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WAGES AND HOURS OF LABOR SERIES

WAGES AND HOURS OF LABOR
IN THE BOOT AND SHOE
INDUSTRY: 1907 TO 1918



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WAGES AND HOURS OF LABOR IN THE BOOT AND SHOE INDUSTRY: 1907 TO 1918.

INTRODUCTION AND SUMMARY.

Rates of wages (or earnings) per hour, hours of labor per week, and full-time and actual weekly earnings in the year 1918 in the boot and shoe industry of the United States are presented in this report. Comparable figures for 1916, and summaries for each year from 1907 to 1918, except 1915 and 1917, are also shown. Data were not collected for 1915 and 1917.¹

In 1918 the average full-time weekly earnings of male employees in the selected occupations shown varied from \$19.36 for treers or ironers, machine, to \$32.29 for Goodyear welters.

The full-time weekly earnings of female employees varied from \$12.06 for button fasteners to \$16.11 for vampers.

A summary of the rates of wages (or earnings) and hours of labor, in 1913, 1914, 1916, and 1918, in the principal occupations of the industry, and of other employees, is presented in Table 1 which follows:

¹ Previous investigations of wages and hours of labor in boot and shoe manufacturing have been made and published by the Bureau, as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 134 (August, 1913), covering 1907 to 1912; Bulletin No. 154 (May, 1914), covering 1912 and 1913; Bulletin No. 178 (August, 1915), covering 1913 and 1914; and Bulletin No. 232 (May, 1918), covering 1914 and 1916.

6 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918.

[The figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data obtained for 1918 whether or not comparable data for 1916 were available.]

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
CUTTING DEPARTMENT.															
Cutters, vamp and whole shoe, hand, male:				\$	\$										
68 establishments...	1913	1,923	54.5	0.352	19.10	23	42	18	15	3	2	22	53	18	6
	1914	1,757	53.8	.368	19.70	38	23	27	10	2	3	17	49	21	10
69 establishments...	1914	1,667	54.1	.366	19.70	35	24	26	12	3	3	16	52	20	9
	1916	1,790	54.1	.379	20.42	33	27	26	11	3	1	16	47	26	10
106 establishments...	1916	2,257	53.9	.375	20.12	36	24	26	11	3	1	18	44	27	9
	1918	2,192	52.0	.483	25.00	70	10	14	6	.....	1	6	19	25	49
114 establishments...	1918	2,319	52.0	.484	25.06	71	11	13	6	.....	1	6	18	24	51
Cutters, vamp and whole shoe, machine, male:															
35 establishments...	1913	528	55.5	.322	17.70	11	34	24	24	7	6	32	52	7	3
	1914	568	55.1	.328	17.96	14	23	40	22	1	6	32	48	10	3
36 establishments...	1914	600	55.5	.323	17.84	10	22	42	26	1	6	33	50	8	3
	1916	728	55.4	.325	17.86	8	24	46	21	1	9	34	31	24	3
56 establishments...	1916	974	54.9	.327	17.86	15	19	51	15	1	7	31	38	20	4
	1918	1,130	52.1	.444	23.88	61	17	12	9	.....	(1)	9	26	28	37
66 establishments...	1918	1,202	52.2	.444	23.87	60	18	12	9	.....	(1)	9	26	29	36
Skivers, upper, machine, male:															
22 establishments...	1913	123	54.3	.300	16.26	9	71	15	5	.....	11	31	48	8	2
	1914	107	54.2	.304	16.47	9	70	18	3	.....	10	18	62	9	1
19 establishments...	1914	93	54.1	.318	17.21	11	76	10	3	.....	3	16	69	11	1
	1916	92	54.1	.331	17.87	12	76	9	3	.....	2	17	66	9	5
18 establishments...	1916	91	53.6	.329	17.81	12	67	14	7	.....	3	20	62	10	5
	1918	85	51.0	.437	22.31	85	12	4	.....	.....	1	7	45	24	24
23 establishments...	1918	96	50.9	.423	21.55	85	10	4	.....	.....	2	6	49	22	21
Skivers, upper, machine, female:															
65 establishments...	1913	439	54.6	.207	11.29	10	52	25	13	.....	48	45	7	1	.....
	1914	402	54.0	.211	11.35	22	48	25	5	.....	47	44	7	1	.....
72 establishments...	1914	418	54.1	.207	11.16	22	45	27	6	.....	50	43	6	1	.....
	1916	466	54.2	.205	11.09	18	52	25	5	.....	49	42	9	1	(1)
104 establishments...	1916	571	54.0	.208	11.23	21	51	24	4	.....	50	39	10	1	1
	1918	623	51.7	.266	13.71	65	29	5	.....	.....	21	46	26	6	1
121 establishments...	1918	697	51.7	.267	14.73	65	29	5	1	.....	21	45	28	5	1
SOLE-LEATHER DEPARTMENT.															
Cutters, outsole, male:															
38 establishments...	1913	186	55.2	.304	16.75	9	45	23	24	.....	2	35	60	3	.....
	1914	175	54.8	.313	17.12	6	50	33	6	5	3	30	66	1	.....
38 establishments...	1914	205	55.0	.304	16.71	2	42	43	6	5	2	41	57	(1)	.....
	1916	219	55.0	.310	17.02	3	43	41	8	5	.....	36	64	.....	(1)

1 Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
SOLE-LEATHER DEPARTMENT—concluded.															
Cutters, outsole, male—Concluded.				\$	\$										
63 establishments...	1916	324	54.5	0.304	16.57	14	30	49	6	2	...	43	56	2	(1)
	1918	374	52.3	.405	21.07	51	29	18	3	.....	(1)	6	34	54	5
76 establishments...	1918	416	52.1	.405	21.02	54	26	17	3	.....	(1)	7	34	55	4
Channelers, insole and outsole, male:															
69 establishments...	1913	190	55.4	.335	18.48	9	37	29	21	4	2	32	47	16	3
	1914	194	55.0	.337	18.51	15	25	43	15	2	3	29	47	17	4
70 establishments...	1914	202	55.1	.328	18.02	16	24	39	17	4	4	31	48	15	2
	1916	197	55.2	.336	18.51	15	24	39	18	5	5	26	52	13	4
99 establishments...	1916	235	54.6	.332	18.24	16	23	46	11	4	5	29	53	9	5
	1918	225	52.6	.431	22.54	56	16	21	7	(1)	1	12	32	29	27
122 establishments...	1918	268	52.5	.430	22.42	57	16	19	7	(1)	1	12	32	27	28
											Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 and under 30 cts.	30 cents and over.
FITTING OR STITCHING DEPARTMENT.															
Tip stitchers, female:															
75 establishments...	1913	329	54.6	.218	11.91	11	52	24	13	.....	4	17	23	42	14
	1914	328	54.1	.218	11.82	17	55	23	4	.....	6	13	22	45	14
75 establishments...	1914	326	54.2	.218	11.81	17	52	25	5	.....	6	13	23	45	13
	1916	326	54.2	.226	12.24	18	55	22	5	.....	4	11	22	49	15
114 establishments...	1916	416	54.0	.230	12.64	19	58	18	5	.....	3	12	20	48	16
	1918	407	51.8	.290	14.95	66	29	5	.....	.....	1	5	13	37	45
125 establishments...	1918	437	51.8	.288	14.86	66	29	5	1	.....	1	5	13	37	44
Backstay stitchers, female:															
73 establishments...	1913	379	54.6	.192	10.49	6	54	30	10	.....	6	24	31	33	7
	1914	399	54.2	.196	10.59	13	57	26	4	.....	8	23	25	39	5
72 establishments...	1914	381	54.3	.198	10.72	14	50	31	5	.....	8	21	25	40	6
	1916	405	54.2	.207	11.23	13	58	23	6	.....	8	15	26	43	8
111 establishments...	1916	536	54.0	.211	11.41	18	57	20	4	.....	7	15	24	43	11
	1918	500	51.8	.264	13.62	62	33	5	.....	.....	2	7	16	44	31
124 establishments...	1918	560	51.9	.261	13.49	60	34	4	1	.....	2	8	15	45	30
Lining makers, female:															
76 establishments...	1913	833	54.5	.190	10.31	9	55	24	12	.....	13	21	25	36	6
	1914	804	53.9	.188	10.15	23	51	22	4	.....	12	21	27	35	5
76 establishments...	1914	796	54.1	.190	10.24	23	46	25	6	.....	12	20	28	36	5
	1916	769	54.1	.200	10.78	19	53	20	7	.....	11	18	24	39	8
120 establishments...	1916	961	53.9	.198	10.68	22	55	17	6	.....	10	19	25	39	7
	1918	1,055	51.5	.242	12.42	69	28	3	.....	.....	2	11	19	45	22
132 establishments...	1918	1,138	51.5	.241	12.35	68	28	3	1	.....	3	12	19	44	22

¹ Less than 1 per cent.

8 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 and under 30 cts.	30 cents and over.
FITTING OR STITCHING DEPARTMENT—CON.															
Closers-on, female:															
69 establishments...	1913	337	54.4	\$ 0.191	\$ 10.39	9	60	22	9	.....	8	27	25	35	5
	1914	325	53.8	9.193	10.36	25	52	19	3	.....	10	21	26	40	4
51 establishments...	1914	259	53.8	.195	10.51	25	48	23	4	.....	8	20	27	40	5
	1916	249	53.8	.199	10.69	22	61	12	4	.....	8	20	26	42	4
68 establishments...	1916	305	53.4	.201	10.77	30	59	9	2	.....	8	18	27	43	4
	1918	287	52.1	.235	12.24	55	36	9	.....	3	14	18	46	19	
90 establishments...	1918	351	52.0	.237	12.28	58	33	8	1	.....	3	13	18	47	19
Top stitchers or under-trimmers, female:															
77 establishments...	1913	1,033	54.5	.211	11.46	12	54	23	11	.....	4	20	23	45	9
	1914	1,005	54.1	.211	11.39	21	52	22	5	.....	5	17	24	45	8
77 establishments...	1914	1,004	54.1	.212	11.46	21	51	23	6	.....	5	16	25	45	9
	1916	1,101	54.1	.214	11.55	18	56	21	5	.....	5	16	23	47	9
123 establishments...	1916	1,392	54.0	.220	11.84	20	58	18	4	.....	4	15	22	48	11
	1918	1,262	51.5	.287	14.61	68	28	3	.....	1	4	11	42	42	
135 establishments...	1918	1,364	51.6	.285	14.57	67	29	3	1	.....	1	4	11	42	41
Button fasteners, female:															
66 establishments...	1913	221	54.7	.196	10.70	13	57	10	21	.....	11	25	28	26	10
	1914	198	53.7	.197	10.57	29	53	13	5	.....	11	21	30	28	9
60 establishments...	1914	189	53.7	.192	10.32	30	49	15	5	.....	11	22	30	28	8
	1916	142	53.9	.209	11.28	30	46	18	7	.....	10	14	25	39	12
51 establishments...	1916	136	53.7	.210	11.30	38	43	14	5	.....	7	18	24	38	13
	1918	85	52.7	.227	11.95	39	54	7	.....	1	12	29	42	15	
64 establishments...	1918	102	52.7	.230	12.06	39	53	6	2	.....	2	13	26	41	18
Buttonhole makers, female:															
71 establishments...	1913	489	54.6	.192	10.50	10	62	14	15	.....	13	25	23	31	8
	1914	477	53.8	.200	10.76	30	48	15	6	.....	10	24	24	34	8
73 establishments...	1914	484	53.9	.196	10.55	30	46	16	8	.....	11	25	24	33	7
	1916	369	54.0	.213	11.50	28	52	12	7	.....	9	12	27	39	12
76 establishments...	1916	362	53.7	.214	11.49	33	48	16	3	.....	8	12	27	41	12
	1918	133	52.2	.261	13.61	52	42	6	.....	(1)	5	13	55	26	
82 establishments...	1918	140	52.2	.262	13.62	51	41	6	1	.....	(1)	6	14	54	26
Eyecleters, female:															
92 establishments...	1918	223	51.7	.268	13.64	69	26	6	.....	1	11	13	42	33	
Vampers, male:															
57 establishments...	1913	531	54.7	.320	17.44	16	42	29	12	1	.....	2	6	32	60
	1914	515	54.5	.315	17.13	18	38	36	7	(1)	1	2	6	37	55
53 establishments...	1914	479	54.5	.311	16.95	20	39	31	8	1	1	2	6	37	54
	1916	496	54.7	.332	18.12	16	42	29	11	2	.....	1	6	30	63
69 establishments...	1916	586	54.7	.334	18.20	12	41	36	9	2	.....	1	5	29	65
	1918	507	51.6	.447	23.05	78	13	4	5	1	.....	.....	1	8	91
83 establishments...	1918	573	51.5	.442	22.73	80	12	4	4	1	.....	.....	1	8	91
Vampers, female:															
77 establishments...	1913	1,052	54.6	.246	13.40	8	59	21	12	.....	1	8	18	53	20
	1914	1,037	53.9	.244	13.13	25	49	20	5	.....	2	9	19	49	21
75 establishments...	1914	1,027	54.0	.242	13.06	25	46	24	5	.....	2	9	20	49	20
	1916	1,065	54.1	.252	13.61	22	54	17	7	.....	2	7	16	50	25
114 establishments...	1916	1,351	53.9	.253	13.60	26	54	14	6	.....	2	7	16	51	25
	1918	1,353	51.6	.313	16.15	65	30	5	.....	(1)	3	8	36	53	
132 establishments...	1918	1,477	51.7	.312	16.11	64	30	4	2	.....	(1)	3	8	36	53

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
LASTING DEPARTMENT.															
Assemblers, for pulling-over machine, male: 54 establishments...	1913	597	55.4	\$ 0.272	\$ 15.01	8	41	27	19	5	17	49	25	8	(1)
	1914	646	55.2	.281	15.45	15	29	32	23	2	17	41	33	7	2
56 establishments...	1914	659	55.5	.276	15.24	11	28	32	25	4	18	44	30	6	2
	1916	586	55.1	.300	16.50	15	34	27	18	6	14	38	35	12	2
89 establishments...	1916	768	55.1	.288	15.85	13	33	35	15	5	16	43	30	9	2
	1918	653	52.7	.396	20.75	51	26	13	9	(1)	4	19	31	27	19
102 establishments... Pullers-over, hand, male: 47 establishments...	1918	726	52.6	.398	20.85	55	24	12	9	(1)	4	19	29	26	21
	1913	907	55.1	.334	18.42	7	39	36	17	1	2	32	47	17	2
	1914	729	54.9	.350	19.24	9	29	50	11	1	3	27	42	21	6
30 establishments...	1914	537	54.8	.357	19.52	10	32	48	10	.....	3	25	44	20	8
	1916	429	54.8	.353	19.33	14	34	38	14	.....	1	25	48	23	4
31 establishments...	1916	461	54.8	.354	19.18	11	32	48	9	.....	1	23	49	23	4
	1918	326	51.6	.485	24.91	80	4	8	8	.....	2	5	17	34	42
35 establishments...	1918	344	51.7	.478	24.62	76	4	11	8	.....	2	6	18	33	41
Pullers-over, machine, male: 59 establishments...	1913	421	55.4	.352	19.45	6	43	27	18	6	3	23	48	22	5
	1914	396	55.3	.360	19.87	11	27	39	20	3	3	23	43	25	7
63 establishments...	1914	410	55.6	.353	19.56	9	26	37	23	4	3	26	42	23	6
	1916	421	55.3	.382	21.08	12	28	35	19	5	3	21	33	30	14
109 establishments...	1916	591	55.1	.375	20.60	13	27	41	15	4	2	22	38	27	11
	1918	566	52.6	.511	26.76	54	23	15	8	1	1	3	20	26	50
124 establishments...	1918	612	52.6	.512	26.77	54	22	14	9	(1)	1	3	20	25	50
Side lasters, hand, male: 20 establishments...	1913	224	54.2	.303	16.40	43	27	24	6	.....	6	46	39	8	2
	1914	237	54.0	.308	16.59	50	19	27	4	(1)	10	35	45	9	2
16 establishments...	1914	217	53.6	.304	16.20	61	3	28	6	1	12	37	37	12	3
	1916	179	54.2	.315	17.02	55	4	30	8	3	4	42	40	9	4
28 establishments...	1916	282	54.1	.312	16.87	41	25	29	4	1	5	41	42	10	2
	1918	316	52.0	.434	22.52	80	7	9	3	.....	1	14	30	24	31
43 establishments...	1918	394	51.9	.440	22.74	80	7	10	3	.....	1	12	29	26	32
Side lasters, machine, male: 16 establishments...	1913	155	56.1	.323	18.23	.....	41	22	34	4	6	39	35	17	3
	1914	167	54.3	.343	18.54	19	35	32	11	4	5	29	38	25	4
17 establishments...	1914	153	55.0	.341	18.69	5	52	29	9	5	5	27	44	20	4
	1916	158	54.8	.338	18.48	6	52	32	8	3	3	28	47	20	3
37 establishments...	1916	230	55.0	.332	18.22	6	32	49	9	4	4	32	45	14	5
	1918	234	52.0	.462	23.95	64	10	17	9	.....	(1)	9	26	24	41
57 establishments...	1918	292	52.2	.468	24.35	62	14	14	9	1	(1)	10	23	23	44
Bed-machine operators, male: 60 establishments...	1913	1,185	55.1	.331	18.21	10	42	29	15	3	3	35	45	14	3
	1914	1,117	54.9	.322	17.68	15	32	39	12	2	5	34	45	13	3
64 establishments...	1914	1,113	55.0	.319	17.52	15	32	36	13	3	5	36	45	12	2
	1916	1,092	55.1	.351	19.31	18	28	36	13	5	4	26	44	21	6

(1) Less than 1 per cent.

10 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
LASTING DEPARTMENT—concluded.															
Bed-machine operators, male—Concluded.				\$	\$										
89 establishments...	1916	1,294	55.0	0.347	19.04	17	29	38	12	4	3	28	43	20	5
	1918	1,179	52.1	.501	26.06	67	15	11	7	(1)	1	5	15	30	50
104 establishments...	1918	1,303	52.1	.500	25.98	67	15	10	7	(1)	1	5	14	30	50
Hand-method lasting-machine operators, male:															
35 establishments...	1913	402	55.2	.355	19.58	3	44	34	13	6	2	23	49	20	5
	1914	418	55.2	.349	19.20	10	16	51	20	3	3	28	42	19	8
32 establishments...	1914	372	55.9	.342	19.04	7	12	47	31	3	2	28	48	17	5
	1916	372	55.4	.354	19.55	6	27	41	23	3	2	27	42	21	9
49 establishments...	1916	466	55.3	.356	19.68	7	23	50	19	1	2	26	44	23	6
	1918	362	52.7	.485	25.43	49	25	15	11	(1)	1	2	22	38	37
59 establishments...	1918	411	52.9	.479	25.22	46	24	16	14	(1)	1	3	23	36	36
Turn lasters, hand, male:															
26 establishments...	1913	499	55.0	.307	16.81	28	24	13	30	5	5	40	48	4	1
	1914	630	54.4	.322	17.45	29	11	47	8	5	8	37	35	17	4
29 establishments...	1914	681	54.4	.325	17.60	29	10	48	8	5	7	37	35	17	4
	1916	733	54.9	.354	19.46	23	12	45	19	1	2	33	34	21	10
35 establishments...	1916	939	54.9	.365	20.06	22	13	46	18	1	2	30	32	23	12
	1918	752	53.8	.453	24.34	39	10	42	9	.....	1	9	26	31	34
Turn sewers, machine, male:															
17 establishments...	1914	48	53.9	.401	21.54	29	8	56	6	.....	.....	4	50	25	21
	1916	52	53.9	.408	21.93	31	6	58	6	.....	2	38	15	21	23
23 establishments...	1916	76	54.4	.437	23.78	26	14	46	13	.....	.....	28	14	25	33
	1918	61	54.0	.503	27.01	33	13	44	10	.....	.....	8	28	20	44
25 establishments...	1918	67	53.7	.500	26.75	37	13	40	9	.....	.....	7	25	24	43
BOTTOMING DEPARTMENT.															
Goodyear welters, male:															
66 establishments...	1913	458	55.2	.503	27.71	10	41	30	16	3	.....	5	17	26	52
	1914	418	55.0	.508	27.90	11	35	40	12	1	(1)	5	16	28	51
67 establishments...	1914	417	55.1	.506	27.85	12	35	37	14	3	(1)	5	16	29	51
	1916	410	55.1	.519	28.49	15	33	35	13	4	1	7	12	25	55
84 establishments...	1916	445	55.0	.522	28.60	16	33	35	12	4	1	6	13	24	57
	1918	423	52.5	.621	32.43	63	15	15	7	(1)	.....	2	7	16	75
93 establishments...	1918	469	52.3	.620	32.29	65	14	13	7	(1)	.....	2	8	16	74
Rough rounders, male:															
67 establishments...	1913	261	55.2	.497	27.35	10	38	32	17	3	(1)	6	22	27	44
	1914	240	54.9	.506	27.74	14	30	43	11	2	.....	5	18	29	48
67 establishments...	1914	243	55.1	.500	27.52	14	30	39	13	4	.....	5	19	30	45
	1916	245	55.1	.503	27.64	16	29	38	13	4	1	9	20	24	46
84 establishments...	1916	281	54.9	.494	27.06	16	31	37	12	4	1	9	20	26	44
	1918	254	52.5	.597	32.39	60	17	15	8	(1)	.....	1	12	19	67
97 establishments...	1918	285	52.4	.593	31.99	61	16	14	8	(1)	.....	2	13	18	68
Goodyear stitchers, male:															
67 establishments...	1913	633	55.1	.398	21.87	9	42	29	17	2	1	20	33	23	18
	1914	569	54.9	.413	22.65	13	33	41	12	1	1	17	35	27	21

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rates of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
BOTTOMING DEPARTMENT—continued.															
Goodyear stitchers, male—Concluded.				\$	\$										
65 establishments...	1914	559	55.0	0.412	22.62	13	34	37	13	2	1	17	35	27	20
	1916	557	55.0	.433	23.76	15	34	36	12	4	(1)	13	29	31	25
90 establishments...	1916	630	54.9	.434	23.74	17	33	34	12	3	(1)	12	29	33	23
	1918	600	52.5	.524	27.39	62	15	14	9	(1)	1	5	14	25	56
105 establishments...	1918	680	52.4	.527	27.47	63	15	13	9	(1)	1	5	14	24	55
McKay sewers, male:															
32 establishments...	1913	128	55.5	.319	17.68	4	27	49	16	3	7	37	37	17	2
	1914	130	55.5	.343	19.00	12	5	57	24	3	9	28	37	17	9
30 establishments...	1914	123	55.7	.327	18.17	12	6	64	14	4	10	28	43	14	5
	1916	136	55.7	.341	18.91	13	17	38	24	9	3	32	41	20	4
53 establishments...	1916	195	55.2	.359	19.75	15	19	43	17	6	3	25	43	21	9
	1918	186	52.8	.448	23.48	47	32	13	8	-----	8	32	28	32	32
62 establishments...	1918	203	52.9	.449	23.56	46	31	15	9	-----	8	31	29	31	31
Heelers, male:															
72 establishments...	1913	291	55.3	.424	23.32	7	42	30	19	3	1	17	29	22	31
	1914	293	55.1	.400	21.98	15	24	41	16	3	2	23	29	21	24
76 establishments...	1916	305	55.3	.403	22.22	15	24	38	19	5	2	22	28	23	24
	1916	323	55.3	.429	23.66	15	25	36	18	6	2	15	36	20	28
124 establishments...	1916	425	55.0	.431	23.60	18	25	38	14	5	3	17	35	21	24
	1918	391	52.8	.507	26.62	53	19	19	8	(1)	(1)	6	21	26	47
137 establishments...	1918	419	52.8	.502	26.37	53	19	19	9	(1)	1	6	21	25	46
Heelers, wood, male:															
18 establishments...	1918	248	54.1	.477	25.61	47	13	15	25	-----	2	10	25	22	42
Heel trimmers or shavers, male:															
77 establishments...	1913	271	55.3	.443	24.46	11	33	33	20	3	3	17	26	20	35
	1914	262	55.1	.439	24.14	16	19	47	15	2	3	13	28	30	27
75 establishments...	1914	258	55.2	.428	23.54	17	20	43	17	3	3	14	31	29	23
	1916	284	55.0	.454	24.92	19	23	39	14	5	2	14	26	24	34
115 establishments...	1916	355	54.9	.449	24.55	20	23	41	12	4	2	15	26	25	33
	1918	323	52.6	.542	28.33	57	18	19	6	(1)	1	5	12	27	55
128 establishments...	1918	350	52.6	.535	27.99	57	17	18	7	(1)	1	7	12	27	53
Heel breasters, male:															
73 establishments...	1913	167	55.4	.310	17.10	10	34	32	19	4	16	35	30	14	5
	1914	161	55.2	.306	16.81	14	22	45	17	2	15	38	30	13	4
70 establishments...	1914	157	55.3	.300	16.51	14	22	41	20	3	16	38	31	12	3
	1916	176	54.9	.314	17.30	17	24	42	11	6	15	27	40	16	3
99 establishments...	1916	218	55.1	.321	17.64	17	24	39	16	5	14	29	38	14	6
	1918	196	53.0	.413	21.79	53	17	20	9	1	4	20	28	21	28
113 establishments...	1918	218	52.9	.412	21.70	56	15	20	9	1	5	20	27	20	28
Edge trimmers, male:															
77 establishments...	1913	815	55.3	.411	22.66	6	39	35	17	4	1	16	31	32	18
	1914	839	55.0	.404	22.18	14	26	43	15	2	2	15	36	29	18
77 establishments...	1914	827	55.1	.398	21.90	14	27	41	16	3	2	16	38	28	16
	1916	835	55.1	.426	23.38	15	28	39	15	3	2	13	31	29	25
125 establishments...	1916	1053	54.6	.421	23.06	16	29	40	13	3	2	13	32	30	23
	1918	940	52.5	.546	28.51	59	19	15	7	(1)	(1)	2	16	21	60
138 establishments...	1918	1015	52.5	.545	28.44	59	19	15	8	(1)	1	3	16	21	60

¹Less than 1 per cent.

12 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					Per cent of employees whose rate of wages per hour were—				
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cts. and over.
BOTTOMING DEPARTMENT—concluded.															
Edge setters, male:				\$	\$										
77 establishments...	1913	826	55.3	0.411	22.70	8	36	33	19	3	1	13	34	33	19
	1914	827	55.1	.410	22.54	16	23	44	15	2	1	11	37	35	15
78 establishments...	1914	819	55.1	.405	22.27	17	23	40	16	4	1	12	38	36	14
	1916	770	55.1	.413	22.65	17	25	39	15	4	1	13	36	29	21
127 establishments...	1916	941	54.9	.412	22.52	18	26	39	15	2	1	12	38	28	20
	1918	869	52.7	.524	27.49	56	17	19	8	(1)	(1)	3	17	27	53
138 establishments...	1918	924	52.7	.525	27.57	57	17	18	8	(1)	(1)	3	17	26	54
Heel scourers, male:															
76 establishments...	1913	360	55.4	.313	17.29	10	34	34	18	5	12	38	33	14	3
	1914	345	55.2	.312	17.18	15	23	44	17	2	11	42	29	10	8
76 establishments...	1914	351	55.0	.305	16.84	15	22	41	18	4	10	45	31	8	7
	1916	384	55.2	.342	18.84	17	25	37	16	5	5	33	32	25	4
117 establishments...	1916	484	55.0	.343	18.81	18	25	39	14	5	6	33	38	22	6
	1918	439	52.7	.436	22.86	54	20	17	8	(1)	2	13	30	25	31
129 establishments...	1918	470	52.7	.438	22.92	54	20	16	9	(1)	2	13	29	24	31
Heel burnishers, male:															
75 establishments...	1913	280	55.5	.317	17.54	5	39	32	20	4	12	34	36	16	2
	1914	261	55.3	.323	17.85	11	23	45	18	3	7	40	35	12	7
75 establishments...	1914	262	55.5	.315	17.47	11	23	46	15	5	7	41	37	11	3
	1916	261	55.5	.331	18.32	12	26	35	20	7	8	35	33	20	4
117 establishments...	1916	349	55.3	.323	17.83	13	26	38	17	5	8	39	33	17	3
	1918	301	52.8	.431	22.62	53	18	19	10	(1)	2	16	27	25	30
128 establishments...	1918	325	52.8	.433	22.66	54	18	18	10	(1)	2	16	26	25	31
Buffers, male:															
72 establishments...	1913	358	55.3	.318	17.52	6	35	37	17	5	8	37	39	13	3
	1914	370	55.2	.310	17.06	13	20	49	16	2	12	34	40	11	4
72 establishments...	1914	364	55.3	.306	16.89	13	20	45	18	3	12	35	41	9	3
	1916	359	55.2	.324	17.88	12	23	46	16	4	5	36	41	16	2
119 establishments...	1916	509	55.0	.324	17.78	13	26	46	12	3	6	37	40	15	2
	1918	442	52.7	.422	22.10	55	18	20	8	(1)	3	13	33	23	28
129 establishments...	1918	476	52.7	.424	22.20	55	17	19	9	(1)	3	13	32	23	29
FINISHING DEPARTMENT.															
Treers or ironers, hand, male:															
70 establishments...	1913	1,100	55.3	.282	15.54	11	37	29	19	4	15	46	32	5	1
	1914	1,109	55.1	.281	15.45	14	29	39	15	2	17	44	31	5	2
67 establishments...	1914	1,095	55.3	.279	15.39	14	30	35	17	3	18	44	31	5	2
	1916	1,038	55.1	.295	16.24	18	33	31	15	3	10	46	34	6	3
97 establishments...	1916	1,220	55.0	.296	16.25	18	33	35	11	4	9	46	35	7	2
	1918	1,044	52.4	.409	21.31	65	13	14	7	(1)	2	13	32	31	21
115 establishments...	1918	1,172	52.3	.409	21.28	66	13	14	6	(1)	3	13	32	31	22
Treers or ironers, hand, female:															
12 establishments...	1913	110	54.6	.158	8.56	18	55	.....	26	.....	86	12	2	.....	.....
	1914	112	52.2	.174	9.06	72	21	6	.....	.....	71	29	.....	.....	.....
11 establishments...	1914	107	52.1	.175	9.06	76	18	7	.....	.....	71	28	1	.....	.....
	1916	111	52.9	.183	9.66	59	31	11	.....	.....	59	41	1	.....	.....
13 establishments...	1916	139	53.1	.188	9.93	57	35	9	.....	.....	55	45	1	.....	.....
	1918	123	52.3	.234	12.17	51	28	20	.....	.....	36	51	10	3	.....
31 establishments...	1918	211	53.3	.232	12.25	39	36	14	11	.....	36	49	11	4	(1)

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1913, 1914, 1916, AND 1918—Concluded.

Occupation, sex, and number of establish- ments.	Year.	Num- ber of employ- ees.	Aver- age full-time hours per week.	Aver- age rate of wages per hour.	Aver- age full-time week- ly earn- ings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose rates of wages per hour were—					
						Under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 20 cts.	20 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cents and over.
FINISHING DEPART- MENT—concluded.															
Treers or ironers, ma- chine, male:															
14 establishments...	1916	236	55.3	\$0.268	\$14.77	2	29	69	.....	.....	8	67	13	10	3
	1918	140	52.8	.360	18.71	49	31	.....	20	.....	1	34	39	10	16
23 establishments...	1918	215	52.5	.373	19.36	59	21	(1)	19	.....	1	27	41	18	13
ALL DEPARTMENTS.															
Other employees, male:											Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 and under 30 cts.	30 cents and over.
81 establishments...	1914	19,667	55.1	.223	12.28	16	24	40	17	4	10	16	18	36	19
	1916	19,001	55.1	.242	13.32	16	29	35	16	4	9	13	16	36	26
130 establishments...	1916	23,142	55.0	.242	13.29	17	29	37	14	4	9	13	16	36	25
	1918	21,976	52.7	.328	17.20	58	18	15	7	2	1	5	8	32	54
143 establishments...	1918	23,324	52.7	.327	17.17	57	19	14	8	2	1	5	8	31	54
Other employees, fe- male:															
80 establishments...	1914	11,502	54.0	.167	9.00	23	53	17	6	(1)	25	25	23	24	3
	1916	11,556	54.0	.176	9.48	23	53	17	7	.....	22	24	22	28	5
129 establishments...	1916	14,466	53.9	.179	9.62	24	55	15	6	.....	20	24	23	28	5
	1918	15,007	51.7	.227	11.72	66	31	4	.....	.....	5	17	21	38	19
142 establishments...	1918	16,007	51.8	.226	11.67	65	30	5	.....	.....	5	17	20	39	19

¹ Less than 1 per cent.

Table 1 and General Tables A and B have been made, showing figures for identical establishments from year to year. Where changes were made in the number or identity of establishments it was necessary to show two sets of figures for each year.

To aid in making comparisons from year to year, relative or index numbers have been computed for full-time hours, earnings per hour, and full-time weekly earnings for each occupation for the years 1910 to 1918, inclusive. These relatives are based on the averages shown in General Table A. In computing the relatives the averages for the larger number of establishments for each year were used. The relatives are simply percentages in which the figures for 1913 are taken as the basis or 100 per cent.

Thus the facts for the earlier and later years are brought into direct comparison with the facts for the year immediately preceding the war, namely, 1913, and are shown in Table 2.

14 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1918, IN THE PRINCIPAL OCCUPATIONS.
(1913=100.)

Department, occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Department, occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
CUTTING DEPARTMENT.				FITTING OR STITCHING DEPARTMENT—concluded.			
Cutters, vamp and whole shoe, hand, male:				Lining makers, female—Con.			
1910.....	103	91	94	1913.....	100	100	100
1911.....	103	89	92	1914.....	99	100	99
1912.....	101	92	92	1916.....	99	104	103
1913.....	100	100	100	1918.....	94	127	119
1914.....	99	104	103	Closers-on, female:			
1916.....	99	107	106	1910.....	105	92	96
1918.....	95	138	132	1911.....	105	93	97
Cutters, vamp and whole shoe, machine, male:				1912.....	101	96	97
1910.....	104	93	97	1913.....	100	100	100
1911.....	103	97	100	1914.....	99	99	98
1912.....	101	97	98	1916.....	98	104	102
1913.....	100	100	100	1918.....	96	122	117
1914.....	100	100	101	Top stitchers or undertrimmers, female:			
1916.....	99	102	101	1910.....	104	90	93
1918.....	94	138	135	1911.....	104	92	95
Skivers, upper, machine, male:				1912.....	101	94	94
1910.....	100	96	97	1913.....	100	100	100
1911.....	101	98	98	1914.....	99	101	100
1912.....	100	94	95	1916.....	99	105	103
1913.....	100	100	100	1918.....	95	136	127
1914.....	99	102	101	Button fasteners, female:			
1916.....	99	111	110	1910.....	103	79	81
1918.....	93	141	133	1912.....	101	89	89
Skivers, upper, machine, female:				1913.....	100	100	100
1910.....	104	84	87	1914.....	98	99	97
1911.....	104	84	88	1916.....	98	105	103
1912.....	101	92	93	1918.....	96	116	110
1913.....	100	100	100	Buttonhole makers, female:			
1914.....	99	99	98	1910.....	103	91	93
1916.....	99	100	99	1912.....	101	93	93
1918.....	95	128	129	1913.....	100	100	100
SOLE-LEATHER DEPARTMENT.				1914.....	99	101	100
Cutters, outsole, male:				1916.....	98	110	108
1910.....	102	90	93	1918.....	95	135	128
1911.....	102	92	94	Vampers, male:			
1912.....	101	93	94	1910.....	101	92	93
1913.....	100	100	100	1911.....	101	98	100
1914.....	99	100	100	1912.....	100	96	96
1916.....	98	100	99	1913.....	100	100	100
1918.....	94	134	126	1914.....	99	98	98
Channelers, insole and outsole, male:				1916.....	100	104	104
1910.....	102	89	90	1918.....	94	138	130
1911.....	102	87	88	Vampers, female:			
1912.....	101	89	90	1910.....	104	97	100
1913.....	100	100	100	1911.....	103	97	100
1914.....	99	98	98	1912.....	101	94	94
1916.....	99	100	99	1913.....	100	100	100
1918.....	95	129	122	1914.....	99	99	98
FITTING OR STITCHING DEPARTMENT.				1916.....	99	103	101
Tip stitchers, female:				1918.....	95	127	120
1911.....	102	94	95	LASTING DEPARTMENT.			
1912.....	100	95	95	Assemblers, for pulling-over machine, male:			
1913.....	100	100	100	1911.....	100	101	101
1914.....	99	100	99	1912.....	101	88	88
1916.....	99	105	106	1913.....	100	100	100
1918.....	95	132	124	1914.....	100	101	102
Backstay stitchers, female:				1916.....	99	106	106
1910.....	103	91	94	1918.....	95	146	139
1911.....	103	95	98	Pullers-over, hand, male:			
1912.....	101	96	97	1910.....	102	87	89
1913.....	100	100	100	1911.....	102	94	95
1914.....	99	101	100	1912.....	100	95	95
1916.....	99	108	107	1913.....	100	100	100
1918.....	95	134	127	1914.....	99	105	105
Lining makers, female:				1916.....	99	106	104
1910.....	103	86	89	1918.....	93	144	134
1911.....	103	87	89	Pullers-over, machine, male:			
1912.....	101	89	90	1910.....	104	91	95
				1911.....	101	93	94
				1912.....	101	89	90
				1913.....	100	100	100

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1918, IN THE PRINCIPAL OCCUPATIONS—Con.

