sup>	782 <sup>a</sup>	852 <sup>a</sup>	845 <sup>a</sup>	827 <sup>a</sup>	1031 <sup>a</sup>	1133 <sup>a</sup>	978 <sup>a</sup>	928 <sup>a</sup>	16
169	145 <sup>a</sup>	152 <sup>a</sup>	147 <sup>a</sup>	157 <sup>a</sup>	173 <sup>a</sup>	180 <sup>a</sup>	183 <sup>a</sup>	184 <sup>a</sup>	190 <sup>a</sup>	190 <sup>a</sup>	194 <sup>a</sup>	239 <sup>a</sup>	246 <sup>a</sup>	252 <sup>a</sup>	252 <sup>a</sup>	17
180 <sup>a</sup>	184 <sup>a</sup>	200 <sup>a</sup>	200 <sup>a</sup>	260 <sup>a</sup>	290 <sup>a</sup>	297 <sup>a</sup>	410 <sup>a</sup>	450 <sup>a</sup>	520 <sup>a</sup>	600 <sup>a</sup>	600 <sup>a</sup>	750 <sup>a</sup>	420 <sup>a</sup>	490 <sup>a</sup>	560 <sup>a</sup>	18
10 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	10 <sup>a</sup>	18 <sup>a</sup>	23 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	19
6 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	b	.....	.....	.....	.....	20
161 <sup>a</sup>	160 <sup>a</sup>	162 <sup>a</sup>	172 <sup>a</sup>	166 <sup>a</sup>	169 <sup>a</sup>	178 <sup>a</sup>	178 <sup>a</sup>	175 <sup>a</sup>	176 <sup>a</sup>	183 <sup>a</sup>	202 <sup>a</sup>	218 <sup>a</sup>	242 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	21
56 <sup>a</sup>	56 <sup>a</sup>	56 <sup>a</sup>	56 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
19 <sup>a</sup>	17 <sup>a</sup>	19 <sup>a</sup>	21 <sup>a</sup>	24 <sup>a</sup>	27 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	25 <sup>a</sup>	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
4446	4259	4590	4788	5091	5533	5420	5327	5529	6055	7006	8018	8879	8691	8263	8444	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	50	50	50 <sup>d</sup>	60 <sup>d</sup>	50 <sup>d</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	2
8 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	16	16	17	3
8	9	9	13	16	17	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
4	4	4	4	4	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
129 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	109 <sup>a</sup>	162 <sup>a</sup>	180 <sup>a</sup>	189 <sup>a</sup>	255 <sup>a</sup>	371 <sup>a</sup>	459 <sup>a</sup>	558 <sup>a</sup>	1049 <sup>a</sup>	829 <sup>a</sup>	300 <sup>a</sup>	300 <sup>a</sup>	9
.....	.....	16 <sup>d</sup>	14 <sup>d</sup>	14 <sup>d</sup>	14 <sup>d</sup>	14 <sup>d</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
172	144	210	213	226	291	299	224	289	406	494	598	1491	882	369	375	

TABLE I. — MEMBERSHIP OF AMERICAN

Name of Union	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Metal, Machinery, and Shipbuilding</b>											
1 Automobile, Aircraft, etc.											
2 Blacksmiths	3 <sup>a</sup>	3 <sup>a</sup>	5 <sup>a</sup>	15 <sup>a</sup>	35 <sup>a</sup>	43 <sup>a</sup>	70 <sup>a</sup>	105 <sup>a</sup>	100 <sup>a</sup>	82 <sup>a</sup>	93 <sup>a</sup>
3 Boiler Makers and Iron Ship-builders	11 <sup>a</sup>	13 <sup>a</sup>	38 <sup>a</sup>	48 <sup>a</sup>	54 <sup>a</sup>	78 <sup>a</sup>	149 <sup>a</sup>	180 <sup>a</sup>	138 <sup>a</sup>	135 <sup>a</sup>	135 <sup>a</sup>
4 Brass and Metal Workers	7 <sup>a</sup>										
5 Carriage Workers	5 <sup>a</sup>	5 <sup>a</sup>	7 <sup>a</sup>	13 <sup>a</sup>	25 <sup>a</sup>	31 <sup>a</sup>	49 <sup>a</sup>	55 <sup>a</sup>	32 <sup>a</sup>	31 <sup>a</sup>	31 <sup>a</sup>
6 Car Workers					10 <sup>a</sup>	24 <sup>a</sup>	128 <sup>a</sup>	102 <sup>a</sup>	50 <sup>a</sup>	49 <sup>a</sup>	50 <sup>a</sup>
7 Chain Makers				2 <sup>a</sup>	4 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>
8 Chandelier Workers											
9 Coremakers	5 <sup>a</sup>	7 <sup>a</sup>	10 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	<sup>b</sup>				
10 Cutting Die Makers									3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>
11 Diamond Workers											
12 Draftsmen											
13 Engineers, Amal.	19	19 <sup>a</sup>	18 <sup>a</sup>	18 <sup>a</sup>	18 <sup>a</sup>	19 <sup>a</sup>	29	29	29	29	34
14 Foundry Employees								10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>
15 Furnace Workers					14 <sup>a</sup>	9 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	<sup>b</sup>	
16 Gold Beaters	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	4	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	5
17 Iron, Steel and Tin Workers	105 <sup>a</sup>	105 <sup>a</sup>	110 <sup>a</sup>	140 <sup>a</sup>	139 <sup>a</sup>	145 <sup>a</sup>	152 <sup>a</sup>	143 <sup>a</sup>	109 <sup>a</sup>	114 <sup>a</sup>	102 <sup>a</sup>
18 Jewelry Workers				9 <sup>a</sup>	9 <sup>a</sup>	10 <sup>a</sup>	24 <sup>a</sup>	24 <sup>a</sup>	7 <sup>a</sup>	4 <sup>a</sup>	6 <sup>a</sup>
19 Machinists	140 <sup>a</sup>	100 <sup>a</sup>	136 <sup>a</sup>	225 <sup>a</sup>	325 <sup>a</sup>	355 <sup>a</sup>	483 <sup>a</sup>	557 <sup>a</sup>	485 <sup>a</sup>	500 <sup>a</sup>	560 <sup>a</sup>
20 Metal Mechanics	6 <sup>a</sup>	7 <sup>a</sup>	9 <sup>a</sup>	22 <sup>a</sup>	45 <sup>a</sup>	61 <sup>a</sup>	113 <sup>a</sup>	70 <sup>a</sup>	<sup>b</sup>		
21 Metal Polishers	36 <sup>a</sup>	42 <sup>a</sup>	48 <sup>a</sup>	50 <sup>a</sup>	56 <sup>a</sup>	84 <sup>a</sup>	128 <sup>a</sup>	128 <sup>a</sup>	103 <sup>a</sup>	109 <sup>a</sup>	100
22 Metal Work, Brotherhood											
23 Metal Work, United				10 <sup>a</sup>	21 <sup>a</sup>	43 <sup>a</sup>	87 <sup>a</sup>	96 <sup>a</sup>	<sup>b</sup>		
24 Molders	120 <sup>a</sup>	120 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	250 <sup>a</sup>	300 <sup>a</sup>	300 <sup>a</sup>	300 <sup>a</sup>	450 <sup>a</sup>	500
25 Pattern Makers	10 <sup>a</sup>	13 <sup>a</sup>	15 <sup>a</sup>	22 <sup>a</sup>	23 <sup>a</sup>	23 <sup>a</sup>	29 <sup>a</sup>	37 <sup>a</sup>	36 <sup>a</sup>	40 <sup>a</sup>	50 <sup>a</sup>
26 Pocket Knife Grinders									2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>
27 Railway Carmen	13	10	11	30 <sup>a</sup>	49	121 <sup>c</sup>	193	177 <sup>c</sup>	160	243 <sup>c</sup>	326 <sup>a</sup>
28 Saw Smiths						3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3
29 Shipwrights							26 <sup>a</sup>	34 <sup>a</sup>	24 <sup>a</sup>	20 <sup>a</sup>	19 <sup>a</sup>
30 Stove Mounters	7 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	9 <sup>a</sup>	13 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	17 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>
31 Table Knife Grinders	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>
32 Tack Makers							1 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	<sup>b</sup>	
33 Tin Plate Workers			17 <sup>a</sup>	21 <sup>a</sup>	20 <sup>a</sup>	21 <sup>a</sup>	18 <sup>a</sup>	16 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14
34 Tube Workers						5 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	<sup>b</sup>		
35 Watch Case Engravers				5 <sup>a</sup>	5 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	2
36 Watch Case Makers					3 <sup>a</sup>		<sup>b</sup>				
37 Wire Drawers	5 <sup>a</sup>	3 <sup>a</sup>	5 <sup>a</sup>				<sup>b</sup>				
38 Wire Weavers	2	2	2	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>
<b>Total in Group</b>	<b>501</b>	<b>462</b>	<b>589</b>	<b>809</b>	<b>1038</b>	<b>1373</b>	<b>2052</b>	<b>2133</b>	<b>1655</b>	<b>1873</b>	<b>2123</b>
<b>Public Service</b>											
1 Federal Employees											
2 Fire Fighters											
3 Government Employees											
4 Letter Carriers	111	112 <sup>a</sup>	113	133	141 <sup>a</sup>	160	166	169	170	173	205
5 Letter Carriers, Rural											
6 Post Office Clerks, United				22	35	40	60	65	75	85	100
7 Post Office Clerks, National											9 <sup>a</sup>
8 Railway Mail Assn.											
9 Railway Postal Clerks											
10 State, City Employees											
11 Teachers, Amer. Fed. of.											
<b>Total in Group</b>	<b>111</b>	<b>112</b>	<b>113</b>	<b>154</b>	<b>176</b>	<b>190</b>	<b>216</b>	<b>234</b>	<b>245</b>	<b>258</b>	<b>314</b>

TRADE UNIONS, 1897-1923 — *Continued*

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	93 <sup>a</sup>	90 <sup>a</sup>	96 <sup>a</sup>	130 <sup>a</sup>	173 <sup>a</sup>	185 <sup>a</sup>	232 <sup>a</sup>	331 <sup>a</sup>	454 <sup>a</sup>	500 <sup>a</sup>	367 <sup>a</sup>	50 <sup>a</sup>	2
130 <sup>a</sup>	133 <sup>a</sup>	161 <sup>a</sup>	190 <sup>a</sup>	167 <sup>a</sup>	162 <sup>a</sup>	167 <sup>a</sup>	173 <sup>a</sup>	182 <sup>a</sup>	312 <sup>a</sup>	555 <sup>a</sup>	849 <sup>a</sup>	1030 <sup>a</sup>	845 <sup>a</sup>	417 <sup>a</sup>	194 <sup>a</sup>	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
15 <sup>a</sup>	15 <sup>a</sup>	11 <sup>a</sup>	20 <sup>a</sup>	27 <sup>a</sup>	29 <sup>a</sup>	35 <sup>a</sup>	38 <sup>a</sup>	40 <sup>a</sup>	42 <sup>a</sup>	.....	.....	.....	.....	.....	.....	5
44 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	46 <sup>a</sup>	74	105 <sup>a</sup>	110 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
6 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	.....	10
.....	.....	5	3	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
28	51	38	38	34 <sup>d</sup>	38	27 <sup>d</sup>	34	32	30	28	26	.....	.....	.....	.....	13
7 <sup>a</sup>	5 <sup>a</sup>	7 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	8 <sup>a</sup>	13 <sup>a</sup>	33 <sup>a</sup>	54 <sup>a</sup>	91 <sup>a</sup>	52 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
5 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
74 <sup>a</sup>	63 <sup>a</sup>	82 <sup>a</sup>	43 <sup>a</sup>	55 <sup>a</sup>	63 <sup>a</sup>	65 <sup>a</sup>	65 <sup>a</sup>	67 <sup>a</sup>	110 <sup>a</sup>	161 <sup>a</sup>	197 <sup>a</sup>	315 <sup>a</sup>	254 <sup>a</sup>	159 <sup>a</sup>	117 <sup>a</sup>	17
4 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
621 <sup>a</sup>	484 <sup>a</sup>	569 <sup>a</sup>	671 <sup>a</sup>	598 <sup>a</sup>	710 <sup>a</sup>	754 <sup>a</sup>	719 <sup>a</sup>	1009 <sup>a</sup>	1125 <sup>a</sup>	1436 <sup>a</sup>	2546 <sup>a</sup>	3308 <sup>a</sup>	2736 <sup>a</sup>	1809 <sup>a</sup>	973 <sup>a</sup>	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	110 <sup>a</sup>	115 <sup>a</sup>	120 <sup>a</sup>	135 <sup>a</sup>	130 <sup>a</sup>	125 <sup>a</sup>	95 <sup>a</sup>	90 <sup>a</sup>	93 <sup>a</sup>	21
.....	9	13	14 <sup>a</sup>	14 <sup>a</sup>	15	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	516 <sup>a</sup>	573 <sup>a</sup>	585 <sup>a</sup>	265 <sup>a</sup>	321 <sup>a</sup>	24
55 <sup>a</sup>	50 <sup>a</sup>	52 <sup>a</sup>	56 <sup>a</sup>	60 <sup>a</sup>	65 <sup>a</sup>	67 <sup>a</sup>	65 <sup>a</sup>	70 <sup>a</sup>	88 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	90 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	25
3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	26
251 <sup>a</sup>	175	228 <sup>a</sup>	269 <sup>a</sup>	287 <sup>a</sup>	280 <sup>a</sup>	287 <sup>a</sup>	293 <sup>a</sup>	308 <sup>a</sup>	390 <sup>a</sup>	534 <sup>a</sup>	1004 <sup>a</sup>	1821 <sup>a</sup>	2000 <sup>a</sup>	1717 <sup>a</sup>	1600 <sup>a</sup>	27
3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	28
16 <sup>a</sup>	16 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
14 <sup>a</sup>	10 <sup>a</sup>	9 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	17 <sup>a</sup>	19 <sup>a</sup>	19 <sup>a</sup>	19 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	18 <sup>a</sup>	30
3 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
14 <sup>a</sup>	15 <sup>a</sup>	8 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	38
2001	1778	1963	2103	2043	2189	2259	2242	2671	3097	3982	6175	8588	7283	5057	3583	
.....	.....	.....	.....	.....	.....	.....	.....	.....	81 <sup>a</sup>	109 <sup>a</sup>	204 <sup>a</sup>	385 <sup>a</sup>	330 <sup>a</sup>	250 <sup>a</sup>	212 <sup>a</sup>	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23 <sup>a</sup>	154 <sup>a</sup>	221 <sup>a</sup>	180 <sup>a</sup>	161 <sup>a</sup>	180 <sup>a</sup>	2
.....	.....	100	100	80 <sup>d</sup>	60 <sup>d</sup>	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
225	250	280	271	269	291	322	339	334	328 <sup>a</sup>	325 <sup>a</sup>	359 <sup>a</sup>	284 <sup>a</sup>	354 <sup>a</sup>	299 <sup>a</sup>	409 <sup>a</sup>	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
150	180	210	220	230	250	260	280	290	290	240	270	290	310	350	370	6
12 <sup>a</sup>	13 <sup>a</sup>	14 <sup>a</sup>	70 <sup>a</sup>	90 <sup>a</sup>	100 <sup>a</sup>	120 <sup>a</sup>	140 <sup>a</sup>	150 <sup>a</sup>	170 <sup>a</sup>	210 <sup>a</sup>	230 <sup>a</sup>	260 <sup>a</sup>	270 <sup>a</sup>	300 <sup>a</sup>	350 <sup>a</sup>	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
387	443	584	661	669	862	914	905	963	1024	1052	1372	1614	1718	1707	1722	