Department, occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Department, occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
LASTING DEPARTMENT—concluded.				BOTTOMING DEPARTMENT—concluded.			
Pullers-over, machine, male—Concluded.				Heelers, male—Concluded.			
1914.....	100	101	101	1913.....	100	100	100
1916.....	99	107	106	1914.....	100	95	95
1918.....	95	146	138	1916.....	99	102	101
Side lasters, hand, male:				1918.....	95	118	113
1913.....	100	100	100	Heel trimmers or shavers, male:			
1914.....	100	102	101	1910.....	102	92	93
1916.....	100	103	103	1911.....	102	93	99
1918.....	96	145	139	1912.....	101	94	54
Side lasters, machine, male:				1913.....	100	100	100
1913.....	100	100	100	1914.....	99	98	98
1916.....	98	106	103	1916.....	99	100	99
1918.....	93	145	134	1918.....	95	119	113
Bed-machine operators, male:				Heel breasters, male:			
1910.....	102	94	96	1911.....	101	93	94
1911.....	102	97	99	1912.....	101	94	95
1912.....	101	91	92	1913.....	100	100	100
1913.....	100	100	100	1914.....	100	98	97
1914.....	100	97	96	1916.....	99	103	102
1916.....	100	105	105	1918.....	95	132	126
1918.....	94	152	143	Edge trimmers, male:			
Hand-method lasting-machine operators, male:				1910.....	102	93	95
1910.....	104	86	89	1911.....	101	95	96
1911.....	103	89	91	1912.....	101	93	93
1912.....	101	91	92	1913.....	100	100	100
1913.....	100	100	100	1914.....	99	97	97
1914.....	100	98	97	1916.....	99	103	102
1916.....	100	100	100	1918.....	95	133	126
1918.....	96	134	128	Edge setters, male:			
Turn lasters, hand, male:				1910.....	102	90	92
1912.....	101	89	90	1911.....	102	92	93
1913.....	100	100	100	1912.....	101	92	92
1914.....	99	105	104	1913.....	100	100	100
1916.....	100	118	118	1914.....	100	98	98
1918.....	98	146	143	1916.....	99	100	99
BOTTOMING DEPARTMENT.				1918.....	95	127	121
Goodyear welters, male:				Heel scourers, male:			
1910.....	102	87	89	1911.....	99	93	93
1911.....	101	90	91	1912.....	101	92	93
1912.....	101	89	90	1913.....	100	100	100
1913.....	100	100	100	1914.....	99	97	97
1914.....	101	101	101	1916.....	99	109	108
1916.....	99	104	104	1918.....	95	139	132
1918.....	95	124	117	Heel burnishers, male:			
Rough rounders, male:				1911.....	100	97	97
1910.....	103	82	83	1912.....	101	92	93
1911.....	102	88	89	1913.....	100	100	100
1912.....	101	88	88	1914.....	100	99	100
1913.....	100	100	100	1916.....	100	102	102
1914.....	100	101	101	1918.....	95	137	129
1916.....	99	99	99	Buffers, male:			
1918.....	95	119	117	1911.....	101	92	93
Goodyear stitchers, male:				1912.....	101	91	92
1910.....	102	94	95	1913.....	100	100	100
1911.....	101	97	98	1914.....	100	96	97
1912.....	101	94	95	1916.....	99	102	106
1913.....	100	100	100	1918.....	95	133	121
1914.....	99	104	103	FINISHING DEPARTMENT.			
1916.....	99	109	108	Treers or ironers, hand, male:			
1918.....	95	132	125	1910.....	101	92	93
McKay sewers, male:				1911.....	101	95	95
1910.....	103	91	93	1912.....	101	94	95
1911.....	102	93	94	1913.....	100	100	100
1912.....	101	90	90	1914.....	100	100	99
1913.....	100	100	100	1916.....	99	105	105
1914.....	100	108	107	1918.....	95	145	137
1916.....	99	113	112	Treers or ironers, hand, female:			
1918.....	95	141	133	1910.....	106	91	96
Heelers, male:				1911.....	106	92	97
1911.....	101	95	97	1912.....	100	97	97
1912.....	102	89	91	1913.....	100	100	100
				1914.....	96	110	106
				1916.....	97	119	116
				1918.....	98	147	113

The reasons for using the data for 1913, the year immediately preceding the war, as the base for relative numbers are: First, the conditions prevailing in war time are abnormal and should be measured by a period in which normal conditions prevailed; and second, it is believed that the year 1913 ended a distinct economic period.

Table 3 is a summary, showing by States the number and per cent of employees working certain classified percentages of full time in the representative pay period for which wage data were obtained. The length of the pay period was one week in all establishments except seven having biweekly pay rolls, which establishments are omitted from this table.

TABLE 3.—NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN ONE WEEK, BY STATES, 1918.

[This table does not include data from 7 establishments having biweekly pay rolls.]

State.	Number of establishments.	Number of employees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Illinois.....	8	3,198	1,505	47	1,693	53	339	11	119	4	43	1
Maine.....	5	3,031	1,021	34	2,010	66	389	13	155	5	48	2
Massachusetts.....	55	24,195	13,358	55	10,837	45	2,161	9	875	4	208	1
Minnesota.....	3	995	472	47	523	53	116	12	33	3	9	1
Missouri.....	15	7,056	3,689	52	3,367	48	937	13	374	5	114	2
New Hampshire.....	10	5,375	3,577	67	1,798	33	506	9	187	3	40	1
New Jersey.....	3	445	221	50	224	50	72	16	24	5	3	1
New York.....	14	6,926	3,608	52	3,318	48	638	9	223	3	56	1
Ohio.....	7	3,791	1,257	33	2,534	67	713	19	232	6	48	1
Pennsylvania.....	9	3,812	1,760	46	2,052	54	389	10	135	4	37	1
Wisconsin.....	4	1,338	843	63	495	37	155	12	56	4	14	1
Other States.....	3	617	293	47	324	53	49	8	21	3	2	(1)
Total.....	136	60,779	31,604	52	29,175	48	6,464	11	2,434	4	622	1

¹ Less than 1 per cent.

According to this table, 52 per cent of the employees in the pay-roll week covered worked full time or over and 48 per cent did not work full time. Eleven per cent worked under 75 per cent of full time. By deduction it is seen that 37 per cent of the employees worked 75 per cent of full time but less than full time.

In addition to the foregoing table stating the extent to which employees actually worked the full time of the establishments, Table 4 is presented, summarizing General Table D, pp. 116-135, showing for each occupation the average full-time hours per week of the establishments in comparison with the average hours actually worked in the pay-roll week reported, and comparing the average full-time weekly earnings with the average amount actually earned in the week with more or less time lost by some employees.

TABLE 4.—AVERAGE FULL-TIME HOURS,¹ HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS, AND AMOUNTS ACTUALLY EARNED DURING ONE WEEK, 1918.

[This table does not include data from 7 establishments having biweekly pay rolls.]

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amount actually earned per employee during one week.
CUTTING DEPARTMENT.						
Cutters, vamp and whole shoe, hand, male.	109	2,263	51.9	46.6	\$25.16	\$22.46
Cutters, vamp and whole shoe, machine, male.	63	1,169	52.1	48.2	23.86	21.12
Skivers, upper, machine, male.	23	96	50.9	46.4	21.55	19.50
Skivers, upper, machine, female.	116	668	51.7	46.8	13.82	12.51
SOLE-LEATHER DEPARTMENT.						
Cutters, outsole, male.	73	410	52.1	49.8	20.98	20.30
Channelers, insole and outsole, male.	116	259	52.5	49.6	22.51	21.10
FITTING OR STITCHING DEPARTMENT.						
Tip stitchers, female.	119	419	51.8	46.7	14.98	13.51
Backstay stitchers, female.	118	535	51.8	47.0	13.58	12.31
Lining makers, female.	126	1,097	51.4	46.2	12.44	11.17
Closers-on, female.	87	344	52.0	46.5	12.30	11.02
Top stitchers or undertrimmers, female.	129	1,315	51.6	47.2	14.55	13.42
Button fasteners, female.	61	99	52.7	47.7	12.05	11.00
Buttonhole makers, female.	80	137	52.2	46.9	13.67	12.26
Eyeteleers, female.	87	216	51.7	47.3	13.58	12.68
Vampers, male.	81	565	51.4	48.3	22.81	21.45
Vampers, female.	126	1,406	51.7	45.6	16.24	14.38
LASTING DEPARTMENT.						
Assemblers, for pulling-over machine, male.	95	697	52.5	47.3	20.92	18.81
Pullers-over, hand, male.	35	344	51.7	48.4	24.62	22.85
Pullers-over, machine, male.	117	586	52.6	48.5	26.75	24.57
Side lasters, hand, male.	41	386	51.8	48.2	22.63	21.15
Side lasters, machine, male.	54	284	52.2	49.0	24.39	22.99
Bed-machine operators, male.	98	1,265	52.1	48.8	25.97	24.37
Hand-method lasting-machine operators, male.	54	390	52.8	47.7	25.38	23.09
Turn lasters, hand, male.	33	729	53.8	50.6	24.37	22.90
Turn sewers, male.	24	65	53.6	51.2	26.82	25.63
BOTTOMING DEPARTMENT.						
Goodyear welters, male.	88	455	52.2	47.1	32.35	28.84
Rough rounders, male.	92	275	52.4	48.4	32.06	28.39
Goodyear stitchers, male.	98	658	52.3	48.7	27.56	25.09
McKay sewers, male.	58	196	52.8	48.2	23.58	21.32
Heelers, male.	130	404	52.7	49.1	26.36	24.05
Heelers, wood, male.	18	248	54.1	52.2	25.61	24.56
Heel trimmers or shavers, male.	122	342	52.6	48.8	28.07	26.25
Heel breasters, male.	107	210	52.8	48.7	21.81	20.19
Edge trimmers, male.	131	981	52.4	48.3	28.51	26.32
Edge setters, male.	132	892	52.6	48.9	27.68	25.75
Heel scourers, male.	122	453	52.6	48.4	22.98	21.23
Heel burnishers, male.	123	314	52.7	48.5	22.72	21.00
Buffers, male.	124	403	52.6	48.5	22.28	20.64
FINISHING DEPARTMENT.						
Treers or ironers, hand, male.	111	1,143	52.3	49.1	21.20	20.07
Treers or ironers, hand, female.	29	205	53.3	48.7	12.21	11.33
Treers or ironers, machine, male.	23	215	52.5	49.5	19.36	18.20
ALL DEPARTMENTS.						
Other employees, male.	136	22,394	52.7	48.9	17.23	16.24
Other employees, female.	135	15,187	51.8	47.3	11.79	10.81

EXPLANATION OF SCOPE AND METHOD.

This report includes establishments whose principal or only products are shoes made by the McKay, welt, or turn process, or loose nailed or screwed shoes. Men's, women's, and children's shoes are included. Data are not included from establishments whose main or sole products are pegged shoes, or specialties such as slippers, leggings, felt boots, etc., nor from establishments doing only fitting or making sole stock. All data were obtained from pay rolls of the various establishments by the agents of the Bureau. The number of establishments included or summarized in the report has varied considerably since 1907, as follows:

1907 to 1910.....	26 identical establishments.
1910 and 1911.....	60 identical establishments.
1911 and 1912.....	81 identical establishments.
1912 and 1913.....	88 identical establishments.
1913 and 1914.....	84 identical establishments.
1914 and 1916.....	82 identical establishments.
1916 and 1918.....	130 identical establishments.

In addition to the 130 establishments from which data were obtained for 1916 and 1918, data were obtained from 13 establishments for 1918 only, making a total of 143 establishments from which data for 1918 are presented.

In selecting establishments from which to obtain data, the Bureau undertook to represent all States in which boot and shoe manufacturing is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures. Table 5 which follows, shows, by States, the number of employees in this industry as reported by the United States Census, 1910; the number of establishments from which the Bureau obtained data for 1918; and the number of employees in such establishments:

TABLE 5.—TOTAL NUMBER OF EMPLOYEES IN BOOT AND SHOE MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN IN 1918.

State.	Number of employees reported by United States Census, 1910.	Number of establishments and employees for which data are shown by the Bureau of Labor Statistics for 1918.	
		Establishments.	Employees.
Massachusetts.....	83,063	55	24,195
New York.....	21,627	14	6,926
Missouri.....	17,396	15	7,056
Ohio.....	16,026	9	4,760
New Hampshire.....	14,211	10	5,375
Pennsylvania.....	10,822	9	3,812
Maine.....	6,626	5	3,031
Illinois.....	5,792	10	3,540
Wisconsin.....	5,431	4	1,338
New Jersey.....	4,232	4	756
Virginia.....	2,711	3	1,004
Minnesota.....	2,664	3	995
Michigan.....	2,455	2	487
Other States.....	5,241	.....	.....
Total.....	198,297	143	63,275

According to the census of 1910, more than 97 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the Bureau obtained 1918 data and for which detailed information for 1918 is presented in this report is nearly 32 per cent of the total number of persons in the industry in 1910.

Full-time hours per week are the regular hours during which, under normal conditions, employees in an occupation are on duty. Full-time hours do not in any way indicate the extent of employment or of unemployment. Employees may work overtime, or broken time, or be laid off, or a temporary reduction may be made in working hours without affecting the full-time hours as here presented.

The rates of wages per hour appearing in the tables include the wages of time workers and the earnings of piece workers, and are computed by dividing the earnings by the hours worked. Where there was no record regularly kept of the actual time worked by employees, the establishments, at the request of the Bureau, kept a record for the pay-roll period selected.

The full-time weekly earnings are the earnings of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week. In addition to the full-time weekly earnings in several tables, the actual earnings of employees during one week are shown in General Table D.

The averages of full-time hours per week, rates of wages per hour, full-time weekly earnings, and actual earnings are computed by adding the data for each employee and dividing the totals by the number of employees.

Figures relating to wages and hours are shown in the tables for 38 of the more important occupations. Hand and machine work on the same process are presented as separate occupations. The sex of employees is shown for each occupation. Of the 38 occupations tabulated data are shown for males alone in 27 occupations, for females alone in 8 occupations, and for both males and females in 3 occupations. The occupations, which are arranged in order of manufacture, are as follows:

Cutting department:

Cutters, vamp and whole shoe, hand.

Cutters, vamp and whole shoe, machine.

Skivers, upper, machine.

Sole-leather department:

Cutters, outsole.

Channelers, insole and outsole.

Fitting or stitching department:

Tip stitchers.

Backstay stitchers.

Fitting or stitching department—Con.

Lining makers.

Closers-on.

Top stitchers or undertrimmers.

Button fasteners.

Buttonhole makers.

Eyeleters.

Vampers.

Lasting department:

Assemblers, for pulling-over machine.

Pullers-over, hand.

Lasting department—Concluded.

Pullers-over, machine.
 Side lasters, hand.
 Side lasters, machine.
 Bed-machine operators.
 Hand-method lasting-machine operators.
 Turn lasters, hand.
 Turn sewers.

Bottoming department:

Goodyear welters.
 Rough rounders.
 Goodyear stitchers.
 McKay sewers.

Bottoming department—Concluded.

Heelers.
 Heelers, wood.
 Heel trimmers or shavers.
 Heel breasters.
 Edge trimmers.
 Edge setters.
 Heel scourers.
 Heel burnishers.
 Buffers.

Finishing department:

Treers or ironers, hand.
 Treers or ironers, machine.

GENERAL TABLES.

All employees not shown under any of the above selected occupations are combined and shown under "Other employees."

In addition to the text tables already shown, four general tables are presented, as follows:

Table A.—Average and classified full-time hours per week and rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1918.

In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data obtained for 1918, whether or not comparable data for 1916 were available. Classified rates per hour are not presented prior to 1913 because of incomplete record, in many instances, of the time worked. Beginning with 1913 such records were kept in a satisfactory manner, and classified rates per hour are shown for the later years.

Table B.—Average and classified full-time hours per week and rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1916 and 1918.

In this table the figures for both years are for identical establishments, and do not include data from establishments furnishing information for 1918 only.

Table C.—Average and classified full-time hours per week and rates of wages per hour, and average full-time weekly earnings, by States, 1918.

This table includes all data obtained for 1918, whether or not comparable data for 1916 were available.

Table D.—Average full-time hours, hours actually worked, full-time weekly earnings and amounts actually earned, and number of employees working each classified per cent of full time and earning each classified amount, during one week, by States, 1918.

This table includes data from all establishments from which information was obtained for 1918, except 7 establishments having biweekly pay rolls. The data used are from weekly pay rolls.

The purpose of this table is to compare the time actually worked by employees with the full working time of the establishments, and the average amount actually earned, with more or less broken time of some employees, with the possible full-time earnings.

22 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

[The figures opposite each group of years are for identical establishments. When a second line is shown

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

CUTTING DEPARTMENT.

	Cutters, vamp and whole shoe, hand male:											
1	20 establishments...	1907	919	54.9	\$0.325	\$17.84	11	157	343	252	156	.....
2		1908	907	54.8	.332	18.19	6	175	331	283	112	.....
3		1909	907	54.7	.340	18.60	14	159	346	286	102	.....
4		1910	852	54.7	.345	18.87	13	176	278	291	94	.....
5	48 establishments...	1910	1,650	56.0	.319	17.86	13	176	405	395	319	342
6		1911	1,602	56.2	.317	17.75	14	158	425	398	311	296
7	64 establishments...	1911	2,066	56.2	.313	17.50	.....	158	589	587	384	348
8		1912	1,906	55.0	.322	17.63	217	162	720	272	323	212
9	71 establishments...	1912	1,995	55.0	.322	17.58	242	162	738	297	336	220
10		1913	1,987	54.5	.351	19.05	231	224	803	364	313	52
11	68 establishments...	1913	1,923	54.5	.352	19.10	211	224	803	350	283	52
12		1914	1,757	53.8	.368	19.70	354	308	405	476	183	31
13	69 establishments...	1914	1,667	54.1	.366	19.70	271	318	393	435	195	55
14		1916	1,790	54.1	.379	20.42	255	335	481	468	193	53
15	106 establishments...	1916	2,257	53.9	.375	20.12	434	380	547	593	240	63
16		1918	2,192	52.0	.483	25.00	¹ 1,158	375	227	301	131	.....
17	114 establishments...	1918	2,319	52.0	.484	25.06	¹ 1,263	375	245	303	133	.....
	Cutters, vamp and whole shoe, machine, male:											
18	17 establishments...	1910	235	57.8	.301	17.23	.....	.....	13	70	98	54
19		1911	226	57.2	.300	17.09	.....	.....	15	75	102	34
20	20 establishments...	1911	270	57.0	.313	17.69	.....	.....	59	69	87	55
21		1912	300	55.5	.319	17.54	29	24	113	.....	85	49
22	33 establishments...	1912	490	55.8	.313	17.36	29	24	186	41	124	86
23		1913	549	55.3	.323	17.77	32	27	213	117	121	39
24	35 establishments...	1913	528	55.5	.322	17.70	29	27	178	129	126	39
25		1914	568	55.1	.328	17.96	58	20	133	228	124	5
26	36 establishments...	1914	600	55.5	.323	17.84	37	20	131	253	154	5
27		1916	728	55.4	.325	17.86	37	24	172	336	152	7
28	56 establishments...	1916	974	54.9	.327	17.86	111	32	182	495	145	9
29		1918	1,130	52.1	.444	23.88	² 618	74	195	136	107	.....
30	66 establishments...	1918	1,202	52.2	.444	23.04	³ 647	75	222	144	114	.....
	Skivers, upper, machine, male:											
31	12 establishments...	1910	74	54.7	.288	15.80	.....	.....	49	13	12	.....
32		1911	79	54.7	.314	17.15	.....	.....	52	21	6	.....
33	28 establishments...	1911	136	54.8	.292	15.98	.....	.....	92	24	20	.....
34		1912	146	54.6	.289	15.73	.....	10	100	11	24	1
35	32 establishments...	1912	156	54.7	.282	15.41	.....	10	105	11	29	1
36		1913	134	54.5	.299	16.23	.....	11	87	24	12	.....
37	22 establishments...	1913	123	54.3	.300	16.26	.....	11	87	19	6	.....
38		1914	107	54.2	.304	16.47	.....	10	75	19	3	.....

¹ Including 47 employees at 48 hours.

² Including 117 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918.

for 1918 it contains all data secured for 1918, whether or not comparable data for 1916 were available.]

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

CUTTING DEPARTMENT.

Classified data for years prior to 1913 not available.													1
													2
													3
													4
													5
													6
													7
													8
													9
					2	25	19	153	290	1,048	342	108	10
					2	25	19	152	262	1,015	340	108	11
				2	14	14	26	111	184	860	367	179	12
				2	14	13	17	98	168	872	328	155	13
					3	10	12	105	176	840	469	175	14
				1	3	11	16	135	271	994	618	208	15
				3	2	5	4	36	90	421	552	1,079	16
				3	2	9	7	38	91	426	564	1,179	17
													18
													19
Classified data for years prior to 1913 not available.													20
													21
				1	7	13	16	76	95	277	48	16	22
				1	6	11	14	82	89	272	38	15	24
				3	2	12	17	87	95	275	58	19	25
				3	2	12	17	95	105	301	49	16	26
				5	3	27	26	106	139	227	172	22	27
			1	5	3	29	28	137	166	372	198	35	28
					1	1	2	24	80	296	313	413	29
					1	1	3	27	82	312	343	433	30
													31
													32
Classified data for years prior to 1913 not available.													33
													34
				2	3	4	4	12	34	61	10	4	35
				2	3	4	4	5	33	59	10	2	36
				2	3	3	6	5	14	66	10	1	37
													38

* Including 120 employees at 48 hours.

24 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

CUTTING DEPARTMENT—Concluded.

1	Skivers, upper, machine, male—Concld. 19 establishments...	1914	93	54.1	\$0.318	\$17.21	-----	10	71	9	3	-----
2		1916	92	54.1	.331	17.87	-----	11	70	8	3	-----
3	18 establishments...	1916	91	53.6	.329	17.81	-----	11	61	13	6	-----
4		1918	85	51.0	.437	22.31	61	11	10	3	-----	-----
5	23 establishments...	1918	96	50.9	.423	21.55	71	11	10	4	-----	-----
6	Skivers, upper, machine, female: 13 establishments...	1907	74	56.1	.188	10.55	-----	-----	8	37	29	-----
7		1908	70	56.5	.192	10.85	-----	-----	7	27	36	-----
8		1909	79	56.3	.191	10.75	-----	-----	11	31	37	-----
9		1910	85	56.0	.195	10.92	-----	-----	8	35	42	-----
10	49 establishments...	1910	338	57.0	.175	9.94	1	30	40	81	86	100
11		1911	314	57.3	.176	9.97	2	25	25	84	94	84
12	60 establishments...	1911	374	57.0	.176	9.97	-----	25	33	113	108	95
13		1912	345	55.1	.191	10.54	9	26	158	50	91	11
14	67 establishments...	1912	371	55.0	.193	10.58	9	26	179	59	87	11
15		1913	439	54.6	.209	11.38	12	32	231	104	60	-----
16	65 establishments...	1913	439	54.6	.207	11.29	12	32	227	110	58	-----
17		1914	402	54.0	.211	11.35	26	64	192	99	21	-----
18	72 establishments...	1914	418	54.1	.207	11.16	26	64	190	111	27	-----
19		1916	466	54.2	.205	11.09	16	67	244	118	21	-----
20	104 establishments...	1916	571	54.0	.208	11.23	38	81	293	137	22	-----
21		1918	623	51.7	.266	13.71	1 317	90	182	34	-----	-----
22	121 establishments...	1918	697	51.7	.267	14.73	1 365	90	201	34	7	-----

SOLE-LEATHER DEPARTMENT.

23	Cutters, outsole, male: 10 establishments...	1907	50	54.8	\$0.314	\$17.21	-----	-----	38	5	7	-----
24		1908	47	54.5	.308	16.79	-----	-----	35	10	2	-----
25		1909	49	54.5	.307	16.73	-----	-----	37	10	2	-----
26		1910	54	54.4	.309	16.81	-----	-----	42	10	2	-----
27	31 establishments...	1910	143	56.6	.274	15.44	-----	-----	48	29	46	29
28		1911	129	56.5	.277	15.62	-----	-----	40	34	39	16
29	36 establishments...	1911	146	56.6	.278	15.70	-----	-----	43	43	39	21
30		1912	161	56.4	.286	16.09	-----	2	56	34	48	21
31	42 establishments...	1912	177	56.2	.281	15.75	-----	2	66	39	49	21
32		1913	196	55.4	.303	16.69	-----	16	83	46	51	-----
33	38 establishments...	1913	186	55.2	.304	16.75	-----	16	83	42	45	-----
34		1914	175	54.8	.313	17.12	2	9	88	58	10	8
35	38 establishments...	1914	205	55.0	.304	16.71	2	3	87	89	13	11
36		1916	219	55.0	.310	17.02	2	4	95	89	18	11
37	63 establishments...	1916	324	54.5	.304	16.57	35	9	97	158	18	7
38		1918	374	52.3	.405	21.07	2 148	41	107	67	11	-----
39	76 establishments...	1918	416	52.1	.405	21.02	2 181	42	110	72	11	-----

1 Including 2 employees at 45 hours and 18 at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—

Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	Line No.
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CUTTING DEPARTMENT—Concluded.

						1		2	5	10	64	10	1
								2	5	11	61	8	5
						1	2	5	12	56	9	5	3
						1		1	5	38	20	20	4
						1	1	1	5	47	21	20	5
													6
													7
													8
													9
													10
													11
													12
													13
													14
		3	20	26	33	65	57	134	66	31	4		15
		3	23	30	33	64	56	131	65	30	4		16
		4	14	21	35	62	54	113	65	29	5		17
	1	4	11	22	42	74	54	119	60	27	4		18
	10	27	29	49	80	33	128	66	40	3	1		19
	10	27	40	60	98	49	147	75	58	4	2		20
	2	3	11	28	39	47	169	120	162	37	3		21
	2	3	11	28	46	58	186	128	192	38	5		22
													23
													24
													25
													26
													27
													28
													29
													30
						3	1	20	55	112	5		31
						3	1	19	47	111	5		32
					1	3	1	12	41	116	1		33
					1	3	1	18	64	117	1		34
								26	52	140		1	35
													36
								4	94	180	5	1	37
							1	22	129	202	18		38
							2	4	25	140	227	18	39

Classified data for years prior to 1913 not available.

* Including 54 employees at 48 hours.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

SOLE-LEATHER DEPARTMENT—Concluded.

	Channelers, insole and outsole, male:											
1	.10 establishments...	1907	23	55.1	\$0.283	\$15.59	4	.....	8	2	9	.....
2		1908	23	55.1	.296	16.31	4	.....	8	2	9	.....
3		1909	23	54.7	.306	16.74	4	.....	10	2	7	.....
4		1910	23	54.7	.300	16.41	4	.....	10	2	7	.....
5	44 establishments...	1910	138	56.3	.296	16.61	4	7	39	22	48	18
6		1911	140	56.2	.306	17.12	4	7	37	31	48	13
7	57 establishments...	1911	157	56.3	.289	16.21	.....	7	46	38	45	21
8		1912	149	55.5	.296	16.35	.....	12	61	30	39	7
9	75 establishments...	1912	200	55.9	.298	16.62	.....	12	63	52	57	16
10		1913	196	55.4	.333	18.42	.....	17	71	59	44	5
11	69 establishments...	1913	190	55.4	.335	18.48	.....	17	70	56	40	7
12		1914	194	55.0	.337	18.51	3	26	48	84	29	4
13	70 establishments...	1914	202	55.1	.328	18.02	6	26	49	79	34	8
14		1916	197	55.2	.336	18.51	6	23	48	76	35	9
15	99 establishments...	1916	235	54.6	.332	18.24	13	24	55	108	25	10
16		1918	225	52.6	.431	22.54	¹ 95	30	37	47	15	1
17	122 establishments...	1918	268	52.5	.430	22.42	¹ 122	32	42	52	19	1

FITTING OR STITCHING DEPARTMENT.

18	Tip stitchers, female:											
19	36 establishments...	1911	134	55.8	\$0.205	\$11.38	.....	10	38	32	49	5
		1912	137	55.2	.216	11.87	.....	12	68	17	40	.....
20	79 establishments...	1912	335	54.9	.208	11.36	10	17	186	48	68	6
21		1913	337	54.7	.219	11.94	10	27	175	78	47	.....
22	75 establishments...	1913	329	54.6	.218	11.91	10	27	171	79	42	.....
23		1914	328	54.1	.218	11.82	10	47	182	75	14	.....
24	75 establishments...	1914	326	54.2	.218	11.81	10	47	170	82	17	.....
25		1916	326	54.2	.226	12.24	11	47	180	71	17	.....
26	114 establishments...	1916	416	54.0	.230	12.64	23	56	241	76	20	.....
27		1918	407	51.8	.290	14.95	² 195	74	118	20	.....	.....
28	125 establishments...	1918	437	51.8	.288	14.86	² 213	74	127	20	3	.....
	Backstay stitchers, female:											
29	16 establishments...	1907	81	56.6	.171	9.68	.....	.....	15	18	48	.....
30		1908	78	56.5	.186	10.51	.....	.....	13	23	42	.....
31		1909	91	56.3	.177	9.97	.....	.....	21	25	45	.....
32		1910	95	56.2	.179	10.06	.....	.....	16	25	54	.....
33	49 establishments...	1910	307	56.6	.177	9.95	1	32	35	88	84	67
34		1911	299	56.6	.180	10.16	1	28	36	79	99	56
35	67 establishments...	1911	392	56.5	.185	10.42	.....	28	69	110	121	64
36		1912	378	55.2	.189	10.42	11	8	203	41	97	18
37	78 establishments...	1912	426	55.1	.187	10.31	12	8	231	48	109	18
38		1913	389	54.7	.195	10.62	11	12	208	114	44	.....
39	73 establishments...	1913	379	54.6	.192	10.49	11	12	206	112	38	.....
40		1914	399	51.2	.196	10.59	13	39	227	104	16	.....

¹ Including 7 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

SOLE-LEATHER DEPARTMENT—Concluded.

Classified data for years prior to 1913 not available.													1
													2
													3
													4
													5
													6
													7
													8
													9
						2	2	18	44	94	30	6	10
						2	1	18	43	90	30	6	11
					2	1	3	19	38	91	33	7	12
						3	4	22	40	96	31	4	13
					2	3	1	14	38	103	26	7	14
				2	2								
					4	1	2	17	50	125	21	11	15
						1	1	2	25	71	65	60	16
						1	1	3	30	85	73	75	17

FITTING OR STITCHING DEPARTMENT.

Classified data for years prior to 1913 not available.													18
													19
		4	9	18	39	48	28	99	46	45	1		20
													21
		4	9	19	37	47	28	95	44	45	1		22
		9	11	20	24	37	36	95	51	42	2	1	23
		8	11	21	22	37	37	93	55	39	2	1	24
		7	5	14	22	38	33	102	57	43	5		25
		7	7	13	35	41	44	123	78	63	5		26
		1	2	7	13	22	29	81	69	130	45	8	27
		1	2	9	15	26	31	88	72	136	49	8	28
Classified data for years prior to 1913 not available.													29
													30
													31
													32
													33
													34
													35
													36
		3	21	35	57	65	55	89	39	24	1		37
													38
		3	21	35	55	63	53	86	38	24	1		39
		10	22	46	45	48	50	99	58	21			40

² Including 12 employees at 48 hours.

28 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Continued.

1	Backstay stitchers, female—Concluded. 72 establishments...	1914	381	54.3	\$0.198	\$10.72	13	39	190	119	20	.....
2		1916	405	54.2	.207	11.23	11	43	235	93	23	.....
3	111 establishments...	1916	536	54.0	.211	11.41	35	61	308	108	24	.....
4		1918	500	51.8	.264	13.62	1 251	61	164	24	.....	.....
5	124 establishments...	1918	560	51.9	.261	13.49	1 276	61	192	24	7	.....
6	Lining makers, female: 19 establishments...	1907	124	56.2	.175	9.84	.....	.....	24	44	56	.....
7		1908	112	56.1	.165	9.26	.....	.....	24	42	46	.....
8		1909	122	56.0	.173	9.09	.....	.....	28	46	48	.....
9		1910	134	55.9	.163	9.11	.....	.....	33	55	66	.....
10	53 establishments...	1910	585	56.5	.164	9.19	2	88	76	145	141	133
11		1911	576	56.5	.162	9.08	3	81	75	162	154	101
12	72 establishments...	1911	721	56.5	.166	9.28	.....	81	136	190	189	125
13		1912	706	55.0	.171	9.36	21	39	373	85	161	27
14	80 establishments...	1912	764	55.0	.170	9.31	21	39	391	98	188	27
15		1913	854	54.6	.190	10.38	29	47	469	199	110	.....
16	76 establishments...	1913	833	54.5	.190	10.31	29	47	457	199	101	.....
17		1914	804	53.9	.188	10.15	52	134	409	177	32	.....
18	76 establishments...	1914	796	54.1	.190	10.24	52	134	366	197	47	.....
19		1916	769	54.1	.200	10.78	51	97	409	155	57	.....
20	120 establishments...	1916	961	53.9	.198	10.68	91	118	531	164	57	.....
21		1918	1,055	51.5	.242	12.42	2 615	110	297	33	.....	.....
22	132 establishments...	1918	1,138	51.5	.241	12.35	2 609	110	320	33	6	.....
23	Closers-on, female: 18 establishments...	1907	104	55.3	.200	11.06	.....	17	25	34	28	.....
24		1908	100	55.1	.190	10.47	.....	20	21	41	18	.....
25		1909	101	55.1	.207	11.41	.....	19	19	45	18	.....
26		1910	95	55.0	.198	10.89	.....	23	19	34	19	.....
27	49 establishments...	1910	262	57.1	.178	10.13	1	23	34	57	60	87
28		1911	277	57.1	.178	10.09	1	5	36	89	72	74
29	65 establishments...	1911	350	56.9	.180	10.18	.....	5	62	108	88	87
30		1912	331	54.9	.187	10.21	15	16	178	36	71	15
31	74 establishments...	1912	344	55.0	.186	10.17	15	16	182	40	76	15
32		1913	349	54.4	.194	10.53	18	17	206	73	35	.....
33	69 establishments...	1913	337	54.4	.191	10.39	14	17	203	73	30	.....
34		1914	325	53.8	.193	10.36	28	54	170	63	10	.....
35	51 establishments...	1914	259	53.8	.195	10.51	28	36	124	60	11	.....
36		1916	249	53.8	.199	10.69	18	38	153	30	10	.....
37	68 establishments...	1916	305	53.4	.201	10.77	38	54	180	26	7	.....
38		1918	287	52.1	.235	12.24	4 113	45	103	26	.....	.....
39	90 establishments...	1918	351	52.0	.237	12.28	5 155	47	115	29	5	.....

¹ Including 21 employees at 48 hours.

² Including 23 employees at 48 hours and 1 employee at 45 hours.

³ Including 29 employees at 48 hours and 1 employee at 45 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—

Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	Line No.
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FITTING OR STITCHING DEPARTMENT—Continued.

		11	21	37	42	46	51	93	58	22			1
	2	7	22	21	40	55	50	118	56	31	3		2
	2	9	27	27	55	65	62	160	72	53	4		3
		2	6	16	21	36	43	111	108	134	17	6	4
		4	8	17	27	39	47	127	125	142	17	7	5
Classified data for years prior to 1913 not available.													6
													7
													8
													9
													10
													11
													12
													13
	4	29	75	97	81	105	107	226	82	47	1		14
													15
	5	29	74	96	79	100	105	220	79	45	1		16
	5	25	68	84	86	119	97	206	75	36	3		17
	3	26	65	74	85	115	105	211	75	34	3		18
	7	29	47	64	76	100	88	191	107	54	5	1	19
	11	33	54	77	102	128	113	248	123	65	6	1	20
	1	3	21	51	69	104	98	269	204	200	28	7	21
	1	4	30	58	78	107	104	284	220	214	30	8	22
Classified data for years prior to 1913 not available.													23
													24
													25
													26
													27
													28
													29
													30
		5	22	43	48	39	46	88	39	15	4		31
													32
		5	22	43	49	38	45	84	34	13	4		33
	2	7	22	25	44	42	97	32	32	12			34
		5	17	20	32	32	37	77	27	12			35
	1	8	11	25	25	29	36	63	41	9	1		36
	1	11	33	29	27	34	48	74	56	12			37
		1	7	11	29	22	30	77	56	49	3	2	38
		1	10	14	32	27	35	92	73	59	6	2	39

* Including 1 employee at 45 hours and 11 employees at 48 hours.

* Including 1 employee at 45 hours and 19 employees at 48 hours.

30 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Continued.

1	Top stitchers or under-trimmers, female:											
2	17 establishments...	1907	151	56.3	\$0.185	\$10.42			30	45	76	
3		1908	144	56.3	.190	10.70			31	41	72	
4		1909	156	56.3	.196	11.03			31	47	78	
5		1910	164	56.0	.200	11.20			32	49	83	
6	53 establishments...	1910	721	56.9	.188	10.69	3	64	111	148	192	203
7		1911	742	56.8	.192	10.83	4	63	109	169	232	165
8	73 establishments...	1911	911	56.7	.194	10.95		63	183	212	268	185
9		1912	950	54.9	.198	10.82	29	81	521	80	212	27
10	82 establishments...	1912	1,033	54.9	.198	10.81	29	81	572	96	228	27
11		1913	1,070	54.6	.210	11.47	25	96	573	237	139	
12	77 establishments...	1913	1,033	54.5	.211	11.46	25	96	558	237	117	
13		1914	1,005	54.1	.211	11.39	52	156	524	225	48	
14	77 establishments...	1914	1,004	54.1	.212	11.46	56	152	509	230	57	
15		1916	1,101	54.1	.214	11.55	39	162	612	235	53	
16	123 establishments...	1916	1,392	54.0	.220	11.84	82	192	811	250	57	
17		1918	1,262	51.5	.287	14.61	¹ 678	183	358	43		
18	135 establishments...	1918	1,364	51.6	.285	14.57	¹ 729	183	395	43	14	
19	Button fasteners, female:											
20	26 establishments...	1911	55	56.4	.157	8.88		5	9	12	26	3
21		1912	70	55.9	.183	10.21		6	28	2	34	
22	72 establishments...	1912	205	55.3	.177	9.78	3	15	101	19	58	9
23		1913	232	54.8	.199	10.95	10	17	127	22	56	
24	66 establishments...	1913	221	54.7	.196	10.70	10	18	126	21	46	
25		1914	198	53.7	.197	10.57	18	40	105	26	9	
26	60 establishments...	1914	189	53.7	.192	10.32	18	39	93	29	10	
27		1916	142	53.9	.209	11.28	11	31	65	25	10	
28	51 establishments...	1916	136	53.7	.210	11.30	12	39	59	19	7	
29		1918	85	52.7	.227	11.95	² 27	6	46	6		
30	64 establishments...	1918	102	52.7	.230	12.06	² 34	6	54	6	2	
31	Buttonhole makers, female:											
32	33 establishments...	1911	108	56.3	.176	9.83		2	29	23	48	6
33		1912	168	55.4	.180	9.96		17	79	8	64	
34	74 establishments...	1912	468	55.1	.180	9.87	12	27	257	41	111	20
35		1913	517	54.7	.194	10.60	6	41	306	70	94	
36	71 establishments...	1913	489	54.6	.192	10.50	6	41	302	69	71	
37		1914	477	53.8	.200	10.76	46	99	231	70	31	
38	73 establishments...	1914	484	53.9	.196	10.55	46	99	223	78	38	
39		1916	369	54.0	.213	11.50	26	79	193	45	26	
40	76 establishments...	1916	362	53.7	.214	11.49	39	79	175	57	12	
41		1918	133	52.2	.261	13.61	² 56	13	56	8		
42	82 establishments...	1918	140	52.2	.262	13.62	² 59	13	58	8	2	
43	Eyefleters, female:											
44	92 establishments...	1918	223	51.7	.268	13.64	⁴ 115	38	57	13		

¹ Including 66 employees at 48 hours.