TABLE I. — MEMBERSHIP OF AMERICAN

Name of Union	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Leather</b>											
1 Boot and Shoe Workers.....	125 <sup>a</sup>	94 <sup>a</sup>	43 <sup>a</sup>	47 <sup>a</sup>	88 <sup>a</sup>	146 <sup>a</sup>	297 <sup>a</sup>	320 <sup>a</sup>	320 <sup>a</sup>	321 <sup>a</sup>	320 <sup>a</sup>
2 Boot and Shoe Cutters.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Leather Goods Workers, Fancy..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4 Leather Workers on Horse Goods	1 <sup>a</sup>	4 <sup>a</sup>	10 <sup>a</sup>	21 <sup>a</sup>	32 <sup>a</sup>	42 <sup>a</sup>	48 <sup>a</sup>	46 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>
5 Leather Workers, Amal.....	.....	.....	.....	.....	3 <sup>a</sup>	22 <sup>a</sup>	36 <sup>a</sup>	25 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>
6 Leather Workers, United.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7 Shoe Workers' Protective.....	85	85	85	85	85	85	85	85	85	85	85
8 Shoe Workers, Utd.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 Trav. Goods and Leather Nov. Workers.....	1	1	8	3 <sup>a</sup>	3 <sup>a</sup>	5 <sup>a</sup>	16 <sup>a</sup>	15 <sup>a</sup>	13 <sup>a</sup>	9 <sup>a</sup>	7 <sup>a</sup>
<b>Total in Group.....</b>	<b>152</b>	<b>124</b>	<b>80</b>	<b>96</b>	<b>151</b>	<b>240</b>	<b>422</b>	<b>431</b>	<b>408</b>	<b>405</b>	<b>402</b>
<b>Clothing</b>											
1 Cloth, Hat and Cap Makers....	.....	.....	.....	.....	.....	20 <sup>a</sup>	25 <sup>a</sup>	29 <sup>a</sup>	26 <sup>a</sup>	21 <sup>a</sup>	23 <sup>a</sup>
2 Clothing Workers, Amalgamated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Garment Workers, United.....	40 <sup>a</sup>	43 <sup>a</sup>	42 <sup>a</sup>	74 <sup>a</sup>	154 <sup>a</sup>	243 <sup>a</sup>	457 <sup>a</sup>	457 <sup>a</sup>	319 <sup>a</sup>	240 <sup>a</sup>	334 <sup>a</sup>
4 Glove Workers.....	.....	.....	.....	.....	.....	.....	30 <sup>a</sup>	20 <sup>a</sup>	11 <sup>a</sup>	3 <sup>a</sup>	8 <sup>a</sup>
5 Hatters.....	58 <sup>a</sup>	58 <sup>a</sup>	59 <sup>a</sup>	76 <sup>a</sup>	78 <sup>a</sup>	86 <sup>a</sup>	80 <sup>a</sup>	89 <sup>a</sup>	89 <sup>a</sup>	80 <sup>a</sup>	85 <sup>a</sup>
6 Ladies' Garment Workers.....	.....	.....	.....	.....	20 <sup>a</sup>	21 <sup>a</sup>	30 <sup>a</sup>	22 <sup>a</sup>	18 <sup>a</sup>	13 <sup>a</sup>	23 <sup>a</sup>
7 Special Order, Clothing Makers.	.....	.....	.....	88	88	110 <sup>a</sup>	b	.....	.....	.....	.....
8 Straw and Ladies' Hatters.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 Tailors.....	50 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	73 <sup>a</sup>	93 <sup>a</sup>	109 <sup>a</sup>	138 <sup>a</sup>	159 <sup>a</sup>	160 <sup>a</sup>	166 <sup>a</sup>	167 <sup>a</sup>
<b>Total in Group.....</b>	<b>146</b>	<b>151</b>	<b>151</b>	<b>249</b>	<b>377</b>	<b>589</b>	<b>770</b>	<b>776</b>	<b>623</b>	<b>538</b>	<b>650</b>
<b>Food, Liquor and Tobacco</b>											
1 Bakery Workers.....	20 <sup>a</sup>	21 <sup>a</sup>	31 <sup>a</sup>	45 <sup>a</sup>	64 <sup>a</sup>	102 <sup>a</sup>	154 <sup>a</sup>	162 <sup>a</sup>	120 <sup>a</sup>	106 <sup>a</sup>	110 <sup>a</sup>
2 Brewery Workmen.....	100 <sup>a</sup>	100 <sup>a</sup>	107 <sup>a</sup>	183 <sup>a</sup>	235 <sup>a</sup>	291 <sup>a</sup>	300 <sup>a</sup>	305 <sup>a</sup>	340 <sup>a</sup>	360 <sup>a</sup>	400 <sup>a</sup>
3 Cigarmakers.....	283 <sup>a</sup>	287 <sup>a</sup>	316 <sup>a</sup>	371 <sup>a</sup>	377 <sup>a</sup>	418 <sup>a</sup>	443 <sup>a</sup>	468 <sup>a</sup>	459 <sup>a</sup>	454 <sup>a</sup>	480 <sup>a</sup>
4 Flour Mill Employees.....	.....	.....	.....	.....	.....	.....	21 <sup>a</sup>	21 <sup>a</sup>	9 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>
5 Food Workers, Amal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6 Stogie Makers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7 Tobacco Workers.....	41 <sup>a</sup>	46 <sup>a</sup>	41 <sup>a</sup>	60 <sup>a</sup>	43 <sup>a</sup>	41 <sup>a</sup>	52 <sup>a</sup>	56 <sup>a</sup>	54 <sup>a</sup>	55 <sup>a</sup>	51 <sup>a</sup>
<b>Total in Group.....</b>	<b>444</b>	<b>454</b>	<b>494</b>	<b>659</b>	<b>719</b>	<b>846</b>	<b>970</b>	<b>1012</b>	<b>979</b>	<b>982</b>	<b>1048</b>
<b>Lumber and Woodworking</b>											
1 Box Makers and Sawyers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2 Coopers.....	15 <sup>a</sup>	24 <sup>a</sup>	32 <sup>a</sup>	43 <sup>a</sup>	57 <sup>a</sup>	64 <sup>a</sup>	79 <sup>a</sup>	69 <sup>a</sup>	58 <sup>a</sup>	53 <sup>a</sup>	57 <sup>a</sup>
3 Piano and Organ Workers.....	.....	33	47	61	77	57 <sup>a</sup>	65 <sup>a</sup>	99 <sup>a</sup>	90 <sup>a</sup>	80 <sup>a</sup>	50 <sup>a</sup>
4 Timber Workers.....	.....	.....	.....	.....	.....	.....	13 <sup>a</sup>	14 <sup>a</sup>	16 <sup>a</sup>	17 <sup>a</sup>	18 <sup>a</sup>
5 Upholsters.....	.....	.....	.....	13 <sup>a</sup>	13 <sup>a</sup>	13 <sup>a</sup>	25 <sup>a</sup>	30 <sup>a</sup>	28 <sup>a</sup>	26 <sup>a</sup>	26 <sup>a</sup>
6 Wood Carvers.....	7	9 <sup>a</sup>	12 <sup>a</sup>	18 <sup>a</sup>	20 <sup>a</sup>	23 <sup>a</sup>	24 <sup>a</sup>	21 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>
7 Woodsman and Saw Mill Workers	.....	.....	.....	.....	.....	.....	.....	.....	11 <sup>a</sup>	12 <sup>a</sup>	10 <sup>a</sup>
8 Wood Workers.....	33 <sup>a</sup>	51 <sup>a</sup>	68 <sup>a</sup>	121 <sup>a</sup>	151 <sup>a</sup>	184 <sup>a</sup>	273 <sup>a</sup>	283 <sup>a</sup>	200 <sup>a</sup>	150 <sup>a</sup>	93 <sup>a</sup>
<b>Total in Group.....</b>	<b>55</b>	<b>117</b>	<b>159</b>	<b>256</b>	<b>318</b>	<b>341</b>	<b>479</b>	<b>516</b>	<b>419</b>	<b>359</b>	<b>270</b>
<b>Restaurant and Trade</b>											
1 Agents' Assn.....	11 <sup>a</sup>	7 <sup>a</sup>	9 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....
2 Butcher Workmen.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Hotel Employees.....	15 <sup>a</sup>	25 <sup>a</sup>	20 <sup>a</sup>	48 <sup>a</sup>	103 <sup>a</sup>	191 <sup>a</sup>	391 <sup>a</sup>	494 <sup>a</sup>	387 <sup>a</sup>	345 <sup>a</sup>	363 <sup>a</sup>
4 Hotel Workers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5 Meat Cutters.....	11 <sup>a</sup>	10 <sup>a</sup>	17 <sup>a</sup>	32 <sup>a</sup>	55 <sup>a</sup>	84 <sup>a</sup>	253 <sup>a</sup>	344 <sup>a</sup>	62 <sup>a</sup>	50 <sup>a</sup>	53 <sup>a</sup>
6 Retail Clerks.....	27 <sup>a</sup>	50 <sup>a</sup>	75 <sup>a</sup>	200 <sup>a</sup>	250 <sup>a</sup>	300 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>
<b>Total in Group.....</b>	<b>64</b>	<b>92</b>	<b>121</b>	<b>280</b>	<b>408</b>	<b>575</b>	<b>1144</b>	<b>1338</b>	<b>949</b>	<b>895</b>	<b>916</b>

TRADE UNIONS, 1897-1923 — *Continued*

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923		
320 <sup>a</sup>	320 <sup>a</sup>	325 <sup>a</sup>	327 <sup>a</sup>	333 <sup>a</sup>	343 <sup>a</sup>	381 <sup>a</sup>	350 <sup>a</sup>	390 <sup>a</sup>	396 <sup>a</sup>	358 <sup>a</sup>	368 <sup>a</sup>	467 <sup>a</sup>	410 <sup>a</sup>	402 <sup>a</sup>	399 <sup>a</sup>	1	
.....	.....	28	16	16	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	30	36	48	48	52	3	
40 <sup>a</sup>	40 <sup>a</sup>	37 <sup>a</sup>	26 <sup>a</sup>	20 <sup>a</sup>	19 <sup>a</sup>	18 <sup>a</sup>	18 <sup>a</sup>	18 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	4	
8 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
.....	.....	.....	.....	.....	.....	.....	.....	.....	32 <sup>a</sup>	41 <sup>a</sup>	67 <sup>a</sup>	117 <sup>a</sup>	80 <sup>a</sup>	34 <sup>a</sup>	20 <sup>a</sup>	6	
25	25	25	25	25	25	25	25	40	100	100	180	180	180	200	260	7	
.....	.....	45 <sup>d</sup>	89 <sup>d</sup>	152 <sup>d</sup>	144	140 <sup>d</sup>	180	150	200	230	390	330	250	220	b	8	
5 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	10 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	9	
398	398	468	496	560	547	580	528	608	728	749	1035	1129	962	902	731		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
13 <sup>a</sup>	15 <sup>a</sup>	21 <sup>a</sup>	22 <sup>a</sup>	28 <sup>a</sup>	38 <sup>a</sup>	36 <sup>a</sup>	30 <sup>a</sup>	63 <sup>a</sup>	88 <sup>a</sup>	94	95	106	100	100	120	1	
.....	.....	.....	.....	.....	.....	.....	380	480	670	810	1440	1770	1430	1300	1340	2	
439 <sup>a</sup>	534 <sup>a</sup>	542 <sup>a</sup>	525 <sup>a</sup>	404 <sup>a</sup>	585 <sup>a</sup>	607 <sup>a</sup>	422 <sup>a</sup>	430 <sup>a</sup>	449 <sup>a</sup>	459 <sup>a</sup>	460 <sup>a</sup>	459 <sup>a</sup>	472 <sup>a</sup>	475 <sup>a</sup>	476 <sup>a</sup>	3	
8 <sup>a</sup>	8 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	11 <sup>a</sup>	13 <sup>a</sup>	11 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	8 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	10 <sup>a</sup>	7 <sup>a</sup>	4 <sup>a</sup>	2 <sup>a</sup>	4	
22 <sup>a</sup>	26 <sup>a</sup>	27 <sup>a</sup>	24 <sup>a</sup>	24 <sup>a</sup>	29 <sup>a</sup>	29 <sup>a</sup>	29 <sup>a</sup>	29 <sup>a</sup>	85 <sup>a</sup>	85 <sup>a</sup>	91 <sup>a</sup>	100 <sup>a</sup>	105 <sup>a</sup>	115 <sup>a</sup>	115 <sup>a</sup>	5	
16 <sup>a</sup>	18 <sup>a</sup>	187 <sup>a</sup>	568 <sup>a</sup>	584 <sup>a</sup>	788 <sup>a</sup>	699 <sup>a</sup>	653 <sup>a</sup>	851 <sup>a</sup>	823 <sup>a</sup>	895 <sup>a</sup>	905 <sup>a</sup>	1054 <sup>a</sup>	941 <sup>a</sup>	939 <sup>a</sup>	912 <sup>a</sup>	6	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
161 <sup>a</sup>	132 <sup>a</sup>	117 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	119 <sup>a</sup>	9	
729	803	976	1453	1306	1639	1570	1700	2039	2143	2476	3127	3624	3185	3053	3084		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
105 <sup>a</sup>	107 <sup>a</sup>	127 <sup>a</sup>	138 <sup>a</sup>	146 <sup>a</sup>	151 <sup>a</sup>	157 <sup>a</sup>	158 <sup>a</sup>	175 <sup>a</sup>	189 <sup>a</sup>	204 <sup>a</sup>	210 <sup>a</sup>	275 <sup>a</sup>	280 <sup>a</sup>	248 <sup>a</sup>	229 <sup>a</sup>	1	
425 <sup>a</sup>	462 <sup>a</sup>	454 <sup>a</sup>	533 <sup>a</sup>	625 <sup>a</sup>	650 <sup>a</sup>	676 <sup>a</sup>	520 <sup>a</sup>	496 <sup>a</sup>	450 <sup>a</sup>	450 <sup>a</sup>	400 <sup>a</sup>	341 <sup>a</sup>	273 <sup>a</sup>	190 <sup>a</sup>	160 <sup>a</sup>	2	
471 <sup>a</sup>	516 <sup>a</sup>	514 <sup>a</sup>	500 <sup>a</sup>	486 <sup>a</sup>	485 <sup>a</sup>	485 <sup>a</sup>	394 <sup>a</sup>	377 <sup>a</sup>	416 <sup>a</sup>	395 <sup>a</sup>	363 <sup>a</sup>	388 <sup>a</sup>	342 <sup>a</sup>	320 <sup>a</sup>	309 <sup>a</sup>	3	
8 <sup>a</sup>	8 <sup>a</sup>	3 <sup>a</sup>	3 <sup>d</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
.....	.....	15	15	15	15 <sup>d</sup>	14	.....	.....	.....	.....	.....	.....	.....	120	140	140	6
40 <sup>a</sup>	43 <sup>a</sup>	41 <sup>a</sup>	40 <sup>a</sup>	37 <sup>a</sup>	36 <sup>a</sup>	37 <sup>a</sup>	39 <sup>a</sup>	34 <sup>a</sup>	32 <sup>a</sup>	33 <sup>a</sup>	42 <sup>a</sup>	152 <sup>a</sup>	123 <sup>a</sup>	34 <sup>a</sup>	19 <sup>a</sup>	7	
1055	1125	1154	1229	1308	1337	1369	1111	1082	1087	1082	1015	1156	1138	932	863		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
.....	.....	100	110	137 <sup>d</sup>	128	123	110	80	70	b	.....	.....	.....	.....	.....	1	
47 <sup>a</sup>	43 <sup>a</sup>	44 <sup>a</sup>	43 <sup>a</sup>	45 <sup>a</sup>	47 <sup>a</sup>	44 <sup>a</sup>	39 <sup>a</sup>	36 <sup>a</sup>	39 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	43 <sup>a</sup>	44 <sup>a</sup>	28 <sup>a</sup>	17 <sup>a</sup>	2	
50 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	20 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	15 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	32 <sup>a</sup>	27 <sup>a</sup>	9 <sup>a</sup>	7 <sup>a</sup>	3	
17 <sup>a</sup>	18 <sup>a</sup>	18 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	31 <sup>a</sup>	25 <sup>a</sup>	7 <sup>a</sup>	4 <sup>a</sup>	7 <sup>a</sup>	23 <sup>a</sup>	32 <sup>a</sup>	101 <sup>a</sup>	58 <sup>a</sup>	8 <sup>a</sup>	b	4	
28 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	31 <sup>a</sup>	35 <sup>a</sup>	35 <sup>a</sup>	39 <sup>a</sup>	40 <sup>a</sup>	48 <sup>a</sup>	55 <sup>a</sup>	56 <sup>a</sup>	60 <sup>a</sup>	67 <sup>a</sup>	73 <sup>a</sup>	5	
13 <sup>a</sup>	13 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	10 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	11 <sup>a</sup>	9 <sup>a</sup>	6	
3 <sup>a</sup>	7 <sup>a</sup>	6 <sup>a</sup>	6 <sup>d</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	
40 <sup>a</sup>	41 <sup>a</sup>	32 <sup>a</sup>	31 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
198	190	280	290	255	251	248	211	180	183	143	157	244	201	123	106		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
.....	.....	20	20	20	23	20 <sup>d</sup>	18	17	15	b	.....	.....	.....	.....	.....	1	
386 <sup>a</sup>	368 <sup>a</sup>	370 <sup>a</sup>	430 <sup>a</sup>	476 <sup>a</sup>	539 <sup>a</sup>	590 <sup>a</sup>	606 <sup>a</sup>	590 <sup>a</sup>	646 <sup>a</sup>	652 <sup>a</sup>	608 <sup>a</sup>	604 <sup>a</sup>	572 <sup>a</sup>	465 <sup>a</sup>	384 <sup>a</sup>	2	
.....	.....	.....	.....	.....	147 <sup>d</sup>	126 <sup>d</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	
63 <sup>a</sup>	63 <sup>a</sup>	54 <sup>a</sup>	31 <sup>a</sup>	40 <sup>a</sup>	54 <sup>a</sup>	62 <sup>a</sup>	61 <sup>a</sup>	73 <sup>a</sup>	96 <sup>a</sup>	291 <sup>a</sup>	683 <sup>a</sup>	653 <sup>a</sup>	439 <sup>a</sup>	196 <sup>a</sup>	104 <sup>a</sup>	4	
500 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	208 <sup>a</sup>	212 <sup>a</sup>	187 <sup>a</sup>	103 <sup>a</sup>	5	
949	581	594	631	686	913	948	835	830	907	1093	1421	1465	1223	828	591	6	



TABLE I. — MEMBERSHIP OF AMERICAN

Name of Union	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Transportation</b>											
1 Commercial Telegraphers.....							10 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	35 <sup>a</sup>
2 Locomotive Engineers.....	303	307	317	356	380	415	464	500	536	569	622
3 Locomotive Firemen.....	243	270	307	360	390	433	435	544	550	570	617
4 Longshoremen.....	50 <sup>a</sup>	80 <sup>a</sup>	130 <sup>a</sup>	200 <sup>a</sup>	250 <sup>a</sup>	347 <sup>a</sup>	400 <sup>a</sup>	500 <sup>a</sup>	478 <sup>a</sup>	340 <sup>a</sup>	320 <sup>a</sup>
5 Maintenance of Way Employees.....				30	38 <sup>a</sup>	46 <sup>a</sup>	87 <sup>a</sup>	123 <sup>a</sup>	120 <sup>a</sup>	120 <sup>a</sup>	132 <sup>a</sup>
6 Marine Engineers.....	39	40	49	60	69	73	87	97	95	96	101
7 Masters, Mates and Pilots.....											
8 Mechanical Trackmen.....											
9 Pavers.....									10 <sup>a</sup>	12 <sup>a</sup>	15 <sup>a</sup>
10 Paving Cutters.....					1 <sup>a</sup>	2 <sup>a</sup>	9 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	15 <sup>a</sup>	18 <sup>a</sup>
11 Pilots' Ass'n, Lake.....										10 <sup>a</sup>	<sup>b</sup>
12 Railroad Freight Handlers.....							48 <sup>a</sup>	33 <sup>a</sup>	34 <sup>a</sup>	32 <sup>a</sup>	63 <sup>a</sup>
13 Railroad Patrolmen.....											
14 Railroad Signalmen.....											
15 Railroad Station Agents.....											
16 Railroad Stationmen.....											
17 Railroad Station Employees.....											
18 Railroad Telegraphers.....			80 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	95 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>	150 <sup>a</sup>
19 Railroad Trainmen.....	254	313	372	432	463	550	622	745	785	869	1000
20 Railway Clerks.....				5 <sup>a</sup>	6 <sup>a</sup>	13	21	29	37	51	83
21 Railway Clerks, Ass'n.....							13 <sup>a</sup>	6 <sup>a</sup>	<sup>b</sup>		
22 Railway Conductors.....	207	219	253	248	259	279	313	334	357	384	414
23 Railway Express Messengers.....											
24 Railway Expressmen.....							14 <sup>a</sup>	3 <sup>a</sup>	<sup>b</sup>		
25 Railway Employees of N. A.....											
26 Seamen.....	40 <sup>a</sup>	40 <sup>a</sup>	40 <sup>a</sup>	42 <sup>a</sup>	82 <sup>a</sup>	99 <sup>a</sup>	139 <sup>a</sup>	201 <sup>a</sup>	195 <sup>a</sup>	194 <sup>a</sup>	248 <sup>a</sup>
27 Steam Shovelmen.....											
28 Sleeping Car Conductors.....											
29 Street and Electric Railway Employees.....	28 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	35 <sup>a</sup>	43 <sup>a</sup>	98 <sup>a</sup>	256 <sup>a</sup>	300 <sup>a</sup>	300 <sup>a</sup>	300 <sup>a</sup>	320 <sup>a</sup>
30 Switchmen.....										81 <sup>a</sup>	92 <sup>a</sup>
31 Teamsters.....			17 <sup>a</sup>	47 <sup>a</sup>	94 <sup>a</sup>	138 <sup>a</sup>	320 <sup>a</sup>	840 <sup>a</sup>	783 <sup>a</sup>	402 <sup>a</sup>	366 <sup>a</sup>
32 Tunnel Constructors.....											
<b>Total in Group.....</b>	<b>1164</b>	<b>1298</b>	<b>1575</b>	<b>1893</b>	<b>2160</b>	<b>2578</b>	<b>3393</b>	<b>4437</b>	<b>4463</b>	<b>4215</b>	<b>4601</b>
<b>Paper, Printing and Bookbinding</b>											
1 Bookbinders.....	20	26 <sup>a</sup>	28 <sup>a</sup>	36 <sup>a</sup>	53 <sup>a</sup>	70 <sup>a</sup>	81 <sup>a</sup>	65 <sup>a</sup>	66 <sup>a</sup>	68 <sup>a</sup>	89 <sup>a</sup>
2 Lithographers.....	15	16 <sup>b</sup>	17 <sup>b</sup>	18 <sup>b</sup>	20	23 <sup>a</sup>	27 <sup>a</sup>	30	30	30 <sup>a</sup>	23 <sup>a</sup>
3 Lithographic Press Feeders.....											
4 Lithographic Workmen.....											
5 Machine Printers.....							4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>
6 Paper Makers.....	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	4 <sup>a</sup>	18 <sup>a</sup>	41 <sup>a</sup>	107 <sup>a</sup>	88 <sup>a</sup>	50 <sup>a</sup>	35 <sup>a</sup>	31 <sup>a</sup>
7 Paper Box Workers.....								12 <sup>a</sup>	9 <sup>a</sup>	7 <sup>a</sup>	<sup>b</sup>
8 Photo Engravers.....				4	6	8	8	17 <sup>a</sup>	22 <sup>a</sup>	22 <sup>a</sup>	28 <sup>a</sup>
9 Poster Artists.....											
10 Print Cutters.....							3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>
11 Printing Pressmen.....	50 <sup>a</sup>	58 <sup>a</sup>	72 <sup>a</sup>	91 <sup>a</sup>	100 <sup>a</sup>	119 <sup>a</sup>	144 <sup>a</sup>	160 <sup>a</sup>	170 <sup>a</sup>	166 <sup>a</sup>	166 <sup>a</sup>
12 Pulp and Paper Mill Workers.....						25	45	45	45	45	45
13 Steel Plate Engravers.....											
14 Steel Plate Printers.....	6	4 <sup>a</sup>	4 <sup>a</sup>	6 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	9 <sup>a</sup>	10 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>
15 Steel Plate Transferers.....										1 <sup>a</sup>	1 <sup>a</sup>
16 Stereotypers and Electrotypers.....						18 <sup>a</sup>	21 <sup>a</sup>	24 <sup>a</sup>	28 <sup>a</sup>	28 <sup>a</sup>	29 <sup>a</sup>
17 Tip Printers.....							2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	1 <sup>a</sup>
18 Typographical Union.....	231 <sup>a</sup>	236 <sup>a</sup>	306 <sup>a</sup>	321 <sup>a</sup>	349 <sup>a</sup>	388 <sup>a</sup>	424 <sup>a</sup>	462 <sup>a</sup>	467 <sup>a</sup>	450 <sup>a</sup>	423 <sup>a</sup>
19 Wall Paper Crafts.....											
<b>Total in Group.....</b>	<b>379</b>	<b>391</b>	<b>428</b>	<b>480</b>	<b>553</b>	<b>697</b>	<b>875</b>	<b>922</b>	<b>908</b>	<b>875</b>	<b>857</b>