² Including 1 employee at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FITTING OR STITCHING DEPARTMENT—Continued.

Classified data for years prior to 1913 not available.													1
													2
													3
													4
													5
													6
													7
													8
													9
		6	38	89	124	114	131	307	176	73	12		10
		6	37	87	121	112	122	291	173	72	12		11
2	17	36	68	100	119	124	304	144	79	11		1	12
2	17	36	63	94	121	126	305	146	82	11		1	13
1	7	47	53	119	128	129	339	178	89	9		2	14
1	7	51	66	138	155	154	424	240	130	23		3	15
	2	14	22	31	65	72	248	284	391	111	22		16
	2	14	24	36	75	78	268	305	426	111	25		17
Classified data for years prior to 1913 not available.													18
													19
	2	5	18	27	33	30	28	40	22	18			20
													21
2	5	18	27	29	31	30	38	19	13	9			22
	7	15	29	13	28	32	39	17	10	8			23
	6	15	28	14	24	33	38	15	13	3			24
1	2	11	12	8	16	19	36	20	15	2			25
	2	7	15	9	18	15	38	14	16	2			26
	1		4	6	12	13	27	9	11	2			27
	1	1	5	8	14	13	32	10	14	4			28
Classified data for years prior to 1913 not available.													29
													30
	3	16	43	63	67	59	56	110	60	35	3	2	31
													32
	3	16	42	62	62	58	53	99	53	35	3	2	33
2	8	38	48	66	60	55	103	60	27	9	1		34
	2	9	41	53	68	60	58	109	50	25	8	1	35
2	9	22	20	26	44	56	93	51	37	7	2		36
	1	8	20	22	23	41	55	94	53	39	6		37
			1	3	4	8	9	42	31	27	7	1	38
			1	4	4	8	11	42	33	28	8	1	39
			2	5	19	17	13	37	56	58	10		40

³Including 3 employees at 48 hours.⁴Including 10 employees at 48 hours.

32 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.

FITTING OR STITCHING DEPARTMENT—Concluded.

1	Vampers, male:										
2	13 establishments...	1907	167	54.9	\$0.318	\$17.46	7	119	9	32	
3		1908	99	55.2	.287	15.84	18	41	15	25	
4		1909	150	54.6	.287	15.67	58	51	21	20	
5		1910	134	54.5	.294	16.02	48	46	18	22	
6	33 establishments...	1910	263	55.5	.293	16.24	48	67	63	57	28
7		1911	249	55.7	.303	16.88	21	69	81	53	25
8	51 establishments...	1911	343	55.5	.315	17.42	21	138	94	61	29
9		1912	435	54.9	.310	16.97	15	56	199	57	93
10	66 establishments...	1912	483	55.0	.306	16.76	15	56	215	67	112
11		1913	554	54.8	.320	17.47	12	74	227	164	72
12	57 establishments...	1913	531	54.7	.320	17.44	12	74	225	153	62
13		1914	515	54.5	.315	17.13	6	89	195	187	36
14	53 establishments...	1914	479	54.5	.311	16.95	6	91	188	149	39
15		1916	496	54.7	.332	18.12	7	73	205	146	56
16	69 establishments...	1916	586	54.7	.334	18.20	13	58	241	210	55
17		1918	507	51.6	.447	23.05	307	89	64	21	23
18	83 establishments...	1918	573	51.5	.442	22.73	1 366	90	69	22	23
19	Vampers, female:										
20	22 establishments...	1907	351	55.7	.246	13.70	4	54	56	105	132
21		1908	321	55.9	.242	13.33	3	18	60	119	121
22		1909	391	55.5	.253	14.04	5	77	66	123	120
23		1910	366	55.5	.257	14.26	6	39	67	129	125
24	53 establishments...	1910	863	56.9	.238	13.46	20	39	125	206	241
25		1911	909	56.7	.238	13.43	26	45	138	229	268
26	71 establishments...	1911	1,124	56.5	.238	13.46	21	45	191	291	315
27		1912	1,019	55.1	.233	12.84	15	66	546	107	237
28	79 establishments...	1912	1,088	55.1	.231	12.68	15	66	575	121	263
29		1913	1,072	54.7	.246	13.45	14	72	620	216	150
30	77 establishments...	1913	1,052	54.6	.246	13.40	14	72	620	216	130
31		1914	1,037	53.9	.244	13.13	80	181	513	209	54
32	75 establishments...	1914	1,027	54.0	.242	13.06	80	181	468	245	53
33		1916	1,065	54.1	.252	13.61	44	185	580	182	74
34	114 establishments...	1916	1,351	53.9	.253	13.60	108	245	730	191	77
35		1918	1,353	51.6	.313	16.15	2 716	166	409	62	
36	132 establishments...	1918	1,477	51.7	.312	16.11	2 777	166	447	62	25

LASTING DEPARTMENT.

35	Assemblers, for pulling-over machine, male:										
36	17 establishments...	1911	218	55.4	\$0.274	\$15.14		93	69	49	7
37		1912	228	54.8	.265	14.45	31	102	37	47	11
38	50 establishments...	1912	542	55.8	.238	13.21	31	26	174	96	131
39		1913	532	55.5	.261	14.46	14	31	201	134	121
40	54 establishments...	1913	597	55.4	.272	15.01	14	31	245	160	116
		1914	646	55.2	.281	15.45	44	50	188	204	146

¹ Including 12 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FITTING OR STITCHING DEPARTMENT—Concluded.

Classified data for years prior to 1913 not available.													1
													2
													3
													4
													5
													6
													7
													8
													9
				2	11	17	15	66	115	227	93	8	10
				2	11	16	15	64	107	220	88	8	11
		2	2	4	5	13	18	87	101	197	76	10	12
		2	2	4	6	12	18	79	97	186	65	8	13
				2	4	13	16	63	84	211	76	27	14
				2	3	14	15	79	93	257	93	30	15
							4	12	29	136	171	155	16
							4	14	33	161	197	164	17
													18
													19
													20
													21
													22
													23
													24
													25
			12	30	52	86	110	330	235	181	32	4	26
			12	29	51	84	110	325	232	173	32	4	28
	1	5	12	30	62	72	128	278	228	198	22	1	29
		5	13	31	57	76	133	282	225	183	21	1	30
		5	13	24	47	67	108	293	239	238	28	3	31
		6	17	27	61	82	130	370	324	293	36	5	32
			5	11	26	36	68	235	252	469	199	52	33
			6	13	28	39	75	260	278	510	213	55	34
													35
													36
													37
			6	10	19	25	44	158	120	121	29		38
			6	10	16	26	46	165	129	149	49	1	39
		3	7	10	20	29	43	132	133	215	44	10	40

* Including 58 employees at 48 hours.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LASTING DEPARTMENT—Continued.												
	Assemblers, for pulling-over machine, male—Concluded.											
1	56 establishments...	1914	659	55.5	\$0.276	\$15.24	25	50	186	211	163	24
2		1916	586	55.1	.300	16.50	22	67	201	160	103	33
3	89 establishments...	1916	768	55.1	.288	15.85	32	66	250	267	118	35
4		1918	653	52.7	.396	20.75	1 270	66	171	88	56	2
5	102 establishments...	1918	726	52.6	.398	20.85	1 310	87	174	90	63	2
	Pullers-over, hand, male:											
6	13 establishments...	1907	345	56.6	.256	14.49	.....	.....	77	73	195	.....
7		1908	330	56.6	.249	14.09	.....	.....	74	63	193	.....
8		1909	366	56.2	.287	16.13	.....	.....	111	82	173	.....
9		1910	384	55.9	.276	15.43	.....	.....	105	99	180	.....
10	35 establishments...	1910	784	56.4	.291	16.38	5	19	207	178	228	147
11		1911	784	56.2	.309	17.28	7	27	204	206	234	106
12	45 establishments...	1911	897	56.3	.312	17.50	.....	27	263	234	219	154
13		1912	899	55.4	.319	17.62	24	111	297	188	212	67
14	52 establishments...	1912	1,036	55.3	.316	17.41	24	111	343	287	195	76
15		1913	937	55.3	.333	18.37	.....	65	342	332	190	8
16	47 establishments...	1913	907	55.1	.334	18.42	.....	65	354	323	157	8
17		1914	729	54.9	.350	19.24	2	60	212	368	82	5
18	30 establishments...	1914	537	54.8	.357	19.52	2	52	173	258	52	.....
19		1916	429	54.8	.353	19.33	1	60	148	161	59	.....
20	31 establishments...	1916	461	54.8	.354	19.18	.....	52	149	220	40	.....
21		1918	326	51.6	.485	24.91	220	41	13	26	26	.....
22	35 establishments...	1918	344	51.7	.478	24.62	221	41	15	39	28	.....
	Pullers-over, machine, male:											
23	31 establishments...	1910	251	57.4	.320	18.37	.....	.....	50	36	85	80
24		1911	266	56.5	.319	17.95	.....	.....	77	91	47	51
25	43 establishments...	1911	328	56.1	.325	18.18	.....	.....	110	120	52	46
26		1912	305	55.6	.312	17.31	15	34	113	43	47	53
27	60 establishments...	1912	402	55.8	.312	17.39	7	34	148	64	82	67
28		1913	421	55.4	.351	19.42	5	19	183	107	82	25
29	59 establishments...	1913	421	55.4	.352	19.45	5	19	183	112	77	25
30		1914	396	55.3	.360	19.87	16	26	108	155	81	10
31	63 establishments...	1914	410	55.6	.353	19.56	8	30	108	151	95	18
32		1916	421	55.3	.382	21.08	11	40	119	148	80	23
33	109 establishments...	1916	591	55.1	.375	20.60	29	47	161	241	89	24
34		1918	566	52.6	.511	26.76	2 244	60	130	83	46	3
35	124 establishments...	1918	612	52.6	.512	26.77	2 273	60	134	86	56	3
	Sidelasters, hand, male:											
36	20 establishments...	1913	224	54.2	.303	16.40	.....	96	60	54	14	.....
37		1914	237	54.0	.308	16.59	.....	119	44	63	10	1
38	16 establishments...	1914	217	53.6	.304	16.20	31	102	7	61	14	2
39		1916	179	54.2	.315	17.02	10	88	7	54	15	5
40	28 establishments...	1916	282	54.1	.312	16.87	.....	116	71	81	10	4
41		1918	316	52.0	.434	22.52	149	105	23	30	9	.....
42	43 establishments...	1918	394	51.9	.440	22.74	202	114	26	41	11	.....

¹ Including 34 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

LASTING DEPARTMENT—Continued.

			3	7	10	21	32	46	144	146	202	37	11	1
			1	1	9	17	16	40	90	131	203	69	10	2
		1	7		13	22	20	59	149	180	231	72	14	3
					1		9	16	54	69	203	178	123	4
					2		10	17	63	77	214	191	152	5
Classified data for years prior to 1913 not available.														6
														7
														8
														9
														10
														11
														12
														13
					1	3	6	9	113	195	437	152	21	14
					1	2	5	9	105	188	422	154	21	15
						6	8	10	76	123	307	152	47	16
						2	6	7	59	75	236	110	42	17
		1			1	1		3	39	67	204	97	16	18
					1	2		1	42	66	224	107	18	19
								5	9	8	56	111	137	20
								7	11	11	63	112	140	21
Classified data for years prior to 1913 not available.														22
														23
														24
														25
														26
					1	1	4	6	27	71	199	93	19	27
						1	4	6	25	72	201	93	19	28
						1	7	3	28	62	169	99	27	29
						1	7	3	33	75	173	94	24	30
					2	5	6	6	33	55	137	125	58	31
					2	6	6	45	83	224	159	66	33	32
					1	4		8	9	113	148	283	34	33
					3	4		11	10	121	154	309	35	34
						5	9	39	63	87	17	4	36	35
					2	4	5	12	31	51	107	21	4	36
						2	5	13	37	43	81	25	6	37
		1	1		2	1	2	1	25	50	72	17	7	38
				1		3	2	8	37	79	118	28	6	39
						2	2	13	31	94	77	99	41	40
						2		14	34	113	104	127	42	41

¹ Including 20 employees at 48 hours.

36 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LASTING DEPARTMENT—Continued.												
	Side lasters, machine, male:											
1	16 establishments...	1913	155	56.1	\$0.323	\$18.23	.....	.....	63	34	52	7
2		1914	167	54.3	.343	18.54	31	.....	58	53	18	6
3	17 establishments...	1914	153	55.0	.341	18.69	.....	8	80	44	14	7
4		1916	158	54.8	.338	18.48	.....	9	82	50	12	5
5	37 establishments...	1916	230	55.0	.332	18.22	7	7	74	113	20	9
6		1918	234	52.0	.462	23.95	1 129	21	24	40	20	.....
7	57 establishments...	1918	292	52.2	.468	24.35	1 154	26	41	41	27	3
	Bed-machine operators, male:											
8	15 establishments...	1907	246	54.7	.350	19.15	.....	54	126	22	44	.....
9		1908	300	54.8	.334	18.30	.....	23	194	31	52	.....
10		1909	307	54.8	.342	18.74	.....	31	189	34	53	.....
11		1910	300	55.0	.321	17.66	.....	15	169	36	80	.....
12	35 establishments...	1910	513	56.4	.311	17.50	.....	15	169	77	153	99
13		1911	568	56.1	.323	18.09	.....	26	172	159	113	98
14	54 establishments...	1911	793	56.1	.321	17.96	.....	26	263	201	183	120
15		1912	1,004	55.5	.304	16.88	.....	99	438	151	218	98
16	65 establishments...	1912	1,127	55.6	.300	16.67	.....	99	446	216	246	120
17		1913	1,220	55.2	.330	18.21	.....	123	502	354	200	41
18	60 establishments...	1913	1,185	55.1	.331	18.21	.....	123	501	343	177	41
19		1914	1,117	54.9	.322	17.68	.....	172	357	432	136	20
20	64 establishments...	1914	1,113	55.0	.319	17.52	.....	172	357	401	149	34
21		1916	1,092	55.1	.351	19.31	.....	195	309	390	144	54
22	89 establishments...	1916	1,294	55.0	.347	19.04	24	194	377	488	154	57
23		1918	1,179	52.1	.501	26.06	2 606	182	178	130	79	4
24	104 establishments...	1918	1,303	52.1	.500	25.98	2 690	185	194	135	95	4
	Hand-method lasting-machine operators, male:											
25	6 establishments....	1907	99	57.1	.311	17.76	.....	.....	.....	39	60	.....
26		1908	89	56.6	.307	17.38	.....	.....	.....	48	41	.....
27		1909	75	56.7	.309	17.52	.....	.....	.....	39	36	.....
28		1910	80	56.1	.322	18.06	.....	.....	.....	51	29	.....
29	33 establishments...	1910	325	57.4	.306	17.49	4	.....	39	90	86	106
30		1911	352	57.3	.309	17.65	5	.....	45	94	107	101
31	39 establishments...	1911	477	57.0	.316	17.96	.....	.....	94	137	112	134
32		1912	478	55.8	.324	18.03	26	.....	184	86	97	85
33	41 establishments...	1912	456	55.7	.325	18.05	26	.....	167	102	83	78
34		1913	449	55.3	.357	19.72	13	.....	200	144	66	26
35	35 establishments...	1913	402	55.2	.355	19.58	13	.....	177	135	51	26
36		1914	418	55.2	.349	19.20	43	.....	66	214	84	11
37	32 establishments...	1914	372	55.9	.342	19.04	25	.....	45	173	117	12
38		1916	372	55.4	.354	19.55	23	.....	101	151	87	10
39	49 establishments...	1916	466	55.3	.356	19.68	20	11	108	231	90	6
40		1918	362	52.7	.485	25.43	3 166	10	90	55	40	1
41	59 establishments...	1918	411	52.9	.479	25.22	3 179	10	98	66	57	1

¹ Including 23 employees at 48 hours.

² Including 25 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

LASTING DEPARTMENT—Continued.

						1	4	4	26	34	55	27	4
						1	3	4	13	35	63	41	7
						1	3	3	12	29	68	31	6
				1	1	1	2	15	30	74	31	4	4
				1	2	2	5	27	46	103	33	11	5
						1	1	11	10	60	57	95	6
						1	1	14	14	68	67	128	7

Classified data for years prior to 1913 not available.

						2	6	29	125	301	547	170	40
						2	4	28	118	293	537	167	36
			1	3	9	18	28	126	256	505	140	31	19
				1	3	9	18	28	131	265	499	135	24
				1	3	9	7	18	85	197	476	229	66
				1	3	11	7	19	116	249	558	258	71
				2	2	1	4	11	46	172	349	594	23
				2	1	1	5	15	50	187	388	654	24

Classified data for years prior to 1913 not available.

						1	3	38	60	232	92	23	33
						1	8	39	52	198	82	22	35
						1	2	9	47	174	80	34	36
						1	3	5	40	63	178	63	19
						1	2	2	37	63	155	78	32
						1	3	2	39	80	203	107	30
						2	1	8	78	139	134	134	40
						1	1	2	11	96	149	149	41

* Including 38 employees at 48 hours.

38 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

LASTING DEPARTMENT—Concluded.

1	Turn lasters, hand, male:											
2	23 establishments...	1912	452	55.0	\$0.275	\$15.25	.....	106	56	74	127	80
		1913	524	55.0	.310	17.00	.....	140	122	89	149	24
3	23 establishments...	1913	499	55.0	.307	16.81	.....	140	122	64	149	24
4		1914	630	54.4	.322	17.45	86	95	69	297	53	30
5	29 establishments...	1914	681	54.4	.325	17.60	86	110	69	320	56	31
6		1916	733	54.9	.354	19.46	66	102	91	327	137	10
7	35 establishments...	1916	939	54.9	.365	20.06	66	140	125	428	168	12
8		1918	752	53.8	.453	24.34	132	165	73	313	69	.....
9	Turn sewers, machine, male:											
10	17 establishments...	1914	48	53.9	.401	21.54	9	5	4	27	3	.....
		1916	52	53.9	.408	21.93	10	6	3	30	3	.....
11	23 establishments...	1916	76	54.4	.437	23.78	10	10	11	35	10	.....
12		1918	61	54.0	.503	27.01	11	9	8	27	6	.....
13	25 establishments...	1918	67	53.7	.500	26.75	16	9	9	27	6	.....

BOTTOMING DEPARTMENT.

14	Goodyear welters, male:											
15	14 establishments...	1907	67	55.9	\$0.409	\$22.86	.....	22	19	26	.....	
16		1908	70	56.0	.409	22.90	.....	23	18	29	.....	
17		1909	74	55.7	.444	24.73	.....	27	21	26	.....	
		1910	81	55.6	.422	23.46	.....	29	20	32	.....	
18	45 establishments...	1910	275	56.2	.437	24.47	2	19	79	62	61	52
19		1911	289	56.0	.464	25.88	2	27	78	79	52	51
20	60 establishments...	1911	392	56.0	.452	25.21	.....	27	132	93	77	63
21		1912	411	55.8	.454	25.27	.....	40	162	68	84	57
22	70 establishments...	1912	466	55.8	.445	24.75	.....	40	177	91	98	60
23		1913	472	55.3	.501	27.60	.....	44	188	139	85	16
24	66 establishments...	1913	458	55.2	.503	27.71	.....	44	188	136	74	16
25		1914	418	55.0	.508	27.90	.....	48	145	167	52	6
26	67 establishments...	1914	417	55.1	.506	27.85	.....	48	145	153	60	11
27		1916	410	55.1	.519	28.49	.....	63	134	143	52	18
28	84 establishments...	1916	445	55.0	.522	28.60	6	63	146	156	55	19
29		1918	423	52.5	.621	32.43	193	74	63	62	29	2
30	93 establishments...	1918	469	52.3	.620	32.29	232	74	67	62	32	2
31	Rough rounders, male:											
32	15 establishments...	1907	48	56.0	.387	21.67	.....	13	15	20	.....	
33		1908	49	56.0	.368	20.61	.....	13	16	20	.....	
34		1909	54	55.8	.434	24.22	.....	18	16	20	.....	
		1910	56	55.5	.411	22.81	.....	19	16	21	.....	
35	44 establishments...	1910	165	56.7	.406	22.85	1	41	40	44	39	39
36		1911	167	56.5	.438	24.56	1	39	59	33	35	35
37	60 establishments...	1911	221	56.3	.436	24.44	.....	2	65	68	43	43
38		1912	248	55.9	.439	24.41	.....	23	88	50	50	37
39	69 establishments...	1912	273	55.9	.435	24.21	.....	23	93	60	56	41
40		1913	265	55.2	.497	27.37	.....	27	99	84	47	8

Employees whose rates of wages per hour were—													
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	Line No.

[illegible]

Classified data for years prior to 1913 not available.										14		
										15		
										16		
										17		
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										19		
										20		
										21		
							5	21	80	125	241	22
							5	18	78	119	238	23
						1	5	14	66	117	215	24
						1	5	14	66	120	211	25
			1			3	11	17	49	104	225	26
												27
			1			3	12	16	56	105	252	28
							2	5	31	69	316	29
							2	6	36	76	349	30
Classified data for years prior to 1913 not available.										31		
										32		
										33		
										34		
										35		
										36		
										37		
										38		
						1	5	12	58	72	117	39
										40		

40 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

1	Rough rounders, male—											
2	Concluded.											
3	67 establishments...	1913	261	55.2	\$0.497	\$27.35	.....	27	99	83	44	8
4		1914	240	54.9	.506	27.74	.....	34	73	102	26	5
5	67 establishments...	1914	243	55.1	.500	27.52	.....	34	73	95	32	9
6		1916	245	55.1	.503	27.64	.....	38	71	93	32	11
7	84 establishments...	1916	281	54.9	.494	27.06	6	40	86	103	34	12
8		1918	254	52.5	.597	32.39	116	36	42	39	20	1
9	97 establishments...	1918	285	52.4	.593	31.99	138	36	45	41	24	1
10	Goodyear stitchers, male:											
11	21 establishments...	1907	215	55.3	.403	22.29	.....	23	93	45	54	.....
12		1908	214	55.1	.376	20.72	.....	21	92	59	42	.....
13		1909	221	55.3	.394	21.79	.....	26	76	66	53	.....
14		1910	224	55.2	.388	21.42	.....	21	77	70	56	.....
15	45 establishments...	1910	366	56.3	.374	20.97	3	21	88	96	89	69
16		1911	398	56.0	.388	21.65	3	28	106	118	81	74
17	61 establishments...	1911	529	55.9	.387	21.56	.....	28	184	133	110	62
18		1912	562	55.9	.385	21.40	.....	38	221	103	105	95
19	70 establishments...	1912	627	55.9	.376	20.96	.....	38	232	125	128	10
20		1913	642	55.2	.399	21.96	.....	60	267	184	119	1
21	67 establishments...	1913	633	55.1	.398	21.87	.....	60	267	185	109	12
22		1914	569	54.9	.413	22.65	.....	73	190	231	68	7
23	65 establishments...	1914	559	55.0	.412	22.62	.....	73	190	208	75	13
24		1916	557	55.0	.433	23.76	.....	83	188	198	68	20
25	90 establishments...	1916	630	54.9	.434	23.74	15	90	210	217	77	21
26		1918	600	52.5	.524	27.39	279	93	92	82	52	2
27	105 establishments...	1918	680	52.4	.527	27.47	333	95	103	89	58	2
28	McKay sewers, male:											
29	5 establishments....	1907	34	55.2	.288	15.90	.....	14	.....	11	9	.....
30		1908	25	55.3	.311	17.20	.....	9	.....	9	7	.....
31		1909	28	55.7	.274	15.26	.....	9	.....	8	11	.....
32		1910	26	55.2	.279	15.40	.....	10	.....	7	9	.....
33	28 establishments...	1910	95	57.1	.290	16.46	1	10	5	24	30	25
34		1911	107	56.7	.290	16.35	1	13	7	29	43	14
35	30 establishments...	1911	129	56.5	.296	16.63	.....	13	9	49	43	15
36		1912	128	56.3	.285	16.10	.....	3	24	40	50	11
37	32 establishments...	1912	131	56.1	.286	16.00	.....	3	26	42	52	8
38		1913	136	55.6	.319	17.70	.....	5	35	62	30	4
39	32 establishments...	1913	128	55.5	.319	17.68	.....	5	35	63	21	4
40		1914	130	55.5	.343	19.00	8	7	6	74	31	4
41	30 establishments...	1914	123	55.7	.327	18.17	8	7	7	79	17	5
42		1916	136	55.7	.341	18.91	8	9	23	51	33	12
43	53 establishments...	1916	195	55.2	.359	19.75	15	14	37	83	34	12
44		1918	186	52.8	.448	23.48	173	15	60	24	14	.....
45	62 establishments...	1918	203	52.9	.449	23.56	177	16	62	30	18	.....

- 1 Including 8 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

BOTTOMING DEPARTMENT—Continued.

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Classified data for years prior to 1913 not available.

Classified data for years prior to 1913 not available.

42 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
1	Heelers, male: 31 establishments...	1911	115	55.8	\$0.403	\$22.52	.....	10	33	26	44	2
2		1912	124	55.7	.391	21.71	.....	8	46	25	39	6
3	67 establishments...	1912	254	56.2	.378	21.17	.....	9	87	49	69	40
4		1913	269	55.4	.424	23.41	.....	12	114	83	52	8
5	72 establishments...	1913	291	55.3	.424	23.32	.....	21	121	87	54	8
6		1914	293	55.1	.400	21.98	.....	7	38	70	120	10
7	76 establishments...	1914	305	55.3	.403	22.22	.....	7	38	73	116	14
8		1916	323	55.3	.429	23.66	.....	6	42	81	116	19
9	124 establishments...	1916	425	55.0	.431	23.60	.....	20	56	106	161	21
10		1918	391	52.8	.507	26.62	¹ 153	55	76	74	32	1
11	137 establishments...	1918	419	52.8	.502	26.37	¹ 166	55	80	80	37	1
12	Heelers, wood, male: 18 establishments...	1918	248	54.1	.477	25.61	.....	48	68	31	38	63
13	Heel trimmers or shavers, male: 23 establishments...	1907	99	55.1	.438	24.13	.....	25	24	29	21	.....
14		1908	84	55.2	.439	24.23	.....	15	22	29	18	.....
15		1909	82	55.3	.447	24.72	.....	12	22	28	20	.....
16		1910	91	55.2	.443	24.45	.....	17	21	31	22	.....
17	55 establishments...	1910	189	56.6	.410	23.03	.....	1	17	27	54	40
18		1911	193	56.5	.415	23.34	.....	1	16	29	59	36
19	71 establishments...	1911	246	56.5	.415	23.32	.....	16	47	80	60	43
20		1912	239	56.0	.415	23.10	.....	18	70	56	63	32
21	81 establishments...	1912	252	56.0	.420	23.39	.....	18	75	61	66	32
22		1913	277	55.4	.448	24.74	.....	30	90	91	59	7
23	77 establishments...	1913	271	55.3	.443	24.46	.....	30	90	89	55	7
24		1914	262	55.1	.439	24.14	.....	6	37	51	123	40
25	75 establishments...	1914	258	55.2	.428	23.54	.....	6	37	51	111	44
26		1916	284	55.0	.454	24.92	.....	6	49	64	112	13
27	115 establishments...	1916	355	54.9	.449	24.55	.....	16	54	82	145	15
28		1918	323	52.6	.542	28.33	² 134	50	59	60	19	1
29	123 establishments...	1918	350	52.6	.535	27.99	² 149	50	61	64	25	1
30	Heel breasters, male: 35 establishments...	1911	76	56.1	.291	16.23	.....	2	20	20	31	3
31		1912	77	55.7	.302	16.74	.....	8	23	19	23	4
32	75 establishments...	1912	163	55.9	.295	16.36	.....	16	48	38	40	21
33		1913	171	55.4	.313	17.27	.....	17	57	56	34	7
34	73 establishments...	1913	167	55.4	.310	17.10	.....	17	57	54	32	7
35		1914	161	55.2	.306	16.81	.....	3	20	35	73	3
36	70 establishments...	1914	157	55.3	.300	16.51	.....	2	20	35	65	4
37		1916	176	54.9	.314	17.30	.....	3	27	43	74	10
38	99 establishments...	1916	218	55.1	.321	17.64	.....	5	32	53	84	10
39		1918	196	53.0	.413	21.79	³ 69	35	33	33	18	2
40	113 establishments...	1918	218	52.9	.412	21.70	³ 85	36	33	43	19	2

¹ Including 11 employees at 48 hours.² Including 10 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

BOTTOMING DEPARTMENT—Continued.

Classified data for years prior to 1913 not available.											1
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											37
											38
											39
											40

* Including 5 employees at 48 hours.

44 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
BOTTOMING DEPARTMENT—Continued.												
1	Edge trimmers, male: 23 establishments...	1907	283	55.3	\$0.404	\$22.34		46	93	67	77	
2		1908	302	55.1	.386	21.27		48	113	79	62	
3		1909	287	55.2	.397	21.91		46	93	83	65	
4		1910	305	55.0	.401	22.06		58	97	83	67	
5	55 establishments...	1910	573	56.4	.382	21.44	3	58	117	137	137	121
6		1911	615	56.2	.390	21.80	4	55	139	175	140	102
7	71 establishments...	1911	765	56.1	.389	21.73		55	220	200	174	116
8		1912	751	55.9	.386	21.48		51	264	146	192	98
9	81 establishments...	1912	827	55.9	.380	21.15		51	285	176	214	101
10		1913	838	55.4	.410	22.66		49	314	285	160	30
11	77 establishments...	1913	815	55.3	.411	22.66		49	314	282	140	30
12		1914	839	55.0	.404	22.18	19	100	220	363	122	15
13	77 establishments...	1914	827	55.1	.398	21.90	19	100	220	337	130	21
14		1916	835	55.1	.426	23.38	16	109	234	325	123	28
15	125 establishments...	1916	1,053	54.6	.421	23.06	49	118	301	422	132	31
16		1918	940	52.5	.546	28.51	1 420	130	177	144	65	4
17	138 establishments...	1918	1,015	52.5	.545	28.44	1 464	130	188	152	77	4
18	Edge setters, male: 18 establishments...	1907	134	56.0	.400	22.40			31	50	53	
19		1908	142	56.2	.351	19.73			29	48	65	
20		1909	150	56.1	.381	21.37			35	53	62	
21		1910	163	55.9	.385	21.52			34	58	71	
22	54 establishments...	1910	560	56.3	.373	20.94	3	72	97	142	146	100
23		1911	573	56.3	.380	21.31	4	60	113	148	147	101
24	68 establishments...	1911	722	56.3	.380	21.29		60	191	170	177	124
25		1912	698	55.8	.389	21.63		52	257	149	142	98
26	78 establishments...	1912	789	55.8	.379	21.05		52	273	190	171	103
27		1913	815	55.3	.413	22.78		64	300	276	148	27
28	77 establishments...	1913	826	55.3	.411	22.70		64	300	276	159	27
29		1914	827	55.1	.410	22.54	20	109	187	366	127	18
30	78 establishments...	1914	819	55.1	.405	22.27	28	109	187	331	133	31
31		1916	770	55.1	.413	22.65	24	104	195	302	116	29
32	127 establishments...	1916	941	54.9	.412	22.52	50	116	246	371	142	16
33		1918	869	52.7	.524	27.55	2 348	140	148	163	67	3
34	138 establishments...	1918	924	52.7	.525	27.57	2 385	140	153	166	77	3
35	Heel scourers, male: 35 establishments...	1911	125	54.8	.291	16.12		7	44	30	42	2
36		1912	154	55.5	.294	16.25		15	59	24	52	4
37	78 establishments...	1912	342	56.0	.289	16.09		20	116	67	89	50
38		1913	364	55.4	.314	17.35		36	123	122	66	17
39	76 establishments...	1913	360	55.4	.313	17.29		36	123	121	63	17
40		1914	345	55.2	.312	17.18	7	44	78	151	57	8
41	76 establishments...	1914	351	55.0	.305	16.84	7	44	78	144	64	14
42		1916	384	55.2	.342	18.84	4	62	96	142	60	20
43	117 establishments...	1916	484	55.0	.343	18.81	18	68	121	189	66	22
44		1918	439	52.7	.436	22.86	2 181	58	88	73	37	2
45	129 establishments...	1918	470	52.7	.438	22.92	2 198	58	92	77	43	2

¹ Including 26 employees at 48 hours.

² Including 16 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
Classified data for years prior to 1913 not available.													1
													2
													3
													4
Classified data for years prior to 1913 not available.													5
													6
													7
													8
						5	7	44	96	264	268	154	9
						5	7	40	93	256	264	150	10
					3	5	6	30	100	306	242	147	11
													12
					3	5	6	36	98	311	234	134	13
				1	1	2	3	30	76	263	245	206	14
			1	2	2	3	9	40	101	336	319	240	15
			1		1		2	10	13	149	198	566	16
		1		1	1		3	11	20	162	210	606	17
Classified data for years prior to 1913 not available.													18
													19
													20
													21
Classified data for years prior to 1913 not available.													22
													23
													24
													25
						2	4	22	87	274	270	156	26
						2	6	23	88	281	270	156	27
						1	4	17	78	308	293	126	28
													29
						1	4	17	80	310	295	112	30
					1	3	6	19	79	278	220	164	31
													32
					1	3	7	26	90	361	265	188	33
							3	4	25	146	230	461	34
							4	5	26	154	238	497	35
Classified data for years prior to 1913 not available.													36
													37
													38
													39
			1	3	6	11	21	55	85	120	49	13	40
			1	3	7	10	21	54	84	119	49	12	41
			1	5	7	12	14	70	75	99	34	28	42
													43
			1	5	7	11	11	77	80	108	28	23	44
			4	1	3	8	5	46	79	124	97	17	45
			4	2	3	11	9	59	101	161	105	29	46
				1		3	4	22	35	130	109	135	47
				2		4	4	26	37	136	113	148	48

* Including 18 employees at 48 hours.

46 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Concluded.

1	Heelburnishers, male:	1911	106	55.6	\$0.306	\$16.97	.....	2	42	27	34	1
2	33 establishments...	1912	108	55.4	.313	17.31	.....	5	45	25	30	3
3	74 establishments...	1912	254	56.1	.292	16.31	.....	13	84	57	63	37
4		1913	268	55.4	.313	17.29	.....	15	108	83	51	11
5	75 establishments...	1913	280	55.5	.317	17.54	.....	15	108	90	56	11
6		1914	261	55.3	.323	17.85	4	26	59	118	46	8
7	75 establishments...	1914	262	55.5	.315	17.47	4	26	59	121	40	12
8		1916	261	55.5	.331	18.32	5	26	69	92	52	17
9	117 establishments...	1916	349	55.3	.323	17.83	14	31	92	134	59	19
10		1918	301	52.8	.431	22.62	1 125	34	55	57	29	1
11	128 establishments...	1918	325	52.8	.433	22.66	1 141	34	57	59	33	1
12	Buffers, male:	1911	174	55.8	.294	16.37	.....	5	51	49	67	2
13	36 establishments...	1912	170	55.8	.307	17.06	.....	5	52	48	58	7
14	72 establishments...	1912	338	56.0	.289	16.09	.....	21	107	67	105	38
15		1913	354	55.3	.319	17.57	.....	23	123	134	57	17
16	72 establishments...	1913	358	55.3	.318	17.52	.....	23	126	132	60	17
17		1914	370	55.2	.310	17.06	14	33	75	181	59	8
18	72 establishments...	1914	364	55.3	.306	16.89	14	33	74	165	66	12
19		1916	359	55.2	.324	17.88	13	30	83	164	56	13
20	119 establishments...	1916	509	55.0	.324	17.78	24	43	133	235	60	14
21		1918	442	52.7	.422	22.10	2 182	59	78	87	35	1
22	129 establishments...	1918	476	52.7	.424	22.20	2 205	59	79	90	42	1

FINISHING DEPARTMENT.

23	Treers or ironers, hand, male:	1907	331	54.7	\$0.305	\$16.68	.....	107	153	72	49	.....
24	17 establishments...	1908	364	54.5	.294	16.02	.....	107	132	102	23	.....
25		1909	377	54.6	.293	16.00	.....	105	124	113	35	.....
26		1910	444	54.5	.288	15.70	.....	173	110	114	47	.....
27	44 establishments...	1910	832	55.9	.259	14.42	.....	173	140	225	150	144
28		1911	786	56.1	.260	14.50	.....	100	156	250	141	139
29	63 establishments...	1911	1,006	56.0	.267	14.84	.....	100	265	311	181	149
30		1912	1,076	55.9	.262	14.57	.....	115	334	239	239	149
31	73 establishments...	1912	1,143	55.8	.266	14.76	.....	115	385	263	220	160
32		1913	1,110	55.3	.282	15.54	.....	125	407	319	220	39
33	70 establishments...	1913	1,100	55.3	.282	15.54	.....	125	410	321	205	39
34		1914	1,109	55.1	.281	15.45	.....	156	327	433	170	23
35	67 establishments...	1914	1,095	55.3	.279	15.39	.....	155	327	385	190	38
36		1916	1,038	55.1	.295	16.24	.....	185	339	325	156	32
37	97 establishments...	1916	1,220	55.0	.296	16.25	18	198	400	422	137	45
38		1918	1,044	52.4	.409	21.31	4 482	198	140	151	69	4
39	115 establishments...	1918	1,172	52.3	.409	21.28	4 572	201	154	169	72	4

¹ Including 6 employees at 48 hours.

² Including 17 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1907 TO 1918—Continued.

Employees whose rates of wages per hour were—

Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	Line No.
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BOTTOMING DEPARTMENT—Concluded.

Classified data for years prior to 1913 not available.													1 2
				3	8	6	16	41	52	95	44	3	3
				2	9	6	16	42	53	102	44	6	5
		1		4	3	1	9	41	63	91	31	17	6
		1		5	3	1	9	39	69	96	30	9	7
			1		5	8	8	38	53	86	51	11	8
					4	11	13	53	82	116	58	12	9
				1	1	2	2	19	30	82	75	89	10
				1	1	3	3	21	32	84	80	100	11
Classified data for years prior to 1913 not available.													12 13
		2	1	2	1	6	17	57	73	134	52	9	14
													15
		2	1	2	1	7	16	56	77	139	48	9	16
				1	9	15	19	59	65	149	40	13	17
				1	8	15	20	60	66	150	33	11	18
			4	5	3	1	5	45	85	146	59	6	19
			4	7	4	4	12	57	131	203	77	12	20
				3	2	4	4	26	32	145	103	123	21
				3	2	4	5	29	33	153	111	136	22

FINISHING DEPARTMENT.

Classified data for years prior to 1913 not available.													23 24 25 26
													27 28
													29 30
				1	21	27	55	60	245	275	353	59	14
				2	22	28	55	60	236	270	354	59	14
		1		4	22	30	58	78	204	285	348	60	19
				2	4	22	27	62	83	202	277	344	53
		1		9	10	18	24	45	204	273	353	66	35
				1	13	9	16	30	44	221	338	432	89
		1		1	1		7	3	15	37	98	338	325
				1	1		8	5	16	47	111	370	360

³ Including 11 employees at 71 hours.⁴ Including 9 employees at 48 hours.

TABLE A.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN THE UNITED STATES,

Line No.	Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FINISHING DEPARTMENT—Concluded.

1	Treers or ironers, hand, female:											
2	8 establishments...	1910	74	57.8	\$0.143	\$8.19				22	32	20
		1911	70	57.7	.144	8.21				23	25	22
3	11 establishments...	1911	85	58.1	.145	8.32				23	25	37
4		1912	105	54.3	.154	8.35			11	67	13	14
5	13 establishments...	1912	108	54.4	.153	8.32			11	67	13	17
6		1913	110	54.6	.158	8.56			20	61		29
7	12 establishments...	1913	110	54.6	.158	8.56			20	61		29
8		1914	112	52.2	.174	9.06	41	40	24	7		
9	11 establishments...	1914	107	52.1	.175	9.06	41	40	19	7		
10		1916	111	52.9	.183	9.66	20	45	34	12		
11	13 establishments...	1916	139	53.1	.188	9.93	20	59	48	12		
12		1918	123	52.3	.234	12.17	51	12	35	25		
13	31 establishments...	1918	211	53.3	.232	12.25	66	16	75	30	24	
	Treers or ironers, machine, male:											
14	14 establishments...	1916	236	55.3	.268	14.77		4	69	163		
15		1918	140	52.8	.360	18.71	166	3	43		28	
16	23 establishments...	1918	215	52.5	.373	19.36	112	16	46	1	40	

OTHER EMPLOYEES (ALL DEPARTMENTS).

17	Male:											
18	81 establishments...	1914	19,667	55.1	\$0.223	\$12.28	3,858	2,204	4,792	7,774	3,291	4,748
		1916	19,001	55.1	.242	13.32	5,543	2,555	5,440	6,672	2,988	6,803
19	130 establishments...	1916	23,142	55.0	.242	13.29	71,103	2,778	6,625	8,481	3,213	8,942
20		1918	21,967	52.7	.328	17.20	9,505	3,191	4,031	3,263	1,613	10,373
21	143 establishments...	1918	23,324	52.7	.327	17.17	10,153	3,191	4,393	3,330	1,859	12,398
22	Female:											
23	80 establishments...	1914	11,502	54.0	.167	9.00	13,811	1,883	6,083	2,010	708	7
		1916	11,556	54.0	.176	9.48	14,691	1,935	6,161	2,017	752	
24	129 establishments...	1916	14,466	53.9	.179	9.62	15,127	2,248	7,988	2,190	803	
25		1918	15,007	51.7	.227	11.72	16,753	2,327	4,595	532		
26	142 establishments...	1918	16,007	51.8	.226	11.67	17,816	2,327	4,771	773		

¹ Including 20 employees at 48 hours.² Including 21 employees at 48 hours.³ Including 13 employees under 48 hours, and 4 at 48 hours.⁴ Including 34 employees over 60 hours.⁵ Including 30 employees under 48 hours, and 15 at 48 hours.⁶ Including 89 employees over 60 hours.⁷ Including 63 employees under 48 hours, and 18 at 48 hours.⁸ Including 103 employees over 60 hours.⁹ Including 186 employees under 48 hours, and 608 at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY
BY YEARS, 1907 TO 1918—Concluded.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FINISHING DEPARTMENT—Concluded.

Classified data for years prior to 1913 not available.												1
												2
												3
												4
												5
2	8	5	29	24	13	14	9	4	2		6	
2	8	5	29	24	13	14	9	4	2		7	
1	7	7	12	15	19	18	26	7			8	
1	7	7	11	15	17	18	23	7	1		9	
1	2	7	11	23	14	7	33	12	1		10	
1	3	8	12	24	18	10	46	16	1		11	
		2	3	3	12	24	38	25	12	4	12	
	1	5	7	11	19	33	63	40	23	8	13	
	1	2		1	7	8	75	83	30	23	14	
						2	14	34	54	14	15	
						2	15	42	89	39	16	

OTHER EMPLOYEES (ALL DEPARTMENTS).

39	165	481	1,350	1,459	1,689	1,942	1,609	4,002	3,174	2,908	634	215	17
30	114	445	1,192	1,247	1,311	1,695	1,326	3,518	3,259	3,376	1,038	450	18
37	133	521	1,409	1,491	1,562	2,091	1,709	4,369	3,965	4,091	1,212	552	19
10	22	43	189	425	683	799	976	3,379	3,567	6,362	3,222	2,299	20
11	25	47	228	468	732	874	1,051	3,601	3,744	6,696	3,395	2,452	21
66	322	976	1,509	1,484	1,391	1,466	1,196	1,902	825	318	36	11	22
57	226	728	1,485	1,442	1,300	1,399	1,197	2,167	1,031	451	58	15	23
62	288	815	1,726	1,800	1,603	1,768	1,540	2,775	1,319	658	95	17	24
16	46	141	527	1,032	1,528	1,564	1,532	3,517	2,256	2,282	433	133	25
16	46	164	620	1,116	1,608	1,648	1,608	3,805	2,380	2,405	454	137	26

¹⁰ Including 142 employees over 60 hours.

¹¹ Including 189 employees under 48 hours, and 608 at 48 hours.

¹² Including 164 employees over 60 hours.

¹³ Including 14 employees under 48 hours, and 1 employee at 48 hours.

¹⁴ Including 17 employees under 48 hours, and 22 at 48 hours.

¹⁵ Including 81 employees under 48 hours, and 23 at 48 hours.

¹⁶ Including 84 employees under 48 hours, and 316 at 48 hours.

¹⁷ Including 89 employees under 48 hours, and 316 at 48 hours.

50 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE,

[The figures for both years are for identical establishments.]

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
CUTTING DEPARTMENT.												
	CUTTERS, VAMP AND WHOLE SHOE, HAND, MALE.											
1	Illinois:											
2	5 establishments...	1916	156	54.2	\$0.378	\$20.46	.....	36	23	97	.....	.....
		1918	145	50.6	.567	28.67	111	26	8	.....	.....	.....
3	Maine:											
4	4 establishments...	1916	71	56.9	.320	18.15	.....	.....	19	.....	52	.....
		1918	43	54.1	.493	26.67	.....	.....	38	5	.....	.....
5	Massachusetts:											
6	40 establishments...	1916	803	53.0	.395	20.86	217	171	274	131	10	.....
		1918	805	51.2	.499	25.43	1,549	157	51	32	16	.....
7	Minnesota:											
8	3 establishments...	1916	43	60.0	.325	19.50	.....	.....	.....	.....	43	.....
		1918	65	54.7	.394	21.54	.....	.....	18	47	.....	.....
9	Missouri:											
10	11 establishments...	1916	322	54.7	.365	19.98	20	.....	134	131	37	.....
		1918	320	50.4	.499	25.10	294	.....	22	.....	4	.....
11	New Hampshire:											
12	4 establishments...	1916	38	55.0	.298	16.37	.....	.....	.....	38	.....	.....
		1918	59	50.5	.393	19.84	55	.....	.....	2	2	.....
13	New Jersey:											
14	4 establishments...	1916	61	55.0	.330	18.12	.....	.....	.....	61	.....	.....
		1918	46	55.0	.347	19.06	.....	.....	.....	46	.....	.....
15	New York:											
16	12 establishments...	1916	313	51.9	.420	21.80	86	163	35	29	.....	.....
		1918	285	51.6	.525	27.09	89	181	.....	15	.....	.....
17	Ohio:											
18	6 establishments...	1916	189	53.6	.373	19.86	111	.....	.....	7	69	2
		1918	153	54.6	.496	27.11	55	.....	.....	43	55	.....
19	Pennsylvania:											
20	9 establishments...	1916	188	55.4	.327	18.16	.....	10	62	67	49	.....
21		1918	194	55.4	.383	21.28	.....	11	63	68	52	.....
22	Wisconsin:											
23	4 establishments...	1916	37	57.4	.299	17.13	.....	.....	.....	19	.....	18
24		1918	32	54.5	.385	21.00	5	.....	.....	25	2	.....
25	Other States:											
26	4 establishments...	1916	36	57.6	.264	15.23	.....	.....	.....	13	23	.....
		1918	45	54.4	.358	19.45	.....	.....	27	18	.....	.....
27	Total:											
28	106 establishments...	1916	2,257	53.9	.375	20.12	434	380	547	593	240	63
		1918	2,192	52.0	.483	25.00	1,158	375	227	301	131	.....
	CUTTERS, VAMP AND WHOLE SHOE, MACHINE, MALE.											
29	Massachusetts:											
30	26 establishments...	1916	372	53.8	.375	20.12	74	8	150	140	.....	.....
		1918	489	51.2	.469	23.96	323	63	81	20	2	.....
31	Missouri:											
32	6 establishments...	1916	164	56.8	.254	14.33	22	.....	20	.....	112	.....
		1918	142	57.4	.347	19.78	.....	.....	45	.....	97	.....
33	New Hampshire:											
34	3 establishments...	1916	151	55.0	.311	17.13	.....	.....	.....	151	.....	.....
		1918	162	50.2	.458	22.95	157	.....	.....	5	.....	.....
35	New York:											
36	5 establishments...	1916	141	54.2	.338	18.23	15	21	.....	105	.....	.....
		1918	140	48.6	.449	21.94	2,129	11	.....	.....	.....	.....
37	Ohio:											
38	3 establishments...	1916	47	55.0	.296	16.30	.....	.....	.....	47	.....	.....
		1918	64	55.0	.392	21.58	.....	.....	.....	64	.....	.....

¹ Including 47 employees at 48 hours.

**AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY
BY YEARS, 1916 AND 1918.**

[The figures for both years are for identical establishments.]

Employees whose rates of wages per hour were—													Line No.
Un- der 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40. and under 50 cents.	50 cents and over.	

CUTTING DEPARTMENT.

				1		1	2	5	15	67	54	12	1
				1					1	6	35	102	2
						1	2	1	13	43	11		3
								3		5	20	15	4
						2	2	16	58	420	215	90	5
							1	7	17	130	123	527	6
									4	39			7
									1	35	29		8
				1	2		1	24	40	127	108	19	9
					1	1	1	1	5	52	123	136	10
							1	9	13	13	1	1	11
								9	4	14	28	4	12
							3	11	9	23	13	2	13
				1		2	2	4	3	22	9	3	14
								6	18	97	147	45	15
				1				3	4	22	72	183	16
						1		15	26	88	35	24	17
								2	9	24	44	74	18
					1	4	3	33	50	49	33	15	19
					1	2		6	37	74	40	34	20
						1	2	2	10	21	1		21
								1	2	11	18		22
						1		13	15	7			23
									7	26	11	1	24
				1	3	11	16	135	271	994	618	208	25
				3	2	5	4	36	90	421	552	1,079	26
						4	6	18	29	133	167	15	27
								3	5	68	151	202	28
		1		5	2	20	11	41	42	37	5		29
					1	1		10	43	55	16	15	30
							6	17	49	68	9	2	31
								4	12	45	48	53	32
								32	19	64	9	17	33
								1	5	39	60	35	34
						2		7	6	31	1		35
									4	44	10	6	36

* Including 117 employees at 48 hours.

52 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

CUTTING DEPARTMENT—Continued.

	CUTTERS, VAMP AND WHOLE SHOE, MACHINE, MALE—concl'd.											
1	Pennsylvania:											
2	3 establishments....	1916	23	54.9	\$0.239	\$13.10	.....	.....	2	21	.....	.....
		1918	21	54.7	.308	16.86	.....	.....	6	15	.....	.....
3	Other States:											
4	10 establishments....	1916	76	56.8	.310	17.64	.....	3	.....	31	33	9
		1918	112	54.3	.483	26.20	9	.....	63	32	8	.....
5	Total:											
6	56 establishments....	1916	974	54.9	.327	17.86	111	32	182	495	145	9
		1918	1,130	52.1	.444	22.99	1,618	74	195	136	107	.....
	SKIVERS, UPPER, MACHINE, MALE.											
7	Massachusetts:											
8	11 establishments....	1916	68	54.1	.327	17.68	.....	.....	61	7	.....	.....
		1918	64	50.4	.425	21.39	59	.....	2	3	.....	.....
9	New York:											
10	2 establishments....	1916	13	53.2	.397	21.16	.....	11	.....	2	.....	.....
		1918	10	52.8	.641	33.88	.....	10	.....	.....	.....	.....
11	Other States:											
12	5 establishments....	1916	10	51.1	.254	14.34	.....	.....	.....	4	6	.....
		1918	11	53.1	.324	17.19	2	1	8	.....	.....	.....
13	Total:											
14	18 establishments....	1916	91	53.6	.329	17.81	.....	11	61	13	6	.....
		1918	85	51.0	.437	22.31	61	11	10	3	.....	.....
	SKIVERS, UPPER, MACHINE, FEMALE.											
15	Illinois:											
16	3 establishments....	1916	34	55.0	.199	10.95	.....	.....	.....	34	.....	.....
		1918	35	50.3	.265	13.35	29	6	.....	.....	.....	.....
17	Maine:											
18	5 establishments....	1916	10	57.9	.224	12.98	.....	.....	.....	.....	10	.....
		1918	17	54.0	.310	16.74	.....	.....	17	.....	.....	.....
19	Massachusetts:											
20	34 establishments....	1916	163	53.8	.238	12.79	8	27	120	8	.....	.....
		1918	168	52.1	.281	14.55	267	46	55	.....	.....	.....
21	Minnesota:											
22	3 establishments....	1916	20	54.0	.199	10.74	.....	.....	20	.....	.....	.....
		1918	24	53.3	.210	11.18	.....	6	11	7	.....	.....
23	Missouri:											
24	12 establishments....	1916	73	53.8	.189	10.14	4	.....	69	.....	.....	.....
		1918	80	52.4	.249	13.02	31	.....	49	.....	.....	.....
25	New Hampshire:											
26	8 establishments....	1916	66	55.0	.194	10.70	.....	.....	.....	66	.....	.....
		1918	75	50.1	.308	15.40	73	.....	2	.....	.....	.....
27	New Jersey:											
28	3 establishments....	1916	12	55.0	.173	9.73	.....	.....	.....	12	.....	.....
		1918	11	54.5	.215	11.67	.....	2	.....	9	.....	.....
29	New York:											
30	12 establishments....	1916	73	52.1	.249	12.95	16	33	24	.....	.....	.....
		1918	67	50.3	.304	15.21	339	28	5	.....	.....	.....
31	Ohio:											
32	7 establishments....	1916	41	53.8	.175	9.42	.....	19	22	.....	.....	.....
		1918	59	50.0	.235	11.73	59	.....	.....	.....	.....	.....
33	Pennsylvania:											
34	9 establishments....	1916	46	53.2	.164	8.72	10	2	32	2	.....	.....
		1918	42	52.5	.234	12.39	15	2	25	.....	.....	.....

¹ Including 117 employees at 48 hours.² Including 2 employees at 45 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

CUTTING DEPARTMENT—Continued.

					1		3	11	6	2			1
							1	4	4	11	1		2
						3	2	11	15	37	7		3
								2	7	34	27	1	4
		1		5	3	29	28	137	166	372	198	35	5
					1	1	2	24	80	296	313	413	6
						1		3	9	46	4	5	7
									1	35	15	13	8
								1		8	5		9
											2	7	10
							2	2	3	2			11
						1			4	3	3		12
						1	2	5	12	56	9	5	13
						1		1	5	38	20	20	14
			2	2	3	3	5	17	1	1			15
						1		14	14	6			16
							3	2	3	1			17
							1	1	6	8	1		18
		1	1	3	7	44	12	27	32	32	2	3	19
					4	2	18	46	33	52	7	5	20
					3	3	3	9	1	1			21
					3	2	4	11	2	1			22
		4	4	11	12	8	2	17	12	2	1		23
			2	2	4	7	4	25	14	18	4		24
			3	7	3	14	8	25	4	2			25
						2	1	12	17	34	9		26
				3	3	2	1	1	2				27
					1	5	1	1	1	2			28
				1	3	5	4	29	15	16			29
					1	1	3	17	13	20	12		30
			9	4	6	7	4	6	3	2			31
			2	2	4	5	12	16	8	12			32
		5	6	5	10	3	7	8		1	1		33
			1	1	7	10	2	6	5	7	3		34

* Including 18 employees at 48 hours.

54 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

CUTTING DEPARTMENT—Concluded.

	SKIVERS, UPPER, MACHINE, FEMALE—CON.											
1	Virginia:											
2	3 establishments....	1916	12	59.0	\$0.169	\$9.97					12	
		1918	15	54.0	.231	12.48			15			
3	Wisconsin:											
4	4 establishments....	1916	15	55.0	.171	9.40				15		
		1918	22	54.1	.221	11.95	4			18		
5	Other States:											
6	1 establishment....	1916	6	54.0	.167	9.02			6			
		1918	8	54.0	.154	8.30			8			
7	Total:											
8	104 establishments..	1916	571	54.0	.208	11.23	38	81	293	137	22	
		1918	623	51.7	.266	13.71	1317	90	182	34		

SOLE-LEATHER DEPARTMENT.

	CUTTERS, OUTSOLE, MALE.											
9	Massachusetts:											
10	24 establishments...	1916	98	54.6	\$0.319	\$17.37	6	2	41	49		
		1918	113	52.2	.399	20.77	49	23	31	8	2	
11	Missouri:											
12	3 establishments....	1916	72	52.7	.330	17.45	21		51			
		1918	71	53.5	.420	22.48	9		62			
13	New York:											
14	8 establishments....	1916	51	54.5	.265	14.42	2	4	2	43		
		1918	65	48.6	.430	20.87	258	6		1		
15	Ohio:											
16	8 establishments....	1916	27	55.4	.275	15.28				24	3	
		1918	24	55.5	.394	21.91				21	3	
17	Pennsylvania:											
18	6 establishments....	1916	16	56.4	.276	15.53		2	3	1	10	
		1918	15	55.1	.348	19.08		2	3	7	3	
19	Other States:											
20	14 establishments...	1916	60	55.3	.301	16.88	6	1		41	5	7
		1918	86	52.8	.393	20.58	32	10	11	30	3	
21	Total:											
22	63 establishments...	1916	324	54.5	.304	16.57	35	9	97	158	18	7
		1918	374	52.3	.405	21.07	2148	41	107	67	11	
	CHANNELERS, INSOLE AND OUTSOLE, MALE.											
23	Illinois:											
24	6 establishments....	1916	12	54.1	.323	17.49		3	2	7		
		1918	13	50.9	.379	19.30	9	2	2			
25	Maine:											
26	4 establishments....	1916	10	58.2	.316	18.37					10	
		1918	12	54.6	.453	24.71			10	1		1
27	Massachusetts:											
28	30 establishments...	1916	85	52.8	.368	19.91	7	7	39	32		
		1918	86	51.5	.480	24.61	53	17	10	5	1	
29	Missouri:											
30	9 establishments....	1916	19	57.4	.295	16.95			6	13		
		1918	21	54.4	.372	20.04	8		5		8	
31	New Hampshire:											
32	6 establishments....	1916	14	55.0	.380	20.88				14		
		1918	13	50.4	.581	29.18	12			1		

¹ Including 2 employees at 45 hours and 18 at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

CUTTING DEPARTMENT—Concluded.

				1	6	3		2					1
					1	1		9	4				2
			2	3	1	5		3	1				3
				1	2	3	1	10	2	2	1		4
		1			3			1	1				5
		1		4	1			1	1				6
		10	27	40	60	98	49	147	75	58	4	3	7
		2	3	11	28	39	47	169	120	162	37	5	8

SOLE-LEATHER DEPARTMENT.

								7	23	68			9
									1	42	68	2	10
								3	7	61		1	11
									1	27	43		12
								13	28	10			13
									2	6	51	6	14
								8	11	8			15
									2	13	5	3	16
								6	2	8			17
						1		1	5	1	7		18
								7	23	25	5		19
								1	10	40	28	7	20
								44	94	180	5		21
						1		2	22	129	202	18	22
						1		1	1	7	2		23
								1	1	6	4	1	24
								3					25
										7	8	2	26
								1	17	52	7	8	27
									6	15	26	39	28
						2		1	7	8	1		29
									4	10	6	1	30
								1	1	6	5	1	31
										2	3	8	32

2 Including 54 employees at 48 hours.

56 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

SOLE-LEATHER DEPARTMENT—Concluded.

	CHANNELERS, INSOLE AND OUTSOLE, MALE—concluded.											
1	New York:											
2	11 establishments...	1916	30	52.8	\$0.338	\$17.85	6	13	2	9	-----	-----
		1918	25	51.0	.415	21.12	¹ 12	10	-----	3	-----	-----
3	Ohio:											
4	8 establishments...	1916	18	55.7	.293	16.30	-----	-----	-----	15	3	-----
		1918	16	55.3	.344	19.00	-----	-----	-----	15	1	-----
5	Pennsylvania:											
6	9 establishments...	1916	23	55.8	.253	14.22	-----	1	6	7	9	-----
		1918	17	55.3	.348	19.26	-----	1	5	7	4	-----
7	Other States:											
8	16 establishments...	1916	24	57.6	.311	17.92	-----	-----	-----	11	3	10
		1918	22	54.7	.371	20.32	1	-----	5	15	1	-----
9	Total:											
10	99 establishments...	1916	235	54.6	.332	18.24	13	24	55	108	25	10
		1918	225	52.6	.431	22.54	¹ 95	30	37	47	15	1

FITTING OR STITCHING DEPARTMENT.

	TIP STITCHERS, FEMALE.											
11	Illinois:											
12	5 establishments...	1916	23	54.9	\$0.223	\$12.26	-----	-----	2	21	-----	-----
		1918	22	50.5	.320	16.15	17	4	1	-----	-----	-----
13	Maine:											
14	5 establishments...	1916	16	57.9	.238	13.74	-----	-----	-----	-----	16	-----
		1918	24	54.0	.339	18.28	-----	-----	24	-----	-----	-----
15	Massachusetts:											
16	42 establishments...	1916	162	53.8	.249	14.06	3	27	132	-----	-----	-----
		1918	164	51.1	.313	16.09	85	47	32	-----	-----	-----
17	Missouri:											
18	10 establishments...	1916	44	53.6	.187	10.00	4	-----	40	-----	-----	-----
		1918	34	52.9	.214	11.22	9	-----	25	-----	-----	-----
19	New Hampshire:											
20	6 establishments...	1916	25	55.0	.240	13.21	-----	-----	-----	25	-----	-----
		1918	21	50.2	.313	15.73	20	-----	1	-----	-----	-----
21	New Jersey:											
22	4 establishments...	1916	12	55.0	.202	11.11	-----	-----	-----	12	-----	-----
		1918	9	53.7	.228	12.21	-----	4	-----	5	-----	-----
23	New York:											
24	13 establishments...	1916	43	52.3	.283	14.78	11	14	18	-----	-----	-----
		1918	38	50.1	.341	17.10	² 24	14	-----	-----	-----	-----
25	Ohio:											
26	8 establishments...	1916	26	53.8	.202	10.86	-----	14	12	-----	-----	-----
		1918	31	50.0	.262	13.10	31	-----	-----	-----	-----	-----
27	Pennsylvania:											
28	9 establishments...	1916	30	53.3	.182	9.73	5	1	24	-----	-----	-----
		1918	30	53.0	.228	12.12	7	2	21	-----	-----	-----
29	Wisconsin:											
30	4 establishments...	1916	18	55.0	.180	9.92	-----	-----	-----	18	-----	-----
		1918	14	54.3	.229	12.38	2	-----	-----	12	-----	-----
31	Other States:											
32	8 establishments...	1916	17	55.2	.199	11.00	-----	-----	13	-----	4	-----
		1918	20	53.6	.223	11.95	-----	3	14	3	-----	-----
33	Total:											
34	114 establishments...	1916	416	54.0	.230	12.64	23	56	241	76	20	-----
		1918	407	51.8	.290	14.95	² 195	74	118	20	-----	-----

¹ Including 7 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

SOLE-LEATHER DEPARTMENT—Concluded.

								1	6	20	3		1
						1			2	8	9	5	2
								4	5	7	2		3
									3	11	2		4
			2	2	2		2		6	9			5
							1	1	4	6	4	1	6
								5	7	9	1	2	7
									5	11	3	3	8
			2	2	4	1	2	17	50	125	21	11	9
						1	1	2	25	71	65	60	10

FITTING OR STITCHING DEPARTMENT.

				2	3		5	6	5	2			11
						1		3	3	12	3		12
					1	2	1	4	7	1			13
							1	4	2	11	6		14
		2	1		6	11	17	52	33	39	1		15
		1	3	5	2	5	5	31	31	57	23	6	16
					4	12	4	9	4	2			17
					2	6	6	6	3	7			18
				1	1		1	13	5	4			19
					1	1		3	5	7	4		20
					2	3	1	5	1				21
					1	1	1	4		2			22
					2	2		8	16	11	4		23
		1		1				3	4	19	8	2	24
					2	2	4	6	3	1			25
						1	3	11	9	6	1		26
		3	2	1	9	1	3	9	1	1			27
					3	5	7	5	4	6			28
				1	4	3	4	4	1				29
			1			2	2	4	3	2			30
		1		1	1	3	2	5	2	2			31
					1	2	4	7	5	1			32
		7	7	13	35	41	44	123	78	63	5		33
		1	2	7	13	22	29	81	69	130	45	8	34

² Including 12 employees at 48 hours.

58 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Continued.

BACKSTAY STITCHERS, FEMALE.												
Illinois:												
1	5 establishments....	1916	24	54.0	\$0.252	\$13.64	.....	6	6	12	.....	.....
2		1918	33	51.3	.258	13.11	20	5	8	.....	.....	.....
Maine:												
3	4 establishments....	1916	16	57.8	.176	10.17	.....	.....	.....	.....	16	.....
4		1918	15	54.0	.204	15.85	.....	.....	15	.....	.....	.....
Massachusetts:												
5	43 establishments...	1916	185	53.7	.239	12.84	12	16	157	.....	.....	.....
6		1918	177	51.7	.289	14.93	97	26	54	.....	.....	.....
Minnesota:												
7	3 establishments....	1916	9	54.0	.252	13.63	.....	.....	9	.....	.....	.....
8		1918	7	52.8	.247	13.05	.....	3	2	2	.....	.....
Missouri:												
9	10 establishments...	1916	68	53.7	.178	9.55	5	.....	63	.....	.....	.....
10		1918	50	53.0	.215	11.30	13	.....	37	.....	.....	.....
New Hampshire:												
11	7 establishments....	1916	62	55.0	.200	11.01	.....	.....	.....	62	.....	.....
12		1918	48	50.3	.294	14.76	45	.....	3	.....	.....	.....
New York:												
13	10 establishments...	1916	44	52.9	.247	13.06	7	14	14	9	.....	.....
14		1918	48	49.9	.291	14.39	130	18	.....	.....	.....	.....
Ohio:												
15	8 establishments....	1916	41	53.8	.184	9.88	.....	20	21	.....	.....	.....
16		1918	30	50.0	.238	11.91	30	.....	.....	.....	.....	.....
Pennsylvania:												
17	9 establishments....	1916	53	53.0	.161	8.59	11	5	37	.....	.....	.....
18		1918	51	52.7	.207	10.96	14	6	31	.....	.....	.....
Wisconsin:												
19	4 establishments....	1916	15	55.0	.183	10.05	.....	.....	.....	15	.....	.....
20		1918	19	54.5	.231	12.56	2	.....	.....	17	.....	.....
Other States:												
21	8 establishments....	1916	19	56.6	.195	11.00	.....	.....	1	10	8	.....
22		1918	22	54.0	.244	13.15	.....	3	14	5	.....	.....
23	Total:											
24	111 establishments...	1916	536	54.0	.211	11.41	35	61	308	108	24	.....
		1918	500	51.8	.264	13.62	1251	61	164	24	.....	.....
LINING MAKERS, FEMALE.												
Illinois:												
25	5 establishments....	1916	52	53.9	.240	12.93	.....	17	7	28	.....	.....
26		1918	59	50.6	.253	12.75	48	4	7	.....	.....	.....
Maine:												
27	4 establishments....	1916	40	58.0	.196	11.39	.....	.....	.....	40	.....	.....
28		1918	37	54.0	.278	15.03	.....	.....	37	.....	.....	.....
Massachusetts:												
29	47 establishments...	1916	331	53.8	.219	11.75	20	20	291	.....	.....	.....
30		1918	361	51.2	.264	13.48	242	49	70	.....	.....	.....
Minnesota:												
31	3 establishments....	1916	19	54.0	.197	10.66	.....	.....	19	.....	.....	.....
32		1918	25	53.6	.215	11.49	.....	4	15	6	.....	.....
Missouri:												
33	10 establishments...	1916	84	53.6	.168	9.04	7	.....	77	.....	.....	.....
34		1918	111	52.1	.193	10.00	52	.....	59	.....	.....	.....
New Hampshire:												
35	8 establishments....	1916	103	55.0	.160	8.79	.....	.....	.....	103	.....	.....
36		1918	89	50.4	.255	12.81	81	.....	8	.....	.....	.....
New Jersey:												
37	4 establishments....	1916	24	55.0	.202	11.09	.....	.....	.....	24	.....	.....
38		1918	14	54.1	.200	10.80	.....	4	.....	10	.....	.....
New York:												
39	13 establishments...	1916	128	51.8	.220	11.41	51	34	43	.....	.....	.....
40		1918	123	50.6	.274	13.80	70	45	8	.....	.....	.....

1 Including 21 employees at 48 hours.

2 Including 1 employee at 45 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—												Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.

FITTING OR STITCHING DEPARTMENT—Continued.

				1		1		11	8	2			1
		1	1	2	2		3	8	5	9	2		2
			2	1	1	4	3	5					3
						1	2	2	3	5	2		4
			6	1	9	18	16	70	31	30	4		5
				1	2	7	9	34	52	64	6	2	6
							1	3	1	3			7
							3	1	2	1			8
	1	5	8	5	9	7	8	17	5	3			9
		1	3	6	4	2	6	15	5	8			10
		1	3	2	6	12	6	23	5	4			11
					4	4	5	10	5	17	4	2	12
					2	4	7	12	11	8			13
					1	4	6	8	8	17	2	2	14
	1	1	2	3	5	5	12	9	2	1			15
			1	1		2	3	10	8	5			16
		2	4	8	19	8	6	1	4	1			17
				2	7	15	4	9	11	3			18
				3	3	3		5		1			19
				4	2		1	7	3	2			20
			2	3	1	2	2	4	5				21
			1		2	1	1	7	6	3	1		22
	2	9	27	27	55	65	62	160	72	53	4		23
		2	6	16	21	36	43	111	108	134	17	6	24
			1	1	4	2	6	16	14	7		1	25
				1		8	5	13	17	14	1		26
				3	8	3	6	18		2			27
				2		1	2	11	5	15	1		28
		7	8	13	22	37	53	103	53	30	5		29
			5	4	18	29	27	79	89	94	12	4	30
				3		6	1	6	3				31
			2	1	3	2	2	6	8	1			32
	6	7	10	5	9	13	8	17	7	2			33
	1	2	5	20	14	15	6	28	10	9	1		34
	2	9	13	15	13	18	14	12	7				35
				3	1	11	5	29	20	15	3	2	36
			1	5	3	1	2	4	8				37
					3	4		5	2				38
	1	4	6	12	19	9	38	19	19	1			39
	1	1	3	3	8	14	23	18	36	10	1	1	40

* Including 23 employees at 48 hours.