TRADE UNIONS, 1897-1923 — Continued

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	
19 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	20 <sup>a</sup>	22 <sup>a</sup>	32 <sup>a</sup>	34 <sup>a</sup>	26 <sup>a</sup>	1
629	637	674	699	719	739	758	737	789	752	808	831	869	878	861	874	2
665	652	692	768	853	911	868	831	939	1030	1134	1233	1259	1122	1073	1180	3
315 <sup>a</sup>	213 <sup>a</sup>	208 <sup>a</sup>	250 <sup>a</sup>	235 <sup>a</sup>	220 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	255 <sup>a</sup>	260 <sup>a</sup>	313 <sup>a</sup>	740 <sup>a</sup>	641 <sup>a</sup>	463 <sup>a</sup>	343 <sup>a</sup>	4
135 <sup>a</sup>	100 <sup>a</sup>	87 <sup>a</sup>	100 <sup>a</sup>	91 <sup>a</sup>	80 <sup>a</sup>	65 <sup>a</sup>	81 <sup>a</sup>	89 <sup>a</sup>	97 <sup>a</sup>	56 <sup>a</sup>	542 <sup>a</sup>	501 <sup>a</sup>	460 <sup>a</sup>	419 <sup>a</sup>	377 <sup>a</sup>	5
109	109	100	100	95	99	91	91	93	105	79 <sup>a</sup>	123 <sup>a</sup>	170 <sup>a</sup>	211 <sup>a</sup>	190 <sup>a</sup>	111	6
.....	.....	60	60	60 <sup>a</sup>	60 <sup>a</sup>	50 <sup>a</sup>	45	40 <sup>a</sup>	43 <sup>a</sup>	48 <sup>a</sup>	62 <sup>a</sup>	71 <sup>a</sup>	91 <sup>a</sup>	55 <sup>a</sup>	41 <sup>a</sup>	7
.....	.....	.....	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	17 <sup>a</sup>	18 <sup>a</sup>	19 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	9
20 <sup>a</sup>	26 <sup>a</sup>	32 <sup>a</sup>	32 <sup>a</sup>	35 <sup>a</sup>	35 <sup>a</sup>	35 <sup>a</sup>	35 <sup>a</sup>	33 <sup>a</sup>	32 <sup>a</sup>	32 <sup>a</sup>	26 <sup>a</sup>	26 <sup>a</sup>	24 <sup>a</sup>	24 <sup>a</sup>	24 <sup>a</sup>	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
78 <sup>a</sup>	46 <sup>a</sup>	47 <sup>a</sup>	40 <sup>a</sup>	25 <sup>a</sup>	10 <sup>a</sup>	29 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26 <sup>a</sup>	16 <sup>a</sup>	9 <sup>a</sup>	.....	13
.....	.....	12	8	10 <sup>d</sup>	8 <sup>d</sup>	7 <sup>ad</sup>	8 <sup>a</sup>	9 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	62 <sup>a</sup>	123 <sup>a</sup>	113 <sup>a</sup>	105 <sup>a</sup>	89 <sup>a</sup>	14
.....	.....	6	6	5	5	11 <sup>d</sup>	35	35	40	45	50	88	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	22	26	28	35 <sup>d</sup>	43 <sup>d</sup>	134	187	222	294	327	352	300	270	210	17
150 <sup>a</sup>	150 <sup>a</sup>	200 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	250 <sup>a</sup>	272 <sup>a</sup>	377 <sup>a</sup>	446 <sup>a</sup>	780 <sup>a</sup>	780 <sup>a</sup>	870 <sup>a</sup>	680 <sup>a</sup>	18
1007	1027	1139	1191	1243	1338	1261	1306	1432	1691	1814	1969	1840	1773	1698	1789	19
91	56 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	50 <sup>a</sup>	51 <sup>a</sup>	68 <sup>a</sup>	172 <sup>a</sup>	714 <sup>a</sup>	1860 <sup>a</sup>	1696 <sup>a</sup>	1378 <sup>a</sup>	961 <sup>a</sup>	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
224	438	490	474	479	492	491	485	481	437	503	524	550	580	520	600	22
.....	.....	.....	.....	2 <sup>a</sup>	1 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200 <sup>b</sup>	360 <sup>b</sup>	.....	.....	25
255 <sup>a</sup>	168 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	217 <sup>a</sup>	322 <sup>a</sup>	371 <sup>a</sup>	427 <sup>a</sup>	659 <sup>a</sup>	1033 <sup>a</sup>	492 <sup>a</sup>	179 <sup>a</sup>	26
.....	.....	13	14	16	18	18	27 <sup>a</sup>	20 <sup>a</sup>	29 <sup>a</sup>	37 <sup>a</sup>	60	80	98	101	112	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12 <sup>a</sup>	25 <sup>a</sup>	26 <sup>a</sup>	23 <sup>a</sup>	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
320 <sup>a</sup>	333 <sup>a</sup>	367 <sup>a</sup>	393 <sup>a</sup>	402 <sup>a</sup>	457 <sup>a</sup>	545 <sup>a</sup>	589 <sup>a</sup>	646 <sup>a</sup>	737 <sup>a</sup>	786 <sup>a</sup>	897 <sup>a</sup>	987 <sup>a</sup>	1000 <sup>a</sup>	1000 <sup>a</sup>	1000 <sup>a</sup>	30
93 <sup>a</sup>	80 <sup>a</sup>	80 <sup>a</sup>	87 <sup>a</sup>	87 <sup>a</sup>	96 <sup>a</sup>	98 <sup>a</sup>	90 <sup>a</sup>	93 <sup>a</sup>	102 <sup>a</sup>	107 <sup>a</sup>	118 <sup>a</sup>	140 <sup>a</sup>	101 <sup>a</sup>	88 <sup>a</sup>	87 <sup>a</sup>	31
377 <sup>a</sup>	320 <sup>a</sup>	358 <sup>a</sup>	382 <sup>a</sup>	415 <sup>a</sup>	469 <sup>a</sup>	511 <sup>a</sup>	516 <sup>a</sup>	590 <sup>a</sup>	703 <sup>a</sup>	729 <sup>a</sup>	756 <sup>a</sup>	1108 <sup>a</sup>	1057 <sup>a</sup>	764 <sup>a</sup>	727 <sup>a</sup>	32
.....	.....	13 <sup>a</sup>	17 <sup>a</sup>	18 <sup>a</sup>	19 <sup>a</sup>	17 <sup>a</sup>	15 <sup>a</sup>	27 <sup>a</sup>	34 <sup>a</sup>	24 <sup>a</sup>	20 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	33
4702	4380	4805	5131	5303	5573	5617	5760	6233	6954	7773	9588	12561	12399	10390	9483	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79 <sup>a</sup>	71 <sup>a</sup>	78 <sup>a</sup>	79 <sup>a</sup>	85 <sup>a</sup>	91 <sup>a</sup>	94 <sup>a</sup>	85 <sup>a</sup>	93 <sup>a</sup>	114 <sup>a</sup>	145 <sup>a</sup>	164 <sup>a</sup>	207 <sup>a</sup>	247 <sup>a</sup>	163 <sup>a</sup>	129 <sup>a</sup>	1
11 <sup>a</sup>	13 <sup>a</sup>	17 <sup>a</sup>	21 <sup>a</sup>	24 <sup>a</sup>	26 <sup>a</sup>	28 <sup>a</sup>	35 <sup>a</sup>	42 <sup>a</sup>	46 <sup>a</sup>	49 <sup>a</sup>	56 <sup>a</sup>	61 <sup>a</sup>	72 <sup>a</sup>	76 <sup>a</sup>	63 <sup>a</sup>	2
.....	10 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	9 <sup>a</sup>	10 <sup>a</sup>	10	4	4	4	4	.....	.....	.....	.....	.....	3
.....	.....	3	3	4	5	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>	5
43 <sup>a</sup>	10 <sup>a</sup>	16 <sup>a</sup>	24 <sup>a</sup>	28 <sup>a</sup>	40 <sup>a</sup>	44 <sup>a</sup>	45 <sup>a</sup>	52 <sup>a</sup>	64 <sup>a</sup>	60 <sup>a</sup>	57 <sup>a</sup>	74 <sup>a</sup>	107 <sup>a</sup>	83 <sup>a</sup>	70 <sup>a</sup>	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
29 <sup>a</sup>	32 <sup>a</sup>	35 <sup>a</sup>	37 <sup>a</sup>	40 <sup>a</sup>	44 <sup>a</sup>	47 <sup>a</sup>	48 <sup>a</sup>	51 <sup>a</sup>	51 <sup>a</sup>	51 <sup>a</sup>	50 <sup>a</sup>	59 <sup>a</sup>	65 <sup>a</sup>	65 <sup>a</sup>	65 <sup>a</sup>	8
.....	.....	3	3	3	3	4	4	4	4	4	4	4	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	9
4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	10
172 <sup>a</sup>	178 <sup>a</sup>	186 <sup>a</sup>	190 <sup>a</sup>	190 <sup>a</sup>	190 <sup>a</sup>	193 <sup>a</sup>	227 <sup>a</sup>	290 <sup>a</sup>	330 <sup>a</sup>	340 <sup>a</sup>	340 <sup>a</sup>	350 <sup>a</sup>	370 <sup>a</sup>	370 <sup>a</sup>	370 <sup>a</sup>	11
45	10 <sup>a</sup>	7 <sup>a</sup>	28 <sup>a</sup>	35 <sup>a</sup>	31 <sup>a</sup>	35 <sup>a</sup>	43 <sup>a</sup>	44 <sup>a</sup>	65 <sup>a</sup>	80 <sup>a</sup>	84 <sup>a</sup>	95 <sup>a</sup>	113 <sup>a</sup>	68 <sup>a</sup>	46 <sup>a</sup>	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
12 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	13 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	13 <sup>a</sup>	13 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	12 <sup>a</sup>	13 <sup>a</sup>	14 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	12 <sup>a</sup>	14
1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	15
31 <sup>a</sup>	35 <sup>a</sup>	40 <sup>a</sup>	42 <sup>a</sup>	43 <sup>a</sup>	45 <sup>a</sup>	45 <sup>a</sup>	49 <sup>a</sup>	49 <sup>a</sup>	52 <sup>a</sup>	53 <sup>a</sup>	54 <sup>a</sup>	59 <sup>a</sup>	61 <sup>a</sup>	60 <sup>a</sup>	62 <sup>a</sup>	16
2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
437 <sup>a</sup>	449 <sup>a</sup>	478 <sup>a</sup>	511 <sup>a</sup>	538 <sup>a</sup>	566 <sup>a</sup>	585 <sup>a</sup>	591 <sup>a</sup>	607 <sup>a</sup>	616 <sup>a</sup>	633 <sup>a</sup>	647 <sup>a</sup>	705 <sup>a</sup>	748 <sup>a</sup>	689 <sup>a</sup>	681 <sup>a</sup>	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7 <sup>a</sup>	19
871	832	897	972	1023	1066	1113	1156	1261	1372	1444	1480	1640	1816	1605	1511	

TABLE I. — MEMBERSHIP OF AMERICAN

Name of Union	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Theatres and Music</b>											
1 Actors and Artists .....											
2 Actors' Protective Union.....					3 <sup>a</sup>	5 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>
3 Musical and Theatrical Union.....											
4 Musicians.....	46 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>	62 <sup>a</sup>	81 <sup>a</sup>	97 <sup>a</sup>	140 <sup>a</sup>	220 <sup>a</sup>	308 <sup>a</sup>	354 <sup>a</sup>	375 <sup>a</sup>
5 Theatrical Stage Employees.....	20 <sup>a</sup>	23 <sup>a</sup>	30 <sup>a</sup>	30 <sup>a</sup>	38 <sup>a</sup>	44 <sup>a</sup>	45 <sup>a</sup>	50 <sup>a</sup>	55 <sup>a</sup>	60 <sup>a</sup>	60 <sup>a</sup>
6 White Rats Actors' Union.....					5	1	1	1	1	1	6
Total in Group.....	66	83	90	92	127	147	197	282	375	426	452
<b>Chemical, Clay, Glass and Stone</b>											
1 Brick and Tile Workers.....	8 <sup>a</sup>	5 <sup>a</sup>	10 <sup>a</sup>	14 <sup>a</sup>	17 <sup>a</sup>	41 <sup>a</sup>	55 <sup>a</sup>	73 <sup>a</sup>	41 <sup>a</sup>	64 <sup>a</sup>	43 <sup>a</sup>
2 Flint Glass Workers.....	72 <sup>a</sup>	71 <sup>a</sup>	71 <sup>a</sup>	80 <sup>a</sup>	91 <sup>a</sup>	69 <sup>a</sup>	69	69	69	69	69
3 Glass Bottle Blowers.....	40	40	42 <sup>a</sup>	42 <sup>a</sup>	47 <sup>a</sup>	59 <sup>a</sup>	61 <sup>a</sup>	66 <sup>a</sup>	70 <sup>a</sup>	78 <sup>a</sup>	80 <sup>a</sup>
4 Glass Flatteners.....		5 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>							
5 Glass House Employees.....							6 <sup>a</sup>	6 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	<sup>b</sup>
6 Glass Workers, Amal.....				2 <sup>a</sup>	3 <sup>a</sup>	7 <sup>a</sup>	20 <sup>a</sup>	17 <sup>a</sup>	17 <sup>a</sup>	16 <sup>a</sup>	14 <sup>a</sup>
7 Granite Cutters.....	45 <sup>a</sup>	46 <sup>a</sup>	48 <sup>a</sup>	59 <sup>a</sup>	70 <sup>a</sup>	82 <sup>a</sup>	94 <sup>a</sup>	99 <sup>a</sup>	103 <sup>a</sup>	113 <sup>a</sup>	126 <sup>a</sup>
8 Potters, Operative.....	6	8	13 <sup>a</sup>	22 <sup>a</sup>	29 <sup>a</sup>	49 <sup>a</sup>	61 <sup>a</sup>	58 <sup>a</sup>	56 <sup>a</sup>	56 <sup>a</sup>	58 <sup>a</sup>
9 Potters.....	2 <sup>a</sup>	2 <sup>a</sup>				<sup>b</sup>					
10 Powder Workers.....						4 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	5 <sup>a</sup>	6 <sup>a</sup>	5 <sup>a</sup>
11 Stone Cutters.....	60	66	70	75	75	80	80	80	80	80	85 <sup>a</sup>
12 Stoneware Potters.....	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>	1 <sup>a</sup>			<sup>b</sup>				
13 Window Glass Cutters.....		8 <sup>a</sup>	8 <sup>a</sup>								
14 Window Glass Snappers.....							9 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	10 <sup>a</sup>	6 <sup>a</sup>
15 Window Glass Workers.....									58	57 <sup>a</sup>	68 <sup>a</sup>
Total in Group.....	233	251	269	301	332	391	462	486	513	551	552
<b>Miscellaneous</b>											
1 Barbers.....	22 <sup>a</sup>	30 <sup>a</sup>	40 <sup>a</sup>	69 <sup>a</sup>	116 <sup>a</sup>	160 <sup>a</sup>	203 <sup>a</sup>	236 <sup>a</sup>	227 <sup>a</sup>	231 <sup>a</sup>	241 <sup>a</sup>
2 Bill Posters.....							10 <sup>a</sup>	13 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>
3 Broommakers.....	1 <sup>a</sup>	1 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	8 <sup>a</sup>	9 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	10 <sup>a</sup>	10 <sup>a</sup>	9 <sup>a</sup>
4 Brushmakers.....								7 <sup>a</sup>	7 <sup>a</sup>	5 <sup>a</sup>	5 <sup>a</sup>
5 Fur Work, Assn.....								3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>
6 Fur Workers.....											
7 Horse Shoers.....	20 <sup>a</sup>	20 <sup>a</sup>	20 <sup>a</sup>	21 <sup>a</sup>	23 <sup>a</sup>	28 <sup>a</sup>	44 <sup>a</sup>	42 <sup>a</sup>	42 <sup>a</sup>	41 <sup>a</sup>	44 <sup>a</sup>
8 I. W. W. (Chicago).....									143	104	67
9 I. W. W. (Detroit).....											
10 Laundry Workers.....					21 <sup>a</sup>	42 <sup>a</sup>	80 <sup>a</sup>	65 <sup>a</sup>	46 <sup>a</sup>	55 <sup>a</sup>	31 <sup>a</sup>
11 Lobster Fishermen.....											6 <sup>a</sup>
12 Mattress Workers.....								15 <sup>a</sup>	15 <sup>a</sup>	<sup>b</sup>	
13 Oil and Gas Well Workers.....				4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	4 <sup>a</sup>	<sup>b</sup>	
14 Rubber Workers.....							10 <sup>a</sup>	2 <sup>a</sup>	1 <sup>a</sup>	<sup>c</sup>	
15 Stationary Firemen.....			11 <sup>a</sup>	24 <sup>a</sup>	41 <sup>a</sup>	62 <sup>a</sup>	143 <sup>a</sup>	180 <sup>a</sup>	122 <sup>a</sup>	123 <sup>a</sup>	125 <sup>a</sup>
16 Steam Engineers.....	7 <sup>a</sup>	12 <sup>a</sup>	18 <sup>a</sup>	27 <sup>a</sup>	48 <sup>a</sup>	65 <sup>a</sup>	142 <sup>a</sup>	176 <sup>a</sup>	175 <sup>a</sup>	175 <sup>a</sup>	175 <sup>a</sup>
17 Trade and Federal Unions (A. F. of L.).....	142 <sup>a</sup>	146 <sup>a</sup>	163 <sup>a</sup>	349 <sup>a</sup>	469 <sup>a</sup>	678 <sup>a</sup>	828 <sup>a</sup>	553 <sup>a</sup>	1046 <sup>a</sup>	759 <sup>a</sup>	713 <sup>a</sup>
Total in Group.....	192	209	255	498	731	1047	1480	1307	1856	1521	1434
Total in All Groups.....	4470	5007	6110	8685	11247	13759	19139	20727	20223	19587	21228

NOTES TO TABLE I

<sup>a</sup> Affiliated with the American Federation of Labor.

<sup>b</sup> Union disbanded or amalgamated with another union or withdrawn.

<sup>c</sup> Average of preceding and following year.

<sup>d</sup> From the New York Labor Bulletin.

<sup>e</sup> Union suspended or not recognized by American Federation of Labor, or charter surrendered or revoked.

<sup>f</sup> No figures published. The number reported by the Canadian Department of Labour seems to be inaccurate.

<sup>g</sup> The union now reports for 1911-1912, 7,000 members.

<sup>h</sup> Estimated.

<sup>i</sup> Refused to give figures for later years.

<sup>j</sup> This union does not deem it a wise policy to

TRADE UNIONS, 1897-1923 — *Continued*

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923		
.....	.....	.....	.....	.....	.....	.....	87 <sup>a</sup>	90 <sup>a</sup>	30 <sup>an</sup>	37 <sup>an</sup>	40 <sup>an</sup>	80 <sup>an</sup>	180 <sup>an</sup>	187 <sup>an</sup>	180 <sup>an</sup>	1	
11 <sup>a</sup>	11 <sup>a</sup>	11 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
.....	.....	80	30	50 <sup>d</sup>	35 <sup>d</sup>	60 <sup>d</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	
375 <sup>a</sup>	394 <sup>a</sup>	400 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	546 <sup>a</sup>	600 <sup>a</sup>	600 <sup>a</sup>	600 <sup>a</sup>	604 <sup>a</sup>	650 <sup>a</sup>	654 <sup>a</sup>	700 <sup>a</sup>	746 <sup>a</sup>	750 <sup>a</sup>	750 <sup>a</sup>	4	
62 <sup>a</sup>	80 <sup>a</sup>	91 <sup>a</sup>	98 <sup>a</sup>	110 <sup>a</sup>	132 <sup>a</sup>	150 <sup>a</sup>	180 <sup>a</sup>	181 <sup>a</sup>	186 <sup>a</sup>	186 <sup>a</sup>	185 <sup>a</sup>	196 <sup>a</sup>	194 <sup>a</sup>	195 <sup>a</sup>	196 <sup>a</sup>	5	
80	40	80	60 <sup>a</sup>	110 <sup>a</sup>	110 <sup>a</sup>	110 <sup>a</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	
468	525	602	694	770	823	920	867	871	820	873	879	986	1060	1072	1076		
28 <sup>a</sup>	25 <sup>a</sup>	38 <sup>a</sup>	34 <sup>a</sup>	34 <sup>a</sup>	39 <sup>a</sup>	32 <sup>a</sup>	29 <sup>a</sup>	32 <sup>a</sup>	28 <sup>a</sup>	25 <sup>a</sup>	27 <sup>a</sup>	52 <sup>a</sup>	54 <sup>a</sup>	41 <sup>a</sup>	48 <sup>a</sup>	1	
70	81	89	89 <sup>d</sup>	87 <sup>d</sup>	91 <sup>a</sup>	99 <sup>a</sup>	94 <sup>a</sup>	94 <sup>a</sup>	98 <sup>a</sup>	99 <sup>a</sup>	95 <sup>a</sup>	99 <sup>a</sup>	97 <sup>a</sup>	87 <sup>a</sup>	81 <sup>a</sup>	2	
88 <sup>a</sup>	93 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	97 <sup>a</sup>	70 <sup>a</sup>	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
12 <sup>a</sup>	11 <sup>a</sup>	12 <sup>a</sup>	12 <sup>a</sup>	11 <sup>a</sup>	13 <sup>a</sup>	12 <sup>a</sup>	11 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	6	
130 <sup>a</sup>	131 <sup>a</sup>	134 <sup>a</sup>	135 <sup>a</sup>	135 <sup>a</sup>	135 <sup>a</sup>	135 <sup>a</sup>	135 <sup>a</sup>	131 <sup>a</sup>	125 <sup>a</sup>	119 <sup>a</sup>	107 <sup>a</sup>	105 <sup>a</sup>	105 <sup>a</sup>	100 <sup>a</sup>	95 <sup>a</sup>	7	
59 <sup>a</sup>	59 <sup>a</sup>	58 <sup>a</sup>	59 <sup>a</sup>	65 <sup>a</sup>	65 <sup>a</sup>	77 <sup>a</sup>	78 <sup>a</sup>	77 <sup>a</sup>	76 <sup>a</sup>	78 <sup>a</sup>	74 <sup>a</sup>	80 <sup>a</sup>	91 <sup>a</sup>	92 <sup>a</sup>	91 <sup>a</sup>	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
5 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	3 <sup>a</sup>	3 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	3 <sup>a</sup>	10	
83 <sup>a</sup>	89 <sup>a</sup>	80 <sup>a</sup>	86 <sup>a</sup>	89 <sup>a</sup>	66 <sup>a</sup>	60 <sup>a</sup>	44 <sup>a</sup>	43 <sup>a</sup>	41 <sup>a</sup>	42 <sup>a</sup>	39 <sup>a</sup>	40 <sup>a</sup>	44 <sup>a</sup>	46 <sup>a</sup>	49 <sup>a</sup>	11	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	
10	14	18 <sup>d</sup>	15 <sup>d</sup>	12 <sup>d</sup>	12 <sup>d</sup>	22 <sup>d</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	
67 <sup>h</sup>	69 <sup>h</sup>	70 <sup>d</sup>	62 <sup>d</sup>	60 <sup>d</sup>	40 <sup>d</sup>	39 <sup>d</sup>	38	41	46	43 <sup>a</sup>	37 <sup>a</sup>	38 <sup>a</sup>	38 <sup>a</sup>	38 <sup>a</sup>	16 <sup>a</sup>	15	
552	574	601	594	595	563	578	531	521	517	510	482	517	531	497	453		
255 <sup>a</sup>	255 <sup>a</sup>	265 <sup>a</sup>	285 <sup>a</sup>	299 <sup>a</sup>	318 <sup>a</sup>	343 <sup>a</sup>	341 <sup>a</sup>	359 <sup>a</sup>	398 <sup>a</sup>	384 <sup>a</sup>	359 <sup>a</sup>	442 <sup>a</sup>	470 <sup>a</sup>	452 <sup>a</sup>	432 <sup>a</sup>	1	
14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	14 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	16 <sup>a</sup>	2	
8 <sup>a</sup>	8 <sup>a</sup>	6 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	8 <sup>a</sup>	7 <sup>a</sup>	7 <sup>a</sup>	10 <sup>a</sup>	14 <sup>a</sup>	12 <sup>a</sup>	8 <sup>a</sup>	7 <sup>a</sup>	3	
4 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	b	.....	.....	.....	.....	4	
4 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
.....	.....	.....	.....	.....	.....	.....	3 <sup>a</sup>	37 <sup>a</sup>	57 <sup>a</sup>	81 <sup>a</sup>	100 <sup>a</sup>	103 <sup>a</sup>	121 <sup>a</sup>	45 <sup>a</sup>	47 <sup>a</sup>	92 <sup>a</sup>	6
61 <sup>a</sup>	72 <sup>a</sup>	72 <sup>a</sup>	49 <sup>a</sup>	52 <sup>a</sup>	53 <sup>a</sup>	57 <sup>a</sup>	57 <sup>a</sup>	58 <sup>a</sup>	54 <sup>a</sup>	54 <sup>a</sup>	54 <sup>a</sup>	54 <sup>a</sup>	54 <sup>a</sup>	25 <sup>a</sup>	20 <sup>a</sup>	7	
182	107	91	183	183	143	120	o	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	35	107	50	20	o	.....	.....	.....	.....	.....	.....	.....	.....	9	
40 <sup>a</sup>	35 <sup>a</sup>	29 <sup>a</sup>	26 <sup>a</sup>	26 <sup>a</sup>	26 <sup>a</sup>	28 <sup>a</sup>	41 <sup>a</sup>	43 <sup>a</sup>	46 <sup>a</sup>	55 <sup>a</sup>	60 <sup>a</sup>	67 <sup>a</sup>	70 <sup>a</sup>	65 <sup>a</sup>	55 <sup>a</sup>	10	
6 <sup>a</sup>	b	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45 <sup>a</sup>	209 <sup>a</sup>	248 <sup>a</sup>	61 <sup>a</sup>	25 <sup>a</sup>	13	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	
173 <sup>a</sup>	107 <sup>a</sup>	81 <sup>a</sup>	80 <sup>a</sup>	114 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	170 <sup>a</sup>	170 <sup>a</sup>	171 <sup>a</sup>	205 <sup>a</sup>	296 <sup>a</sup>	350 <sup>a</sup>	250 <sup>a</sup>	125 <sup>a</sup>	15	
163 <sup>a</sup>	161 <sup>a</sup>	160 <sup>a</sup>	160 <sup>a</sup>	177 <sup>a</sup>	200 <sup>a</sup>	203 <sup>a</sup>	210 <sup>a</sup>	210 <sup>a</sup>	220 <sup>a</sup>	230 <sup>a</sup>	250 <sup>a</sup>	320 <sup>a</sup>	320 <sup>a</sup>	320 <sup>a</sup>	271 <sup>a</sup>	16	
616 <sup>a</sup>	608 <sup>a</sup>	647 <sup>a</sup>	680 <sup>a</sup>	590 <sup>a</sup>	659 <sup>a</sup>	570 <sup>a</sup>	480 <sup>a</sup>	705 <sup>a</sup>	1016 <sup>a</sup>	1076 <sup>a</sup>	1091 <sup>a</sup>	1498 <sup>a</sup>	1027 <sup>a</sup>	747 <sup>a</sup>	581 <sup>a</sup>	17	
1481	1371	1369	1466	1571	1632	1532	1358	1627	2009	2095	2198	3037	2612	1991	1624		
21300	20474	21842	23828	24835	27534	27169	26077	28080	31046	35084	41691	51108	48150	40594	37800		

NOTES TO TABLE I—*Continued*

publish its membership figures for these years. The membership has therefore been estimated by the process of simple interpolation on the assumption that the fall in membership in 1919 to 1923 was a gradual one. This assumption is probably contrary to the facts in that the fall from 1920 to 1921 was more precipitate. But in the absence of the data no other assumption can be used.

<sup>a</sup> From the Canadian Department of Labour, *Report on Labour Organizations*.  
<sup>b</sup> Amalgamated to form the United Wall Paper Crafts.  
<sup>c</sup> Sometimes called Shingle Weavers.  
<sup>d</sup> The source of these figures is the Actors' Equity Association.  
<sup>e</sup> Figures not available for later years.

TABLE II. — MEMBERSHIP OF AFFILIATED AND

(00's)

Group	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Mining and Quarrying</b>											
Affiliated.....	129	340	629	1167	1994	1768	2512	2548	2699	2367	2678
Independent.....	80	100	120	140	177	196	283	241	263	286	442
Total.....	209	440	749	1307	2171	1964	2795	2789	2962	2653	3120
<b>Building Trades</b>											
Affiliated.....	405	436	661	1134	1478	1968	3096	3194	2998	3200	3524
Independent.....	268	302	307	397	438	666	596	722	729	693	808
Total.....	673	738	968	1531	1916	2634	3692	3916	3727	3893	4332
<b>Metal, Machinery and Shipbuilding</b>											
Affiliated.....	467	450	576	775	985	1252	1830	1927	1466	1599	1763
Independent.....	34	12	13	34	53	121	222	206	189	274	360
Total.....	501	462	589	809	1038	1373	2052	2133	1655	1873	2123
<b>Textile</b>											
Affiliated.....	56	55	49	65	60	139	185	141	134	135	145
Independent.....	25	30	20	15	10	8	7	7	7	8	12
Total.....	81	85	69	80	70	147	192	148	141	143	157
<b>Clothing</b>											
Affiliated.....	146	151	151	223	339	589	770	776	623	538	650
Independent.....	0	0	0	26	38	0	0	0	0	0	0
Total.....	146	151	151	249	377	589	770	776	623	538	650
<b>Leather</b>											
Affiliated.....	126	98	53	71	126	215	397	406	383	380	377
Independent.....	26	26	27	25	25	25	25	25	25	25	25
Total.....	152	124	80	96	151	240	422	431	408	405	402
<b>Transportation</b>											
Affiliated.....	118	150	297	409	556	810	1391	2188	2103	1676	1759
Independent.....	1046	1148	1278	1484	1604	1768	2002	2249	2360	2539	2842
Total.....	1164	1298	1575	1893	2160	2578	3393	4437	4463	4215	4601
<b>Paper, Printing and Bookbinding</b>											
Affiliated.....	332	375	411	458	527	641	795	847	833	830	812
Independent.....	47	16	17	22	26	56	80	75	75	45	45
Total.....	379	391	428	480	553	697	875	922	908	875	857

INDEPENDENT NATIONAL TRADE UNIONS, 1897-1923

omitted)

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
2592 305 2897	2718 353 3071	2378 371 2749	3107 0 3107	3429 0 3429	4315 0 4315	3802 0 3802	3322 0 3322	3376 0 3376	3734 0 3734	4332 0 4332	4146 0 4146	4177 0 4177	4449 0 4449	3805 0 3805	4154 0 4154
3658 788 4446	3652 607 4259	3908 682 4590	3960 828 4788	3911 1180 5091	4375 1158 5533	4497 923 5420	4457 870 5327	4711 818 5529	5905 160 6065	7006 0 7006	8018 0 8018	8879 0 8879	8691 0 8691	8263 0 8263	8444 0 8444
1722 279 2001	1563 215 1778	1909 54 1963	2039 64 2103	1921 122 2043	2028 161 2189	2101 158 2259	2078 164 2242	2467 204 2671	2872 225 3097	3702 260 3962	5768 407 6175	7984 604 8588	7213 70 7283	4987 70 5057	3523 60 3583
160 12 172	131 13 144	131 79 210	132 81 213	142 84 226	196 95 291	215 84 299	224 0 224	289 0 289	406 0 406	494 0 494	590 8 598	1050 441 1491	830 52 882	301 68 369	301 74 375
729 0 729	803 0 803	972 4 976	1448 5 1453	1301 5 1306	1633 6 1639	1563 7 1570	1320 380 1700	1559 480 2039	1573 570 2143	1572 904 2476	1592 1535 3127	1748 1876 3624	1655 1530 3185	1653 1400 3053	1624 1460 3084
373 25 398	373 25 398	376 82 468	367 129 496	368 192 560	371 170 547	408 172 580	383 145 528	418 190 608	428 300 728	399 350 749	435 600 1035	584 545 1129	490 472 962	436 466 902	419 312 731
1777 2925 4702	1517 2863 4380	1627 3178 4805	1786 3345 5131	1795 3508 5303	1872 3701 5573	2043 3574 5617	2097 3663 5760	2340 3893 6233	2727 4227 6954	3114 4659 7773	4549 5039 9588	6773 5788 12561	6810 5589 12399	5348 5042 10390	4607 4876 9483
826 45 871	832 0 832	891 6 897	966 6 972	1016 7 1023	1058 8 1066	1094 19 1113	1146 10 1156	1253 8 1261	1364 8 1372	1436 8 1444	1476 4 1480	1636 4 1640	1812 4 1816	1601 4 1605	1507 4 1511

TABLE II. — MEMBERSHIP OF AFFILIATED AND INDEPENDENT

(00's)

Group	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
<b>Lumber and Woodworking</b>											
Affiliated.....	48	84	112	195	241	341	479	516	419	359	270
Independent.....	7	33	47	61	77	0	0	0	0	0	0
Total.....	55	117	159	256	318	341	479	516	419	359	270
<b>Chemical, Clay, Glass and Stone</b>											
Affiliated.....	128	138	199	226	257	311	313	337	306	402	483
Independent.....	105	113	70	75	75	80	149	149	207	149	69
Total.....	233	251	269	301	332	391	462	486	513	551	552
<b>Food, Liquor and Tobacco</b>											
Affiliated.....	444	454	494	659	719	846	970	1012	979	982	648
Independent.....	0	0	0	0	0	0	0	0	0	0	400
Total.....	444	454	494	659	719	846	970	1012	979	982	1048
<b>Restaurant and Trade</b>											
Affiliated.....	64	92	121	280	408	575	1144	1338	949	895	916
Independent.....	0	0	0	0	0	0	0	0	0	0	0
Total.....	64	92	121	280	408	575	1144	1338	949	895	916
<b>Theatres and Music</b>											
Affiliated.....	66	83	90	92	122	146	196	281	374	425	446
Independent.....	0	0	0	0	5	1	1	1	1	1	6
Total.....	66	83	90	92	127	147	197	282	375	426	452
<b>Public Service</b>											
Affiliated.....	0	0	0	0	0	0	0	0	0	0	9
Independent.....	111	112	113	154	176	190	216	234	245	258	305
Total.....	111	112	113	154	176	190	216	234	245	258	314
<b>Miscellaneous</b>											
Affiliated.....	192	209	255	498	731	1047	1480	1307	1713	1417	1367
Independent.....	0	0	0	0	0	0	0	0	143	104	67
Total.....	192	209	255	498	731	1047	1480	1307	1856	1521	1434
Total Affiliated.....	2721	3115	4098	6252	8543	10648	15558	16818	15979	15205	15847
Total Independent.....	1749	1892	2012	2433	2704	3111	3581	3909	4244	4382	5381
Grand Total.....	4470	5007	6110	8685	11247	13759	19139	20727	20223	19587	21228

NATIONAL TRADE UNIONS, 1897-1923 — *Continued*

omitted)

1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
198	190	180	174	118	129	125	101	100	113	143	157	244	201	123	106
0	0	100	116	137	122	123	110	80	70	0	0	0	0	0	0
198	190	280	290	255	251	248	211	180	183	143	157	244	201	123	106
405	410	424	428	436	511	517	493	480	471	510	482	517	531	497	453
147	164	177	166	159	52	61	38	41	46	0	0	0	0	0	0
552	574	801	594	595	563	578	531	521	517	510	482	517	531	497	453
1055	1125	1139	1211	1293	1322	1355	1111	1082	1087	1082	1015	1156	1018	792	723
0	0	15	18	15	15	14	0	0	0	0	0	0	120	140	140
1055	1125	1154	1229	1308	1337	1369	1111	1082	1087	1082	1015	1156	1138	932	863
949	581	574	611	666	743	802	817	813	892	1093	1421	1465	1223	828	591
0	0	20	20	20	170	146	18	17	15	0	0	0	0	0	0
949	581	594	631	686	913	948	835	830	907	1093	1421	1465	1223	828	591
448	485	502	664	720	788	860	867	871	820	873	879	986	1060	1072	1076
20	40	100	30	50	35	60	0	0	0	0	0	0	0	0	0
468	525	602	694	770	823	920	867	871	820	873	879	986	1060	1072	1076
12	13	14	70	90	100	135	160	204	600	812	1102	1324	1408	1357	1352
375	430	570	591	579	762	779	745	759	424	240	270	290	310	350	370
387	443	584	661	669	862	914	905	963	1024	1052	1372	1614	1718	1707	1722
1349	1264	1278	1303	1281	1439	1392	1358	1627	2009	2095	2198	3037	2612	1991	1624
132	107	91	163	290	193	140	0	0	0	0	0	0	0	0	0
1481	1371	1369	1466	1571	1632	1532	1358	1627	2009	2095	2198	3037	2612	1991	1624
16253	15657	16303	18266	18487	20880	20909	19934	21590	25001	28663	33828	41560	40003	33054	30504
5053	4817	5530	5562	6348	6654	6260	6142	6490	6045	6421	7863	9548	8147	7540	7296
21306	20474	21842	23828	24835	27534	27169	26077	28080	31046	35084	41691	51108	48150	40594	37800



TABLE III. — MEMBERSHIP OF TRADE UNIONS IN SELECTED COUNTRIES

1910-1920\*

(000's omitted)

COUNTRY	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
Australia.....	302	365	433	498	523	528	546	564	582	628	684
Austria.....	200	257	251	253	147	112	109	211	295	772	830 <sup>d</sup>
Belgium.....	139	189	231	203	203	<sup>b</sup>	<sup>b</sup>	<sup>b</sup>	450	750	920
Canada.....	120	133	160	176	166	143	160	205	249	378	374
Czecho-Slovakia.....	100	100	107	107	55	40	24	43	161	657	2,000 <sup>d</sup>
Denmark.....	124	128	139	154	156	173	189	224	316	360	400
Finland.....	15	20	24	28	31	30	42	161	21	41	59
France.....	977	1,029	1,064	1,027	1,026	<sup>b</sup>	<sup>b</sup>	1,500	2,000	2,500	1,581 <sup>f</sup>
Germany.....	2,960	3,336	3,566	3,572	2,271	1,524	1,496	1,937	3,801	9,000	13,000 <sup>d</sup>
Hungary.....	86	95	102	107	107	43	55	215	500	500	343 <sup>d</sup>
Italy.....	817	847	861	972	962	806	701	740	<sup>b</sup>	1,800	3,100
Netherlands.....	154	169	189	220	227	251	304	369	456	625	683
New Zealand.....	57	56	61	71	74	68	71	<sup>b</sup>	<sup>b</sup>	83 <sup>c</sup>	
Norway.....	47	53	61	64	68	78	81	94	180	144	142
Roumania.....	8	6	10	<sup>b</sup>	<sup>b</sup>	17	16	16	<sup>b</sup>	75 <sup>c</sup>	90.
Serbia (Jugo Slavia).....	7	8	5	9	14	12	12	12	15	20	<sup>b</sup>
Sweden.....	115	111	120	136	141	151	189	244	302	339	400 <sup>d</sup>
Switzerland.....	75	78	86	89	50	65	89	149	177	224	292
United Kingdom.....	2,400	2,970	3,226	4,192	4,199	4,417	4,577	5,547	6,645	8,024	8,493 <sup>e</sup>

\* Unless otherwise indicated, data for the years 1910 to 1919 were taken from the International Labor Office, *Studies and Reports*, Series A, No. 17; and for 1920 from *International Labour Review*, Vol. VIII, No. 1-2, p. 79.