60 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
FITTING OR STITCHING DEPARTMENT—Continued.												
	LINING MAKERS, FEMALE—concluded.											
1	Ohio:	1916	77	53.8	\$0.178	\$9.60						
2	8 establishments...	1918	105	50.0	.221	11.06	105	44	33			
3	Pennsylvania:	1916	72	53.2	.171	9.10	13	3	56			
4	9 establishments...	1918	88	53.3	.201	10.73	15	4	69			
5	Virginia:	1916	17	59.0	.137	8.07					17	
6	3 establishments...	1918	18	54.0	.185	10.01			18			
7	Other States:	1916	14	54.6	.160	8.72			5	9		
8	6 establishments...	1918	25	54.4	.184	10.02	2		6	17		
9	Total:	1916	961	53.9	.198	10.68	91	118	531	164	57	
10	120 establishments...	1918	1,055	51.5	.242	12.42	1 615	110	297	33		
	CLOSERS-ON, FEMALE.											
11	Illinois:	1916	12	54.2	.244	13.22		3	1	8		
12	4 establishments...	1918	14	51.3	.272	13.89	7	5	2			
13	Massachusetts:	1916	89	53.8	.218	11.75	3	12	74			
14	24 establishments...	1918	72	51.8	.263	13.63	2 38	8	26			
15	Missouri:	1916	63	53.7	.182	9.78	5		58			
16	12 establishments...	1918	56	52.3	.211	10.99	23		33			
17	New York:	1916	53	51.5	.225	11.61	18	27	8			
18	8 establishments...	1918	53	50.5	.256	12.85	3 29	24				
19	Pennsylvania:	1916	51	52.9	.166	8.84	12	4	35			
20	8 establishments...	1918	52	52.8	.199	10.57	14	5	33			
21	Wisconsin:	1916	12	55.0	.172	9.47				12		
22	2 establishments...	1918	13	55.0	.204	11.21				13		
23	Other States:	1916	25	55.2	.205	11.32		8	4	6	7	
24	10 establishments...	1918	27	53.7	.238	12.78	2	3	9	13		
25	Total:	1916	305	53.4	.201	10.77	38	54	180	26	7	
26	68 establishments...	1918	287	52.1	.235	12.24	4 113	45	103	26		
	TOP STITCHERS OR UNDERTRIMMERS, FEMALE:											
27	Illinois:	1916	44	54.0	.226	12.21		10	12	22		
28	5 establishments...	1918	44	51.2	.321	16.23	26	10	8			
29	Maine:	1916	43	57.9	.230	13.29					43	
30	5 establishments...	1918	70	54.0	.317	17.11				70		
31	Massachusetts:	1916	456	53.8	.237	12.75	18	73	365			
32	47 establishments...	1918	422	51.4	.306	15.74	232	111	79			
33	Minnesota:	1916	18	54.0	.244	13.18			18			
34	3 establishments...	1918	23	53.1	.260	13.83		7	11	5		
35	Missouri:	1916	197	53.7	.189	10.17	14		183			
36	12 establishments...	1918	171	52.6	.223	10.78	59		112			

¹ Including 1 employee at 45 hours and 23 employees at 48 hours.² Including 1 employee at 45 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
			7	10	9	14	10	22	5				1
			3	8	7	6	8	43	22	8			2
	3	5	7	7	18	8	3	10	7	4			3
			2	5	13	15	19	17	10	7			4
		3	2	3	4	5							5
			3	1	1	4	3	3	2	1			6
		1	1	6		2	1	2		1			7
				3	6	1	7	7	1				8
	11	33	54	77	102	128	113	248	123	65	6	1	9
	1	3	21	51	69	104	98	269	204	200	28	7	10
			1		2			2	5	2			11
					1		1	2	5	5			12
	1	1	3	6	2	9	11	29	23	4			13
		1	2	1		5	4	20	17	20	1	1	14
		1	3	10	9	10	8	17	4	1			15
			1	2	11	9	5	14	8	5	1		16
			2	2	3	7	4	15	17	3			17
				2	5	3	5	12	14	10	1	1	18
	8	2	8	7	5	7	11	3					19
		4	5	11	2	7	11	7	5				20
		1	1	4	1	2	3	1	1				21
			1	1	1	2	2	5	2				22
	1	1	2		2	5	9	3	2				23
					1	6	13	3	3	4			24
	1	11	13	29	27	34	48	75	56	12			25
		1	7	11	29	22	30	77	56	49	3	2	26
		1		2	3	2	1	17	10	5	1		27
			1		1	1	2	5	9	17	8		28
					3	7	5	18	6	3		1	29
					1	2	3	6	16	31	10	1	30
		9	15	28	42	42	159	89	54	17		1	31
			3	1	9	15	75	97	180	37	5		32
				1	2	1	7	4	3				33
				3	2		5	7	4	2			34
		11	21	40	26	28	41	20	10				35
	1	12	15	11	21	13	40	30	25	2		1	36

³ Including 11 employees at 48 hours.⁴ Including 1 employee at 45 hours and 11 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
FITTING OR STITCHING DEPARTMENT—Continued.												
	TOP STITCHERS OR UNDERTRIMMERS, FEMALE—concluded.											
1	New Hampshire:											
2	8 establishments....	1916	167	55.0	\$0.201	\$11.07					167	
		1918	144	50.2	.316	15.81	137			7		
3	New Jersey:											
4	4 establishments....	1916	24	55.0	.219	12.05					24	
		1918	15	54.2	.230	12.49		4			11	
5	New York:											
6	14 establishments....	1916	197	52.7	.260	13.66	39	48	110			
		1918	164	49.7	.322	15.97	116	48				
7	Ohio:											
8	8 establishments....	1916	115	53.8	.194	10.43		59	56			
		1918	91	50.0	.266	13.28	91					
9	Pennsylvania:											
10	9 establishments....	1916	69	53.3	.179	9.58	11	2	56			
		1918	60	53.0	.224	11.93	14	3	43			
11	Virginia:											
12	2 establishments....	1916	14	59.0	.207	12.23					14	
		1918	18	54.0	.270	14.58			18			
13	Wisconsin:											
14	4 establishments....	1916	37	55.0	.178	9.82					37	
		1918	30	54.5	.217	11.85	3				27	
15	Other States:											
16	2 establishments....	1916	11	54.0	.161	8.71			11			
		1918	10	54.0	.190	10.26			10			
	Total:											
17	123 establishments..	1916	1,392	54.0	.220	11.84	82	192	811	250	57	
18		1918	1,262	51.5	.287	14.61	1678	183	358	43		
	BUTTON FASTENERS, FEMALE.											
	Massachusetts:											
19	14 establishments....	1916	34	53.6	.204	10.94	1	18	15			
20		1918	20	52.1	.221	11.55	9	4	7			
21	Missouri:											
22	8 establishments....	1916	25	53.6	.197	10.61	2		23			
		1918	12	53.0	.216	11.40	3		9			
23	New York:											
24	5 establishments....	1916	17	51.4	.260	13.42	7	8	2			
		1918	6	50.3	.260	12.98	4	2				
25	Ohio:											
26	5 establishments....	1916	13	53.6	.198	10.62		12	1			
		1918	5	50.0	.244	12.19	5					
27	Pennsylvania:											
28	8 establishments....	1916	16	53.5	.156	8.33	2		14			
		1918	21	53.8	.203	10.95	1		20			
29	Other States:											
30	11 establishments....	1916	31	55.5	.232	12.91		1	4	19	7	
		1918	21	53.3	.250		5		10	6		
	Total:											
31	51 establishments....	1916	136	53.7	.210	11.30	12	39	59	19	7	
32		1918	85	52.7	.227	11.95	27	6	46	6		
	BUTTONHOLE MAKERS, MALE.											
	Illinois:											
33	5 establishments....	1916	10	54.2	.227	12.25		2	2	6		
34		1918	6	51.0	.236	11.98	4	1	1			
35	Massachusetts:											
36	26 establishments....	1916	120	53.7	.225	12.09	3	43	74			
		1918	41	51.7	.280	14.47	22	5	14			

¹ Including 66 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY BY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
		1	8	12	16	18	28	56	23	5			1
					6	1	6	26	33	46	20	6	2
						6	6	6	5	1			3
						1	3	5	5	1			4
				2	6	13	14	55	62	39	5	1	5
		1				3	5	24	39	62	23	7	6
	1	1	12	3	13	16	17	31	15	6			7
				2	1	4	11	31	18	16	7	1	8
		3	5	7	18	9	5	15	4	3			9
				1	4	16	6	11	13	8	1		10
					3	2	3	4	1	1			11
						1		7			1	1	12
		1	1	3	7	8	3	14					13
				1	1	4	5	10	8	1			14
			3										15
		1			2	4	1	1	1				16
							3	3	1				
	1	7	51	66	138	155	154	424	240	130	23	3	17
	2	14	22	31	65	72	248	284	391	111	22		18
		1	3	1	3	7	3	8	4	3	1		19
				2	2	3	1	7	3	2			20
				6	1	3		12	2	1			21
				1		2	3	2	1	2			22
						2	4	3	2	5	1		23
		1						2	1	1	1		24
			1	1	1	1	3	4	1	1			25
						1		3		1			26
		1	1	6	1	2	2	3					27
				1	2	4	6	5	2	1			28
			2	1	3	3	3	8	5	6			29
					1	2	3	8	2	4	1		30
		2	7	15	9	18	15	38	14	16	2		31
		1		4	6	12	13	27	9	11	2		32
	1		1	1	1			1	2	3			33
							2	2		2			34
	1		6	4	5	13	20	36	17	14	4		35
			1	1	1	1	1	11	11	11	2	1	36

² Including 1 employee at 48 hours.

64 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Continued.

	BUTTONHOLE MAKERS, FEMALE—concluded.											
1	Missouri:											
2	7 establishments....	1916	58	53.6	\$0.209	\$11.20	5			53		
3		1918	16	53.3	.236	12.51	3			13		
4	New Hampshire:											
5	7 establishments....	1916	13	55.0	.192	10.54					19	
6		1918	8	51.0	.325	16.45	6			2		
7	New Jersey:											
8	3 establishments....	1916	10	55.0	.180	9.91					10	
9		1918	5	55.0	.202	11.11					5	
10	New York:											
11	9 establishments....	1916	46	51.0	.251	12.75	28	10		8		
12		1918	16	50.3	.241	12.10	12	4				
13	Ohio:											
14	5 establishments....	1916	36	54.3	.179	9.57		23		1	12	
15		1918	6	50.0	.230	11.48	6					
16	Pennsylvania:											
17	7 establishments....	1916	37	53.6	.170	9.13	3	1		33		
18		1918	22	53.6	.254	13.67	2	1		19		
19	Wisconsin:											
20	3 establishments....	1916	10	55.0	.200	10.99					10	
21		1918	4	53.8	.228	12.27	1				3	
22	Other States:											
23	4 establishments....	1916	16	57.1	.280	16.05				4		12
24		1918	9	53.3	.303	16.19		2		7		
25	Total:											
26	76 establishments....	1916	362	53.7	.214	11.49	39	74	175	57	12	
27		1918	133	52.2	.261	13.61	56	13	56	8		
	VAMPERS, MALE.											
28	Illinois:											
29	4 establishments....	1916	38	55.0	.290	15.70					38	
30		1918	31	50.4	.444	22.34	25	6				
31	Maine:											
32	3 establishments....	1916	9	58.1	.365	21.23					9	
33		1918	14	55.3	.482	26.73				11		3
34	Massachusetts:											
35	32 establishments....	1916	341	54.2	.349	18.88	9	26	224	82		
36		1918	339	51.3	.455	23.33	222	61	44	9	3	
37	Missouri:											
38	5 establishments....	1916	19	57.2	.274	15.55				7		12
39		1918	15	55.4	.363	19.74	6				9	
40	New Hampshire:											
41	7 establishments....	1916	67	55.0	.279	15.33					67	
42		1918	53	50.1	.415	20.84	50				3	
43	New Jersey:											
44	3 establishments....	1916	10	55.0	.284	15.63					10	
45		1918	7	53.3	.331	17.62		4			3	
46	New York:											
47	7 establishments....	1916	44	52.7	.401	21.12	4	32			8	
48		1918	24	52.4	.553	28.95	3	18			3	
49	Pennsylvania:											
50	3 establishments....	1916	31	56.7	.338	19.24				10		21
51		1918	12	57.7	.404	23.34				1		11
52	Other States:											
53	5 establishments....	1916	27	58.6	.277	16.15					5	13
54		1918	12	53.9	.328	17.68	1			8	3	
55	Total:											
56	69 establishments....	1916	586	54.7	.334	18.20	13	58	241	210	55	9
57		1918	507	51.6	.447	23.05	307	89	64	21	23	3

¹ Including 1 employee at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FITTING OR STITCHING DEPARTMENT—Continued.

		2	6	4	6	4	7	10	10	9			1
					2	3	3	2	1	4	1		2
			2	1	1	1	6	6	2				3
						1			3	2	2		4
			1	1		2	3	3					5
						1	1	3					6
						2	6	17	15	4	2		7
				1		2		9	2	1	1		8
			1	4	5	12	8	4	1	1			9
						1	3	2					10
		5	3	4	4	6	4	7	4				11
			1	1			1	8	6	5			12
				2		1	1	6					13
								2	2				14
				1	1			4	2	8			15
								2	4	2	1		16
	1	8	20	22	23	41	55	94	53	39	6		17
			1	3	4	8	9	42	31	27	7	1	18
						3	1	8	13	10	2	1	19
								1	3	7	9	11	20
						1		1	1	3	2	1	21
								1	1	4	2	7	22
					2	3	5	39	43	162	68	19	23
							3	5	15	81	128	107	24
				2		1		2	5	9			25
								2	4	5	1	3	26
					1	2	5	18	14	26	1		27
								2	2	19	19	11	28
							1	1	4	4			29
								2	2	4	1		30
								2	3	17	15	7	31
										5	4	15	32
							1	3	3	19	4	1	33
							1			5	5	1	34
						4	2	5	7	7	1	1	35
								2	2	6	2		36
				2	3	14	15	79	93	257	93	30	37
							4	12	29	136	171	155	38

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Concluded.

	VAMPERS, FEMALE.											
	Illinois:											
1	5 establishments....	1916	44	53.7	\$0.284	\$15.25	.....	17	5	22	.....	.....
2		1918	59	51.3	.307	15.73	32	17	10	.....	.....	.....
	Maine:											
3	5 establishments....	1916	63	58.0	.270	15.66	.....	.....	.....	.....	63	.....
4		1918	87	54.0	.381	20.57	.....	.....	87	.....	.....	.....
	Massachusetts:											
5	42 establishments....	1916	404	53.7	.273	14.65	20	70	314	.....	.....	.....
6		1918	343	51.6	.338	17.40	188	71	84	.....	.....	.....
	Minnesota:											
7	3 establishments....	1916	30	54.0	.269	14.55	.....	.....	30	.....	.....	.....
8		1918	41	53.4	.258	13.77	.....	9	18	14	.....	.....
	Missouri:											
9	11 establishments....	1916	190	53.7	.245	13.14	15	.....	175	.....	.....	.....
10		1918	183	52.3	.299	15.63	75	.....	108	.....	.....	.....
	New Hampshire:											
11	7 establishments....	1916	117	55.0	.248	13.66	.....	.....	.....	117	.....	.....
12		1918	133	50.1	.367	18.38	129	.....	4	.....	.....	.....
	New Jersey:											
13	3 establishments....	1916	22	55.0	.236	12.99	.....	.....	.....	22	.....	.....
14		1918	15	55.0	.240	13.18	.....	.....	.....	15	.....	.....
	New York:											
15	13 establishments....	1916	163	52.0	.291	15.12	44	67	52	.....	.....	.....
16		1918	171	50.0	.344	17.12	110	61	.....	.....	.....	.....
	Ohio:											
17	8 establishments....	1916	155	53.8	.211	11.37	.....	85	70	.....	.....	.....
18		1918	135	50.0	.254	12.68	135	.....	.....	.....	.....	.....
	Pennsylvania:											
19	9 establishments....	1916	101	52.8	.197	10.41	29	6	66	.....	.....	.....
20		1918	106	52.6	.243	12.83	35	8	63	.....	.....	.....
	Virginia:											
21	2 establishments....	1916	14	59.0	.215	12.68	.....	.....	.....	.....	14	.....
22		1918	17	54.0	.226	12.20	.....	.....	17	.....	.....	.....
	Wisconsin:											
23	4 establishments....	1916	30	55.0	.226	12.45	.....	.....	.....	30	.....	.....
24		1918	45	53.7	.302	16.15	12	.....	.....	33	.....	.....
	Other States:											
25	2 establishments....	1916	18	54.0	.162	8.73	.....	.....	18	.....	.....	.....
26		1918	18	54.0	.174	9.38	.....	.....	18	.....	.....	.....
	Total:											
27	114 establishments..	1916	1,351	53.9	.253	13.60	108	245	730	191	77	.....
28		1918	1,353	51.6	.313	16.15	1716	166	409	62	.....	.....

LASTING DEPARTMENT.

	ASSEMBLERS, FOR PULLING-OVER MACHINE, MALE.											
	Illinois:											
29	4 establishments....	1916	26	53.3	.337	17.94	.....	13	4	9	.....	.....
30		1918	21	51.1	.372	19.00	12	6	3	.....	.....	.....
	Maine:											
31	5 establishments....	1916	34	58.0	.316	18.36	.....	.....	.....	.....	34	.....
32		1918	42	54.3	.448	24.35	.....	.....	39	1	.....	2
	Massachusetts:											
33	23 establishments....	1916	233	54.7	.321	17.56	.....	137	88	8	.....	.....
34		1918	186	51.4	.472	24.12	118	18	34	15	1	.....
	Minnesota:											
35	3 establishments....	1916	15	60.0	.309	18.54	.....	.....	.....	.....	.....	15
36		1918	12	54.8	.385	21.07	.....	.....	3	9	.....	.....

¹ Including 58 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FITTING OR STITCHING DEPARTMENT—Concluded.

			1			4	1	13	7	13	4	1	1
						2	5	10	10	24	8		2
					2	2	2	21	15	19	2		3
								3	14	39	22	9	4
			5	2	6	13	25	114	112	100	15	3	5
				1	1	4	7	39	66	150	60	15	6
							2	11	8	9			7
			1		4	2	4	9	10	9	2		8
		2	1	6	9	14	29	37	50	39	3		9
				1	3	2	8	52	26	67	22	2	10
				3	2	3	9	41	42	17			11
							3	17	19	83	25	16	12
					1		4	10	2	5			13
			1	2				6	3	3			14
				1	2	2	12	34	37	64	11		15
				2	1		2	15	24	73	46	8	16
			1	3	5	10	23	54	27	7	2		17
					5	8	16	43	39	21	2	1	18
		3	2	7	18	20	16	13	12	10			19
			2	1	6	12	18	22	21	17	7		20
						5	1	5	3				21
					1	3	3	5	3	2			22
				1	1	1	4	14	8	1			23
					1		1	10	16	11	5	1	24
			5	2	1	4	2	3	1				25
			1	4	4	2	1	4	1				26
		6	17	27	61	82	130	370	324	293	41		27
			5	11	26	36	68	235	252	469	251		28

LASTING DEPARTMENT.

				1	1		1		2	15	5	1	29
							2	3		6	9	1	30
							5	5	5	11	7	1	31
								1	2	10	18	11	32
		1	4	3	2	1	10	38	42	83	37	12	33
					1			3	8	41	64	69	34
							2	2	3	6	2		35
							1	2	2		6	1	36

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

LASTING DEPARTMENT—Continued.

	ASSEMBLERS, FOR PULLING-OVER MACHINE, MALE—concluded.											
1	Missouri:											
2	12 establishments...	1916	125	55.5	\$0.242	\$13.41	6		77		42	
		1918	112	53.4	.338	17.85	44		46		22	
3	New Hampshire:											
4	7 establishments...	1916	50	55.0	.261	14.34				50		
		1918	41	50.2	.381	19.14	39			2		
5	New Jersey:											
6	3 establishments...	1916	25	55.0	.273	15.01				25		
		1918	16	53.5	.366	19.50		8		8		
7	New York:											
8	10 establishments...	1916	127	52.8	.283	14.95	26	51	6	44		
		1918	85	50.1	.373	18.73	153	31		1		
9	Ohio:											
10	8 establishments...	1916	56	56.4	.313	17.73				37	19	
		1918	56	57.2	.431	24.68				25	31	
11	Pennsylvania:											
12	6 establishments...	1916	32	54.1	.262	14.14		2	26	4		
		1918	38	54.1	.292	15.18		3	31	4		
13	Virginia:											
14	3 establishments...	1916	15	59.0	.243	14.35					15	
		1918	15	54.0	.329	17.77			15			
15	Wisconsin:											
16	3 establishments...	1916	22	59.5	.210	12.47			2			20
		1918	22	54.5	.294	16.07	4			16	2	
17	Other States:											
18	2 establishments...	1916	8	55.0	.258	14.18				8		
		1918	7	55.0	.257	14.15				7		
19	Total:											
20	89 establishments...	1916	768	55.1	.288	15.85	32	66	250	267	118	35
		1918	653	52.7	.396	20.75	1270	66	171	88	56	2
	PULLERS-OVER, HAND, MALE.											
21	Illinois:											
22	2 establishments...	1916	84	55.0	.388	21.33				84		
		1918	79	50.0	.480	23.98	79					
23	Massachusetts:											
24	15 establishments...	1916	267	54.3	.350	19.00		39	135	93		
		1918	168	50.6	.528	26.73	134	34				
25	Missouri:											
26	2 establishments...	1916	12	56.5	.378	21.33			6		6	
		1918	10	52.0	.422	21.79	5		5			
27	Ohio:											
28	3 establishments...	1916	29	55.0	.361	19.83				29		
		1918	18	55.0	.445	24.48				18		
29	Pennsylvania:											
30	4 establishments...	1916	47	56.6	.293	16.66		3	8	6	30	
		1918	41	56.7	.364	20.61		2	5	8	26	
31	Other States:											
32	5 establishments...	1916	22	54.2	.392	21.07		10		8	4	
		1918	10	52.2	.442	23.00	2	5	3			
33	Total:											
34	31 establishments...	1916	461	54.8	.354	19.18		52	149	220	40	
		1918	326	51.6	.485	24.91	223	41	13	26	26	

¹ Including 34 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Un- der 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

LASTING DEPARTMENT—Continued.

			1	8	9	11	19	25	28	20	4		1
			1	1		7	11	14	12	30	22	15	2
					1	2	6	11	19	10	1		3
								3	1	20	15	2	4
			1		1		2	3	9	9			5
								1	2	7	6		6
				1	5	2	4	24	37	48	6		7
							1	4	8	48	19	6	8
						1	4	11	7	24	9		9
							1	2	9	13	14	17	10
			1				1	11	15	3	1		11
								8	15	12	3		12
						1		8	5	1			13
								3	2	8	2		14
					3	2	5	8	3	1			15
						1		6	7	7		1	16
								3	5				17
								4	1	2			18
			1	7	13	22	20	59	149	180	231	72	19
				1			9	16	54	69	203	178	20
									6	45	30	3	21
									1	10	42	26	22
								25	39	140	53	10	23
								2	2	21	50	93	24
									1	8	3		25
								1	1	1	5	2	26
								3	7	10	8	1	27
							2		2	2	4	8	28
				1	2			1	13	13	6	1	29
							3	6	2	17	8	5	30
								1	3	8	7	3	31
										5	2	3	32
				1	2			1	42	66	224	107	33
							5	9	8	56	111	137	34

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LASTING DEPARTMENT—Continued.												
	PULLERS-OVER, MACHINE, MALE.											
1	Illinois:											
2	4 establishments....	1916	22	53.4	\$0.390	\$20.78	.....	11	3	8	.....	.....
		1918	19	51.5	.442	22.72	.....	9	6	4	.....	.....
3	Maine:											
4	5 establishments....	1916	36	58.0	.360	20.93	.....	.....	.....	.....	36	.....
		1918	53	54.4	.525	28.58	.....	.....	49	1	.....	3
5	Massachusetts:											
6	38 establishments....	1916	196	54.3	.408	22.11	10	6	111	66	3	.....
		1918	187	51.6	.562	28.85	112	32	27	12	4	.....
7	Minnesota:											
8	3 establishments....	1916	15	60.0	.343	20.58	.....	.....	.....	.....	.....	15
		1918	15	54.7	.477	26.11	.....	.....	4	11	.....	.....
9	Missouri:											
10	12 establishments....	1916	64	56.2	.353	19.76	3	.....	30	.....	31	.....
		1918	67	54.5	.430	23.15	22	.....	20	.....	25	.....
11	New Hampshire:											
12	7 establishments....	1916	81	55.0	.311	17.08	.....	.....	.....	81	.....	.....
		1918	60	50.3	.519	26.03	57	.....	.....	3	.....	.....
13	New York:											
14	14 establishments....	1916	79	52.9	.405	21.37	16	29	4	30	.....	.....
		1918	64	50.3	.527	26.56	140	20	.....	4	.....	.....
15	Ohio:											
16	8 establishments....	1916	42	56.0	.388	21.80	.....	.....	.....	31	11	.....
		1918	38	56.7	.538	30.52	.....	.....	.....	22	16	.....
17	Pennsylvania:											
18	6 establishments....	1916	19	54.3	.330	17.89	.....	1	13	5	.....	.....
		1918	22	54.3	.380	20.66	.....	1	15	6	.....	.....
19	Wisconsin:											
20	4 establishments....	1916	14	58.2	.318	18.52	.....	.....	.....	5	.....	9
		1918	19	54.2	.402	21.71	4	.....	.....	14	1	.....
21	Other States:											
22	8 establishments....	1916	23	56.4	.363	20.47	.....	.....	.....	15	8	.....
		1918	22	54.4	.489	26.04	.....	1	11	10	.....	.....
23	Total:											
24	109 establishments....	1916	591	55.1	.375	20.60	29	47	161	241	89	24
		1918	566	52.6	.511	26.76	1244	60	130	83	46	3
	SIDE LASTERS, HAND, MALE.											
25	Illinois:											
26	3 establishments....	1916	38	53.4	.273	14.55	.....	20	2	16	.....	.....
		1918	31	51.1	.378	19.34	17	11	3	.....	.....	.....
27	Massachusetts:											
28	9 establishments....	1916	138	53.8	.319	17.17	.....	66	65	7	.....	.....
		1918	182	51.3	.460	23.56	111	71	.....	.....	.....	.....
29	New York:											
30	5 establishments....	1916	47	53.5	.356	18.98	.....	30	.....	17	.....	.....
		1918	36	53.3	.473	25.23	.....	23	.....	13	.....	.....
31	Pennsylvania:											
32	4 establishments....	1916	10	54.9	.284	15.59	.....	.....	4	5	1	.....
		1918	23	55.0	.325	18.10	.....	.....	13	1	9	.....
33	Other States:											
34	7 establishments....	1916	49	56.0	.286	16.06	.....	.....	.....	36	9	4
		1918	44	52.5	.391	20.58	21	.....	7	16	.....	.....
35	Total:											
36	23 establishments....	1916	282	54.1	.312	16.87	.....	116	71	81	10	4
		1918	316	52.0	.434	22.52	149	105	23	30	9	.....

¹ Including 20 employees at 43 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY
YEARS, 1916 AND 1918—Continued.

[illegible]**LASTING DEPARTMENT—Continued**[illegible]

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

LASTING DEPARTMENT—Continued.

	SIDE LASTERS, MACHINE, MALE.											
1	Massachusetts:											
2	9 establishments....	1916	68	54.2	\$0.379	\$20.51	3		48	17		
		1918	57	50.8	.563	28.53	44	6	7			
3	Missouri:											
4	5 establishments....	1916	30	55.5	.296	16.45	4		14		12	
		1918	26	55.7	.382	21.03	8		3		15	
5	New Hampshire:											
6	5 establishments....	1916	38	55.0	.315	17.31				38		
		1918	44	50.3	.419	21.03	41			3		
7	New York:											
8	5 establishments....	1916	44	54.3	.311	16.84		7	12	25		
		1918	48	49.7	.475	23.73	1	33	15			
9	Ohio:											
	5 establishments....	1916	27	55.0	.346	19.05				27		
10		1918	21	56.0	.471	26.25				16	5	
11	Other States:											
12	8 establishments....	1916	23	58.0	.292	16.94				6	8	9
		1918	38	54.2	.396	21.45	3		14	21		
13	Total:											
14	37 establishments....	1916	230	55.0	.332	18.22	7	7	74	113	20	9
		1918	234	52.0	.462	23.95	1	129	21	24	40	20
	BED-MACHINE OPERATORS, MALE.											
15	Illinois:											
16	5 establishments....	1916	112	54.1	.357	19.29		34	3	75		
		1918	92	50.5	.470	23.71	73	16	3			
17	Maine:											
18	5 establishments....	1916	40	58.0	.351	20.35					40	
		1918	62	54.4	.558	30.40			57	1		4
19	Massachusetts:											
20	27 establishments....	1916	518	54.2	.370	20.05	9	85	308	116		
		1918	478	51.1	.541	27.55	319	106	52	1		
21	Minnesota:											
22	3 establishments....	1916	33	60.0	.305	18.33						33
		1918	28	54.8	.459	25.10			7	21		
23	Missouri:											
24	7 establishments....	1916	90	56.7	.310	17.59			28		55	
		1918	87	55.4	.418	22.98	25		17		45	
25	New Hampshire:											
26	5 establishments....	1916	155	55.0	.298	16.40				155		
		1918	122	50.2	.491	24.64	116			6		
27	New Jersey:											
28	3 establishments....	1916	20	55.0	.357	18.81				20		
		1918	12	53.8	.472	25.34		5		7		
29	New York:											
30	11 establishments....	1916	146	53.3	.363	19.28	8	72	15	51		
		1918	123	50.8	.484	24.63	2	65	50	8		
31	Ohio:											
32	6 establishments....	1916	66	56.6	.386	21.87				39	27	
		1918	67	56.3	.534	30.13				45	22	
33	Pennsylvania:											
34	8 establishments....	1916	50	55.3	.294	16.31		3	23	9	15	
		1918	48	54.8	.377	20.68		5	27	6	10	
35	Virginia:											
36	3 establishments....	1916	17	59.0	.347	20.46					17	
		1918	15	54.0	.511	27.59			15			
37	Wisconsin:											
38	4 establishments....	1916	33	58.6	.264	15.42				9		24
		1918	32	54.0	.415	22.37	8			22	2	

¹ Including 23 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—												Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	

LASTING DEPARTMENT—Continued.

							1	8	4	31	15	9	1
							1	1	1	2	10	43	2
			1			1		3	12	12	2		3
								1	3	13	5	3	4
					1	1	3	5	9	13	4	2	5
								3	4	13	15	9	6
								8	9	25	2		7
								3		11	12	22	8
									8	11	8		9
										6	7	8	10
					1	1	1	3	4	11	2		11
								3	2	15	8	10	12
			1	2	2	5	27	46	103	44			13
					1		11	10	60	57	95		14
						1	3	7	14	56	26	5	15
								2	2	11	42	35	16
								1	7	26	4	2	17
								2	2	5	15	40	18
			2	3		3	37	79	212	138	44		19
					1	1	1	13	42	119	301		20
				2		2	4	4	17	4			21
						1	1		6	12	9		22
				1	1	1	12	26	41	8			23
						2	1	4	29	33	17		24
	1		1	1		1	5	18	51	69	8		25
								2	3	17	42	58	26
								2	4	9	4	1	27
										5	3	4	28
						1	13	27	57	38	10		29
			1				1	9	14	37	61		30
							3	4	32	20	7		31
								1	8	13	45		32
				1		1	15	12	17	2	2		33
								12	20	10	6		34
									6	7	4		35
										7	8		36
					4	4	2	3	11	9			37
							1	3		8	14	6	38

2 Including 25 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LASTING DEPARTMENT—Continued.												
	BED-MACHINE OPERATORS, MALE—concl'd.											
1	Other States:	1916	14	55.0	\$0.315	\$17.33					14	
2	2 establishments....	1918	13	55.0	.433	23.82					13	
3	Total:	1916	1,204	55.0	.347	19.04	24	194	377	488	154	57
4	89 establishments....	1918	1,179	52.1	.501	26.03	¹ 606	182	178	130	79	4
	HAND-METHOD LASTING-MACHINE OPERATORS, MALE.											
5	Maine:	1916	38	58.0	.402	23.35					38	
6	3 establishments....	1918	37	54.2	.505	27.33			35	1		1
7	Massachusetts:	1916	183	54.4	.384	20.84	20	10	40	110	3	
8	22 establishments....	1918	142	52.1	.510	26.44	85	8	15	25	9	
9	Missouri:	1916	98	55.7	.328	18.20			65		33	
10	7 establishments....	1918	76	52.9	.440	23.11	32		34		10	
11	Ohio:	1916	59	55.9	.353	19.71				46	13	
12	6 establishments....	1918	40	57.0	.460	26.32				20	20	
13	Other States:	1916	88	55.4	.313	17.30		1	3	75	3	6
14	11 establishments....	1918	67	50.1	.488	24.35	² 49	2	6	9	1	
15	Total:	1916	466	55.3	.356	19.68	20	11	108	231	90	6
16	49 establishments....	1918	362	52.7	.485	25.43	² 166	10	90	55	40	1
	TURN LASTERS, HAND, MALE.											
17	Massachusetts:	1916	262	54.5	.416	22.64		59	55	148		
18	8 establishments....	1918	239	53.2	.492	26.11	73	36	9	121		
19	Missouri:	1916	136	57.3	.371	21.37			46		90	
20	3 establishments....	1918	65	52.3	.460	24.09	27		38			
21	New Jersey:	1916	44	55.0	.320	17.62				44		
22	2 establishments....	1918	29	55.0	.402	22.13				29		
23	New York:	1916	240	52.6	.356	18.72	66	81		93		
24	10 establishments....	1918	187	52.2	.465	24.27	32	129		26		
25	Ohio:	1916	85	56.8	.392	22.32				47	35	3
26	3 establishments....	1918	60	56.9	.485	27.47				32	28	
27	Pennsylvania:	1916	161	55.7	.297	16.55			22	96	43	
28	5 establishments....	1918	143	55.7	.389	21.72			23	79	41	
29	Other States:	1916	11	58.9	.259	15.25			2			9
30	4 establishments....	1918	29	54.9	.351	19.27			3	26		
31	Total:	1916	939	54.9	.365	20.06	66	140	125	428	168	12
32	35 establishments....	1918	752	53.8	.453	24.34	132	165	73	313	69	

¹ Including 25 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

LASTING DEPARTMENT—Continued.

							1	1	4	6	2		1
										7	2	4	2
	1		1	3	11	7	19	116	249	558	258	71	3
			2			1	4	11	46	172	349	594	4
									3	17	11	7	5
										3	15	19	6
		1			1			5	18	86	58	14	7
						1	1		5	26	52	58	8
				1	1			12	20	48	15	1	9
								1		25	35	15	10
								7	18	15	11	8	11
									1	13	16	10	12
					1	2	15	21	37	12			13
						1		2	11	21	32		14
			1		1	3	2	39	80	203	107	30	15
							2	1	8	78	139	134	16
			1					14	22	81	91	54	17
								6	6	34	78	114	18
					1		4	16	21	41	32	21	19
									2	19	26	18	20
						2		2	14	21	5		21
								1	3	9	11	5	22
						1	1	27	47	88	55	21	23
	1				1	1	1	5	11	40	56	72	24
								4	11	33	22	15	25
									4	10	21	25	26
				1	4	2	29	71	38	12		4	27
						3	8	10	77	28		17	28
					1		3	4		3			29
				2			4	4	4	5	13	1	30
					2	8	7	95	190	305	217	115	31
	1	1		2	1	4	24	40	40	194	233	252	32

2 Including 38 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

LASTING DEPARTMENT—Concluded.

	TURN SEWERS, MALE.											
1	Massachusetts:											
2	7 establishments....	1916	21	54.3	\$0.537	\$29.13	.....	6	6	9	.....	.....
		1918	17	53.7	.579	30.93	3	4	1	9	.....	.....
3	New York:											
4	6 establishments....	1916	15	50.9	.449	22.80	10	4	.....	1	.....	.....
		1918	12	51.3	.560	28.81	6	5	.....	1	.....	.....
5	Pennsylvania:											
6	4 establishments....	1916	26	55.4	.333	18.53	.....	.....	1	21	4	.....
		1918	23	55.3	.412	22.85	.....	.....	5	14	4	.....
7	Other States:											
8	6 establishments....	1916	14	56.4	.470	26.55	.....	.....	4	4	6	.....
		1918	9	54.6	.513	27.82	2	.....	2	3	2	.....
9	Total:											
10	23 establishments....	1916	76	54.4	.437	23.78	10	10	11	35	10	.....
		1918	61	54.0	.503	27.01	11	9	8	27	6	.....

BOTTOMING DEPARTMENT.

	GOODYEAR WELTERS, MALE.											
11	Illinois:											
12	5 establishments....	1916	31	54.1	\$0.610	\$33.01	.....	9	1	21	.....	.....
		1918	29	50.7	.652	32.91	21	6	2	.....	.....	.....
13	Maine:											
14	5 establishments....	1916	16	58.0	.532	30.86	.....	.....	.....	.....	16	.....
		1918	20	54.7	.598	32.73	.....	.....	17	1	.....	2
15	Massachusetts:											
16	24 establishments....	1916	182	54.1	.565	30.59	5	23	120	34	.....	.....
		1918	187	51.3	.664	33.98	119	43	16	9	.....	.....
17	Minnesota:											
18	3 establishments....	1916	11	60.0	.444	26.63	.....	.....	.....	.....	.....	11
		1918	9	54.7	.574	31.41	.....	.....	3	6	.....	.....
19	Missouri:											
20	6 establishments....	1916	23	57.1	.440	25.02	1	.....	7	.....	15	.....
		1918	24	55.5	.528	28.96	7	.....	4	.....	13	.....
21	New Hampshire:											
22	5 establishments....	1916	47	55.0	.430	23.66	.....	.....	.....	47	.....	.....
		1918	40	50.3	.573	28.74	38	.....	.....	2	.....	.....
23	New York:											
24	10 establishments....	1916	43	52.9	.582	30.82	.....	30	7	6	.....	.....
		1918	30	52.2	.691	36.18	5	22	.....	3	.....	.....
25	Ohio:											
26	6 establishments....	1916	36	56.0	.443	24.73	.....	.....	.....	27	9	.....
		1918	26	56.2	.565	31.70	.....	.....	.....	18	8	.....
27	Pennsylvania:											
28	8 establishments....	1916	24	55.4	.483	26.78	.....	1	11	5	7	.....
		1918	24	55.1	.594	32.81	.....	1	13	4	6	.....
29	Other States:											
30	12 establishments....	1916	32	57.3	.441	25.11	.....	.....	.....	16	8	8
		1918	34	54.4	.505	27.34	3	2	8	19	2	.....
31	Total:											
32	84 establishments....	1916	445	55.0	.522	28.60	6	63	146	156	55	19
		1918	423	52.5	.621	32.43	193	74	63	62	29	2
	ROUGH ROUNDERS, MALE.											
33	Illinois:											
34	5 establishments....	1916	22	51.3	.641	34.67	.....	5	1	16	.....	.....
		1918	19	50.6	.758	38.27	14	4	1	.....	.....	.....
35	Massachusetts:											
36	24 establishments....	1916	97	54.1	.554	29.98	2	14	61	20	.....	.....
		1918	89	51.0	.682	34.73	63	14	8	4	.....	.....

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY
YEARS, 1916 AND 1918—Continued.

[illegible]

LASTING DEPARTMENT—Concluded.

[illegible]

BOTTOMING DEPARTMENT.

[illegible]

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

	ROUGH ROUNDERS, MALE—concluded.											
1	Missouri:											
2	8 establishments....	1916	22	55.5	\$0.403	\$22.27	4		8		10	
		1918	22	54.8	.499	27.04	7		6		9	
3	New Hampshire:											
4	5 establishments....	1916	28	55.0	.451	24.79				28		
		1918	28	50.4	.541	27.20	26					
5	New York:											
6	10 establishments....	1916	27	53.0	.541	28.73		20	3	4		
		1918	21	52.4	.610	32.13	3	15		3		
7	Ohio:											
8	6 establishments....	1916	23	56.0	.390	21.74				17	6	
		1918	18	56.3	.519	29.09				12	6	
9	Pennsylvania:											
10	8 establishments....	1916	22	55.0	.409	22.62		1	13	3	5	
		1918	20	54.9	.449	40.70		1	12	3	4	
11	Other States:											
12	18 establishments....	1916	40	57.6	.424	24.40				15	13	12
		1918	37	54.3	.517	28.11	3	2	15	15	1	1
13	Total:											
14	84 establishments....	1916	281	54.9	.494	27.06	6	40	86	103	34	12
		1918	254	52.5	.597	32.39	116	36	42	39	20	1
	GOODYEAR STITCHERS, MALE.											
15	Illinois:											
16	6 establishments....	1916	48	54.1	.556	30.08		14	3	31		
		1918	41	50.6	.570	28.77	31	7	3			
17	Maine:											
18	5 establishments....	1916	21	58.0	.382	22.13					21	
		1918	26	54.5	.511	27.94			23	1		2
19	Massachusetts:											
20	26 establishments....	1916	253	54.1	.465	25.16	5	30	169	49		
		1918	240	51.2	.584	29.87	159	46	22	13		
21	Minnesota:											
22	3 establishments....	1916	10	60.0	.514	30.82						10
		1918	11	54.7	.483	26.46			3	8		
23	Missouri:											
24	10 establishments....	1916	52	56.1	.370	20.50	10		11		31	
		1918	58	55.8	.407	22.31	13		14		31	
25	New Hampshire:											
26	5 establishments....	1916	72	55.0	.333	18.32				72		
		1918	64	50.3	.475	23.88	60			4		
27	New York:											
28	10 establishments....	1916	61	52.9	.467	24.73		44	10	7		
		1918	50	52.0	.551	28.76	11	35		4		
29	Ohio:											
30	6 establishments....	1916	41	56.1	.369	20.59				30	11	
		1918	35	56.1	.470	26.38				25	10	
31	Pennsylvania:											
32	8 establishments....	1916	37	55.4	.429	23.83		2	17	6	12	
		1918	36	55.1	.461	25.39		2	19	6	9	
33	Wisconsin:											
34	4 establishments....	1916	14	58.9	.327	19.21				3		11
		1918	17	54.0	.429	23.11	5			10	2	
35	Other States:											
36	7 establishments....	1916	21	55.4	.420	23.22				19	2	
		1918	22	54.2	.481	26.07		3	8	11		
37	Total:											
38	90 establishments....	1916	630	54.9	.434	23.74	15	90	210	217	77	21
		1918	600	52.5	.524	27.39	279	93	92	82	52	2

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

BOTTOMING DEPARTMENT—Continued.