<sup>b</sup> Figures not available.

<sup>c</sup> From the *International Labour Review*, Vol. VIII, No. 1-2, p. 79.

<sup>d</sup> Based on partial information.

<sup>e</sup> Great Britain, *Labour Gazette*, Vol. 31, p. 383.

<sup>f</sup> France, *Annuaire Statistique*, 1922, p. 217.

TABLE IV.

## THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910

(CLASSIFIED AS EMPLOYERS OR SELF-EMPLOYED, SUPERVISORY PERSONS,  
AND WAGE EARNERS)

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
Extraction of Minerals.....	1,090,223	1,087,359	2,864	965,169	964,075	1,094
Employers.....	17,334	17,216	118 <sup>2</sup>	14,287	14,201	86
Supervisory.....	53,922	53,850	72	34,285	34,254	31
Foremen, Overseers, Inspectors	36,931	36,923	8	23,338	23,328	10
Managers.....	14,469	14,446	23	9,798	9,786	12
Officials.....	2,522	2,481	41	1,149	1,140	9
Wage Earners.....	1,018,967	1,016,293	2,674	916,597	915,620	977
Coal Mines.....	733,936	732,441	1,495	613,924	613,519	405
Other Mines.....	148,847	148,471	376	191,906	191,726	180
Copper.....	36,054	35,918	136	39,270	39,251	19
Gold and silver.....	32,700	32,666	34	55,436	55,397	39
Iron.....	38,704	38,605	99	49,948	49,909	39
Not specified.....	41,389	41,282	107	47,252	47,169	83
Quarries.....	45,162	45,084	78	80,840	80,795	45
Oil, Gas and Salt wells.....	91,022	90,297	725	29,927	29,580	347
Manufacturing Industries.....	9,895,105	7,982,754	1,912,351	7,517,202	5,719,016	1,798,186
Employers and Self-employed...	562,199	312,035	250,164	814,974	361,693	453,281
Dressmakers.....	176,891	252	176,639	337,002	1,192	335,810
Milliners.....	54,941	2,743	52,198	95,926	4,009	91,827
Tailors and Tailoresses.....	96,116	80,202	15,914	102,304	81,898	20,406
Shoemakers.....	39,430	39,300	130	34,785	34,394	391
Piano Tuners.....	3,523	3,503	20	3,316	3,264	52
Jewelers, etc.....	7,912	7,594	318	6,534	6,037	497
Manufacturers.....	183,386	178,441	4,945	235,107	230,809	4,298
Supervisory.....	557,363	518,861	38,502	300,792	279,189	21,603
Foremen and Overseers.....	307,413	277,242	30,171	175,098	155,358	19,740
Managers and Superintendents	201,721	196,771	4,950	104,210	102,748	1,462
Officials.....	48,229	44,848	3,381	21,484	21,083	401
Wage Earners.....	8,775,543	7,151,858	1,623,685	6,401,436	5,078,134	1,323,302
Chemical and Allied Industries	187,291	164,640	22,651	106,334	90,533	15,801
Laborers.....	74,289	70,994	3,295	41,741	39,711	2,030
Semi-skilled.....	50,341	32,072	18,269	30,705	17,158	13,547
Charcoal and coke (laborers)	9,384	9,352	32	11,446	11,431	15
Charcoal and coke (semi-skilled).....	1,722	1,692	30	1,634	1,618	16
Petroleum refineries (laborers).....	31,795	31,566	229	11,215	11,151	64
Petroleum refineries (semi-skilled).....	8,891	8,229	662	1,739	1,669	70
Turpentine (laborers).....	9,731	9,605	126	6,405	6,354	51
Turpentine (semi-skilled)...	1,138	1,130	8	1,449	1,441	8

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— *Continued*

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing Industries (cont.)</b>						
Clay, Glass and Stone.....	241,221	223,635	17,586	294,812	282,868	11,944
Laborers.....	124,544	120,215	4,329	154,826	152,438	2,388
Semi-skilled.....	85,434	72,269	13,165	88,691	79,230	9,461
Glass blowers.....	9,144	9,055	89	15,564	15,474	90
Stone cutters.....	22,099	22,096	3	35,731	35,726	5
Clothing.....	599,857	231,349	368,508	655,011	237,968	417,043
Laborers.....	12,776	6,414	6,362	10,240	5,424	4,816
Semi-skilled.....	409,361	143,718	265,643	386,136	148,866	237,270
Dressmakers', etc., apprentices.....	4,326	17	4,309	12,011	31	11,980
Dressmakers (not in factory)	58,964	84	58,880	112,340	390	111,950
Milliners and millinery dealers.....	18,314	914	17,400	31,980	1,360	30,620
Tailors and tailoresses.....	96,116	80,202	15,914	102,304	81,897	20,407
Food.....	469,642	376,502	93,140	299,981	252,219	47,762
Laborers.....	159,535	143,397	16,138	82,015	75,691	6,324
Semi-skilled.....	188,895	116,493	72,402	105,283	68,683	36,600
Bakers.....	97,940	93,347	4,593	89,531	84,752	4,779
Millers.....	23,272	23,265	7	23,152	23,093	59
Cigar and Tobacco.....	180,379	82,557	97,822	168,193	91,392	76,801
Laborers.....	35,157	21,295	13,862	16,392	11,436	4,956
Semi-skilled.....	145,222	61,262	83,960	151,801	79,956	71,845
Liquor and Beverage.....	26,185	25,255	930	50,360	47,958	2,402
Laborers.....	10,530	10,295	235	18,857	18,294	563
Semi-skilled.....	15,655	14,960	695	31,503	29,664	1,839
Leather Products.....	373,300	283,904	89,396	323,860	255,015	68,845
Harness and saddle (laborers)	1,885	1,727	158	1,298	1,210	88
Harness and saddle (semi-skilled).....	18,135	17,573	562	22,650	21,958	692
Leather belt, etc. (laborers)	3,578	3,274	304	1,908	1,757	151
Leather belt, etc. (semi-skilled).....	17,189	12,809	4,380	11,553	8,473	3,080
Trunk (laborers).....	2,486	2,269	217	985	909	76
Trunk (semi-skilled).....	5,456	4,644	812	4,944	4,381	563
Shoe factories (laborers)....	19,210	14,194	5,016	10,277	7,952	2,325
Shoe factories (semi-skilled)	206,225	132,813	73,412	181,010	121,744	59,266
Shoemakers (not in factory)	39,430	39,300	130	34,785	34,394	391
Tanneries (laborers).....	27,480	26,703	777	20,798	20,491	307
Tanneries (semi-skilled)....	32,226	28,598	3,628	33,652	31,746	1,906
Printing and Publishing.....	273,910	226,334	47,576	250,783	203,792	46,991
Printers', etc., apprentices..	11,603	10,366	1,237	12,395	11,454	941
Compositors, etc.....	140,165	128,859	11,306	127,589	113,538	14,051
Electrotypers, etc.....	13,716	13,530	186	12,506	11,929	577
Engravers.....	15,053	14,492	561	13,967	13,429	538
Pressmen, etc.....	18,683	18,683	.....	20,084	19,892	192
Printing, etc. (laborers)....	7,981	6,240	1,741	5,484	4,121	1,363
Printing, etc. (semi-skilled).	66,709	34,164	32,545	58,758	29,429	29,329

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— Continued

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing Industries (cont.)</b>						
Paper and Pulp Products.....	147,917	108,348	39,569	98,680	65,933	32,747
Paper and pulp mills (laborers).....	52,263	49,786	2,477	31,388	29,959	1,429
Paper and pulp mills (semi- skilled).....	54,869	41,321	13,348	36,383	25,803	10,580
Blank book, etc. (laborers)..	3,455	2,046	809	1,557	1,096	461
Blank book, etc. (semi- skilled).....	13,694	5,117	8,577	10,032	3,422	6,610
Paper box (laborers).....	3,384	2,401	983	1,403	791	612
Paper box (semi-skilled)....	20,452	7,077	13,375	17,917	4,862	13,055
Textile.....	976,777	505,311	471,466	804,003	401,363	402,640
Dyers.....	15,109	14,978	131	14,050	13,396	654
Loom fixers.....	15,961	15,958	3	13,254	13,254	.....
Textile (laborers).....	153,310	120,341	32,969	87,146	71,107	16,039
Textile (semi-skilled).....	792,397	354,034	438,363	689,553	303,606	385,947
Wood Products.....	658,262	623,217	35,045	652,845	630,812	22,033
Cabinet makers' apprentices	1,020	1,020	.....	*	*	.....
Coopers' apprentices.....	365	365	.....	*	*	.....
Cabinet makers.....	45,511	45,503	8	41,892	41,884	8
Coopers.....	19,066	19,061	5	25,299	25,292	7
Lumber, etc. (laborers).....	320,613	309,874	10,739	317,244	313,228	4,016
Lumber, etc. (semi-skilled)..	168,719	150,079	18,640	168,271	154,324	13,947
Sawyers.....	33,809	33,800	9	43,276	43,257	19
Wood carvers.....	3,025	3,008	17	5,368	5,308	60
Upholsterers.....	29,605	27,338	2,267	20,221	18,928	1,293
Painters (factory).....	17,600	17,040	560	15,230	14,950	280
Piano tuners.....	3,523	3,503	20	3,316	3,264	52
Broom and brush (laborers)	2,800	2,407	393	1,565	1,340	225
Broom and brush (semi- skilled).....	12,606	10,219	2,387	11,163	9,037	2,126
Iron and Steel.....	3,107,082	3,034,864	72,218	2,008,006	1,976,674	31,332
Blacksmiths' apprentices...	2,661	2,659	2	2,816	2,814	2
Boilermakers' apprentices...	2,005	2,005	.....	*	*	*
Machinists' apprentices.....	39,463	39,448	15	*	*	*
Blacksmiths, etc.....	221,421	221,416	5	240,174	240,143	31
Boilermakers.....	74,088	74,088	.....	44,761	44,761	.....
Furnacemen, etc.....	40,806	40,800	6	36,251	36,226	25
Machinists, etc.....	894,662	894,654	8	488,049	487,956	93
Iron molders, etc.....	114,031	114,022	9	112,122	112,070	52
Pattern makers, etc.....	27,720	27,663	57	23,559	23,006	553
Rollers, etc.....	25,061	25,061	.....	18,407	18,384	23
Annealers.....	2,913	2,910	3	1,901	1,894	7
Laborers.....	729,613	717,022	12,591	482,941	476,801	6,140
Semi-skilled.....	689,980	632,161	57,819	369,040	345,483	23,557
Painters (factory).....	52,798	51,095	1,703	45,685	44,836	849
Carpenters.....	98,600	98,600	.....	90,790	90,790	.....
Electricians.....	91,260	91,260	.....	61,510	61,510	.....

\* Figures not available.

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— Continued

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing Industries (cont.)</b>						
Metal (except Iron and Steel)	415,396	345,001	70,395	271,221	230,346	40,875
Jewelers, etc., apprentices..	2,633	2,247	386	1,839	1,770	69
Filers, grinders, etc. ....	59,785	57,315	2,470	49,525	46,679	2,846
Jewelers, etc. ....	31,680	30,320	1,360	26,040	24,000	2,040
Electricians.....	60,840	60,840	.....	34,340	34,340	.....
Brass and other molders....	9,650	9,650	.....	8,778	8,778	.....
Electrical supply (laborers)	26,789	23,562	3,227	11,434	10,053	1,381
Electrical supply (semi-skilled).....	64,841	37,452	27,389	24,677	13,636	11,041
Other metal (laborers)....	67,887	62,771	5,116	44,773	42,134	2,639
Other metal (semi-skilled) ..	91,291	60,844	30,447	69,815	48,956	20,859
Miscellaneous.....	1,118,324	920,941	197,383	417,347	311,261	106,086
Other apprentices.....	47,885	44,440	3,445	*	*	*
Button factories (laborers) ..	1,407	1,093	314	1,105	790	315
Button factories (semi-skilled).....	12,977	7,768	5,209	11,461	6,682	4,779
Gas works (laborers).....	18,845	18,787	58	16,549	16,534	15
Gas works (semi-skilled)....	9,462	9,294	168	5,732	5,689	43
Rubber factories (laborers) ..	51,467	47,515	3,952	13,546	12,224	1,322
Rubber factories (semi-skilled).....	86,204	67,370	18,834	31,593	21,170	10,423
Straw factories (laborers) ...	577	513	64	413	319	94
Straw factories (semi-skilled).....	14,102	7,751	6,351	5,915	1,945	3,970
Other miscellaneous (laborers).....	84,337	77,583	6,754	32,237	29,836	2,401
Other miscellaneous (semi-skilled).....	121,968	75,772	46,196	71,050	41,244	29,806
Other n. s. (laborers).....	191,364	170,921	20,443	109,433	99,723	9,710
Other n. s. (semi-skilled)....	207,047	121,496	85,551	104,300	61,115	43,185
Other mechanics (n. o. s.) ..	246,070	246,070	.....	*	*	*
Oilers of machinery.....	24,612	24,568	44	14,013	13,990	23
Transportation.....	3,256,330	3,043,055	213,275	2,884,337	2,777,561	106,776
Employers and Self-employed ...	81,488	80,943	545	59,572	59,136	436
Captains (water transportation).....	2,600	2,600	.....	2,400	2,400	.....
Garage keepers, etc. ....	42,151	41,944	207	5,279	5,256	23
Livery stable keepers.....	11,240	11,168	72	34,795	34,612	183
Proprietors, etc. (transfer cos.)	23,497	23,231	266	15,598	15,368	230
Proprietors (n. o. s.).....	2,000	2,000	.....	1,500	1,500	.....
Supervisory.....	212,228	211,102	1,126	160,091	157,741	2,350
Officials, etc. (n. o. s.).....	16,957	16,384	573	13,339	11,911	1,428
Foremen, etc. (water transportation).....	3,488	3,488	.....	3,016	3,016	.....
Foremen, etc. (livery companies).....	3,868	3,866	2	6,606	6,606	.....
Foremen, etc. (street railroad)	6,248	6,236	12	4,673	4,655	18

\* Figures not available.

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— Continued

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
<b>Transportation (cont.)</b>						
Officials, etc. (street railroad)	3,455	3,445	10	2,433	2,433	.....
Foremen (road building)	9,558	9,557	1	7,064	7,064	.....
Inspectors	50,233	49,848	385	33,237	32,962	275
Foremen, etc. (steam railroad)	73,046	72,980	66	65,260	65,038	222
Officials, etc. (steam railroad)	32,426	32,385	41	19,805	19,803	2
Foremen (telegraph, etc.)	6,822	6,797	25	3,843	3,439	404
Foremen (other transportation)	6,127	6,116	11	815	814	1
<b>Wage Earners</b>	<b>2,962,614</b>	<b>2,751,010</b>	<b>211,604</b>	<b>2,664,674</b>	<b>2,560,684</b>	<b>103,990</b>
<b>Water Transportation</b>						
Water Transportation	178,539	178,127	412	152,725	152,524	201
Boatmen, etc.	6,319	6,286	33	5,304	5,289	15
Captains, etc.	23,720	23,720	.....	21,842	21,842	.....
Longshoremen, etc.	85,928	85,605	323	62,857	62,813	44
Sailors and deckhands	54,832	54,800	32	46,510	46,498	12
Laborers	5,966	5,963	3	14,267	14,177	90
Semi-skilled	1,774	1,753	21	1,945	1,905	40
<b>Road and Street Transportation</b>						
Road and Street Transportation	925,895	923,897	1,998	787,105	786,800	305
Carriage, etc., drivers	9,057	8,966	91	35,376	35,339	37
Chauffeurs	285,045	284,096	949	45,785	45,752	33
Draymen, etc.	411,132	410,484	648	408,469	408,396	73
Hostlers, etc.	18,976	18,973	3	63,388	63,382	6
Garage laborers	31,450	31,339	111	4,468	4,462	6
Deliverymen (bakeries, etc.)	170,235	170,039	196	229,619	229,469	150
<b>Street Maintenance, etc.</b>						
Street Maintenance, etc.	131,467	131,196	271	195,490	195,140	350
Laborers (road building)	115,836	115,673	163	180,468	180,468	.....
Laborers (street cleaning)	11,196	11,192	4	9,946	9,946	.....
Semi-skilled (road building)	4,435	4,331	104	5,076	4,726	350
<b>Electric and Street Railways</b>						
Electric and Street Railways	163,992	163,076	916	148,297	148,052	245
Conductors	63,760	63,507	253	56,932	56,932	.....
Laborers	25,514	25,046	468	27,807	27,602	205
Motormen	62,959	62,939	20	56,218	56,218	.....
Switchmen	2,500	2,496	4	2,153	2,153	.....
Semi-skilled	9,259	9,088	171	5,187	5,147	40
<b>Steam Railroads</b>						
Steam Railroads	1,108,424	1,098,220	10,204	1,067,977	1,063,164	4,813
<b>Baggagemen and freight agents</b>						
Baggagemen and freight agents	16,819	16,789	30	17,033	17,028	5
Boiler washers, etc.	25,305	25,271	34	10,409	10,409	.....
Brakemen	114,107	114,107	.....	92,572	92,572	.....
Conductors	74,539	74,539	.....	65,604	65,604	.....
Laborers	470,199	463,613	6,586	543,168	539,920	3,248
Locomotive engineers	109,899	109,899	.....	96,229	96,229	.....
Locomotive firemen	91,345	91,345	.....	76,381	76,381	.....
Motormen	3,560	3,560	.....	2,487	2,487	.....
Switchmen, etc.	101,917	101,359	558	73,419	73,367	52
Yardmen	7,148	7,145	3	9,575	9,575	.....
Ticket agents	26,585	24,324	2,261	24,138	22,930	1,208
Semi-skilled	28,621	27,916	705	24,424	24,125	299
Railway mail clerks	15,867	15,867	.....	15,240	15,240	.....
Railroad porters	22,513	22,486	27	17,298	17,297	1