									3	3	12	2	1
							1		1	6	6	9	2
										5	14	8	3
										3	8	17	4
										11	1	15	5
										2	4	15	6
								2	5	8	5	3	7
								2	2	1	7	8	8
						1		1	3	6	5	6	9
										7	6	7	10
								3	3	10	14	10	11
										7	9	21	12
						2	1	9	17	56	72	124	13
								1	2	31	49	171	14
									1	5	6	36	15
										5	3	33	16
									1	13	7		17
										3	9	14	18
								6	11	43	115	78	19
					1				1	18	51	169	20
											1	5	4
									2	2	2	5	21
													22
							1	3	10	20	10	8	23
						2	5	11	14	14	12	14	24
								7	13	43	9		25
									1	15	18	30	26
									2	19	20	20	27
							1		2	9	7	31	28
								2	9	14	11	5	29
								1	3	18	18	13	30
							1	4	1	7	15	9	31
								2	3	6	9	16	32
									4	1	2		33
										7	13		34
										4			
										11	5	5	35
										4	9	9	36
							2	26	49	183	205	165	37
						1	3	8	20	83	151	334	38

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

	M'KAY SEWERS, MALE.											
1	Maine:											
2	3 establishments...	1916	23	58.0	\$0.340	\$19.73					23	
3	Massachusetts:	1918	35	54.1	.450	24.31			33	2		
4	23 establishments...	1916	79	54.2	.395	21.46						
5	Missouri:	1918	71	52.0	.461	23.82	38	11	13	48		
6	5 establishments...	1916	27	55.3	.311	17.24						
7	New Hampshire:	1918	25	52.7	.420	21.85	12		10		7	
8	3 establishments...	1916	17	55.0	.268	14.73				17		
9	New York:	1918	10	51.8	.457	23.39	8				2	
10	4 establishments...	1916	13	50.9	.445	22.60	8	3		2		
11	Ohio:	1918	18	49.3	.531	26.11	15	3				
12	6 establishments...	1916	14	55.3	.337	18.63				13	1	
13	Other States:	1918	14	56.7	.373	21.14				8	6	
14	9 establishments...	1916	22	58.1	.340	19.68			4	3	3	12
15	Total:	1918	13	55.0	.390	21.43			5	7	1	
16	53 establishments...	1916	195	55.2	.359	19.75	15	14	37	83	34	12
17		1918	186	52.8	.448	23.48	73	15	60	24	14	
	HEELERS, MALE.											
18	Illinois:											
19	6 establishments...	1916	21	54.1	.613	33.09		5	3	13		
20	Maine:	1918	22	51.0	.606	30.83	14	5	3			
21	5 establishments...	1916	17	58.0	.419	24.30					17	
22	Massachusetts:	1918	29	54.2	.513	27.85			27	1		1
23	47 establishments...	1916	146	54.1	.481	25.92	11	13	70	52		
24	Missouri:	1918	138	51.9	.533	27.54	73	27	18	17	3	
25	12 establishments...	1916	40	55.9	.368	20.63	3		19		18	
26	New Hampshire:	1918	41	54.2	.461	24.67	14		14		13	
27	8 establishments...	1916	36	55.0	.359	19.77				36		
28	New York:	1918	30	50.6	.489	24.70	27			2	1	
29	13 establishments...	1916	59	52.7	.442	23.26	6	36	5	12		
30	Ohio:	1918	45	50.6	.544	27.62	23	21		1		
31	8 establishments...	1916	41	56.4	.349	19.66				27	13	1
32	Pennsylvania:	1918	28	56.0	.444	24.84				21	7	
33	9 establishments...	1916	27	55.6	.372	20.75		2	9	6	10	
34	Wisconsin:	1918	23	55.5	.426	23.78		1	8	7	7	
35	4 establishments...	1916	13	58.8	.395	23.26				3		10
36	Other States:	1918	14	54.6	.419	22.80	2			11	1	
37	12 establishments...	1916	25	57.5	.388	22.33				12	3	10
38	Total:	1918	21	54.6	.493	26.87		1	6	14		
	124 establishments...	1916	425	55.0	.431	23.60	20	56	106	161	61	21
		1918	391	52.8	.507	26.62	153	55	76	74	32	1

¹ Including 8 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

BOTTOMING DEPARTMENT—Continued.

									8	11	3	1	1
									2	13	7	13	2
							1	5	3	35	22	13	3
								3	3	20	20	25	4
					1	1		4	8	10	1	2	5
								3	1	8	8	5	6
						1	1	4	6	5			7
								1	2		5	2	8
										5	7		9
									1	1	4	13	10
									3	8	3		11
									1	8	5		12
								2	6	9	5		13
								1	8		3	1	14
					1	2	2	15	34	83	41	17	15
								6	9	60	52	59	16
										3	5	13	17
										2	2	18	18
								1	2	5	4	5	19
								2	2	1	10	16	20
						3	4	3	23	34	37	42	21
			1					2	5	24	36	70	22
							1	3	1	27	3	5	23
							1	2		12	10	16	24
								3	1	23	7	2	25
										7	9	14	26
								2	6	17	17	17	27
								1		19	5	20	28
								6	8	17	5	5	29
								1	1	9	7	10	30
						1	1	5	4	7	3	6	31
								2	5	6	3	7	32
								1	2	5	4	1	33
					1					7	2	4	34
				1				1	2	12	5	4	
								1		8	3	9	35
													36
				1		4	6	25	49	150	90	100	37
			1		1		1	9	13	81	101	184	38

* Including 11 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

	HEEL TRIMMERS OR SHAVERS, MALE.											
1	Illinois:											
2	5 establishments...	1916	23	54.0	\$0.616	\$33.19	.....	7	1	15	.....	.....
		1918	21	50.5	.617	31.06	17	3	1	.....	.....	.....
3	Maine:											
4	4 establishments...	1916	14	58.1	.381	22.13	.....	.....	.....	.....	14	.....
		1918	21	54.3	.539	29.28	.....	.....	20	.....	.....	1
5	Massachusetts:											
6	42 establishments...	1916	126	54.1	.493	26.65	8	23	52	43	.....	.....
		1918	116	51.8	.590	30.48	63	28	13	10	2	.....
7	Missouri:											
8	12 establishments...	1916	34	55.7	.387	21.52	2	.....	19	.....	13	.....
		1918	32	53.3	.440	23.33	14	.....	11	.....	7	.....
9	New Hampshire:											
10	8 establishments...	1916	25	55.0	.356	19.58	.....	.....	.....	25	.....	.....
		1918	23	50.8	.505	25.59	20	.....	.....	2	1	.....
11	New York:											
12	13 establishments...	1916	46	52.9	.509	26.85	6	22	5	13	.....	.....
		1918	38	50.9	.680	34.77	18	17	.....	3	.....	.....
13	Ohio:											
14	8 establishments...	1916	28	56.1	.411	23.05	.....	.....	.....	20	8	.....
		1918	20	56.0	.493	27.58	.....	.....	.....	15	5	.....
15	Pennsylvania:											
16	9 establishments...	1916	31	55.2	.310	17.25	.....	2	5	19	5	.....
		1918	27	55.0	.325	17.90	.....	1	8	15	3	.....
17	Other States:											
18	14 establishments...	1916	28	58.1	.401	23.18	.....	.....	.....	10	3	15
		1918	25	54.4	.483	26.23	2	1	6	15	1	.....
19	Total:											
20	115 establishments...	1916	355	54.9	.449	24.55	16	54	82	145	43	15
		1918	323	52.6	.542	28.33	134	50	59	60	19	1
	HEEL BREASTERS, MALE.											
21	Massachusetts:											
22	36 establishments...	1916	80	54.5	.358	19.49	2	13	33	29	3	.....
		1918	69	52.1	.476	24.73	34	18	7	7	3	.....
23	Missouri:											
24	8 establishments...	1916	22	56.5	.256	14.52	.....	.....	11	.....	11	.....
		1918	18	54.6	.316	17.01	6	.....	5	.....	7	.....
25	New Hampshire:											
26	8 establishments...	1916	16	55.0	.286	15.73	.....	.....	.....	16	.....	.....
		1918	14	51.0	.347	17.59	12	.....	.....	1	1	.....
27	New York:											
28	11 establishments...	1916	26	52.7	.352	18.52	3	15	2	6	.....	.....
		1918	23	51.0	.475	24.36	10	12	.....	1	.....	.....
29	Ohio:											
30	7 establishments...	1916	18	56.1	.321	17.94	.....	.....	.....	13	5	.....
		1918	15	56.1	.377	21.13	.....	.....	.....	11	4	.....
31	Pennsylvania:											
32	9 establishments...	1916	20	55.4	.241	13.44	.....	1	5	9	5	.....
		1918	19	55.1	.311	17.18	.....	1	.....	9	3	.....
33	Other States:											
34	20 establishments...	1916	36	57.0	.315	17.86	.....	3	2	11	10	10
		1918	38	53.6	.396	21.27	7	4	15	10	.....	2
35	Total:											
36	99 establishments...	1916	218	55.1	.321	17.64	5	32	53	84	34	10
		1918	196	53.0	.413	21.79	69	35	33	39	18	2

¹ Including 10 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
								1		1	3	18	1
								1		1	2	17	2
						1			1	7	4	1	3
										1	7	13	4
								2	7	24	41	52	5
									2	10	29	75	6
				1				2	4	9	15	3	7
									2	10	13	7	8
								2	5	11	5	2	9
										3	7	13	10
									6	9	7	24	11
											3	35	12
							1		2	15	4	6	13
										3	11	6	14
				1	2			8	9	6	1	4	15
			2					6	6	8	2	3	16
							1	2	2	10	7	6	17
										4	13	8	18
				2	2	1	2	17	36	92	87	116	19
			2					7	10	40	87	177	20
						2	1	4	11	43	12	7	21
							1	1	4	16	18	29	22
						3	3	4	5	7			23
							1	4	2	8	2	1	24
					1	1	1	1	6	5	1		25
							1	2	3	4	2	2	26
						1			3	9	4	3	27
								2	3	3	5	10	28
								4	6	5	2	1	29
						1	2	1	5	5	4	2	30
				3	5	1	1	1	4	3	2		31
							3	7	3	3	1	2	32
				1	3	1	2	6	2	11	9	1	33
							1	1	4	15	9	8	34
				4	9	9	8	23	40	83	30	12	35
							8	19	20	54	41	54	36

2 Including 5 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

	EDGE TRIMMERS, MALE.											
	Illinois:											
1	6 establishments....	1916	49	54.0	\$0.548	\$29.60	.....	15	4	30	.....	.....
2		1918	44	50.8	.597	30.18	31	9	4	.....	.....	.....
	Maine:											
3	5 establishments....	1916	46	57.0	.415	24.06	.....	.....	.....	.....	46	.....
4		1918	54	54.5	.526	28.62	.....	.....	48	2	.....	4
	Massachusetts:											
5	48 establishments....	1916	438	54.2	.443	23.99	22	54	216	142	4	.....
6		1918	402	51.7	.578	29.79	231	72	55	38	6	.....
	Missouri:											
7	12 establishments....	1916	100	55.7	.376	20.82	11	.....	46	.....	43	.....
8		1918	88	54.2	.480	25.71	32	.....	27	.....	29	.....
	New Hampshire:											
9	8 establishments....	1916	105	55.0	.384	21.10	.....	.....	.....	105	.....	.....
10		1918	83	50.5	.549	27.60	77	.....	.....	4	2	.....
	New Jersey:											
11	4 establishments....	1916	10	55.0	.547	30.10	.....	.....	.....	10	.....	.....
12		1918	7	54.6	.577	31.34	.....	1	.....	6	.....	.....
	New York:											
13	13 establishments....	1916	112	53.0	.447	23.62	16	47	13	36	.....	.....
14		1918	95	50.7	.606	30.77	145	46	.....	4	.....	.....
	Ohio:											
15	8 establishments....	1916	83	56.1	.360	20.18	.....	.....	.....	61	22	.....
16		1918	66	56.0	.469	26.31	.....	.....	.....	49	17	.....
	Pennsylvania:											
17	9 establishments....	1916	49	49.1	.376	20.73	.....	2	22	17	8	.....
18		1918	44	55.0	.416	22.98	.....	2	24	9	9	.....
	Virginia:											
19	3 establishments....	1916	14	57.6	.348	20.02	.....	.....	.....	5	9	.....
20		1918	15	54.0	.454	24.50	.....	.....	15	.....	.....	.....
	Wisconsin:											
21	4 establishments....	1916	22	58.6	.347	20.29	.....	.....	.....	6	.....	16
22		1918	20	54.4	.510	27.73	4	.....	.....	14	2	.....
	Other States:											
23	5 establishments....	1916	25	58.0	.377	22.04	.....	.....	.....	10	.....	15
24		1918	22	54.8	.486	26.64	.....	.....	4	18	.....	.....
	Total:											
25	125 establishments....	1916	1,053	54.6	.421	23.06	49	118	301	422	132	31
26		1918	940	52.5	.546	28.51	1420	130	177	144	65	4
	EDGE SETTERS, MALE.											
	Illinois:											
27	6 establishments....	1916	51	54.1	.521	28.19	.....	14	4	33	.....	.....
28		1918	46	50.7	.545	27.57	34	8	4	.....	.....	.....
	Maine:											
29	5 establishments....	1916	26	58.0	.409	23.71	.....	.....	.....	.....	26	.....
30		1918	34	54.6	.507	27.66	.....	.....	30	1	.....	3
	Massachusetts:											
31	49 establishments....	1916	344	54.2	.431	23.35	18	45	164	114	3	.....
32		1918	331	51.8	.568	29.29	180	71	41	34	5	.....
	Minnesota:											
33	3 establishments....	1916	16	60.0	.378	22.68	.....	.....	.....	.....	.....	16
34		1918	15	54.7	.435	23.79	.....	.....	4	11	.....	.....
	Missouri:											
35	12 establishments....	1916	92	55.8	.361	20.13	8	.....	44	.....	40	.....
36		1918	85	53.8	.460	24.66	32	.....	30	.....	23	.....
	New Hampshire:											
37	8 establishments....	1916	76	55.0	.368	20.23	.....	.....	.....	76	.....	.....
38		1918	62	50.3	.485	24.37	59	.....	.....	2	1	.....
	New Jersey:											
39	4 establishments....	1916	22	55.0	.438	24.11	.....	.....	.....	22	.....	.....
40		1918	15	54.4	.385	24.55	.....	3	.....	12	.....	.....

¹ Including 26 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

BOTTOMING DEPARTMENT—Continued.

									2	2	16	29	1
									1	4	8	31	2
					1			3	5	11	18	8	3
							1			11	10	32	4
				2			3	15	30	117	142	129	5
		1			1			5	5	51	70	269	6
						1	1	7	10	46	25	10	7
								3	3	21	26	35	8
							1	1	13	43	42	5	9
										9	18	56	10
							1			1	2	6	11
									1		1	5	12
								5	4	31	39	33	13
								2		1	11	81	14
					1		1	3	14	39	20	5	15
									2	19	19	26	16
						2	1	3	9	21	5	8	17
							1		1	23	10	9	18
									5	5	4		19
										2	9	4	20
								1	5	13	1	2	21
										1	10	9	22
			1				1	2	4	7	5	5	23
										7	6	9	24
			1	1	2	3	9	40	101	336	319	240	25
					1		2	10	13	149	198	566	26
								1		9	15	26	27
										7	9	30	28
										9	17		29
									1		12	21	30
							2	8	30	115	93	96	31
								2	9	37	73	210	32
								1	2	6	7		33
								1		5	5	4	34
						2		2	19	40	26	3	35
							1	1	7	19	24	33	36
						1	1		6	46	21	1	37
									1	10	22	23	38
									3	5	6	8	39
									2	4	2	7	40

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Continued.

	EDGE SETTERS, MALE—concluded.											
1	New York:											
2	14 establishments...	1916	116	52.5	\$0.441	\$23.04	24	56	12	24	-----	-----
		1918	107	51.3	.577	29.68	¹ 41	57	-----	9	-----	-----
3	Ohio:											
4	8 establishments...	1916	92	56.2	.372	20.84	-----	-----	-----	64	28	-----
5		1918	72	56.1	.480	26.97	-----	-----	-----	52	29	-----
6	Pennsylvania:											
7	9 establishments...	1916	67	55.5	.395	21.92	-----	1	22	26	18	-----
8		1918	64	55.4	.474	26.35	-----	1	26	20	17	-----
9	Virginia:											
10	3 establishments...	1916	13	59.0	.331	19.52	-----	-----	-----	-----	13	-----
11		1918	13	54.0	.453	24.47	-----	-----	13	-----	-----	-----
12	Wisconsin:											
13	4 establishments...	1916	19	58.7	.335	19.54	-----	-----	-----	5	14	-----
14		1918	16	54.6	.419	22.89	2	-----	-----	13	1	-----
15	Other States:											
16	2 establishments...	1916	7	55.0	.355	19.54	-----	-----	-----	7	-----	-----
17		1918	9	55.0	.444	24.42	-----	-----	-----	9	-----	-----
18	Total:											
19	127 establishments...	1916	941	54.9	.412	22.52	50	116	246	371	142	16
20		1918	869	52.7	.524	27.55	¹ 348	140	148	163	67	3
	HEEL SCOURERS, MALE.											
21	Illinois:											
22	6 establishments...	1916	21	54.0	.389	21.01	-----	6	3	12	-----	-----
23		1918	22	51.1	.465	23.64	14	4	4	-----	-----	-----
24	Maine:											
25	5 establishments...	1916	17	58.0	.378	21.92	-----	-----	-----	-----	17	-----
26		1918	27	54.5	.472	25.70	-----	-----	24	1	-----	2
27	Massachusetts:											
28	42 establishments...	1916	176	54.2	.375	20.27	12	31	76	55	2	-----
29		1918	144	51.9	.490	25.35	78	28	22	13	3	-----
30	Minnesota:											
31	3 establishments...	1916	11	60.0	.372	22.34	-----	-----	-----	-----	-----	11
32		1918	9	54.8	.466	25.53	-----	-----	2	7	-----	-----
33	Missouri:											
34	12 establishments...	1916	56	56.3	.288	16.11	2	-----	27	-----	27	-----
35		1918	60	54.1	.342	18.26	22	-----	19	-----	19	-----
36	New Hampshire:											
37	7 establishments...	1916	41	55.0	.260	14.32	-----	-----	-----	41	-----	-----
38		1918	37	50.1	.383	19.21	36	-----	-----	1	-----	-----
39	New York:											
40	13 establishments...	1916	62	53.3	.390	20.70	4	29	4	25	-----	-----
41		1918	55	50.5	.507	25.56	² 28	24	-----	3	-----	-----
42	Ohio:											
43	8 establishments...	1916	41	55.9	.330	18.48	-----	-----	-----	32	9	-----
44		1918	33	56.0	.379	21.28	-----	-----	-----	25	8	-----
45	Pennsylvania:											
46	9 establishments...	1916	30	55.2	.261	14.44	-----	2	11	11	6	-----
47		1918	25	55.3	.351	19.53	-----	1	11	7	6	-----
48	Wisconsin:											
49	4 establishments...	1916	13	59.2	.261	15.42	-----	-----	-----	2	-----	11
50		1918	13	54.2	.327	17.64	3	-----	-----	9	1	-----
51	Other States:											
52	8 establishments...	1916	16	56.3	.347	19.47	-----	-----	-----	11	5	-----
53		1918	14	54.4	.392	21.99	-----	1	6	7	-----	-----
54	Total:											
55	117 establishments...	1916	484	55.0	.343	18.81	18	68	121	189	66	22
56		1918	439	52.7	.436	22.86	² 181	58	88	73	37	2

¹ Including 16 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—												Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.

BOTTOMING DEPARTMENT—Continued.

							2	5	7	37	25	40	1
									3	8	22	74	2
							1	5	9	46	21	8	3
										23	20	29	4
								4	6	24	27	6	5
							1	1	1	21	13	27	6
									5	7	1		7
										1	11	1	8
					1		1		2	10	4		9
									1	3	11	1	10
										7			11
										2	6	1	12
					1	3	7	26	90	361	265	188	13
						3	3	4	25	146	230	461	14
						1		3	1	8	5	3	15
							1	2	1	3	6	9	16
						1		1	2	5	8		17
										9	7	11	18
						1	2	16	22	74	46	15	19
						1			7	34	41	61	20
								1	1	4	4	1	21
										3	2	4	22
					1	1		2	14	19	13	5	23
						2	1	12	8	21	10	6	24
				1	1		2	9	16	10			25
						2		1	3	17	12	4	26
							1	4	10	18	22	7	27
									1	10	15	29	28
						2	1	1	11	17	8	1	29
							1	2	3	17	5	5	30
				3		2	3		4	9	6	3	31
								4	8	6	3	4	32
						1	1	3	5	3			33
				1			1	1	1	5	4		34
								3	5	3	4	1	35
									3	5	4	2	36
				4	2	3	11	9	59	101	161	105	29
				1		3	3	4	22	35	130	109	135
													37
													38

* Including 18 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.

BOTTOMING DEPARTMENT—Concluded.

HEEL BURNISHERS, MALE.											
1	Illinois:										
2	5 establishments....	1916	14	54.1	\$0.509	\$27.55	.....	4	1	9	.....
		1918	14	50.7	.524	26.47	10	3	1	.....	.....
3	Maine:										
4	4 establishments....	1916	10	58.1	.373	21.68	.....	.....	.....	10	.....
		1918	11	54.5	.461	25.07	.....	.....	10	.....	1
5	Massachusetts:										
6	45 establishments....	1916	134	54.5	.344	18.72	7	6	61	57	3
		1918	118	51.8	.484	24.95	69	15	14	17	3
7	Missouri:										
8	12 establishments....	1916	37	56.5	.255	14.39	2	.....	15	.....	20
		1918	35	54.0	.349	18.68	12	.....	13	.....	10
9	New Hampshire:										
10	8 establishments....	1916	29	55.0	.260	14.30	.....	.....	.....	29	.....
		1918	23	50.8	.382	19.34	20	.....	.....	2	1
11	New York:										
12	13 establishments....	1916	41	52.9	.356	18.78	5	20	5	11	.....
		1918	28	51.0	.473	24.16	12	14	.....	2	.....
13	Ohio:										
14	8 establishments....	1916	30	56.9	.307	17.45	.....	.....	.....	16	14
		1918	28	56.4	.348	19.70	.....	.....	.....	18	10
15	Pennsylvania:										
16	8 establishments....	1916	20	55.3	.283	15.79	.....	1	10	3	6
		1918	15	55.2	.372	20.71	.....	1	7	3	4
17	Wisconsin:										
18	4 establishments....	1916	15	59.0	.245	14.42	.....	.....	.....	3	12
		1918	10	54.4	.326	17.68	2	.....	.....	7	1
19	Other States:										
20	10 establishments....	1916	19	58.1	.309	17.91	.....	.....	.....	6	6
		1918	19	54.3	.391	21.23	.....	1	10	8	7
21	Total:										
22	117 establishments..	1916	349	55.3	.323	17.83	14	31	92	134	59
		1918	301	52.8	.431	22.62	125	34	55	57	29
BUFFERS, MALE.											
23	Illinois:										
24	6 establishments....	1916	22	54.6	.372	20.27	.....	2	3	17	.....
		1918	25	51.0	.452	23.01	15	7	3	.....	.....
25	Maine:										
26	4 establishments....	1916	16	58.1	.365	21.19	.....	.....	.....	16	.....
		1918	26	54.3	.517	28.08	.....	.....	23	2	1
27	Massachusetts:										
28	47 establishments....	1916	217	54.4	.337	18.33	7	22	92	94	2
		1918	162	52.1	.456	23.61	83	32	19	21	7
29	Missouri:										
30	12 establishments....	1916	53	55.9	.280	15.66	4	.....	25	.....	24
		1918	41	54.5	.343	18.60	12	.....	15	.....	14
31	New Hampshire:										
32	8 establishments....	1916	56	55.0	.290	15.94	.....	.....	.....	56	.....
		1918	46	50.4	.394	19.84	43	.....	.....	2	1
33	New York:										
34	13 establishments....	1916	49	52.9	.360	19.01	13	15	2	19	.....
		1918	48	50.5	.486	24.45	28	16	.....	4	.....
35	Ohio:										
36	7 establishments....	1916	30	55.8	.371	20.65	.....	.....	.....	24	6
		1918	19	55.8	.425	23.69	.....	.....	.....	15	4
37	Pennsylvania:										
38	8 establishments....	1916	35	55.0	.232	12.84	.....	4	11	13	7
		1918	40	55.0	.288	15.92	.....	3	9	22	6
39	Other States:										
40	14 establishments....	1916	81	57.9	.314	18.15	.....	.....	.....	12	5
		1918	35	54.9	.367	20.12	1	1	9	21	3
41	Total:										
42	119 establishments..	1916	509	55.0	.324	17.78	24	43	133	235	60
		1918	442	52.7	.422	22.10	182	59	78	87	35

¹ Including 6 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
				1				2	1	2	4	5	1
								1		3	4	5	2
										5	5		3
									1	2	3	5	4
						1	3	12	30	50	34	4	5
						1		3	9	22	29	54	6
					1	3	2	9	15	7			7
						1	2	4	6	9	10	3	8
						1	4	10	5	9			9
								5	2	6	7	3	10
					1	1		4	8	15	10	2	11
								1	1	6	9	11	12
						1	1	6	5	14	3		13
					1			3	3	12	8	1	14
					1	2	1	4	5	5	2		15
								1	4	6	3	1	16
						1	2	4	7	1			17
									2	8			18
					1	1		2	6	8		1	19
								1	2	8	5	3	20
					4	11	13	53	82	116	58	12	21
				1	1	2	2	19	30	82	75	89	22
							1	1	6	6	6	2	23
								2		7	7	9	24
									3	8	5		25
							1			2	7	16	26
				1		1	3	18	53	102	33	6	27
								3	8	57	36	58	28
					1		2	12	26	10	2		29
							1	4	7	21	7	1	30
				2	1	1	2	3	19	26	2		31
					1			3	3	15	19	5	32
						2	3	6	22	15	15	1	33
							4	2	9	10	10	23	34
								5	1	13	9	2	35
								1	3	3	7	5	36
				4	4	2		8	10	3	2		37
				3	1	4	2	8	4	14	3	1	38
								7	7	13	3	1	39
								1	5	17	7	5	40
				4	7	4	2	12	57	131	203	77	41
				3	2	4	4	26	32	145	103	123	42

* Including 17 employees at 48 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.

FINISHING DEPARTMENT.

	TREERS OR IRONERS, HAND, MALE.										
1	Illinois:	1916	90	53.8	\$0.368	\$19.82		35	4	51	
2	5 establishments....	1918	87	50.6	.422	21.31	66	18	3		
3	Maine:	1916	54	58.1	.305	17.75					54
4	4 establishments....	1918	60	54.4	.400	21.83			54	2	4
5	Massachusetts:	1916	611	54.6	.305	16.61	18	111	292	179	¹ 11
6	43 establishments....	1918	521	51.6	.438	22.52	295	145	37	40	4
7	Minnesota:	1916	20	60.0	.301	18.06					20
8	3 establishments....	1918	21	54.8	.371	20.31			5	16	
9	Missouri:	1916	92	55.4	.242	13.44			66		26
10	7 establishments....	1918	80	53.5	.325	17.17	43		11		26
11	New Hampshire:	1916	84	55.0	.272	14.98				84	
12	6 establishments....	1918	61	50.8	.419	21.20	53			6	2
13	New York:	1916	91	53.3	.292	15.60		52	23	16	
14	8 establishments....	1918	54	51.2	.405	20.69	² 21	31		2	
15	Ohio:	1916	73	56.5	.246	13.92				46	27
16	6 establishments....	1918	65	56.7	.327	18.53				38	27
17	Pennsylvania:	1916	25	55.4	.197	10.97			15	2	8
18	4 establishments....	1918	25	55.4	.333	18.47			13	6	6
19	Virginia:	1916	22	59.0	.274	16.17					22
20	3 establishments....	1918	17	54.0	.465	25.12			17		
21	Wisconsin:	1916	22	58.2	.287	16.67				8	14
22	4 establishments....	1918	23	54.8	.345	18.90	4			15	4
23	Other States:	1916	36	55.0	.327	17.97				36	
24	4 establishments....	1918	30	54.6	.373	20.28		4		26	
25	Total:	1916	1,220	55.0	.296	16.25	18	198	400	422	137
26	97 establishments....	1918	1,044	52.4	.409	21.31	² 482	198	140	151	69
	TREERS OR IRONERS, HAND, FEMALE.										
27	New York:	1916	42	51.0	.226	11.52	20	22			
28	4 establishments....	1918	29	50.8	.267	13.52	17	12			
29	Ohio:	1916	37	53.6	.192	10.28		37			
30	3 establishments....	1918	31	51.6	.223	11.49	21			10	
31	Other States:	1916	60	54.2	.159	8.61			48	12	
32	6 establishments....	1918	63	53.4	.224	11.88	13		35	15	
33	Total:	1916	139	53.1	.188	9.93	20	59	48	12	
34	13 establishments....	1918	123	52.3	.234	12.17	51	12	35	25	
	TREERS OR IRONERS, MACHINE, MALE.										
35	Massachusetts:	1916	81	54.4	.257	13.96			49	32	
36	3 establishments....	1918	30	53.2	.334	17.63	6		24		
37	Missouri:	1916	44	58.0	.242	14.05			9	35	
38	4 establishments....	1918	34	58.1	.284	16.45			6		28

¹ Over 60 hours.² Including 9 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	
					2	1	1	10	6	39	22	9	1
						2	1	4	7	19	29	25	2
							1	7	16	29	1		3
								1	3	30	22	4	4
			5	3	6	7	17	91	161	261	49	11	5
					2		2	5	32	139	192	149	6
						1	1	3	4	10	1		7
									1	17		3	8
	1	4	5	1	5	6	18	35	16	16			9
	1	1		2		5	9	13	35	35	8	6	10
						1	1	27	32	23			11
								1	5	16	31	8	12
				1	1		3	22	29	24	11		13
								2	10	19	12	11	14
					3	5	10	20	21	13	1		15
					2	1	4	5	16	24	10	3	16
		4			3	6	4	1	4	3			17
							1	4	5	10	5		18
								10	6	6			19
									1	4	6	6	20
								4	11	7			21
								3	2	11	7		22
				1		3		8	12	1	4	7	23
					1			3	3	14	3	6	24
		1	13	9	16	30	44	221	338	432	89	27	25
	1	1	1		7	3	13	37	98	338	325	221	26
				4	1	2	1	21	12	1			27
			2			1	1	5	11	9			28
			1		10	2	4	18	2				29
					1	4	6	11	9				30
	1	3	7	8	13	14	5	7	2				31
				3	2	7	17	22	5	3	4		32
	1	3	8	12	24	18	10	46	16	1			33
			2	3	3	12	24	38	25	12	4		34
		1			1	6	3	26	27	16	1		35
									14	12		4	36
						1	4	14	21	2			37
			2				2	9	8	14	1		38

* Including 11 employees over 60 hours.

92 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FINISHING DEPARTMENT—Concluded.

TREES OR IRONERS, MACHINE, MALE—concl.												
1	New Hampshire:											
2	4 establishments....	1916	75	55.0	\$0.254	\$13.96				75		
		1918	40	50.0	.376	18.79	40					
3	Other States:											
4	3 establishments....	1916	36	54.4	.351	19.15		4	11	21		
		1918	36	50.5	.435	21.64	1 20	3	13			
5	Total:											
6	14 establishments...	1916	236	55.3	.268	14.77		4	69	163		
		1918	140	52.8	.360	18.71	2 66	3	43		28	

OTHER EMPLOYEES (ALL DEPARTMENTS).

MALES.												
7	Illinois:											
8	6 establishments....	1916	984	54.3	\$0.247	\$13.44		202	97	685		
		1918	856	51.1	.315	16.05	3 538	202	113	1		4 2
9	Maine:											
10	5 establishments....	1916	806	58.0	.245	14.23					806	
		1918	1,198	54.5	.345	18.82	2		1,094	30	1	6 71
11	Massachusetts:											
12	50 establishments...	1916	8,583	54.2	.260	14.09	7 499	1,154	4,109	2,690	93	8 38
		1918	7,943	51.7	.347	17.88	9 4,476	1,602	1,139	568	100	10 58
13	Michigan:											
14	2 establishments....	1916	127	55.2	.215	11.88				125		11 2
		1918	165	56.3	.284	15.99				127	30	12 8
15	Minnesota:											
16	3 establishments....	1916	372	60.0	.242	14.53						372
		1918	336	55.0	.322	17.75			75	248		4 13
17	Missouri:											
18	14 establishments...	1916	2,648	56.0	.226	12.65	107		1,481		953	13 107
		1918	2,467	54.0	.295	15.78	14 960	4	836		612	16 55
19	New Hampshire:											
20	9 establishments....	1916	2,255	55.0	.223	12.27				2,251		11 4
		1918	2,285	50.4	.339	17.11	2 159			86	33	11 7
21	New Jersey:											
22	4 establishments....	1916	341	55.2	.242	13.33	5 10			325		11 6
		1918	253	55.0	.284	15.15	5 1		1	249	1	11 1
23	New York:											
24	14 establishments...	1916	2,953	52.9	.268	14.19	16 477	1,369	367	715	1	17 24
		1918	2,773	51.2	.354	18.12	18 1,270	1,334	3	141	1	19 24
25	Ohio:											
26	8 establishments....	1916	1,937	56.3	.203	11.45	5 3		17	1,308	602	11 7
		1918	1,819	56.7	.297	16.88	8		45	1,098	544	19 124
27	Pennsylvania:											
28	9 establishments....	1916	1,434	55.8	.212	11.92	4	53	554	295	497	20 31
		1918	1,241	55.2	.266	14.74	5 3	48	499	423	262	21 6
29	Virginia:											
30	2 establishments....	1916	262	59.0	.196	11.56					261	11 1
		1918	216	54.4	.294	16.02			213			11 3

¹ At 48 hours.

² Including 20 employees at 48 hours.

³ Including 4 employees at 48 hours.

⁴ Including 1 employee over 60 hours.

⁵ Under 48 hours.

⁶ Including 8 employees over 60 hours.

⁷ Including 15 employees at 48 hours and 26 under 48 hours.

⁸ Including 29 employees over 60 hours.

⁹ Including 136 employees at 48 hours and 168 under 48 hours.

¹⁰ Including 53 employees over 60 hours.

¹¹ Over 60 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

FINISHING DEPARTMENT—Concluded.

							1	35	34	5			1
								5	6	15	8	6	2
									1	7	22	6	3
									6	13	5	12	4
		1	2		1	7	8	75	83	30	23	6	5
							2	14	34	54	14	22	6

OTHER EMPLOYEES (ALL DEPARTMENTS).

	9	22	48	63	74	96	79	184	158	164	48	39	7
		6	9	25	33	27	52	157	144	230	94	79	8
1	1	9	37	54	124	52	46	137	127	137	60	21	9
		1	6	3	6	12	46	235	194	346	203	146	10
13	37	154	333	410	340	772	665	1,511	1,700	1,838	548	242	11
1	7	12	38	118	189	238	233	987	1,306	2,437	1,310	1,067	12
	1	4	8	8	15	12	5	36	22	15	1		13
			2	4	12	21	3	30	30	36	17	10	14
		2	32	20	21	28	13	95	68	74	1	2	15
			2	6	21	18	24	49	50	87	41	38	16
4	13	100	179	237	212	207	170	532	436	403	105	50	17
2	3	8	50	70	104	116	200	501	348	636	229	200	18
5	12	25	63	170	117	364	266	547	324	281	59	22	19
1	6	3	17	22	30	41	57	299	412	796	406	195	20
	2	7	25	28	22	23	21	76	54	52	17	13	21
			4	3	15	21	11	46	60	60	24	9	22
6	12	28	138	146	197	173	163	515	547	681	245	102	23
5	3	3	12	29	58	86	118	339	378	793	570	379	24
1	7	48	266	147	211	178	143	380	273	237	35	11	25
	1	1	16	51	85	83	96	369	316	538	182	81	26
2	21	81	171	142	159	125	103	225	161	136	64	44	27
1	2	6	21	58	93	98	113	249	225	235	82	58	28
4	10	19	45	15	21	12	6	60	33	27	7	3	29
		2	7	10	12	12	15	46	27	43	23	19	30

¹² Including 3 employees over 60 hours.¹³ Including 22 employees over 60 hours.¹⁴ Including 8 employees at 48 hours.¹⁵ Including 23 employees over 48 hours.¹⁶ Including 24 employees over 48 hours.¹⁷ Including 17 employees over 60 hours.¹⁸ Including 447 employees at 48 hours and 10 under 48 hours.¹⁹ Including 18 employees over 60 hours.²⁰ Including 15 employees over 60 hours.²¹ Including 5 employees over 60 hours.

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK EARNINGS, IN EACH STATE, BY

Line No.	Occupation, sex, State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
OTHER EMPLOYEES (ALL DEPARTMENTS)—Concluded.												
MALES—concluded.												
1	Wisconsin:	1916	440	58.9	\$0.194	\$11.43	13			87		350
2	4 establishments....	1918	424	54.1	.282	15.21	2 88		14	292	29	31
3	Total:	1916	23,142	55.0	.242	13.29	41,103	2,778	6,625	8,481	3,213	5 942
4	130 establishments..	1918	21,976	52.7	.328	17.20	6 9,505	3,191	4,031	3,263	1,613	7 373
FEMALES.												
5	Illinois:	1916	539	54.4	.172	9.41		76	92	371		
6	6 establishments....	1918	554	51.2	.213	10.88	8 331	119	104			
7	Maine:	1916	621	57.9	.183	10.59					621	
8	5 establishments....	1918	823	54.0	.274	14.81			823			
9	Massachusetts:	1916	5,504	53.6	.193	10.38	9 347	856	4,301			
10	50 establishments....	1918	5,670	51.6	.244	12.55	10 3,000	1,424	1,246			
11	Michigan:	1916	118	54.0	.144	7.77			118			
12	2 establishments....	1918	125	54.0	.157	8.47			125			
13	Minnesota:	1916	213	54.0	.185	10.01			213			
14	3 establishments....	1918	224	53.4	.198	10.59		47	108	69		
15	Missouri:	1916	1,526	53.7	.156	8.38	99		1,427			
16	12 establishments....	1918	1,863	52.3	.187	9.71	11 805		1,058			
17	New Hampshire:	1916	1,118	55.0	.184	10.11				1,118		
18	9 establishments....	1918	1,118	50.2	.267	13.38	11 1,071		47			
19	New Jersey:	1916	295	54.8	.154	8.43	17			288		
20	4 establishments....	1918	199	54.5	.184	10.02		35		164		
21	New York:	1916	1,713	51.6	.204	10.53	12 657	612	444			
22	14 establishments....	1918	1,515	50.5	.251	12.58	13 839	676				
23	Ohio:	1916	1,252	53.8	.157	8.47	14 1	674	577			
24	8 establishments....	1918	1,316	50.0	.204	10.20	15 1,316					
25	Pennsylvania:	1916	972	53.4	.142	7.62	16 126	30	816			
26	9 establishments....	1918	962	53.3	.180	9.63	159	26	777			
27	Virginia:	1916	182	50.0	.145	8.58					182	
28	3 establishments....	1918	307	54.0	.176	9.50			307			
29	Wisconsin:	1916	413	55.0	.138	7.59				413		
30	4 establishments....	1918	331	54.5	.184	10.04	32			299		
31	Total:	1916	14,466	53.9	.179	9.62	17 1,237	2,248	7,988	2,190	803	
32	129 establishments..	1918	15,007	51.7	.227	11.72	18 7,553	2,327	4,595	532		

¹ Under 48 hours.² Including 9 employees at 48 hours and 2 under 48 hours.³ Over 60 hours.⁴ Including 18 employees at 48 hours and 63 under 48 hours.⁵ Including 103 employees over 60 hours.⁶ Including 608 employees at 48 hours and 186 under 48 hours.⁷ Including 142 employees over 60 hours.⁸ Including 3 employees at 48 hours.⁹ Including 22 employees at 48 hours and 64 under 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY YEARS, 1916 AND 1918—Concluded.

Employees whose rates of wages per hour were—													Line No.
Under 6 cents.	6 and under 8 cents.	8 and under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 cents and over.	

OTHER EMPLOYEES (ALL DEPARTMENTS)—Concluded.

.....	8	22	44	51	49	49	29	71	62	46	6	3	1
.....		1	5	26	25	26	8	72	77	125	41	18	2
37	133	521	1,409	1,491	1,562	2,091	1,709	4,369	3,965	4,091	1,212	552	3
10	22	43	189	425	683	799	976	3,379	3,567	6,362	3,222	2,299	
2	30	26	58	80	69	65	48	93	41	23	2	2	5
.....	2	9	30	21	38	85	67	148	97	49	8	.....	6
4	13	25	76	74	84	54	52	129	74	34	1	1	7
.....		2	4	17	23	65	53	170	175	260	47	7	8
12	62	180	485	549	469	738	752	1,247	611	345	50	4	9
4	18	32	104	233	367	465	506	1,607	967	1,120	182	65	10
.....	4	29	11	17	12	10	15	16	3	1	.....	.....	11
.....		2	22	20	29	20	8	18	6	.....	.....	.....	12
.....		2	26	34	26	23	19	50	22	9	2	.....	13
.....		17	32	42	26	20	20	35	28	19	5	.....	14
7	49	176	238	249	187	201	109	182	83	41	3	1	15
5	5	32	168	243	291	261	221	319	166	135	14	3	16
16	24	28	75	137	106	172	140	295	82	31	10	2	17
2	9	19	18	31	37	47	50	315	262	233	71	24	18
.....	4	20	44	57	53	47	25	33	8	3	.....	1	19
.....		5	8	17	47	41	25	38	14	3	.....	1	20
.....	11	37	125	155	190	192	172	407	266	131	21	6	21
2	1	8	26	69	117	155	172	290	277	291	82	25	22
8	12	84	237	187	209	112	129	187	70	16	1	.....	23
1	4	8	19	95	202	166	246	311	156	92	9	7	24
4	41	144	225	174	121	84	38	75	39	22	5	.....	25
1	1	14	57	148	242	141	93	136	62	56	11	.....	26
2	8	25	36	17	27	27	14	15	10	1	.....	.....	27
1	6	3	38	63	39	39	33	56	15	13	.....	1	23
7	30	39	90	70	50	43	27	46	10	1	.....	.....	29
.....		7	16	43	54	53	38	74	31	11	4	.....	30
62	288	815	1,726	1,800	1,603	1,768	1,540	2,775	1,319	658	95	17	31
16	46	141	527	1,032	1,528	1,564	1,532	3,517	2,256	2,282	433	133	32

¹⁰ Including 52 employees at 48 hours and 77 under 48 hours.¹¹ Including 1 employee at 48 hours.¹² Including 9 employees under 48 hours.¹³ Including 246 employees at 48 hours and 7 under 48 hours.¹⁴ At 48 hours.¹⁵ Including 13 employees at 48 hours.¹⁶ Including 1 employee under 48 hours.¹⁷ Including 28 employees at 48 hours and 76 under 48 hours.¹⁸ Including 316 employees at 48 hours and 84 under 48 hours.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS,

Line No.	Occupation, sex, and State.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

CUTTING DEPARTMENT.

	Cutters, vamp and whole shoe, hand, male:											
1	Illinois.....	8	161	50.9	\$0.552	\$28.02	114	26	19	.....	2	.....
2	Maine.....	4	43	54.1	.493	26.67	.....	.....	38	5	.....	.....
3	Massachusetts.....	44	914	51.1	.503	25.60	¹ 651	157	58	32	16	.....
4	Minnesota.....	3	65	54.7	.394	21.54	.....	.....	18	47	.....	.....
5	Missouri.....	11	320	50.4	.499	25.10	294	.....	22	.....	4	.....
6	New Hampshire.....	5	61	50.6	.391	19.78	55	.....	.....	4	2	.....
7	New Jersey.....	4	46	55.0	.347	19.06	.....	.....	.....	46	.....	.....
8	New York.....	12	285	51.6	.525	27.03	89	181	.....	15	.....	.....
9	Ohio.....	6	153	54.6	.496	27.11	55	.....	.....	43	55	.....
10	Pennsylvania.....	9	194	55.4	.383	21.28	.....	11	63	68	52	.....
11	Wisconsin.....	4	32	54.5	.385	21.00	5	.....	.....	25	2	.....
12	Other States.....	4	45	54.4	.358	19.45	.....	.....	27	18	.....	.....
13	Total.....	114	2,319	52.0	.484	25.06	¹ 1,263	375	245	303	133	.....
	Cutters, vamp and whole shoe, machine, male:											
14	Massachusetts.....	30	539	51.3	.470	24.03	² 347	63	107	20	2	.....
15	Missouri.....	6	142	57.4	.347	19.78	.....	.....	45	.....	97	.....
16	New Hampshire.....	4	170	50.4	.460	23.17	157	.....	.....	13	.....	.....
17	New York.....	5	140	48.6	.449	21.94	³ 129	11	.....	.....	.....	.....
18	Ohio.....	3	64	55.0	.392	21.58	.....	.....	.....	64	.....	.....
19	Pennsylvania.....	3	21	54.7	.308	16.88	.....	.....	6	15	.....	.....
20	Other States.....	15	126	54.4	.466	25.26	14	1	64	32	15	.....
21	Total.....	66	1,202	52.2	.444	23.04	⁴ 647	75	222	144	114	.....
	Skivers, upper, machine, male:											
22	Massachusetts.....	13	68	50.3	.421	21.15	63	.....	2	3	.....	.....
23	New York.....	2	10	52.8	.641	33.88	.....	10	.....	.....	.....	.....
24	Other States.....	8	18	52.2	.311	16.22	8	1	8	1	.....	.....
25	Total.....	23	96	50.9	.423	21.55	71	11	10	4	.....	.....
	Skivers, upper, machine, female:											
26	Illinois.....	8	55	52.0	.246	12.71	33	6	9	.....	7	.....
27	Maine.....	5	17	54.0	.310	16.74	.....	.....	17	.....	.....	.....
28	Massachusetts.....	43	208	51.8	.286	14.74	⁵ 99	46	63	.....	.....	.....
29	Minnesota.....	3	24	53.3	.210	11.18	.....	6	11	7	.....	.....
30	Missouri.....	12	80	52.4	.249	13.02	31	.....	49	.....	.....	.....
31	New Hampshire.....	9	76	50.2	.306	15.36	73	.....	3	.....	.....	.....
32	New Jersey.....	3	11	54.5	.215	11.67	.....	2	.....	9	.....	.....
33	New York.....	13	79	50.2	.296	14.81	⁶ 51	28	.....	.....	.....	.....
34	Ohio.....	7	59	50.0	.235	11.73	59	.....	.....	.....	.....	.....
35	Pennsylvania.....	9	42	52.5	.234	12.39	15	2	25	.....	.....	.....
36	Virginia.....	3	15	54.0	.231	12.48	.....	.....	15	.....	.....	.....
37	Wisconsin.....	4	22	54.1	.221	11.95	4	.....	.....	18	.....	.....
38	Other States.....	2	9	54.0	.162	8.72	.....	.....	9	.....	.....	.....
39	Total.....	121	697	51.7	.267	14.73	⁷ 365	90	201	34	7	.....

¹ Including 47 employees at 48 hours.² Including 3 employees at 48 hours.³ Including 117 employees at 48 hours.⁴ Including 120 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME BY STATES, 1918.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

CUTTING DEPARTMENT.

		1			1	1	2	8	43	50	34	21	1
						3		5	20	3	11	1	2
					4	3	17	131	127	472	95	57	3
							1	35	29				4
			1		1	1	1	52	123	82	38	16	5
						9	4	16	28	3	1		6
		1			2	2	4	3	22	9	2		7
		1					3	4	22	72	123	48	8
							2	9	24	44	39	27	9
				1	2		6	37	74	40	23	8	10
							1	2	11	18			11
							7	26	11	1			12
		3	2	9	7	38	91	426	564	797	264	118	13
						3	5	82	170	252	13	14	14
			1	1	1	10	43	55	16	14			15
						4	12	45	53	34	17	5	16
						1	5	39	60	20	7	8	17
							4	44	10	5	1		18
					1	4	11	1					19
					1	5	9	36	33	16	8	18	20
			1	1	3	27	82	312	343	341	47	45	21
							1	38	16	5	7	1	22
						1		2	2	2		5	23
				1	1		4	9	3				24
				1	1	1	5	47	21	7	7	6	25
				7	4	20	16	8					26
					1	1	6	8	1				27
1			4	3	21	52	37	77	8	4	1		28
				2	4	11	2	1					29
		2	4	7	4	25	14	18	4				30
				2	1	13	17	34	9				31
			1	5	1	1	1	2					32
			1	1	7	20	15	23	12				33
		2	4	5	12	16	8	12					34
	1	1	7	10	2	6	5	7	3				35
			1	1		9	4						36
			2	3	1	10	2	2	1				37
1		4	1			2	1						38
2	3	11	28	46	58	186	128	192	38	4	1		39

^a Including 2 employees at 45 hours.^b Including 18 employees at 48 hours.^c Including 2 employees at 45 hours and 18 at 48 hours.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.

SOLE-LEATHER DEPARTMENT.

Cutters, outsole, male:											
1	Massachusetts.....	31	149	51.8	\$0.405	\$20.90	82	23	31	11	2
2	Missouri.....	3	71	53.5	.420	22.48	9	62			
3	New York.....	10	67	48.8	.426	20.71	1 58	7		2	
4	Ohio.....	8	24	55.5	.394	21.91				21	3
5	Pennsylvania.....	7	16	55.1	.344	18.91		2	3	8	3
6	Other States.....	17	89	52.8	.390	20.43	32	10	14	30	3
7	Total.....	76	416	52.1	.405	21.02	1 181	42	110	72	11
Channelers, insole and outsole, male:											
8	Illinois.....	9	16	51.9	.376	19.38	10	2	2		2
9	Maine.....	4	12	54.6	.453	24.71			10	1	
10	Massachusetts.....	44	113	51.4	.479	24.52	73	17	14	8	1
11	Missouri.....	11	23	54.2	.371	19.92	9		6		8
12	New Hampshire.....	9	22	51.5	.462	23.53	17			3	2
13	New York.....	12	27	51.1	.419	21.35	2 12	12		3	
14	Ohio.....	8	16	55.3	.344	19.00				15	1
15	Pennsylvania.....	9	17	55.3	.348	19.26		1	5	7	4
16	Other States.....	16	22	54.7	.371	20.32	1		5	15	1
17	Total.....	122	268	52.5	.430	22.42	2 122	32	42	52	19

FITTING OR STITCHING DEPARTMENT.

Tip stitchers, female:											
18	Illinois.....	9	31	51.8	\$0.283	\$14.47	19	4	5		3
19	Maine.....	5	24	54.0	.339	18.28			24		
20	Massachusetts.....	45	178	51.6	.312	15.98	99	47	32		
21	Missouri.....	12	36	52.9	.214	11.21	10		26		
22	New Hampshire.....	7	25	50.8	.321	16.32	20		5		
23	New Jersey.....	4	9	53.7	.228	12.21		4		5	
24	New York.....	13	38	50.1	.341	17.10	3 24	14			
25	Ohio.....	9	32	50.0	.259	12.96	32				
26	Pennsylvania.....	9	30	53.0	.228	12.12	7	2	21		
27	Wisconsin.....	4	14	54.3	.229	12.38	2			12	
28	Other States.....	8	20	53.6	.223	11.95		3	14	3	
29	Total.....	125	437	51.8	.288	14.86	3 213	74	127	20	3
Backstay stitchers, female:											
30	Illinois.....	9	46	52.6	.235	12.16	22	5	12		7
31	Maine.....	4	15	54.0	.294	15.83			15		
32	Massachusetts.....	49	213	51.6	.286	14.74	119	26	68		
33	Minnesota.....	3	7	52.8	.247	13.05		3	2	2	
34	Missouri.....	12	60	53.1	.211	11.15	13		47		
35	New Hampshire.....	7	48	50.3	.294	14.76	45		3		
36	New York.....	10	48	49.9	.291	14.39	4 30	18			
37	Ohio.....	9	31	50.0	.239	11.96	31				
38	Pennsylvania.....	9	51	52.7	.207	10.96	14	6	31		
39	Wisconsin.....	4	19	54.5	.231	12.56	2			17	
40	Other States.....	8	22	54.0	.244	13.15		3	14	5	
41	Total.....	124	560	51.9	.261	13.49	4 276	61	192	24	7
Lining makers:											
42	Illinois.....	9	77	51.4	.236	12.02	55	4	12		6
43	Maine.....	4	37	54.0	.278	15.03			37		
44	Massachusetts.....	51	403	51.1	.263	13.44	6 280	49	74		
45	Minnesota.....	3	25	53.6	.215	11.49			4	15	6
46	Missouri.....	11	118	52.2	.189	9.53	52		66		

1 Including 54 employees at 48 hours.

2 Including 7 employees at 48 hours.

3 Including 12 employees at 48 hours.

4 Including 21 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

SOLE-LEATHER DEPARTMENT.

					1	2	1	50	93	1	1		1
							1	27	43				2
							3	7	51	6			3
							3	13	5	2	1		4
					1	1	6	1	7				5
						1	11	42	28	4	2	1	6
					2	4	25	140	227	13	4	1	7
						1	2	7	4	2			8
								2	8	1	1		9
							6	22	32	32	15	6	10
							4	12	6	1			11
						1	4	6	3	3	2	3	12
				1			2	8	11	5			13
							3	11	2				14
					1	1	4	6	4	1			15
							5	11	3	3			16
				1	1	3	20	85	73	48	18	9	17

FITTING OR STITCHING DEPARTMENT.

		2	2	2	1	4	4	13	3				18
					5	4	2	11	6				19
	1	3	2	7	5	35	33	60	26	6			20
		2	6	4	6	8	3	7					21
			1	1	1	3	5	9	5				22
	1	1			1	4		2					23
					3	3	4	19	8	2			24
					5	11	9	6	1				25
			3	7	5	4	4	6					26
	1				2	4	3	2					27
			1	2	4	7	5	1					28
1	2	9	15	26	31	88	72	136	49	8			29
	2	1	2	6	3	5	10	5	10	2			30
					1	2	2	3	5	2			31
	1	2	1	2	7	10	42	68	71	6	3		32
						3	1	2	1				33
	1	3	7	6	2	7	21	5	8				34
				1	4	5	10	5	17	4			35
			1	4	6	8	8	8	17	2	2		36
	1		1	2	3	10	9	9	5				37
		2	7	15	4	9	11	3					38
		4			1	7	3	3					39
	1		2	1	1	7	6	2	3	1			40
4	8	17	27	39	47	127	125	142	17	7			41
	3	3	4	10	6	16	18	16	1				42
		2		1	2	11	5	15	1				43
1	8	5	18	29	30	89	104	100	14	5			44
	2	1	3	2	2	6	8	1					45
3	8	22	14	16	6	29	10	9	1				46

* Including 1 employee at 45 hours.

100 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
FITTING OR STITCHING DEPARTMENT—Continued.												
1	Lining makers—Concord.											
2	New Hampshire.....	9	96	50.6	\$0.249	\$12.56	81		15			
3	New Jersey.....	4	14	54.1	.200	10.80		4		10		
4	New York.....	14	129	50.4	.277	13.94	176	45	8			
5	Ohio.....	9	108	50.0	.219	10.94	108					
6	Pennsylvania.....	9	88	53.3	.201	10.73	15	4	69			
7	Virginia.....	3	18	54.0	.185	10.01			18			
8	Other States.....	6	25	54.4	.184	10.02	2		6	17		
8	Total.....	132	1,138	51.5	.241	12.35	2 669	110	320	33	6	
9	Closers-on, female:											
10	Illinois.....	9	27	52.9	.249	13.07	11	5	6		5	
11	Massachusetts.....	30	81	51.7	.264	13.67	3 46	8	27			
12	Missouri.....	13	59	52.4	.206	10.75	23		36			
13	New York.....	10	63	50.2	.259	12.94	47	26				
14	Pennsylvania.....	8	52	52.8	.199	10.57	14	5	33			
15	Wisconsin.....	4	19	53.9	.222	11.93	4			15		
16	Other States.....	16	50	52.4	.238	12.49	20	3	13	14		
16	Total.....	90	351	52.0	.237	12.28	5 155	47	115	29	5	
17	Top stitchers or under-trimmers, female:											
18	Illinois.....	8	65	53.2	.279	14.63	26	10	15		14	
19	Maine.....	5	70	54.0	.317	17.11			70			
20	Massachusetts.....	52	487	51.4	.305	15.66	280	111	96			
21	Minnesota.....	3	23	53.1	.260	13.83		7	11	5		
22	Missouri.....	13	175	52.6	.222	10.78	59		116			
23	New Hampshire.....	9	151	50.4	.314	15.79	137		14			
24	New Jersey.....	4	15	54.2	.230	12.49		4		11		
25	New York.....	14	164	49.7	.322	15.97	6 116	48				
26	Ohio.....	9	94	50.0	.263	13.14	94					
27	Pennsylvania.....	9	60	53.0	.224	11.63	14	3	43			
28	Virginia.....	3	20	54.0	.273	14.74			20			
29	Wisconsin.....	4	30	54.5	.217	11.85	3			27		
30	Other States.....	2	10	54.0	.190	10.26			10			
30	Total.....	135	1,364	51.6	.285	14.57	6 729	183	395	43	14	
31	Button fasteners, female:											
32	Massachusetts.....	18	26	52.1	.237	12.37	12	4	10			
33	Missouri.....	9	13	53.1	.203	11.04	3		10			
34	New York.....	6	8	49.8	.280	13.79	7 6	2				
35	Ohio.....	6	6	50.0	.262	13.09	6					
36	Pennsylvania.....	8	21	53.8	.203	10.95	1		20			
37	Other States.....	17	28	53.7	.231	12.36	6		14	6	2	
37	Total.....	64	102	52.7	.230	12.06	7 34	6	54	9	2	
38	Buttonhole makers, female:											
39	Illinois.....	8	9	53.1	.220	11.65	4	1	2		2	
40	Massachusetts.....	27	42	51.7	.279	14.43	23	5	14			
41	Missouri.....	8	17	53.3	.234	12.39	3		14			
42	New Hampshire.....	7	8	51.0	.325	16.45	6		2			
43	New Jersey.....	3	5	55.0	.202	11.11				5		
44	New York.....	10	18	50.0	.261	13.01	7 14	4				
45	Ohio.....	5	6	50.0	.230	11.48	6					
46	Pennsylvania.....	7	22	53.6	.254	13.67	2	1	19			
47	Wisconsin.....	3	4	53.8	.228	12.27	1			3		
48	Other States.....	4	9	53.3	.303	16.19		2	7			
48	Total.....	82	140	52.2	.262	13.62	7 59	13	53	8	2	

¹ Including 29 employees at 48 hours.² Including 1 employee at 45 hours and 29 employees at 48 hours.³ Including 1 employee at 45 hours.⁶ Including 19 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	
		3	5	11	7	30	20	15	3	2			1
			3	3	4	5	2						2
1	1	3	3	8	14	28	18	42	10	1			3
	3	10	8	6	8	43	22	8					4
	2	5	13	15	19	17	10	7					5
	3		1	4	3	3	2	1					6
		3	6	1	7	7	1						7
5	30	58	78	107	104	284	220	214	30	8			8
		2	1	2	2	5	9	6					9
1	3	2		6	4	21	17	23	3	1			10
	3	2	12	9	5	14	8	5	1				11
		2	5	3	5	16	17	12	2	1			12
	4	5	11	2	7	11	7	5					13
		1	1	2	4	6	3	2					14
		2	3	8	19	12	6						15
1	10	14	32	27	35	92	73	59	6	2			16
	1	1	3	8	3	13	10	18	8				17
			1	2	3	6	16	31	10	1			18
		3	3	10	20	83	112	211	37	7	1		19
			3	2	5	7	4	2	2				20
1	12	15	12	21	13	43	30	25	2	1			21
		1	6	1	6	26	37	48	20	5	1		22
				1	3	5	5	1					23
1				3	5	24	39	62	23	6	1		24
		2	1	6	11	32	18	16	7	1			25
		1	4	16	6	11	13	8	1				26
				1	4	7	9	1	1	1			27
		1	1	1	5	10	8	1					28
	1		2		3	3	1						29
2	14	24	36	75	78	268	305	426	111	22	3		30
		2	2	3	1	10	3	4	1				31
		2	1	2	3	2	1	2					32
1						2	2	1	2				33
				1		3		2					34
		1	2	4	6	5	2	1					35
	1		3	4	3	10	2	4	1				36
1	1	5	8	14	13	32	10	14	4				37
		1			3	2	1	2					38
	1	1		1	4	11	12	11	2	1			39
			2	3		2	1	4	1				40
				1		3	3	2	2				41
				1	1								42
	1		2			9	2	2	2				43
					1	3	2						44
	1	1			1	8	6	5					45
						2	2						46
						2	4	2	1				47
	1	4	4	8	11	42	33	28	8	1			48

* Including 1 employee at 45 hours and 19 employees at 48 hours.

* Including 66 employees at 48 hours.

* Including 3 employees at 48 hours.

102 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

FITTING OR STITCHING DEPARTMENT—Concluded.

1	Eyeteleers, female:											
2	Massachusetts.....	37	83	51.9	\$0.283	\$14.68	38	23	22			
3	Minnesota.....	3	7	53.6	.285	15.31		1	3	3		
4	Missouri.....	13	34	52.3	.232	12.06	14		20			
5	New Hampshire.....	5	12	50.3	.291	14.67	11		1			
6	New York.....	10	31	50.2	.317	14.42	¹ 18	13				
7	Ohio.....	7	16	50.0	.272	13.58						
8	Pennsylvania.....	5	20	50.7	.198	10.13	16	1	3			
9	Wisconsin.....	4	10	54.0	.223	12.02	2			8		
10	Other States.....	8	10	54.2	.266	14.42			8	2		
11	Total.....	92	223	51.7	.268	13.64	¹ 115	38	57	13		
12	Vampers, male:											
13	Illinois.....	5	37	50.3	.430	21.62	31	6				
14	Maine.....	3	14	55.3	.482	26.73			11			3
15	Massachusetts.....	39	330	51.2	.449	22.95	253	61	49	9	3	
16	Missouri.....	7	20	54.1	.381	20.23	11				9	
17	New Hampshire.....	7	53	50.1	.415	20.84	50			3		
18	New Jersey.....	3	7	53.3	.331	17.62		4		3		
19	New York.....	9	36	50.9	.530	27.04	² 15	18	3			
20	Pennsylvania.....	4	13	57.3	.394	22.65		1	1		11	
21	Other States.....	6	13	54.0	.323	17.46	1		8	4		
22	Total.....	83	573	51.5	.442	22.73	² 366	90	69	22	23	3
23	Vampers, female:											
24	Illinois.....	9	93	53.5	.284	15.14	34	17	18		24	
25	Maine.....	5	87	54.0	.381	20.57			87			
26	Massachusetts.....	51	409	51.5	.339	17.43	245	71	92		1	
27	Minnesota.....	3	41	53.4	.258	13.77		9	18	14		
28	Missouri.....	12	187	52.4	.298	15.55	75		112			
29	New Hampshire.....	9	140	50.3	.362	18.18	129		11			
30	New Jersey.....	3	15	55.0	.249	13.18				15		
31	New York.....	13	171	50.0	.344	17.12	³ 110	61				
32	Ohio.....	9	137	50.0	.253	12.64	137					
33	Pennsylvania.....	9	106	52.6	.243	12.83	35	8	63			
34	Virginia.....	3	28	54.0	.220	11.88			23			
35	Wisconsin.....	4	45	53.7	.302	16.15	12			33		
36	Other States.....	2	18	54.0	.174	9.38			18			
37	Total.....	132	1,477	51.7	.312	16.11	³ 777	166	447	62	25	

LASTING DEPARTMENT.

38	Assemblers, for pulling-over machine, male:											
39	Illinois.....	7	27	52.2	\$0.360	\$18.62	14	6	3		4	
40	Maine.....	5	42	54.3	.448	24.35			39	1		2
41	Massachusetts.....	29	247	51.4	.463	23.67	156	38	37	15	1	
42	Minnesota.....	3	12	54.8	.385	21.07			3	9		
43	Missouri.....	12	112	53.4	.338	17.85	44		46		22	
44	New Hampshire.....	9	45	50.9	.380	19.33	39			3	3	
45	New Jersey.....	3	16	53.5	.356	19.50		8		8		
46	New York.....	11	85	50.1	.373	18.73	⁴ 53	32		1		
47	Ohio.....	9	57	57.2	.429	24.57				26	31	
48	Pennsylvania.....	6	38	54.1	.292	15.78		3	31	4		
49	Virginia.....	3	15	54.0	.329	17.77			15			
50	Wisconsin.....	3	22	54.5	.294	16.07	4			16	2	
51	Other States.....	2	7	55.0	.257	14.15				7		
52	Total.....	102	726	52.6	.398	20.85	⁴ 310	87	174	90	63	2

¹ Including 10 employees at 48 hours.² Including 12 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

FITTING OR STITCHING DEPARTMENT—Concluded.

		2	3	4	3	18	21	25	4	3			1
	1		1			1	2	1			1		2
		3	6	1	4	4	9	7					3
					2	2	4	3	1				4
			1		1	2	10	14	2	2			5
	1				1	4	4	5	1				6
			5	10	2			1	2				7
			2		2	2	3	1					8
			1			4	3	1	1				9
2	5	19	17	13	37	56	58	10	5	1			10
						1	3	12	10	10	1		11
							1	4	2	4	3		12
					3	7	16	97	147	71	31	8	13
						2	5	6	3	2	2		14
						2	2	19	19	10	1		15
							2	4	1				16
								8		13	2	5	17
					1		5	5	5	1			18
					2	3	6	2	2				19
					4	14	33	161	197	111	40	13	20
	1	1		3	10	20	17	33	8				21
						3	14	39	22	8	1		22
		2	1	4	7	43	79	181	74	14	4		23
	1		4	2	4	9	10	9	2				24
		1	4	2	8	54	27	67	22	2			25
				1	3	18	23	54	25	13	3		26
	1	2				6	3	3					27
		2	1		2	15	24	73	46	7	1		28
			5	8	17	44	39	21	2		1		29
	2	1	6	12	18	22	21	17	7				30
			2	4	4	12	4	2					31
		1	1		1	10	16	11	5	1			32
	1	4	4	3	1	4	1						33
6	13	28	39	75	260	278	510	213	45	10			34

LASTING DEPARTMENT.

				1	2	4	1	7	11	1			35
							1	10	18	9	2		36
		1		1	1	11	15	46	74	69	18	11	37
							2		6		1		38
		1		7	11	14	12	30	22	14	1		39
						3	1	23	16	1	1		40
							2	7	6				41
						1	4	8	48	19	2		42
					1	2	9	14	14	10	4	1	43
						8	15	12	3				44
						3		8	2				45
						6	7	7					46
						4	1	2		1			47
		2		10	17	63	77	214	191	107	33	12	48

³ Including 58 employees at 48 hours.⁴ Including 34 employees at 48 hours.

104 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LASTING DEPARTMENT—Continued.												
	Pullers-over, hand, male:											
1	Illinois.....	2	79	50.0	\$0.480	\$23.98	79					
2	Massachusetts.....	16	169	50.6	.531	26.72	135	34				
3	Missouri.....	2	10	52.0	.422	21.79	5		5			
4	Ohio.....	4	20	55.4	.462	25.68				18	2	
5	Pennsylvania.....	4	41	56.7	.364	20.61		2	5	8	26	
6	Other States.....	7	25	53.8	.361	19.30	2	5	5	13		
7	Total.....	35	344	51.7	.478	24.62	221	41	15	39	28	
	Pullers-over, machine, male:											
8	Illinois.....	9	32	53.4	.407	21.48	13	6	4		9	
9	Maine.....	5	53	54.4	.525	28.58			49	1		3
10	Massachusetts.....	44	216	51.4	.569	29.12	137	32	31	12	4	
11	Minnesota.....	3	15	54.7	.477	26.11			4	11		
12	Missouri.....	12	67	54.5	.430	23.15	22		20		25	
13	New Hampshire.....	9	62	50.5	.518	26.07	57			4	1	
14	New York.....	14	64	50.3	.527	26.56	140	20		4		
15	Ohio.....	9	39	56.6	.533	30.23				23	10	
16	Pennsylvania.....	6	22	54.3	.380	20.66		1	15	6		
17	Wisconsin.....	4	19	54.2	.402	21.71	4			14	1	
18	Other States.....	9	23	54.4	.468	25.43		1	11	11		
19	Total.....	124	612	52.6	.512	26.77	1273	60	134	85	56	3
	Side lasters, hand, male:											
20	Illinois.....	3	31	51.1	.378	19.34	17	11	3			
21	Massachusetts.....	15	240	51.1	.465	23.68	164	76				
22	New York.....	7	40	53.2	.470	25.04		27		13		
23	Pennsylvania.....	5	24	55.6	.320	17.82			13	2	9	
24	Other States.....	13	59	53.2	.397	21.17	21		10	26	2	
25	Total.....	43	394	51.9	.440	22.74	202	114	26	41	11	
	Side lasters, machine, male:											
26	Massachusetts.....	15	74	50.9	.500	28.52	55	6	12	1		
27	Missouri.....	8	34	55.5	.395	21.65	10		6		18	
28	New Hampshire.....	5	44	50.3	.419	21.03	41			3		
29	New York.....	8	61	49.8	.469	23.39	244	17				
30	Ohio.....	5	21	56.0	.471	26.75				16	5	
31	Other States.....	16	58	54.7	.429	23.47	4	3	23	21	4	3
32	Total.....	57	292	52.2	.468	24.35	2154	26	41	41	27	3
	Bed-machine operators, male:											
33	Illinois.....	10	106	51.2	.455	23.18	77	16	4		9	
34	Maine.....	5	62	54.4	.558	30.40			57	1		4
35	Massachusetts.....	34	564	51.1	.539	27.45	385	106	67	6		
36	Minnesota.....	3	28	54.8	.459	25.10				21		
37	Missouri.....	8	94	55.7	.411	22.67	25		17		52	
38	New Hampshire.....	6	136	50.2	.492	24.65	130			6		
39	New Jersey.....	3	12	53.8	.472	25.34		5		7		
40	New York.....	12	126	50.8	.482	24.56	865	53		8		
41	Ohio.....	6	67	56.3	.534	30.13				45	22	
42	Pennsylvania.....	8	48	54.8	.377	20.83		5	27	6	10	
43	Virginia.....	3	15	54.0	.511	27.59			15			
44	Wisconsin.....	4	32	54.0	.415	22.37	8			22	2	
45	Other States.....	2	13	55.0	.433	23.82				13		
46	Total.....	104	1,303	52.1	.500	25.98	3690	185	194	135	95	4

¹ Including 20 employees at 48 hours.² Including 23 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	
							1	10	42	22	4		1
						2	2	21	50	49	29	16	2
						1	1	1	5	2			3
						2	2	2	4	6	4		4
						3	6	17	8	3	2		5
						2	2	12	3	2	1		6
													7
					7	11	11	63	112	84	40	16	
													8
				1		2	1	9	13	6			9
								4	19	20	7	3	10
			2			1	2	23	48	56	38	46	11
								5	3	3	2	1	12
			3			4	3	23	13	11	10		13
						2	3	9	13	19	10	6	14
								7	15	30	7	5	15
			1					12	5	5	9	7	16
						1		15	6				17
								9	9	1			18
						1		5	10	3	3	1	19
			3	4		11	10	121	154	154	86	69	
													20
						3	8	9	6	3	2		21
			2			5	11	54	72	68	22	6	22
								3	10	11	2	2	23
						5	4	13	2				24
						1	8	27	12	8	2	1	
			2			14	34	113	104	90	28	9	25
													26
						1	1	2	15	34	11	10	27
				1		2	3	15	7	5	1		28
						3	4	13	15	5	4		29
						4	1	14	13	21	8		30
								6	7	5	3		
						4	5	18	10	16	4	1	31
													32
			1			14	14	68	67	86	31	11	
													33
			1		1	2	4	17	43	37	1		34
								5	15	14	20	6	35
				1	1	2	15	49	143	208	85	60	36
								6	12	9			37
			1			2	4	31	35	14	3		38
								17	31	46	15	2	39
						2	3	5	3	2	2		40
			1				1	9	14	40	16	2	41
								1	8	13	14	5	42
								12	20	10	3		43
									7	7	1		44
					1	3		8	14	6			45
								7	2	2	2		
			2	1	1	5	15	50	187	388	417	162	75

* Including 25 employees at 48 hours.

106 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

LASTING DEPARTMENT—Concluded.

Hand-method lasting-machine operators, male:												
1	Maine.....	3	37	54.2	\$0.505	\$27.33	.....	.....	35	1	.....	1
2	Massachusetts.....	26	163	52.0	.514	26.79	98	8	23	25	9	.....
3	Missouri.....	7	76	52.9	.440	23.11	32	.....	34	.....	10	.....
4	Ohio.....	7	43	56.9	.451	25.75	.....	.....	.....	23	20	.....
5	Other States.....	16	92	52.2	.455	23.43	149	2	6	17	18	.....
6	Total.....	59	411	52.9	.479	25.22	1179	10	98	66	57	1
Turn lasters, hand, male:												
7	Massachusetts.....	8	239	53.2	.492	26.11	73	36	9	121	.....	.....
8	Missouri.....	3	65	52.3	.460	24.09	27	.....	38	.....	.....	.....
9	New Jersey.....	2	29	55.0	.402	22.13	.....	.....	.....	29	.....	.....
10	New York.....	10	187	52.2	.465	24.27	32	129	.....	26	.....	.....
11	Ohio.....	3	60	56.9	.485	27.47	.....	.....	.....	32	28	.....
12	Pennsylvania.....	5	143	55.7	.389	21.72	.....	.....	23	79	41	.....
13	Other States.....	4	29	54.9	.351	19.27	.....	.....	3	26	.....	.....
14	Total.....	35	752	53.8	.453	24.34	132	165	73	313	66	.....
Turn sewers, male:												
15	Massachusetts.....	8	22	52.9	.559	29.45	8	4	1	9	.....	.....
16	New York.....	6	12	51.3	.560	28.81	6	5	.....	1	.....	.....
17	Pennsylvania.....	4	23	55.3	.412	22.85	.....	.....	5	14	4	.....
18	Other States.....	7	10	54.5	.503	27.28	2	.....	3	3	2	.....
19	Total.....	25	67	53.7	.500	26.75	16	9	9	27	6	.....

BOTTOMING DEPARTMENT.