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— Continued

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
<b>Transportation (cont.)</b>						
Express companies.....	23,520	23,389	131	15,666	15,561	105
Agents.....	5,293	5,193	100	5,875	5,804	71
Messengers.....	9,138	9,129	9	6,781	6,778	3
Laborers.....	9,089	9,067	22	3,010	2,979	31
Mail carriers.....	91,451	90,131	1,320	80,678	79,667	1,011
Telegraph and Telephone.....	323,833	127,650	196,183	211,873	115,029	96,844
Linemen.....	37,917	37,905	12	28,350	28,347	3
Messengers.....	9,403	8,969	434	9,152	9,074	78
Operators (telegraph).....	79,434	62,574	16,860	69,953	61,734	8,219
Operators (telephone).....	190,160	11,781	178,379	97,893	9,631	88,262
Laborers.....	5,088	5,011	77	5,312	5,251	61
Semi-skilled.....	1,831	1,410	421	1,213	992	221
Other Transportation.....	15,493	15,324	169	4,863	4,747	116
Laborers.....	5,920	5,826	94	1,361	1,288	73
Semi-skilled.....	2,204	2,136	68	897	864	43
Pipe-line laborers.....	7,369	7,362	7	2,605	2,605	.....
<b>Building Trades.....</b>	<b>2,487,500</b>	<b>2,470,437</b>	<b>17,063</b>	<b>2,649,751</b>	<b>2,630,561</b>	<b>19,190</b>
<b>Employers and Self-employed</b>						
Builders and Contractors....	90,109	90,030	79	174,422	173,573	849
<b>Wage Earners.....</b>						
Carpenters' apprentices.....	4,805	4,797	8	6,069	6,061	8
Electricians' apprentices.....	9,562	9,557	5	2,661	2,660	1
Masons' apprentices.....	1,434	1,434	.....	2,503	2,501	2
Painters', etc., apprentices....	1,616	1,598	18	2,662	2,653	9
Paper hangers' apprentices....	172	165	7	444	440	4
Plasterers' apprentices.....	398	398	.....	669	669	.....
Plumbers' apprentices.....	7,386	7,386	.....	9,903	9,899	4
Roofers', etc., apprentices....	250	250	.....	304	302	2
Tinsmiths', etc., apprentices..	2,816	2,815	1	*	*	*
Brick and stone masons.....	131,264	131,257	7	169,402	169,387	15
Carpenters.....	788,779	788,608	171	726,330	726,292	38
Electricians.....	60,840	60,840	.....	34,340	34,340	.....
Cranemen, etc.....	37,888	37,876	12	*	*	*
Building laborers.....	623,203	608,075	15,128	869,478	853,679	15,799
Other mechanics.....	27,300	27,300	.....	*	.....	.....
Painters.....	252,634	251,562	1,072	276,440	275,028	1,412
Paper hangers.....	18,746	18,338	408	25,577	24,780	797
Plasterers and cement finishers	45,876	45,870	6	47,682	47,676	6
Plumbers, etc.....	206,718	206,715	3	148,304	148,304	.....
Roofers and slaters.....	11,378	11,378	.....	14,078	14,078	.....
Tin and coppersmiths.....	74,968	74,957	11	59,833	59,809	24
Structural ironworkers.....	18,836	18,836	.....	11,427	11,427	.....
Semi-skilled.....	7,003	6,983	20	920	781	139
Helpers.....	63,519	63,412	107	66,303	66,222	81

\* Figures not available.

TABLE IV. — THE WORKING POPULATION OF THE UNITED STATES, 1920 AND 1910  
— Continued

Industry	1920			1910		
	Total	Male	Female	Total	Male	Female
Stationary Engineers.....	242,096	242,064	32	231,041	231,031	10
Stationary Firemen.....	143,875	143,862	13	111,248	111,248	.....
Trade.....	4,248,516	3,565,089	683,427	3,490,178	3,013,438	476,740
Employers and Self-employed...	1,786,902	1,690,122	96,780	1,530,340	1,454,803	75,537
Salaried.....	524,014	494,038	29,976	396,721	377,514	19,207
Clerks and Salespeople in Stores.	1,591,412	1,059,873	531,539	1,308,313	938,999	369,314
Laborers.....	346,188	321,056	25,132	254,804	242,122	12,682
Professional Service.....	2,143,889	1,127,391	1,016,498	1,693,361	959,470	733,891
Professional.....	1,995,622	1,042,072	953,550	1,611,695	904,422	707,273
Semi-professional.....	116,555	70,626	45,929	64,926	44,532	20,394
Attendants and Helpers.....	31,712	14,693	17,019	16,740	10,516	6,224
Domestic and Personal Service...	3,382,379	1,195,482	2,186,897	3,755,261	1,224,040	2,531,221
Employers and Self-employed...	426,688	188,720	237,968	512,081	218,810	293,271
Supervisory.....	52,736	39,317	13,419	57,273	44,246	13,027
Wage Earners.....	2,902,955	967,445	1,935,510	3,185,907	960,984	2,224,923
Clerical.....	2,950,769	1,540,484	1,410,285	1,631,926	1,047,504	584,422
Bookkeepers, Cashiers and Ac- countants.....	734,688	375,564	359,124	486,700	299,545	187,155
Clerks (except in stores).....	1,487,905	1,015,742	472,163	720,498	597,833	122,665
Messenger Boys, etc.....	113,022	98,768	14,254	108,035	96,748	11,287
Stenographers and Typists.....	615,154	50,410	564,744	316,693	53,378	263,315
Public Service†.....	801,826	779,531	22,295	476,347	462,448	13,899
Agriculture, Forestry and Animal Husbandry.....	10,953,158	9,869,030	1,084,128	12,659,082	10,851,581	1,807,501
Employers.....	8,251,313	7,409,046	842,267	9,457,591	8,007,807	1,449,784
Supervisory.....	101,233	86,888	14,345	57,718	49,942	7,776
Wage Earners.....	2,600,612	2,373,096	227,516	3,143,773	2,793,832	349,941
Total for all Industries.....	41,595,666	33,046,538	8,549,128	38,064,903	29,991,973	8,072,930

† Not elsewhere classified.



## NOTES TO TABLE IV

Unless otherwise indicated, the figures for wage earners in each industry included in table IV represent the sum of the "semi-skilled" workers and "laborers," shown by the Census to be working in that industry. The following notes indicate in detail the constitution of each item in table IV.

### *Extraction of Minerals.*

All figures in this category are taken without change from the Census. The Census group of "operators" is designated in table IV as "employers."

### *Manufacturing Industries*

Employers and self-employed.—Into this category were put the following percentages of the total number reported by the Census as working in each specified occupation: dressmakers (not in factory), 75; milliners, 75; tailors and tailoresses, 50; shoemakers (not in factory), 50; piano tuners, 50; jewelers, etc., 20.

#### *Wage Earners:*

*Clothing.*—Dressmakers (not in factory), 25 per cent; milliners, 25 per cent; tailors and tailoresses, 50 per cent.

*Food.*—Includes "laborers" and "semi-skilled" in bakeries; butter and cheese, candy, fish-curing factories; flour and grain mills; fruit and vegetable canning, slaughter and packing, sugar and other food factories.

*Leather Products.*—Shoemakers (not in factory), 50 per cent.

*Wood Products.*—Painters (in factory), 25 per cent; piano tuners, 50 per cent.

*Iron and Steel.*—Painters (in factory), 75 per cent; carpenters, 11 per cent; electricians, 43 per cent.

*Metal (except Iron and Steel).*—Jewelers, 80 per cent; electricians, 29 per cent.

### *Transportation.*

Employers and self-employed.—Captains (water transportation), 10 per cent.

*Wage Earners.*—Captains (water transportation), 90 per cent.

### *Building Trades.*

*Wage Earners.*—Painters includes "painters, glaziers and varnishers (building)" and "enamellers, lacquerers, and japanners"; carpenters, 88 per cent; electricians, 28 per cent; "other mechanics," 10 per cent.

### *Trade.*

Employers and self-employed.—Includes bankers and brokers; insurance officials; proprietors, officials and managers; real estate agents; retail dealers; undertakers; wholesale dealers, etc.

*Salaried.*—Includes commercial travelers; decorators, etc.; floorwalkers, etc.; inspectors, etc.; insurance agents; agents, canvassers, and collectors.

### *Domestic and Personal Service.*

Employers and self-employed.—Barbers, 20 per cent; billiard room, etc., keepers; boarding house keepers; hotel keepers and managers, 20 per cent; launderers (not in factory), 25 per cent; laundry owners; restaurant keepers; saloon keepers.

*Supervisory.*—Laundry foremen; laundry managers; hotel keepers and managers, 80 per cent.

### *Public Service.*

Includes "public service (not elsewhere classified)," "laborers" and "semi-skilled" in electric light and power plants.

### *Agriculture.*

Employers and self-employed.—Includes dairy farmers, etc.; farm laborers (home farm); fishermen and oystermen, 10 per cent; gardeners, etc., owners, lumber camps; apiarists; corn shellers, 20 per cent; poultry raisers.

*Supervisory.*—Includes farm foremen; lumber foremen; managers, timber camps.

TABLE V.—MEMBERSHIP OF AMERICAN TRADE UNIONS IN THE UNITED STATES AND CANADA, BY SEX, 1920

(00's omitted)

(UNLESS OTHERWISE SPECIFIED, THE DATA IN THIS TABLE WERE OBTAINED EITHER FROM THE PROCEEDINGS OR OFFICERS' REPORTS OR BY CORRESPONDENCE WITH THE CENTRAL OFFICE OF THE UNION)

Name of Union	Total	Total Male	Total Female	Canadian <sup>b</sup>	U. S. <sup>c</sup>	U. S. Male	U. S. Female <sup>d</sup>
Actors.....	90	51	39	....	90	51	39
Asbestos Workers.....	22 <sup>a</sup>	22	....	1	21	21	....
Automobile, Aircraft Workers.....	454	454	....	....	454	454	....
Bakery Workers.....	275 <sup>a</sup>	275	....	6	269	269	....
Barbers.....	442 <sup>a</sup>	442	....	15	427	427	....
Bill Posters.....	16 <sup>a</sup>	16	....	1	15	15	....
Blacksmiths.....	483 <sup>a</sup>	483	....	18	465	465	....
Boilermakers and Iron Shipbuilders	1030 <sup>a</sup>	1030	....	58	972	972	....
Bookbinders.....	207 <sup>a</sup>	115	92	18	189	105	84
Boot and Shoe Workers.....	467 <sup>a</sup>	317	150	30	437	297	140
Brewery Workers.....	341 <sup>a</sup>	339	2	8	333	331	2
Brick and Tile Workers.....	52 <sup>a</sup>	52	....	....	52	52	....
Bricklayers and Masons.....	736	736	....	41	695	695	....
Bridge and Iron Workers.....	277	277	....	37	240	240	....
Broom Makers.....	14 <sup>a</sup>	14	....	....	14	14	....
Carpenters.....	3719	3719	....	167	3552	3552	....
Cigarmakers.....	388 <sup>a</sup>	318	70	14	374	307	67
Cloth Hat and Cap Makers.....	106	81	25	5	101	77	24
Clothing, Amalgamated.....	1770	1070	700	98	1672	1011	661
Commercial Telegraphers.....	50 <sup>b</sup>	50	....	21	29 <sup>b</sup>	29	....
Coopers.....	43 <sup>a</sup>	43	....	....	43	43	....
Cutting Die Makers.....	2 <sup>a</sup>	2	....	....	2	2	....
Diamond Workers.....	6 <sup>a</sup>	6	....	....	6	6	....
Draftsmen.....	35 <sup>a</sup>	35	....	....	35	35	....
Elastic Goring Weavers.....	1 <sup>a</sup>	1	....	....	1	1	....
Electrical Workers.....	1392 <sup>a</sup>	1252	140	46	1346	1211	135
Elevator Constructors.....	31 <sup>a</sup>	31	....	1	30	30	....
Federal Employees.....	385 <sup>a</sup>	385	....	2	383	383	....
Fire Fighters.....	221 <sup>a</sup>	221	....	18	203	203	....
Flint Glass Workers.....	99 <sup>a</sup>	99	....	3	96	96	....
Foundry Employees.....	91 <sup>a</sup>	91	....	....	91	91	....
Fur Workers.....	121 <sup>a</sup>	85	36	10	111	78	33
Garment Workers, United.....	459 <sup>a</sup>	139	320	13	446	135	311
Glass Bottle Blowers.....	100 <sup>a</sup>	100	....	3	97	97	....
Glove Workers.....	10 <sup>a</sup>	3	7	1	9	3	6
Granite Cutters.....	115	115	....	3	112	112	....

TABLE V. — MEMBERSHIP OF AMERICAN TRADE UNIONS IN THE UNITED STATES AND CANADA, BY SEX, 1920 — *Continued*

(00's omitted)

Name of Union	Total	Total Male	Total Female	Canadian <sup>b</sup>	U. S. <sup>a</sup>	U. S. Male	U. S. Female <sup>c</sup>
Hatters.....	105 <sup>a</sup>	85	20	....	105	85	20
Hod Carriers.....	420 <sup>a</sup>	420	....	13	407	407	....
Horse Shoers.....	54 <sup>a</sup>	54	....	....	54	54	....
Hotel Employees.....	604 <sup>a</sup>	548	56	21	583	529	54
Iron, Steel and Tin Workers.....	315 <sup>a</sup>	315	....	21	294	294	....
Jewelry Workers.....	81 <sup>a</sup>	81	....	10	71	71	....
Lace Operatives.....	9 <sup>d</sup>	9	....	....	9	9	....
Ladies' Garment Workers.....	1054 <sup>a</sup>	377	677	37	1017	364	653
Lathers, Wood and Metal.....	59 <sup>a</sup>	59	....	2	57	57	....
Laundry Workers.....	80 <sup>a</sup>	18	62	....	80	18	62
Leather Goods Workers, Fancy...	35	33	2	....	35	33	2
Leather Workers.....	117 <sup>a</sup>	87	30 <sup>e</sup>	3	114	85	29
Letter Carriers.....	224	224	....	....	224	224	....
Letter Carriers, Rural.....	3 <sup>a</sup>	3	....	....	3	3	....
Lithographers.....	61 <sup>a</sup>	61	....	5	56	56	....
Locomotive Engineers.....	869	869	....	65	804	804	....
Locomotive Firemen.....	1259	1259	....	88	1171	1171	....
Longshoremen.....	740 <sup>a</sup>	740	....	37	703	703	....
Machine Printers.....	5 <sup>a</sup>	5	....	....	5	5	....
Machinists.....	3308 <sup>a</sup>	3303	5	141	3167	3162	5
Maintenance of Way Employees...	1560 <sup>b</sup>	1560 <sup>b</sup>	....	114	1446 <sup>b</sup>	1446 <sup>b</sup>	....
Marble Workers.....	12 <sup>a</sup>	12	....	....	12	12	....
Marine Engineers.....	170 <sup>a</sup>	170	....	....	170	170	....
Masters, Mates and Pilots.....	71 <sup>a</sup>	71	....	4	67	67	....
Meat Cutters.....	653 <sup>a</sup>	599	54 <sup>e</sup>	20	633	581	52
Metal Polishers.....	125	125	....	3	122	122	....
Mine, Mill, and Smelter Workers..	211 <sup>a</sup>	211	....	4	207	207	....
Mine Workers, United.....	3936 <sup>a</sup>	3936	....	198	3738	3738	....
Molders.....	573 <sup>a</sup>	573	....	36	537	537	....
Musicians.....	700 <sup>a</sup>	672	28	50	650	624	26
Oil and Gas Well Workers.....	209 <sup>a</sup>	209	....	....	209	209	....
Painters.....	1031 <sup>a</sup>	1031	....	31	1000	1000	....
Paper Makers.....	74 <sup>a</sup>	74	....	11	63	63	....
Pattern Makers.....	90 <sup>a</sup>	90	....	6	84	84	....
Pavers.....	19 <sup>a</sup>	19	....	1	18	18	....
Paving Cutters.....	26 <sup>a</sup>	26	....	1	25	25	....
Photo Engravers.....	59 <sup>a</sup>	59	....	4	55	55	....
Piano and Organ Workers.....	32 <sup>a</sup>	32	....	3	29	29	....
Plasterers.....	194 <sup>a</sup>	194	....	14	180	180	....
Plumbers.....	750	750	....	33	717	717	....

TABLE V. — MEMBERSHIP OF AMERICAN TRADE UNIONS IN THE UNITED STATES AND CANADA, BY SEX, 1920 — *Continued*

(00's omitted)

Name of Union	Total	Total Male	Total Female	Canadian <sup>b</sup>	U. S. <sup>c</sup>	U. S. Male	U. S. Female <sup>d</sup>
Poster Artists.....	4	4	....	....	4	4	....
Post Office Clerks, Natl.....	250	220	30	....	250	220	30
Post Office Clerks, United.....	290	264	26	....	290	264	26
Potters, Operative.....	80 <sup>a</sup>	65	15	....	80	65	15
Powder Workers.....	3 <sup>a</sup>	3	....	....	3	3	....
Print Cutters.....	4 <sup>a</sup>	4	....	....	4	4	....
Printing Pressmen.....	350 <sup>a</sup>	335	15	6	344	329	15
Pulp and Paper Mill Workers.....	95 <sup>a</sup>	85	10 <sup>a</sup>	50	45	40	5
Quarry Workers.....	30 <sup>a</sup>	30	....	4	26	26	....
Railroad Patrolmen.....	26 <sup>a</sup>	26	....	....	26	26	....
Railroad Signalmen.....	123 <sup>a</sup>	123	....	2	121	121	....
Railroad Station Agents.....	88	88	....	....	88	88	....
Railroad Stationmen.....	33	33	....	17	16	16	....
Railroad Station Employees.....	352	352	....	....	352	352	....
Railroad Telegraphers.....	780	755	25	102	678	656	22
Railroad Trainmen.....	1846	1846	....	142	1704	1704	....
Railway Carmen.....	1821 <sup>a</sup>	1821	....	145	1676	1676	....
Railway Clerks.....	1860 <sup>a</sup>	1510	350	100	1760	1430	330
Railway Conductors.....	560	560	....	35	525	525	....
Railway Mail Association.....	148	148	....	....	148	148	....
Retail Clerks.....	208 <sup>a</sup>	179	29 <sup>f</sup>	4	204	175	29
Roofers, Composition.....	18 <sup>a</sup>	18	....	1	17	17	....
Saw Smiths.....	1 <sup>a</sup>	1	....	....	1	1	....
Seamen.....	659 <sup>a</sup>	659	....	20	639	639	....
Silk Workers.....	10	10	....	....	10	10	....
Sleeping Car Conductors.....	12 <sup>a</sup>	12	....	....	12	12	....
Sheet Metal Workers.....	218 <sup>a</sup>	218	....	9	209	209	....
Shoe Workers' Protective.....	180	100	80	....	180	100	80
Shoe Workers, United.....	330	200	130	....	330	200	130
Spinners.....	22	22	....	....	22	22	....
Stationary Firemen.....	296 <sup>a</sup>	296	....	10	286	286	....
Steam Engineers.....	320 <sup>a</sup>	320	....	20	300	300	....
Steam Shovelmen.....	80	80	....	14	66	66	....
Steel Plate Engravers.....	2 <sup>a</sup>	2	....	....	2	2	....
Steel Plate Printers.....	14 <sup>a</sup>	14	....	....	14	14	....
Steel Plate Transferers.....	1 <sup>a</sup>	1	....	....	1	1	....
Stereotypers.....	59 <sup>a</sup>	59	....	2	57	57	....
Stone Cutters.....	40 <sup>a</sup>	40	....	8	32	32	....
Stove Mounters.....	19 <sup>a</sup>	19	....	2	17	17	....
Street and Electric Railway Em- ployees.....	987 <sup>a</sup>	987	....	119	868	868	....
Switchmen.....	140 <sup>a</sup>	140	....	1	139	139	....

TABLE V. — MEMBERSHIP OF AMERICAN TRADE UNIONS IN THE UNITED STATES AND CANADA, BY SEX, 1920 — *Continued*

(00's omitted)

Name of Union	Total	Total Male	Total Female	Canadian <sup>b</sup>	U. S. <sup>c</sup>	U. S. Male	U. S. Female <sup>e</sup>
Tailors.....	120 <sup>a</sup>	100	20	5	115	96	19
Teachers, Amer. Fed. of.....	87 <sup>a</sup>	35	52	1	86	34	52
Teamsters and Chauffeurs.....	1108 <sup>a</sup>	1108	....	7	1101	1101	....
Textile Workers, Amalgamated....	400	250	150	....	400	250	150
Textile Workers, United.....	1049 <sup>a</sup>	649	400	25	1024	634	390
Theatrical Stage Employees.....	196 <sup>a</sup>	196	....	5	191	191	....
Timber Workers.....	101 <sup>a</sup>	101	....	1	100	100	....
Tobacco Workers.....	152 <sup>a</sup>	87	65	....	152	87	65
Trade and Federal Unions.....	868 <sup>a</sup>	868	....	24	844	844	....
Tunnel Constructors.....	30 <sup>a</sup>	30	....	....	30	30	....
Typographical Union.....	705 <sup>a</sup>	683	22	54	651	631	20
Upholsterers.....	56 <sup>a</sup>	56	....	1	55	55	....
Vaudeville Artists.....	100	65	35	....	100	65	35
Window Glass Workers.....	38	38	....	....	38	38	....
Wire Weavers.....	4 <sup>a</sup>	4	....	....	4	4	....
Wood Carvers.....	12 <sup>a</sup>	12	....	....	12	12	....
Workers' International Industrial Union.....	30 <sup>b</sup>	30	....	....	30	30	....
<b>Total.....</b>	<b>51362</b>	<b>47393</b>	<b>3969</b>	<b>2550</b>	<b>48812</b>	<b>44994</b>	<b>3818</b>

NOTES TO TABLE V

- <sup>a</sup> American Federation of Labor, *Annual Proceedings*.
- <sup>b</sup> Canada, Department of Labour, *Tenth Annual Report on Labour Organization in Canada*, pp. 254-5.
- <sup>c</sup> The data in this column were obtained by subtracting from the total membership of each organization its Canadian membership.
- <sup>d</sup> Estimated.
- <sup>e</sup> International Labour Office (Geneva), *International Labour Directory*, 1922, p. 584.
- <sup>f</sup> Estimated as same per cent of total membership as in 1910.
- <sup>g</sup> No data are available for the female Canadian membership of American unions. It was assumed, in obtaining the figures in this column, that the proportion of female members in Canada was the same as the proportion of total members.

TABLE VI.—EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER ENGAGED IN EACH SPECIFIED OCCUPATION IN EACH INDUSTRY OR SERVICE GROUP, 1920.

CLASSIFIED BY SEX

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Extraction of Minerals.....	1,018,967	1,016,293	2,674	418,000	418,000	.....	United Mine Workers.....	41.0	41.1	.....
Coal mines.....	733,936	732,441	1,495	373,800	373,800	.....		50.9	51.0	.....
Copper, gold and silver, iron, lead and zinc, other specified and not specified mines.	148,847	148,471	376	20,700	20,700	.....	Mine, Mill and Smelter Workers.....	13.9	13.9	.....
Quarries.....	45,162	45,084	78	2,600	2,600	.....		5.8	5.8	.....
Production of Salt, Oil and Natural Gas.....	91,022	90,297	725	20,900	20,900	.....	Oil and Gas Well Workers..	23.0	23.1	.....
Manufacturing.....	8,775,543	7,151,858	1,623,685	2,035,500	1,737,700	297,800		23.2	24.3	18.3
Chemical and Allied Industries..	187,291	164,640	22,651	300	300	.....	Powder Workers.....	0.2	0.2	.....
Charcoal and coke works.....	11,106	11,044	62	.....	.....	.....		1.9	2.4	.....
Fertilizer factories.....	14,350	14,160	190	.....	.....	.....				
Oil refineries.....	40,686	39,795	891	.....	.....	.....				
Paint factories.....	10,362	9,363	999	.....	.....	.....				
Powder, cartridge, dynamite, fuse and fireworks factories.	15,846	12,632	3,214	300	300	.....				
Soap factories, turpentine distilleries and other chemical factories.....	94,941	77,646	17,295	.....	.....	.....				

TABLE VI. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1920 — Continued

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organisation	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Manufacturing (continued)										
Clay, Glass and Stone Industries.	241,221	223,635	17,586	51,900	50,400	1,500		21.5	22.5	8.5
Brick, tile and terra cotta factories.....	58,623	57,456	1,167	5,200	5,200	.....	Brick and Tile Workers.....	8.9	9.1	.....
Glass factories.....	82,912	73,152	9,760	23,100	23,100	.....	Flint Glass Workers.....	27.9	31.6	.....
				9,600	9,600	.....	Glass Bottle Blowers.....			
				9,700	9,700	.....	Window Glass Workers.....			
				3,800	3,800	.....				
Lime, cement and gypsum factories.....	37,684	37,310	374	15,600	15,600	.....	Granite Cutters.....	47.7	47.8	.....
Marble and stone yards.....	32,729	32,635	94	11,200	11,200	.....	Marble Workers.....			
				1,200	1,200	.....	Stone Cutters.....			
				3,200	3,200	.....	Potters, Operative.....	27.3	28.2	24.2
Potteries.....	29,273	23,082	6,191	8,000	6,500	1,500		57.8	76.6	46.0
Clothing Industries.....	599,857	231,349	368,508	346,500	177,100	169,400	Cloth, Hat and Cap Makers.			
				10,100	7,700	2,400	Clothing Workers, Amal....			
				167,200	101,100	66,100	Garment Workers, United...			
				44,600	13,500	31,100	Glove Workers.....			
				900	300	600	Hatters, United.....			
				10,500	8,500	2,000	Ladies' Garment Workers...			
				101,700	36,400	65,300	Tailors, Journeymen.....			
				11,500	9,600	1,900				
				91,200	86,000	5,200	Bakery Workers.....	19.4	22.8	5.6
Food and Kindred Products.....	469,642	376,502	93,140	26,900	26,900	.....		21.2	24.7	.....
Bakeries.....	126,696	109,074	17,622							
Butter and cheese factories...	34,031	30,270	3,761							





TABLE VI. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1920 — Continued

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
<b>Manufacturing (continued)</b>										
Other Leather.....	108,435	97,597	10,838	14,900	11,800	3,100	Leather Workers.....	13.7	12.1	28.6
Liquor and Beverage Industries.	26,185	25,255	930	32,300	32,100	200	Leather Goods Workers, Fancy.....			
Lumber and Furniture Industries	642,856	610,591	32,265	116,600	116,600		Brewery Workers.....	18.1	19.1	21.5
				4,300	4,300		Coopers.....			....
				88,700	88,700		Carpenters.....			
				4,000	4,000		Painters.....			
				2,900	2,900		Piano and Organ Workers...			
				10,000	10,000		Timber Workers.....			
				5,500	5,500		Upholsterers.....			
				1,200	1,200		Wood Carvers.....			
Metal Industries (except Iron and Steel).....	415,396	345,001	70,395	53,700	53,700		Diamond Workers.....	12.9	15.6	....
				600	600		Electrical Workers.....			
				33,800	33,800		Jewelry Workers.....			
				7,100	7,100		Metal Polishers.....			
				12,200	12,200	500	Machine Printers.....	7.9	10.3	1.3
Paper and Pulp Industries.....	147,917	108,348	39,569	11,700	11,200	500	Paper Makers.....			
				500	500		Print Cutters.....			
				6,300	6,300		Pulp and Paper Mill Workers			
				400	400					
				4,500	4,000	500				



TABLE VI. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1920 — *Continued*

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Transportation.....	2,985,804	2,774,153	211,651	1,113,800	1,100,000	13,800		37.3	39.7	6.5
Water transportation.....	184,627	184,213	414	157,900	157,900	.....	Longshoremens Marine Engineers..... Masters, Mates and Pilots.. Seamen.....	85.5	85.7	.....
Construction and maintenance of streets, roads, sewers and bridges.....	131,467	131,196	271	10,900	10,900	.....	Pavers..... Paving Cutters..... Steam Shovelmen..... Street Railway Employees.. Teamsters and Chauffeurs..	8.3	8.3	.....
Electric and street railways.....	163,992	163,076	916	86,800	86,800	.....	Locomotive Engineers..... Locomotive Firemen.....	52.9	53.2	.....
Teamsters and chauffeurs.....	925,895	923,897	1,998	110,100	110,100	.....	Maintenance of Way Employees..... Railroad Patrolmen..... Railroad Signalmen..... Railroad Station Agents..... Railroad Stationmen.....	11.9	11.9	.....
Steam railroads.....	1,119,411	1,109,161	10,250	643,400	643,400	.....	Railroad Station Employees	57.5	58.0	.....

Express companies.....	23,520	23,389	131	170,400	170,400	.....	Railroad Trainmen.....	24.8	25.2	....
Post.....	91,451	90,131	1,320	52,500	52,500	.....	Railway Conductors.....			
				1,200	1,200	.....	Sleeping Car Conductors.....			
				13,900	13,900	.....	Switchmen.....			
				3,000	3,000	.....	Tunnel Constructors.....			
Telegraph and telephone.....	323,821	127,650	196,171	22,700	22,700	.....	Letter Carriers.....	25.4	53.7	7.0
				22,400	22,400	.....	Letter Carriers, Rural.....			
				300	300	.....	Commercial Telegraphers.....			
				82,300	68,500	13,800	Electrical Workers.....			
				2,900	2,900	.....	Railroad Telegraphers.....			
				11,600	.....	11,600				
Other and not specified transportation.....	21,620	21,440	180	67,800	65,600	2,200				
<b>Building Trades.....</b>	<b>2,397,391</b>	<b>2,380,407</b>	<b>16,984</b>	<b>611,600</b>	<b>611,600</b>	<b>.....</b>	<b>Asbestos Workers.....</b>	<b>25.5</b>	<b>25.7</b>	<b>....</b>
				2,100	2,100	.....	Bricklayers and Masons.....			
				69,500	69,500	.....	Bridge and Iron Workers.....			
				24,000	24,000	.....	Carpenters.....			
				237,700	237,700	.....	Electrical Workers.....			
				36,600	36,600	.....	Elevator Constructors.....			
				3,000	3,000	.....	Hod Carriers.....			
				40,700	40,700	.....	Lathers.....			
				5,700	5,700	.....	Painters.....			
				80,000	80,000	.....	Plasterers.....			
				18,000	18,000	.....	Plumbers.....			
				71,700	71,700	.....	Roofers, Composition.....			
				1,700	1,700	.....	Sheet Metal Workers.....			
				20,900	20,900	.....	Steam Engineers.....	12.4	12.4	....
Stationary Engineers.....	242,096	242,064	32	30,000	30,000	.....	Stationary Firemen.....	19.9	19.9	....
Stationary Firemen.....	143,875	143,862	13	28,600	28,600	.....				

TABLE VI. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1920 — Continued

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
<b>Trade</b> .....	1,937,600	1,380,929	556,671	20,400	17,500	2,900		1.1	1.3	0.5
Clerks and salespeople in stores.....	1,591,412	1,059,873	531,539	20,400	17,500	2,900	Retail Clerks.....	1.3	1.7	0.5
Laborers.....	346,188	321,056	25,132							
<b>Professional Service</b> .....	2,143,889	1,127,391	1,016,498	115,200	100,000	15,200		5.4	8.9	1.5
Professional.....	1,995,622	1,042,072	953,550	96,100	80,900	15,200		4.8	7.8	1.6
				9,000	5,100	3,900	Actors.....			
				3,500	3,500	.....	Draftsmen.....			
				65,000	62,400	2,600	Musicians.....			
				8,600	3,400	5,200	Teachers, Amer. Fed.....			
				10,000	6,500	3,500	Vaudeville Artists.....			
<b>Semi-professional</b> .....	116,555	70,626	45,929							
Attendants and Helpers.....	31,712	14,693	17,019	19,100	19,100	.....	Theatrical Stage Employees.			
<b>Domestic and Personal Service</b> .....										
Wage Earners.....	2,902,955	967,445	1,935,510	109,000	97,400	11,600		3.8	10.1	0.6
				42,700	42,700	.....	Barbers.....			
				58,300	52,900	5,400	Hotel Employees.....			
				8,000	1,800	6,200	Laundry Workers.....			
<b>Clerical Groups</b> .....	2,966,616	1,556,351	1,410,265	244,800	206,200	38,600		8.3	13.2	2.7
Bookkeepers, cashiers and ac- countants.....	734,688	375,564	359,124	244,800	206,200	38,600	Post Office Clerks, Nat.....			
Clerks (except in stores).....	1,503,772	1,031,609	472,163	25,000	22,000	3,000	Post Office Clerks, Utd.....			
				176,000	143,000	33,000	Railway Clerks.....			
				14,800	14,800	.....	Railway Mail Association.....			



TABLE VII. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER ENGAGED IN EACH SPECIFIED OCCUPATION IN EACH INDUSTRY OR SERVICE GROUP, 1910

CLASSIFIED BY SEX

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Extraction of Minerals.....	957,851	956,870	981	261,088	261,088	.....		27.3	27.3	.....
Coal Mines.....	640,581	640,176	405	226,228	226,228	.....	I. W. W. (Chicago).....	35.3	35.3	.....
				200	200	.....	United Mine Workers.....			
				226,028	226,028	.....				
Copper, gold and silver, iron, lead and zinc, other specified and not specified mines.	193,875	193,995	180	28,551	28,551	.....	West. Fed. of Miners.....	14.7	14.7	.....
Quarries.....	85,919	85,874	45	6,309	6,309	.....	A. F. of L., local unions....	7.3	7.3	.....
				9	9	.....	Slate Workers.....			
				1,400	1,400	.....	Quarry Workers.....			
				4,900	4,900	.....				
Production of Salt, Oil and Natural Gas.....	37,476	37,125	351							
Manufacturing.....	6,261,202	5,076,989	1,184,213	724,859	663,735	61,124		11.6	13.1	5.2
Chemical and Allied Industries..	119,430	103,664	15,866	1,618	1,518	100		1.4	1.5	0.6
Charcoal and Coke Works....	23,294	23,259	35	1,350	1,350	.....	United Mine Workers.....	5.8	5.8	.....
				500	500	.....	A. F. of L., local unions....			
				850	850	.....				
Fertilizer factories.....	10,525	10,422	103							
Oil refineries.....	14,653	14,513	140							
Paint factories.....	7,013	6,264	749							

Powder, cartridge, dynamite, fuse and fireworks factories	9,559	6,822	2,737	238	138	100	Powder Workers.....	2.5	2.0	3.7
Soap factories, turpentine dis- tilleries, and other chemical factories.....	54,386	42,284	12,102	30	30	.....	A. F. of L., local unions.....	0.0	0.0	.....
Clay, Glass and Stone Industries.	309,341	297,284	12,057	63,416	63,318	98		20.5	21.3	0.8
Brick, tile and terra cotta fac- tories.....	98,547	97,164	1,383	3,800	3,800	.....	Brick Workers.....	3.9	3.9	.....
Glass factories.....	83,641	78,595	5,046	28,619	28,619	.....	Flint Glass Workers.....	34.2	36.4	.....
				8,729	8,729	.....	Glass Bottle Blowers.....			
				9,685	9,685	.....	Glass Workers.....			
				1,405	1,405	.....	Window Glass Snappers.....			
				1,800	1,800	.....	Window Glass Workers.....			
				7,000	7,000	.....				
Lime, cement and gypsum factories.....	45,226	44,945	281	25,217	25,217	.....	Granite Cutters.....	45.4	45.6	.....
Marble and stone yards.....	55,558	55,334	224	13,113	13,113	.....	Marble Workers.....			
				2,458	2,458	.....	Sculptors and Carvers, N.Y.			
				171	171	.....	Stone Cutters.....			
				8,356	8,356	.....	Stone Cutters, Nat. Soc.....			
				800	800	.....	Stone Cutters, Soc., N. Y.....			
				200	200	.....	A. F. of L., local unions.....			
				119	119	.....				
Potteries.....	26,369	21,246	5,123	5,780	5,682	98	Potters.....	21.9	26.7	1.9
				5,680	5,582	98	A. F. of L., local unions.....			
				100	100	.....				
				102,972	71,163	31,809	A. F. of L., local unions.....	16.9	21.9	11.2
				875	875	.....	Cap Makers.....			
				1,466	1,307	159	Garment Workers, United....			
				52,665	33,232	19,433	Glove Workers.....			
				800	435	365				
Clothing Industries.....	608,892	324,749	284,143							



TABLE VII. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1910 — Continued

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized	
	Total	Male	Female	Total	Male	Female		Total	Male
<b>Manufacturing (continued)</b>									
Food and Kindred Products....	299,176	252,618	46,558	10,334	10,334	.....	Hatters.....		
Bakeries.....	105,599	94,028	11,571	300	300	.....	I. W. W. (Detroit).....		
Butter and cheese factories..	16,558	15,896	662	25,999	14,877	11,122	Ladies' Garment Workers...		
Candy factories.....	34,391	15,887	18,504	10,533	9,803	730	Tailors.....	7.6	9.0
Fish curing and packing.....	7,694	6,471	1,223	22,744	22,744	.....	Bakery Workers.....	17.4	19.6
Flour and grain mills.....	36,425	36,029	396	300	300	.....	Flour Mill Employees.....	0.8	0.8
Fruit and vegetable canning..	10,011	5,858	4,153	3,859	3,859	.....	Meat Cutters.....	6.3	6.7
Slaughter and packing houses.	61,417	57,548	3,869	1,784	1,784	.....	Butcher Workmen.....		
				1,975	1,975	.....	I. W. W. (Chicago).....		
				100	100	.....	A. F. of L., local unions....	1.6	1.7
				175	175	.....	Molders.....	10.4	10.5
Sugar factories and refineries..	10,890	10,565	325	186,169	186,169	.....	Metal Polishers.....		
Other food factories.....	16,191	10,336	5,855	46,438	46,438	.....	Iron, Steel and Tin Workers		
Iron and Steel Industries.....	1,796,387	1,768,140	28,247	6,423	6,423	.....	Carriage Workers.....		
				5,500	5,500	.....	Car Workers.....		
				1,100	1,100	.....	Electrical Workers.....		
				5,000	5,000	.....			
				15,000	15,000	.....			



TABLE VII. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1910 — Continued

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized			
	Total	Male	Female	Total	Male	Female		Total	Male	Female	
											Total
Manufacturing—(continued)							I. W. W. (Detroit).....				
				200	200		I. W. W. (Chicago).....				
				1,300	1,300		Piano Workers.....				
				3,606	3,606		Saw Mill Workers.....				
				600	600		Saw Smiths.....				
				300	300		Timber Workers.....				
				1,800	1,800		Wood Carvers.....				
				1,170	1,170		Wood Workers.....				
				3,200	3,200		Upholsterers.....				
				2,800	2,800						
		392,152	347,985	44,167	25,513	25,513		6.5	7.3	.....	
	Metal Industries (except Iron and Steel).....				10,500	10,500		Electrical Workers.....			
					310	310		Diamond Workers.....			
				2,500	2,500		Iron, Steel and Tin Workers				
				400	400		Jewelry Workers.....				
				5,435	5,435		Metal Polishers.....				
				612	612		Molders.....				
				800	800		Tin Plate Workers.....				
				200	200		Watch Case Engravers.....				
				4,636	4,636		West. Fed. of Miners.....				
				120	120		A. F. of L., local unions.....				
				2,683	2,412	271					
		101,797	68,677	33,120	500	500	Machine Printers.....	2.6	3.5	0.8	
Paper and Pulp Industries.....					700	450	250	Paper Mill Workers.....			
				1,400	1,379	21	Paper Makers.....				

Printing and Publishing.....	249,456	200,584	48,872	85,479	83	79,790	83	5,689	A. F. of L., local unions.....	34.3	39.8	11.6	
				6,956		3,305		3,651	Bookbinders.....				
				1,780		1,780			Lithographers.....				
				900		900			Litho. Press Feeders.....				
				350		350			Lithographic Workers.....				
				3,446		3,443		3	Photo Engravers.....				
				340		340			Poster Artists.....				
				400		400			Print Cutters.....				
				20,620		19,177		1,443	Printing Pressmen.....				
				45,462		44,870		592	Typographical Union.....				
				1,262		1,262			Steel Plate Printers.....				
				100		100			Steel Plate Transferers.....				
				3,863		3,863			Stereotypers.....				
	Textile Industries.....	800,251	404,368	395,883	29,862	19,377	10,485	10,485	Brussels' Workers, Auburn, Mass.....		3.7	4.8	2.6
					35	35				Carpet Weavers, Worcester, Mass.....			
					350	350				Cloth Weavers.....			
					5,000	2,500	2,500		2,500	I. W. W. (Chicago).....			
				4,300	2,180	2,120		2,120	I. W. W. (Detroit).....				
				300	300				Lace Operatives.....				
				800	800				Loom Fixers.....				
				940	940				Machine Textile Printers.....				
				374	374				Sailmakers' Soc. of N. Y.....				
				127	127				Spinners.....				
				2,746	2,746			5,865	Textile Workers.....				
				13,033	7,168				Warpers, Philadelphia.....				
				134	134				Woolsorters.....				
				1,600	1,600				A. F. of L., local unions.....				
				123	123								

TABLE VII. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1910 — *Continued*

Name of Industry or Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized	
	Total	Male	Female	Total	Male	Female		Total	Male
Manufacturing (continued)									
Miscellaneous Industries									
Broom and brush factories....	12,922	10,563	2,359	897	897	.....	Broom Makers.....	6.9	8.5
Button factories.....	12,879	7,748	5,131	32	32	.....	Brush Makers.....	0.2	0.4
Cigar and tobacco factories....	170,904	93,702	77,202	45,892	39,730	6,162	A. F. of L., local unions....	26.9	42.4
				41,652	37,854	3,798	Cigarmakers.....		
				3,940	1,576	2,364	Tobacco Workers.....		
				100	100	.....	I. W. W. (Chicago).....		
Gas Works.....	22,783	22,723	60	200	200	.....	I. W. W. (Detroit).....	2.7	2.7
Rubber factories.....	45,864	34,059	11,805	605	605	.....	A. F. of L., local unions....	0.1	0.1
Straw factories.....	6,458	2,377	4,081	50	50	.....	A. F. of L., local unions....	10.6	28.8
				684	684	.....	Cap Makers.....		
				284	284	.....	Straw Hatters.....		
				400	400	.....			
Other miscellaneous and not specified industries.....	323,534	239,128	84,406	494,662	493,702	960		17.1	17.7
Transportation.....	2,890,610	2,784,581	106,029	59,098	59,098	.....	Engineers.....	28.9	29.0
Water transportation.....	204,680	203,826	854	3,108	3,108	.....	Longshoremen.....		
				19,600	19,600	.....	Masters, Mates and Pilots..		
				6,000	6,000	.....	Marine Engineers.....		
				9,900	9,900	.....	Seamen.....		
				13,800	13,800	.....			



TABLE VII. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1910 — *Continued*

Occupation	Number of Wage Earners in Industry or Occupation			Number of Members of Trade Unions in Industry or Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Transportation (continued)										
Telegraph and telephone.....	206,561	109,562	96,999	21,091	20,131	960	Commercial Telegraphers...	10.2	18.4	1.0
Other not specified transportation.....	3,575	3,571	4	407,174	407,174	.....	Railroad Telegraphers.....			
Building Trades.....	2,480,395	2,461,652	18,743	500	500	.....	A. F. of L., local unions.....			
				65,311	65,311	.....	Asbestos Workers.....	16.4	16.5	.....
				9,998	9,998	.....	Bricklayers.....			
				6,444	6,444	.....	Bridge Workers.....			
				4,950	4,950	.....	Building Laborers.....			
				156,541	156,541	.....	Carpenters, Amal.....			
				8,975	8,975	.....	Carpenters, United.....			
				600	600	.....	Cement Workers.....			
				10,500	10,500	.....	Compressed Air Workers...			
				2,067	2,067	.....	Electrical Workers.....			
				10,848	10,848	.....	Elevator Constructors.....			
				150	150	.....	Hod Carriers.....			
				400	400	.....	I. W. W. (Chicago).....			
				5,391	5,391	.....	I. W. W. (Detroit).....			
				105	105	.....	Lathers, Wood, Wire.....			
				61,618	61,618	.....	Mosaic and Terrazzo Workers, N. Y.....			
				13,629	13,629	.....	Painters.....			
				24,015	24,015	.....	Plasterers.....			
						.....	Plumbers.....			

Stationary Engineers.....	215,053	215,043	10	1,190	1,190	500	1,190	Roofers, Composition.....	4.6	4.6	....
Stationary Firemen.....	84,685	84,685	.....	500	500	15,068	500	Roofers, Slate and Tile.....	1.0	1.1	0.5
Trades.....	1,563,117	1,181,121	381,996	15,068	15,000	5,600	12,900	Sheet Metal Workers.....	1.1	1.4	0.5
Clerks and salespeople in stores.....	1,308,313	938,999	369,314	5,600	15,000	567	12,900	Steam Fitters.....	4.6	4.6	....
Laborers.....	254,804	242,122	12,682	567	1,702	1,702	8,100	Stone Cutters.....	9.6	9.6	....
Professional Service.....	1,693,361	959,470	733,891	1,702	77,976	71,976	6,000	Tile Layers.....	7.5	7.5	0.
Professional.....	1,611,695	904,422	707,273	505	68,700	62,760	6,000	A. F. of L., local unions.....	4.3	6.9	0.8
Semi-professional.....	64,926	44,532	20,394	9,900	9,216	9,216	.....	Steam Engineers.....	55.1	87.6	....
Attendants and helpers.....	16,740	10,516	6,224	8,100	62,719	60,747	1,972	Stationary Firemen.....	2.0	6.3	0.1
Domestic and Personal Service									1.8	2.7	0.1
Wage Earners.....	3,185,907	960,984	2,224,923	15,000	28,853	28,221	632		3.9	4.6	0.5
Clerical.....	1,647,166	1,062,744	584,422	15,000	28,853	28,221	632		2.5	2.6	....
Bookkeepers, cashiers and ac- countants.....	486,700	299,545	187,155	15,000	28,853	28,221	632				
Clerks (except in stores).....	735,738	613,073	122,665	15,000	28,853	28,221	632				
Messenger boys, etc.....	108,035	96,748	11,287	15,000	28,853	28,221	632				
Stenographers and typists.....	316,693	53,378	263,315	15,000	28,853	28,221	632				
Public Service.....	476,347	462,448	13,899	15,000	28,853	28,221	632				
Agriculture				15,000	28,853	28,221	632				
Wage Earners.....	3,143,773	2,793,832	349,941	11,843	11,843	11,843	.....				

FOOTNOTE TO TABLE VII

The figures in this table are taken from the table published in "The Extent of Labor Organization in the United States in 1910," *Quarterly Journal of Economics*, May, 1916, p. 606 and they are explained in that article. The statistics for "trade," "professional service," "domestic and personal service," "clerkal workers," "public service" and "agriculture" are taken from table IV.



TABLE VIII.—EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER ENGAGED IN CERTAIN SELECTED OCCUPATIONS: 1920

Occupation	Number of Persons in Occupation*			Number of Members of Trade Unions in Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Actors and showmen.....	48,172	33,818	14,354	19,000	11,600	7,400	Actors and Artists.....	39.4	34.3	51.6
Bakers.....	126,696	109,074	17,622	26,900	26,900	.....	Bakery Workers.....	21.2	24.7	.....
Barbers.....	182,965	182,965	.....	42,700	42,700	.....	Barbers.....	23.3	23.3	.....
Blacksmiths, forgemen, and hammermen.....	295,313	295,313	.....	51,900	51,900	.....	Blacksmiths.....	17.6	17.6	.....
Brick and stone masons.....	138,878	138,878	.....	69,500	69,500	.....	Bricklayers.....	50.0	50.0	.....
Carpenters and joiners.....	892,005	892,005	.....	360,900	360,900	.....	Carpenters.....	40.5	40.5	.....
Compositors, linotypers, and typesetters.....	140,165	128,859	11,306	5,700	5,700	.....	Lathers.....	.....	.....	.....
Electrotypers and stereotypers....	5,484	5,484	.....	65,100	63,100	2,000	Typographical Union.....	46.4	49.0	17.7
Locomotive engineers.....	109,899	109,899	.....	80,400	80,400	.....	Stereotypers.....	.....	.....	.....
Locomotive firemen.....	91,345	91,345	.....	117,100	117,100	.....	Locomotive Engineers.....	73.2	73.2	.....
							Locomotive Firemen.....	.....	.....	.....

Machinists and millwrights.....	934,102	934,102	.....	316,700	316,200	500	Machinists.....	33.9	33.9	....
Mail carriers.....	91,451	90,131	1,320	22,700	22,700	.....	Letter Carriers.....	24.8	25.2	....
Molders, founders, casters (metal) and coremakers.....	123,668	123,668	.....	53,700	53,700	.....	Molders.....	43.4	43.4	....
Musicians and teachers of music...	130,265	57,587	72,678	65,000	62,400	2,600	Musicians.....	.....	.....	....
Painters, glaziers, varnishers, enam- elers and paperhangers.....	343,541	339,798	3,743	100,000	100,000	.....	Painters.....	29.1	29.4	....
Pattern makers.....	27,663	27,663	.....	8,400	8,400	.....	Pattern Makers.....	30.3	30.3	....
Plasterers.....	38,647	38,647	.....	18,000	18,000	.....	Plasterers.....	46.6	46.6	....
Plumbers and gas and steam fitters.	214,101	214,101	.....	71,700	71,700	.....	Plumbers.....	33.5	33.5	....
Railway conductors.....	74,539	74,539	.....	53,700	53,700	.....	Railway Conductors.....	72.0	72.0	....
Stationary engineers.....	242,064	242,064	.....	30,000	30,000	.....	Sleeping Car Conductors.....	12.4	12.4	....
Stationary firemen.....	143,862	143,862	.....	28,600	28,600	.....	Stationary Firemen.....	19.9	19.9	....
Teachers (school).....	752,055	116,848	635,207	8,600	3,400	5,200	Amer. Fed. of Teachers.....	1.1	2.9	0.8
Teamsters.....	925,895	923,897	1,998	110,100	110,100	.....	Teamsters.....	11.9	11.9	....
Telephone operators.....	190,160	11,781	178,379	11,600	.....	11,600	Electrical Workers.....	6.1	...	6.5

\* Figures in these columns are taken from U. S. Census of Occupations, 1920.

TABLE IX. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER ENGAGED IN CERTAIN SELECTED OCCUPATIONS: 1910\*

Occupation	Number of Persons in Occupation			Number of Members of Trade Unions in Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Actors and showmen.....	48,393	35,293	13,100	9,100	7,100	2,000	18.8	20.1	15.3	
Bakers.....	117,141	105,898	11,243	8,000	1,100	2,000	16.1	17.8	.....	
Barbers.....	172,946	172,946	.....	18,830	18,830	.....	15.2	15.2	.....	
Bartenders.....	101,234	100,984	250	26,310	26,310	.....	25.3	25.4	.....	
Blacksmiths, forgers, and hammermen.....	240,519	240,488	31	16,150	16,150	.....	6.7	6.7	.....	
Bookbinders.....	39,270	18,179	21,091	7,150	7,150	.....	17.7	18.2	17.3	
Brakemen.....	92,111	92,111	.....	6,956	3,305	3,651	54.7	54.7	.....	
Brick and stone masons.....	169,402	169,387	15	900	900	.....	39.1	39.1	.....	
Brick, tile and terra cotta workers.	98,547	97,164	1,383	49,450	49,450	.....	3.9	3.9	.....	
Carders, combers and lappers.....	23,956	18,050	5,906	66,179	66,179	.....	5.6	5.0	7.5	
				63,678	63,678	.....				
				105	105	.....				
				567	567	.....				
				1,702	1,702	.....				
				127	127	.....				
				3,800	3,800	.....				
				1,350	909	441				

Carpenters and joiners.....	817,120	817,082	38	169,820 4,950 156,541 2,052 886 5,391	169,820 4,950 156,541 2,052 886 5,391	..... ..... ..... ..... ..... .....	.....	.....	.....	
Compositors, linotypers, and type- setters.....	127,589	113,538	14,051	44,522	43,956	566	Typographical Union.....	34.9	38.7	4.0
Cooks.....	450,440	117,004	333,436	1,939	1,939	.....	Hotel Employees.....	0.4	1.6	.....
Coopers.....	25,299	25,292	7	4,346	4,346	.....	Coopers.....	17.2	17.2	.....
Electrotypers and stereotypers....	4,368	4,268	100	3,863	3,863	.....	Stereotypers.....	88.4	90.5	.....
Glove workers.....	12,343	4,266	8,077	800	435	365	Glove Workers.....	6.5	10.2	4.5
Locomotive engineers.....	96,229	96,229	.....	71,401	71,401	.....	Locomotive Engineers.....	74.2	74.2	.....
Locomotive firemen.....	76,381	76,381	.....	56,781	56,781	.....	Locomotive Firemen.....	.....	.....	.....
Loomfixers.....	13,254	13,254	.....	14,520	14,520	.....	Railroad Trainmen.....	36.6	36.6	.....
Machinists and millwrights.....	478,786	478,713	73	27,938 27,763 175 3,020 940	27,938 27,763 175 3,020 940	.....	Locomotive Firemen.....	22.8	22.8	.....
Mail carriers.....	80,678	79,667	1,011	2,080	2,080	.....	Textile Workers.....	11.1	11.1	.....
Metal polishers.....	55,983	52,910	3,073	53,160 51,900 1,260	53,160 51,900 1,260	.....	Machinists.....	.....	.....	.....
Molders, founders, casters (metal) and coremakers.....	139,215	137,262	1,953	26,034 8,895	26,034 8,895	.....	Metal Workers.....	32.3	32.7	.....
Musicians and teachers of music...	139,310	54,832	84,478	47,050 59,640 57,740 1,900	47,050 55,640 53,890 1,750	.....	Letter Carriers.....	15.9	16.8	.....
						.....	Metal Polishers.....	33.8	34.3	.....
						.....	Molders.....	.....	.....	.....
						.....	Musicians.....	.....	.....	.....
						.....	Musical and Theatrical Union.....	.....	.....	.....

TABLE IX. — EXTENT OF ORGANIZATION AMONG PERSONS TEN YEARS OF AGE AND OVER, 1910 — Continued

Occupation	Number of Persons in Occupation			Number of Members of Trade Unions in Occupation			Name of Organization	Percentage Organized		
	Total	Male	Female	Total	Male	Female		Total	Male	Female
Painters, glaziers, varnishers, enam- elers and paperhangers.....	362,932	359,594	3,338	63,800	63,800	.....	Painters.....	17.6	17.7	....
Pattern makers.....	14,869	14,775	94	130	130	.....	Railway Carmen..... A. F. of L., local unions.....	38.0	38.3	....
Plasterers.....	47,682	47,676	6	15,262	15,262	.....	Pattern Makers..... Railway Carmen.....	32.0	32.0	....
Plumbers and gas and steam fitters	148,304	148,304	.....	13,629	13,629	.....	Bricklayers..... Plasterers.....	20.7	20.7	....
Potters.....	15,591	13,536	2,055	1,026	1,026	.....	Plumbers.....	36.4	41.2	4.8
Printers (textile).....	2,250	2,057	193	5,680	5,582	98	Railway Carmen..... Steam Fitters.....	16.6	18.2	....
Railway conductors.....	65,604	65,604	.....	374	374	.....	Potters..... Machine Textile Printers...	87.0	87.0	....
Retail clerks.....	1,264,421	902,340	362,081	57,056	57,056	.....	Locomotive Firemen..... Railway Conductors..... Railroad Trainmen.....	1.2	1.4	0.6
Spinners.....	74,059	27,785	46,274	200	200	.....	Retail Clerks.....	6.9	18.4	....
				5,126	5,126	.....	Spinners.....			
				2,746	2,746	.....	Textile Workers, Utd.....			
				2,380	2,380	.....				

Stonecutters .....	35,731	35,726	5	24,694 13,235 2,458 800 171 7,830 200 14,275 375	24,694 13,235 2,458 800 171 7,830 200 14,275 375	69.1	69.1	Granite Cutters..... Marble Workers..... Nat. Assn. Stonecutters..... Sculptors and Carvers, N.Y. Stonecutters..... Stonecutters' Soc. of N. Y. ....
Switchmen, flagmen and gatemen..	73,419	73,367	52	1,100 5,400 7,400 68,726 420 16,448 150 41,648 10,000 60	1,100 5,400 7,400 68,726 420 16,448 150 41,648 10,000 60	19.4	19.5	Locomotive Firemen..... Railroad Signalmen..... Railroad Trainmen..... Switchmen..... Bakery Workers..... Brewery Workers..... Laundry Workers..... Teamsters..... Teamsters of Chicago..... A. F. of L., local unions.....
Teamsters.....	782,637	782,338	299	16,530 3,005 205 2,800 7,592 1,170 1,600	16,530 3,005 205 2,800 7,592 1,170 1,600	8.8	8.8	Sheet Metal Workers..... Railway Carmen..... Upholsterers..... Hotel Employees..... Wood Carvers..... Woolsorters.....
Tinsmiths, coppersmiths and solders.....	62,621	61,774	847			26.4	26.8	
Upholsterers and mattress makers.	24,347	22,130	2,217			12.3	13.6	
Waiters.....	188,293	102,495	85,798			4.0	5.5	2.3
Wood carvers.....	5,315	5,257	58			22.0	22.3	
Woolsorters and graders.....	3,576	3,102	474			44.7	51.6	

\* The figures in this table are taken from articles already cited (*Quarterly Journal of Economics*, p. 618).