Goodyear welters, male:												
20	Illinois.....	7	31	50.9	\$0.645	\$32.62	22	6	2	.....	1	.....
21	Maine.....	5	20	54.7	.598	32.73	.....	.....	17	1	.....	2
22	Massachusetts.....	29	222	51.2	.661	33.77	150	43	20	9	.....	.....
23	Minnesota.....	3	9	54.7	.574	31.41	.....	.....	3	6	.....	.....
24	Missouri.....	7	26	55.8	.517	28.45	7	.....	4	.....	15	.....
25	New Hampshire.....	6	47	50.2	.565	28.32	45	.....	.....	2	.....	.....
26	New York.....	10	30	52.2	.691	36.18	5	22	.....	3	.....	.....
27	Ohio.....	6	26	56.2	.565	31.70	.....	1	.....	18	8	.....
28	Pennsylvania.....	8	24	55.1	.594	32.81	.....	.....	13	4	6	.....
29	Other States.....	12	34	54.4	.505	27.34	3	2	8	19	2	.....
30	Total.....	93	469	52.3	.620	32.29	232	74	67	62	32	2
Rough rounders, male:												
31	Illinois.....	7	22	51.4	.703	35.64	15	4	1	.....	2	.....
32	Massachusetts.....	31	108	50.9	.673	34.23	79	14	10	5	.....	.....
33	Missouri.....	10	25	55.1	.483	26.27	7	.....	7	.....	11	.....
34	New Hampshire.....	6	35	50.3	.548	27.45	31	.....	.....	2	.....	.....
35	New York.....	10	21	52.4	.610	32.13	3	15	.....	.....	.....	.....
36	Ohio.....	6	18	56.3	.519	29.09	.....	.....	.....	12	6	.....
37	Pennsylvania.....	8	20	54.9	.449	40.70	.....	1	12	3	4	.....
38	Other States.....	19	38	54.3	.514	27.92	3	2	15	16	1	1
39	Total.....	97	285	52.4	.593	31.99	138	36	45	41	24	1
Goodyear stitchers, male:												
40	Illinois.....	8	49	51.6	.530	27.06	33	7	3	.....	6	.....
41	Maine.....	5	26	54.5	.511	27.94	.....	.....	23	1	.....	2
42	Massachusetts.....	34	286	51.1	.592	30.24	196	48	29	13	.....	.....
43	Minnesota.....	3	11	54.7	.483	26.46	.....	.....	3	8	.....	.....

1 Including 38 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

LASTING DEPARTMENT—Concluded.

								3	15	17	2		1
		1	1		1		5	27	58	27	17	26	2
						1		25	35	12	3		3
								15	16	5	4	1	4
					1	1	4	26	25	22	11	2	5
		1	1		2	2	11	96	149	83	37	29	6
						6	6	34	78	71	34	10	7
						2	2	19	26	13	3	2	8
						1	3	9	11	5			9
1				1	1	5	14	40	56	59	17	5	10
							11	10	21	19	3	3	11
					3	8	10	77	28	8	5	4	12
			2			4	4	5	13	1			13
1			2	1	4	24	40	194	233	167	62	24	14
							2		7	5	4	4	15
								1	3	3	3	2	16
						1	2	14	1	3	1	1	17
								2	5	1		2	18
						1	4	17	16	12	8	9	19

BOTTOMING DEPARTMENT.

						1	5	8	2	2		16	20
								2	8	9		1	21
						1	13	25	34	59		50	22
								3	1	3		2	23
						1		11	3	3		5	24
								7	8	12	11	9	25
						1	1	3	6	8		11	26
						1	1	5	9	6		4	27
								3	2	9		3	28
						1	2	6	9	5	7	4	29
						2	6	36	76	87	117	145	30
						2			2	3		13	31
								6	8	24	26	44	32
						1		9	6	2	5	2	33
								3	8	10	10	5	34
								2	4	7	3	5	35
						2		1	7	2	2	4	36
								7	6	1			37
								8	9	12	6	3	38
						3	2	36	50	65	56	73	39
					1		4	6	3	23	6	6	40
								3	9	12	1	1	41
				1			1	21	56	81	51	75	42
							2	2	2	2	2	1	43

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
BOTTOMING DEPARTMENT—Continued.												
	Goodyear stitchers, male—Concluded.											
1	Missouri.....	11	60	55.7	\$0.410	\$22.49	13		16		31	
2	New Hampshire.....	6	79	50.3	.474	23.79	75			4		
3	New York.....	10	50	52.0	.551	28.76	11	35				
4	Ohio.....	7	37	56.1	.460	25.85				27	10	
5	Pennsylvania.....	9	41	55.1	.458	25.25		2	19	11	9	
6	Wisconsin.....	4	17	54.0	.429	23.11	5			10	2	
7	Other States.....	8	24	54.2	.492	26.63		3	10	11		
8	Total.....	105	680	52.4	.527	27.47	333	95	103	89	58	2
	McKay sewers, male:											
9	Maine.....	3	35	54.1	.450	24.31			33	2		
10	Massachusetts.....	26	77	52.0	.470	24.26	42	12	13	8	2	
11	Missouri.....	5	25	52.7	.420	21.85	12		10		3	
12	New Hampshire.....	4	14	52.7	.450	23.49	8			4	2	
13	New York.....	5	19	49.4	.524	25.84	115	4				
14	Ohio.....	7	15	56.6	.376	21.29				9	6	
15	Other States.....	12	18	55.8	.378	21.08			6	7	5	
16	Total.....	62	203	52.9	.449	23.56	177	16	62	30	18	
	Heelers, male:											
17	Illinois.....	10	28	52.4	.545	28.14	15	5	3		5	
18	Maine.....	5	29	54.2	.513	27.85			27	1		1
19	Massachusetts.....	52	153	51.8	.527	27.19	85	27	21	17	3	
20	Missouri.....	13	42	54.2	.458	24.51	14		15		13	
21	New Hampshire.....	9	33	51.0	.476	24.19	27			5	1	
22	New York.....	14	47	50.8	.551	28.09	223	21		3		
23	Ohio.....	9	29	56.0	.441	24.67				23	7	
24	Pennsylvania.....	9	23	55.5	.426	23.78		1	8	7	7	
25	Wisconsin.....	4	14	54.6	.419	22.80	2			11	1	
26	Other States.....	12	21	54.6	.493	26.87		1	6	14		
27	Total.....	137	419	52.8	.502	26.37	2166	55	80	89	37	1
	Heelers, wood, male:											
28	Massachusetts.....	6	77	54.2	.500	27.11	1	32	9	35		
29	Missouri.....	4	47	49.9	.552	27.54	47					
30	New York.....	2	36	52.4	.514	26.95		36				
31	Pennsylvania.....	3	81	57.1	.385	21.97			18		63	
32	Other States.....	3	7	54.4	.578	31.45			4	3		
33	Total.....	18	248	54.1	.477	25.61	48	68	31	38	63	
	Heel trimmers or shavers, male:											
34	Illinois.....	9	28	52.3	.538	27.58	18	3	1		6	
35	Maine.....	5	22	54.3	.527	28.62			20	1		1
36	Massachusetts.....	48	132	51.6	.586	30.19	77	28	15	10	2	
37	Missouri.....	12	32	53.3	.440	23.33	14		11		7	
38	New Hampshire.....	9	25	51.2	.500	25.47	20			4	1	
39	New York.....	13	38	50.9	.680	34.77	318	17		3		
40	Ohio.....	9	21	56.0	.482	26.98				16	5	
41	Pennsylvania.....	9	27	55.0	.325	17.90		1	8	15	3	
42	Other States.....	14	25	54.4	.483	26.23	2	1	6	15	1	
43	Total.....	128	350	52.6	.535	27.99	2149	50	61	64	25	1
	Heel breasters, male:											
44	Massachusetts.....	45	84	51.9	.472	24.39	46	19	7	9	3	
45	Missouri.....	9	20	54.2	.321	17.16	8		5		7	
46	New Hampshire.....	9	15	51.3	.353	18.01	12			2	1	
47	New York.....	11	23	51.0	.475	24.36	410	12		1		
48	Ohio.....	7	15	50.1	.377	21.13				11	4	

¹Including 8 employees at 48 hours.²Including 11 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

BOTTOMING DEPARTMENT—Continued.

					2	5	11	14	13	9	4	2	1
					1		1	19	24	30	5		2
							2	9	7	10	12	9	3
						1		5	18	11	2		4
						2	3	8	11	12	4	1	5
								4	13				6
								4	9	9	2		7
				1	4	8	24	95	165	199	82	85	8
							2	13	7	10	3		9
							3	21	20	15	4	10	10
	1					3	1	8	8	2	2	1	11
							1	2	9	1	1		12
								1	5	9	4		13
							1	8					14
							2	11	4	1			15
		1				6	10	64	59	38	14	11	16
						2		5	2	10	3	6	17
							2	1	10	10	4	2	18
	1	2				2	6	26	40	30	16	30	19
					1	2		13	10	9	6	1	20
							1	9	7	6	6		21
								5	19	8	6	8	22
						1		10	7	6	4		23
						2	5	6	3	5		2	24
				1				7	2	3	1		25
						1		8	3	3	2	4	26
	1	2	1		1	11	15	90	105	91	48	54	27
					1	1	5	11	19	25	10	5	28
							1	14	7	8	5	12	29
								9	7	15	4	1	30
					3	1	5	12	25	9	3	1	31
								2		3		2	32
					3	2	6	18	61	55	60	22	33
				1		2		3	3	2	9	6	34
								1	7	8	3	2	35
								3	11	34	28	32	36
								10	13	2	5		37
									9	9			38
								3	3	12	9	14	39
								1	3	11	1	2	40
	2					6		8	2	3		1	41
								4	13	4	3	1	42
	2				1		8	15	43	95	66	58	43
	1		1		2	2	6	18	19	22	7	6	44
						4		9	3	1			45
					1	2	3	4	3	2			46
						2	3	3	5	4	4	2	47
					1	2	1	5	4	1	1		48

* Including 10 employees at 48 hours.

* Including 5 employees at 48 hours.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
BOTTOMING DEPARTMENT—Continued.												
1	Heel breasters, male—											
2	Concluded.											
	Pennsylvania.....	9	19	55.1	\$0.311	\$17.18		1	6	9	3	
	Other States.....	23	42	53.6	.383	20.59	9	4	15	11	1	2
3	Total.....	113	218	52.9	.412	21.70	1 85	35	33	43	19	2
4	Edge trimmers, male:											
5	Illinois.....	10	60	52.4	.527	27.15	35	9	4		12	
6	Maine.....	5	54	54.5	.526	28.62			48	2		4
7	Massachusetts.....	54	451	51.6	.584	30.01	271	72	63	39	6	
8	Missouri.....	13	91	54.2	.478	25.60	32		30		29	
9	New Hampshire.....	9	88	50.7	.539	27.21	77			9	2	
10	New Jersey.....	4	7	54.6	.577	31.34		1		6		
11	New York.....	13	95	50.7	.606	30.77	2 45	46		4		
12	Ohio.....	9	68	56.0	.465	26.08				51	17	
13	Pennsylvania.....	9	44	55.0	.416	22.98		2	24	9	9	
14	Virginia.....	3	15	54.0	.454	24.50			15			
15	Wisconsin.....	4	20	54.4	.510	27.73	4			14	2	
	Other States.....	5	22	54.8	.486	26.64			4	18		
16	Total.....	138	1,015	52.5	.545	28.44	2 464	130	188	152	77	4
17	Edge setters, male:											
18	Illinois.....	10	60	52.0	.511	26.36	38	8	4		10	
19	Maine.....	5	34	54.6	.507	27.66			30	1		3
20	Massachusetts.....	54	398	51.7	.572	29.41	213	71	45	34	5	
21	Minnesota.....	3	15	54.7	.435	23.79			4	11		
22	Missouri.....	13	86	53.8	.458	24.52	32		31		23	
23	New Hampshire.....	9	65	50.5	.485	24.45	59			5	1	
24	New Jersey.....	4	15	54.4	.385	21.55		3		12		
25	New York.....	14	107	51.3	.577	29.68	8 41	57		9		
26	Ohio.....	8	72	56.1	.480	26.97				52	20	
27	Pennsylvania.....	9	64	55.4	.474	26.35		1	26	20	17	
28	Virginia.....	3	13	54.0	.453	24.47			13			
29	Wisconsin.....	4	16	54.6	.419	22.89	2			13	1	
	Other States.....	2	9	55.0	.444	24.42				9		
30	Total.....	138	924	52.7	.525	27.57	3 385	140	153	166	77	3
31	Heel scourers, male:											
32	Illinois.....	10	29	52.7	.425	22.05	15	4	4		6	
33	Maine.....	5	27	54.5	.472	25.70			21	1		2
34	Massachusetts.....	47	163	51.7	.498	25.68	94	28	25	13	3	
35	Minnesota.....	3	9	54.8	.466	25.53			2	7		
36	Missouri.....	13	61	54.1	.340	18.19	22		20		19	
37	New Hampshire.....	8	39	50.4	.383	19.27	36			3		
38	New York.....	13	55	50.5	.507	25.56	4 28	24		3		
39	Ohio.....	9	35	55.9	.373	20.91				27	8	
40	Pennsylvania.....	9	25	55.3	.351	19.53		1	11	7	6	
41	Wisconsin.....	4	13	54.2	.327	17.64	3			9	1	
	Other States.....	8	14	54.4	.392	21.99		1	6	7		
42	Total.....	129	470	52.7	.438	22.92	4 198	58	92	77	43	2
43	Heel burnishers, male:											
44	Illinois.....	9	19	52.4	.456	23.43	11	3	1		4	
45	Maine.....	4	11	54.5	.461	25.07			10			1
46	Massachusetts.....	50	134	51.6	.487	25.01	83	15	16	17	3	
47	Missouri.....	12	35	54.0	.349	18.68	12		13		10	
48	New Hampshire.....	9	25	51.2	.389	19.86	20				1	
49	New York.....	14	29	51.0	.472	24.11	5 13	14		2		
50	Ohio.....	8	28	56.4	.348	19.70				18	10	
51	Pennsylvania.....	8	15	55.2	.372	20.71		1	7	3	4	
52	Wisconsin.....	4	10	54.4	.326	17.68	2			7	1	
	Other States.....	10	19	54.3	.391	21.23		1	10	8		
53	Total.....	128	325	52.8	.433	22.66	5 141	34	57	59	33	1

1 Including 5 employees at 48 hours.

2 Including 26 employees at 48 hours.

3 Including 16 employees at 48 hours.

4 Including 18 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

BOTTOMING DEPARTMENT—Continued.

					3	7	3	3	1			2	1
					1	3	4	17	1	7	1		2
	1		1		9	22	22	59	44	37	13	10	3
						1	7	9	12	9	11	11	4
					1		5	11	10	11	17	4	5
1		1	1		1	5	5	52	76	61	118	100	6
						3	4	21	28	17	15	3	7
								14	18	31	18	7	3
							1	1	2	2	1	2	9
						2		1	11	37	32	12	10
							2	21	19	22	4		11
					1		1	23	10	6	2	1	12
								2	9	4			13
								1	10	6	2	1	14
								7	6	5	2	2	15
1		1	1		3	11	20	162	210	241	222	143	16
							1	14	13	12	18	2	17
						1	1	12	18	3			18
					1	2	9	38	75	100	72	71	19
					1			5	5	2	2		20
					1	2	7	19	24	18	15		21
							1	16	24	14		6	22
							2	4	2	5	1	1	23
							3	8	22	34	18	22	24
								23	20	18	9	2	25
					1	1	1	21	13	15	10	2	26
								1	11				27
							1	3	11	1			28
								2	6	1			29
					4	5	26	154	238	239	152	106	30
				1	1	5	1	4	8	6	2	1	31
								9	7	7	3	1	32
	1		1				8	36	43	30	32	12	33
								3	2	3	1		34
				2	1	12	9	21	10	5	1		35
					1	1	3	19	12	4			36
						1	1	10	15	17	11	1	37
					1	3	3	18	5	4	1		38
					1	4	8	6	3	3		1	39
					1	1	1	5	4				40
							3	5	4	1	1		41
	2		4		4	26	37	136	113	80	52	16	42
					1	2	1	5	4	1	1	3	43
							1	2	3	5			44
				2	4	10	10	22	31	39	16	10	45
				1	2	4	6	9	10	3			46
						5	2	6	9	2		1	47
						1	1	6	10	7	4		48
				1	3	3	3	12	8	1			49
						1	4	6		3	1		50
						2	8						51
					1	2	8	5	2	2	1		52
	1	1	3	3	21	32	84	80	63	23	14	53	

* Including 6 employees at 48 hours.

112 WAGES AND HOURS OF LABOR, 1907 TO 1918—BOOTS AND SHOES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.

BOTTOMING DEPARTMENT—Concluded.

1	Buffers, male:											
2	Illinois.....	10	34	52.6	\$0.414	\$21.56	17	7	3	2	7	1
3	Maine.....	4	26	54.3	.517	28.08			23	2		
4	Massachusetts.....	51	183	51.8	.464	23.94	104	32	19	21	7	
5	Missouri.....	13	42	54.5	.342	18.54	12		16		14	
6	New Hampshire.....	9	49	50.7	.395	20.04	43			5	1	
7	New York.....	13	48	50.5	.486	24.45	1 28	16		4		
8	Ohio.....	7	19	55.8	.425	23.69				15	4	
9	Pennsylvania.....	8	40	55.0	.288	15.92		3	9	22	6	
10	Other States.....	14	35	54.9	.367	20.12	1	1	9	21	3	
10	Total.....	129	476	52.7	.424	22.20	1 205	59	79	90	42	1

FINISHING DEPARTMENT.

11	Treers or ironers, hand, male:											
12	Illinois.....	7	94	50.8	\$0.414	\$20.92	70	18	3		3	
13	Maine.....	4	60	54.4	.400	21.83			54	2		4
14	Massachusetts.....	49	602	51.5	.442	22.67	367	145	41	45	4	
15	Minnesota.....	3	21	54.8	.371	20.31			5	16		
16	Missouri.....	11	103	53.1	.321	16.87	56		21		26	
17	New Hampshire.....	7	67	51.2	.423	21.56	53			12	2	
18	New York.....	10	37	51.3	.399	20.43	2 21	34		2		
19	Ohio.....	7	66	56.6	.327	18.46	1			38	27	
20	Pennsylvania.....	6	32	55.3	.317	17.54			13	13	6	
21	Virginia.....	3	17	54.0	.465	25.12			17			
22	Wisconsin.....	4	23	54.8	.345	18.90	4			15	4	
23	Other States.....	4	30	54.6	.373	20.28		4		26		
23	Total.....	115	1,172	52.3	.409	21.28	2 572	201	154	169	72	4
24	Treers or ironers, hand, female:											
25	New York.....	4	29	50.8	.267	13.52	17	12				
26	Ohio.....	4	41	51.2	.219	11.23	31			10		
27	Other States.....	23	141	54.4	.228	12.29	18	4	75	20	24	
27	Total.....	31	211	53.3	.232	12.25	66	16	75	30	24	
28	Treers or ironers, machine, male:											
29	Massachusetts.....	9	91	51.7	.383	19.69	51	13	27			
30	Missouri.....	4	34	58.1	.284	16.45			6		28	
31	New Hampshire.....	4	40	50.0	.376	18.79	40					
32	Other States.....	6	50	52.4	.412	21.19	2 21	3	13	1	12	
32	Total.....	23	215	52.5	.373	19.36	2 112	16	46	1	40	

1 Including 17 employees at 48 hours.

2 Including 9 employees at 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Continued.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	

BOTTOMING DEPARTMENT—Concluded.

					1	5		10	9	5	4		1
					1			2	7	11	5		2
						3	8	61	41	41	20	9	3
					1	4		21	7	1			4
						3	3	16	20	5			5
			1			4	2	9	10	13	9	1	6
						1	3	3	7	5			7
			3	1	4	2	8	14	3			1	8
						1	5	17	7	5			9
		3	2	4	5	29	33	153	111	86	39	11	10

FINISHING DEPARTMENT.

			1	2	2	5	7	22	30	24	1		11
						1	3	30	22	4			12
			2		2	9	38	152	218	150	26	5	13
							1	17		3			14
	1	1		2	7	10	16	47	11	4	1	1	15
						1	5	17	36	8			16
						2	12	20	12	7	3	1	17
		2	1	4	5	17	24	10	3				18
				1	8	6	12	5					19
						1	4	6		4	2		20
						3	2	11	7				21
		1				3	3	14	3	3	3		22
1	1		8	5	16	47	111	370	390	210	36	7	23
		2		1	1	5	11	9					24
			1	4	9	18	9						25
1	3	7	10	14	23	40	20	14	8	1			26
?	5	7	11	19	33	63	40	23	8	1			27
							19	39	24	5	4		28
					2	9	8	14	1				29
						5	6	15	8	5		1	30
						1	9	21	6	6	7		31
					2	15	42	89	39	16	11	1	32

* Including 21 employees at 48 hours.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
WEEKLY EARNINGS, BY

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
OTHER EMPLOYEES (ALL DEPARTMENTS).												
Male:												
1	Illinois.....	10	1,179	52.8	\$0.296	\$15.47	¹ 607	202	113	1	246	² 10
2	Maine.....	5	1,198	54.5	.345	18.82	³ 2		1,094	30	1	² 71
3	Massachusetts.....	55	8,671	51.7	.348	17.93	⁴ 5,053	1,602	1,282	568	100	⁵ 66
4	Michigan.....	2	165	56.3	.284	15.99				127	30	⁶ 8
5	Minnesota.....	3	336	55.0	.322	17.75			75	248		⁷ 13
6	Missouri.....	15	2,510	54.0	.293	15.70	⁸ 960	4	878		612	⁹ 56
7	New Hampshire.....	10	2,347	50.6	.338	17.08	¹⁰ 2,161		1	143	33	¹¹ 9
8	New Jersey.....	4	253	55.0	.284	15.15	³ 1	1		249	1	¹¹ 1
9	New York.....	14	2,773	51.2	.354	18.12	¹² 1,270	1,334	3	141	1	¹² 24
10	Ohio.....	9	1,837	56.7	.297	16.86	8		49	1,108	544	¹⁴ 123
11	Pennsylvania.....	9	1,241	55.2	.266	14.74	⁸ 3	48	499	423	262	¹⁵ 6
12	Virginia.....	3	390	54.4	.291	15.84			385			¹¹ 5
13	Wisconsin.....	4	424	54.1	.282	15.21	¹⁶ 88		14	292	29	¹¹ 1
14	Total.....	143	23,324	52.7	.327	17.17	¹⁷ 10,153	3,191	4,393	3,330	1,859	¹⁸ 398
Female:												
15	Illinois.....	10	895	53.4	.192	10.21	¹⁹ 377	119	158	241		
16	Maine.....	5	823	54.0	.274	14.81			823			
17	Massachusetts.....	55	6,150	51.5	.245	12.55	²⁰ 3,440	1,424	1,286			
18	Michigan.....	2	125	54.0	.157	8.47			125			
19	Minnesota.....	3	224	53.4	.198	10.59		47	108	69		
20	Missouri.....	14	1,957	52.2	.187	9.72	²¹ 870		1,087			
21	New Hampshire.....	10	1,171	50.3	.266	13.37	²¹ 1,071		100			
22	New Jersey.....	4	199	54.5	.184	10.02		35		164		
23	New York.....	14	1,515	50.5	.251	12.58	²² 839	676				
24	Ohio.....	9	1,348	50.0	.203	10.14	²³ 1,348					
25	Pennsylvania.....	9	962	53.3	.180	9.63	159	26	777			
26	Virginia.....	3	307	54.0	.176	9.50			307			
27	Wisconsin.....	4	331	54.5	.184	10.04	32			299		
28	Total.....	142	16,067	51.8	.226	11.67	²⁴ 8,136	2,327	4,771	773		

¹ Including 4 employees at 48 hours and 1 employee under 48 hours.² Including 8 employees over 60 hours.³ Under 48 hours.⁴ Including 136 employees at 48 hours and 168 under 48 hours.⁵ Including 61 employees over 60 hours.⁶ Including 3 employees over 60 hours.⁷ Including 1 employee over 60 hours.⁸ Including 8 employees at 48 hours.⁹ Including 24 employees over 60 hours.¹⁰ Including 4 employees at 48 hours and 2 under 48 hours.¹¹ Over 60 hours.¹² Including 447 employees at 48 hours and 10 under 48 hours.

AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME STATES, 1918—Concluded.

Employees whose rates of wages per hour were—													Line No.
Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cts. and over.	
7	26	44	70	70	91	210	176	282	104	48	18	33	1
1	6	3	6	12	46	235	194	346	203	99	35	12	2
21	43	123	192	259	249	1,100	1,406	2,652	1,439	710	299	178	3
.....	2	4	12	21	3	30	30	36	17	3	5	2	4
.....	2	6	21	18	24	49	50	87	41	22	12	4	5
13	56	77	105	119	201	513	354	642	230	126	39	35	6
11	19	22	33	43	59	312	426	811	412	149	35	15	7
.....	4	3	15	21	11	46	60	60	24	5	1	3	8
11	12	29	58	86	118	339	378	793	570	249	88	42	9
2	17	54	86	84	99	371	390	538	183	57	22	4	10
9	21	58	93	98	113	249	225	235	82	38	16	4	11
7	15	19	16	17	29	75	48	89	49	11	9	6	12
1	5	26	25	26	8	72	77	125	41	7	10	1	13
83	228	468	732	874	1,051	3,601	3,744	6,696	3,395	1,524	589	339	14
30	98	78	89	127	94	204	107	60	8	.....	.....	.....	15
2	4	17	23	65	53	170	175	260	47	.....	.....	.....	16
57	109	240	375	497	534	1,787	1,064	1,219	200	57	8	3	17
2	22	20	29	20	8	18	6	.....	.....	.....	.....	.....	18
.....	17	32	42	26	20	35	28	19	5	.....	.....	.....	19
42	179	248	305	267	235	347	176	141	14	3	.....	.....	20
30	20	33	43	50	56	331	269	240	74	18	5	2	21
5	8	17	47	41	25	38	14	3	.....	.....	1	.....	22
11	26	69	117	155	172	290	277	291	82	20	2	3	23
14	26	108	203	167	247	319	156	92	9	5	1	1	24
16	57	148	242	141	93	136	62	56	11	.....	.....	.....	25
10	38	63	39	39	33	56	15	13	.....	1	.....	.....	26
7	16	43	54	53	38	74	31	11	4	.....	.....	.....	27
226	620	1,116	1,608	1,648	1,608	3,805	2,380	2,405	454	111	17	9	28

¹³ Including 18 employees over 60 hours.¹⁴ Including 20 employees over 60 hours.¹⁵ Including 5 employees over 60 hours.¹⁶ Including 9 employees at 48 hours and 2 under 48 hours.¹⁷ Including 608 employees at 48 hours and 189 under 48 hours.¹⁸ Including 164 employees over 60 hours.¹⁹ Including 3 employees at 48 hours and 2 under 48 hours.²⁰ Including 52 employees at 48 hours and 80 under 48 hours.²¹ Including 1 employee at 48 hours.²² Including 246 employees at 48 hours and 7 under 48 hours.²³ Including 13 employees at 48 hours.²⁴ Including 316 employees at 48 hours and 9 under 48 hours.

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918.

[This table does not include data from 7 establishments having biweekly pay rolls.]

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amt actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.

CUTTING DEPARTMENT.

1	Cutters, vamp and whole shoe, hand, male:												
2	Illinois.....	6	142	50.5	48.3	\$28.71	\$27.53	4	5	26	106	1	
3	Maine.....	4	43	54.1	47.0	26.67	23.34	2	6	22	12	1	
4	Massachusetts.....	44	914	51.1	46.9	25.60	23.37	4	27	59	261	445	18
5	Minnesota.....	3	65	54.7	51.0	21.54	19.99	2	7	10	46		
6	Missouri.....	11	320	50.4	46.7	25.10	22.51	2	8	39	77	166	28
7	New Hampshire.....	5	61	50.6	45.1	19.78	17.67	1	6	2	23	18	11
8	New Jersey.....	3	29	55.0	40.6	20.27	15.34		5	11	10	3	
9	New York.....	12	285	51.6	45.6	27.09	23.97	2	16	36	97	134	
10	Ohio.....	5	148	54.6	39.9	27.19	19.93	1	3	67	60	17	
11	Pennsylvania.....	9	194	55.4	49.0	21.28	18.61	1	7	22	70	94	
12	Wisconsin.....	4	32	54.5	53.2	21.00	20.47		2	5	21	24	4
13	Other States.....	3	30	54.6	47.9	18.25	15.98	1	4		3		1
13	Total.....	109	2,263	51.9	46.6	25.16	22.46	13	79	260	782	1,065	64
14	Cutters, vamp and whole shoe, machine, male:												
15	Illinois.....	5	15	54.3	49.0	18.05	17.04	1	1	6	5	2	
16	Maine.....	3	51	54.0	41.5	32.21	23.71		2	25	3	1	
17	Massachusetts.....	30	539	51.3	48.2	24.03	22.53	1	15	12	227	278	6
18	Missouri.....	6	142	57.4	52.6	19.78	18.05	2	5	6	58	62	9
19	New Hampshire.....	4	170	50.4	46.1	23.17	20.76	1	7	27	78	16	41
20	New York.....	5	140	48.6	44.9	21.94	20.31		15	83	6	36	
21	Ohio.....	2	45	55.0	54.4	20.15	19.92		1	3	41		
22	Pennsylvania.....	3	21	54.7	51.0	16.86	16.36	1		6	13		
23	Wisconsin.....	3	36	54.9	52.3	20.37	19.44	1	2	2	24	7	
24	Other States.....	2	10	55.0	53.8	21.05	20.68			5	5		
24	Total.....	63	1,169	52.1	48.2	23.00	21.12	6	30	85	493	453	102
25	Skivers, upper, machine, male:												
26	Massachusetts.....	13	68	50.3	44.5	21.15	18.37	1	3	5	25	31	3
27	New York.....	2	10	52.8	52.0	33.88	33.65				2	6	2
28	Other States.....	8	18	52.2	50.4	16.22	15.88			1	4	12	1
28	Total.....	23	96	50.9	46.4	21.55	19.50	1	3	6	31	49	6
29	Skivers, upper, machine, female:												
30	Illinois.....	7	50	51.8	47.7	12.76	11.92	3	1	16	15	15	
31	Maine.....	5	17	54.0	43.1	16.74	13.23	1	1	2	8	5	
32	Massachusetts.....	43	208	51.8	47.7	14.74	13.50	1	5	8	104	89	1
33	Minnesota.....	3	24	53.3	50.5	11.18	10.63			2	9	12	1
34	Missouri.....	12	80	52.4	45.6	13.02	11.39	2	5	11	23	33	6
35	New Hampshire.....	9	76	50.2	46.6	15.36	14.24		1	8	26	38	3
36	New York.....	13	79	50.2	46.9	14.81	13.79	1		4	41	29	4
37	Ohio.....	6	54	50.0	41.6	11.74	9.76		7	3	34	5	5
38	Pennsylvania.....	9	42	52.5	47.0	12.39	10.79		2	4	12	24	
39	Wisconsin.....	4	22	54.1	51.8	11.95	11.49			2	1	18	1
40	Other States.....	5	16	53.9	48.4	11.07	9.81			1	12	3	
40	Total.....	116	668	51.7	46.8	13.82	12.51	5	24	46	286	271	36

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

[This table does not include data from 7 establishments having biweekly pay rolls.]

Employees earning each classified amount during one week.															Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.

CUTTING DEPARTMENT.

1				1	1	1			2		1	3	38	45	49	1
2									3				7	13	11	2
	3	1	4	7	9	8	2	6	22	21	54	95	279	285	118	3
1	1		2	1	1	5	1	1	3			13	41			4
2	2		1	2		3	1	3	4	3	6	6	26	2		5
1	2	1					1	2	2	3	2	3	7	2		6
		3		4	2	3	2	5	6	9	24	22	59	87	62	7
1					3	4	13	6	5	4	8	21	53	24	6	8
1	2		1	2	2	4	4	4	8	32	36	31	40	16	11	9
								1	3	1	6	2	18	1		10
				1				2	6	7	6	4	4			11
9	10	5	8	18	22	26	26	32	74	96	165	227	703	535	307	12
		1			1	1		1	2	1	1	1	3	3		14
	1					1	1		1	1			7	14	7	15
2		3		4	3	1	2	4	3	10	19	48	247	172	21	16
4				1	3	1	2	3	9	22	31	20	30	13		17
			1		2	1	2	6	11	13	18	23	48	25	17	18
				1			3	3	18	11	27	19	32	14	12	19
1									1	3	2	12	27			20
1					1		1		2	4	3	6	3			21
1										1	7	5	21			22
									3	1		2	1	3		23
8	1	4	2	10	7	5	15	15	50	67	111	143	428	241	62	24
1		1			2			1	4	4	9	24	16	6		25
						1		1						3	6	26
	1									8	1	3	3			27
1	1	1			2	1	1	2	4	12	10	27	19	9	6	28
1	1	1		4	5	1	5	7	9	10	4	2				29
1		1				1		2	1	3	5	2				30
3	1		3	3	6	14	24	26	33	42	20	26	5	2		31
		1		3	4	1	4	5	3							32
5	1	4	2	3	8	9	4	8	13	11	7	4	1			33
		1	1	1	6	2	4	6	11	23	8	7	6			34
1				2	3	3	4	20	11	14	4	7	6			35
3	2	4	2	5	10	6	5	3	7	2	4	1				36
1		1	3	7	10		3	1	7	2	4	2	1			37
	1			2	1	4		1	2	2			2			38
	1	2	3		1		2	3	1	3						39
15	7	15	15	30	54	41	56	88	98	116	59	51	21	2		40

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amount actually earned per employee during one week.	Employees working each classified per cent of fulltime during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.

SOLE-LEATHER DEPARTMENT.

1	Cutters, outsole, male:												
2	Massachusetts.....	31	149	51.8	50.3	\$20.90	\$20.32	4	1	4	21	98	21
3	Missouri.....	3	71	53.5	47.3	22.48	21.63	1		3	10	57	
4	New York.....	10	67	48.8	47.9	20.71	20.34			1	36	4	26
5	Ohio.....	7	20	55.6	50.1	20.76	18.56		3	1	3	8	5
6	Pennsylvania.....	7	16	55.1	51.3	18.91	17.12			1	8	5	2
5	Other States.....	15	87	52.8	52.0	20.53	20.14	1		1	22	55	8
7	Total.....	73	410	52.1	49.8	20.98	20.30	6	4	11	100	227	62
	Channelers, insole and outsole, male:												
8	Illinois.....	7	14	51.6	51.3	19.43	19.37				2	10	2
9	Maine.....	4	12	54.6	48.5	24.71	21.98				9	2	
10	Massachusetts.....	44	113	51.4	48.7	24.52	23.14	1	1	5	35	66	5
11	Missouri.....	11	23	54.2	53.0	19.92	19.56				11	9	3
12	New Hampshire.....	9	22	51.5	42.6	23.53	18.49	2	1	3	6	9	1
13	New York.....	12	27	51.1	48.6	21.35	20.55		1		10	13	3
14	Ohio.....	7	13	55.3	52.9	19.07	18.31				7	2	3
15	Pennsylvania.....	9	17	55.3	52.3	19.26	17.75				8	4	5
16	Other States.....	13	18	54.8	54.8	20.25	20.20				4	11	3
17	Total.....	116	259	52.5	49.6	22.51	21.10	3	3	10	92	126	25

FITTING OR STITCHING DEPARTMENT.

18	Tip stitchers, female:												
19	Illinois.....	8	30	51.7	47.3	\$14.65	\$13.56			2	20	7	1
20	Maine.....	5	24	54.0	45.7	18.28	15.34			3	17	4	
21	Massachusetts.....	45	178	51.6	46.4	15.98	14.44	4	7	13	72	81	1
22	Missouri.....	12	36	52.9	46.4	11.21	9.97			8	10	17	1
23	New Hampshire.....	7	25	50.8	46.3	16.32	14.85		1	2	6	16	
24	New Jersey.....	3	7	53.3	43.1	12.86	10.71		1	1	1	4	
25	New York.....	13	38	50.1	44.7	17.10	15.13			6	22	7	3
26	Ohio.....	7	22	50.0	46.7	12.89	12.10		1		10	6	5
27	Pennsylvania.....	9	30	53.0	49.9	12.12	11.44			2	17	11	
27	Wisconsin.....	4	14	54.3	50.6	12.38	11.61				7	6	1
28	Other States.....	6	15	53.4	49.1	11.98	10.99			2	8	4	1
29	Total.....	119	419	51.8	46.7	14.98	13.51	4	10	39	190	163	13
	Backstay stitchers, female:												
30	Illinois.....	8	38	52.3	46.6	12.98	11.71		1	3	19	15	
31	Maine.....	4	15	54.0	48.4	15.85	13.88			1	7	7	
32	Massachusetts.....	49	213	51.6	46.9	14.74	13.39		10	16	96	89	2
33	Minnesota.....	3	7	52.8	49.0	13.05	12.07			1	4	2	
34	Missouri.....	12	60	53.1	46.6	11.15	9.92	2	3	5	24	22	4
35	New Hampshire.....	7	48	50.3	49.2	14.76	14.47				14	33	1
36	New York.....	10	48	49.9	43.4	14.39	12.30	1		8	27	5	7
37	Ohio.....	7	23	50.0	44.9	11.55	10.27			4	14	2	3
38	Pennsylvania.....	9	51	52.7	50.1	10.96	10.38			1	30	19	1
39	Wisconsin.....	4	19	54.5	48.7	12.56	11.29	1		2	6	9	1
40	Other States.....	5	13	53.8	45.6	13.23	10.55	1		2	4	6	
41	Total.....	118	535	51.8	47.0	13.58	12.31	5	14	43	245	209	19

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—															Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.

SOLE-LEATHER DEPARTMENT.

3	1		1			2	2	3	2	4	25	106	2		1
1						1	1			2	2	10	39	16	2
										4	7	20	34	1	3
				1	2	1	1			2	2	4	8	1	4
	1						1	1	3	2	4		6		5
									5	7	6	23	37	4	6
4	2		1	1	2	3	5	1	11	16	25	82	230	24	7
						1			1		1	5	4	2	8
										1	2	1	6	1	9
1						1	1	1	5	3	16	7	31	33	10
										2	8	2	8	1	11
1				2		1			2	2	4	2	2	4	12
	1						1			2	4	2	9	5	13
						1			1	1	2	2	6		14
							1			2	2	8	3		15
										2	4	2	7	3	16
2	1			2		4	3	1	10	17	37	39	76	49	17

FITTING OR STITCHING DEPARTMENT.

	1	1	1	2	1		1	3	3	8	4	4	1		18
							2	2	4	2	5	3	4		19
5	3	3	2	6	6	7	13	9	24	35	20	19	22	4	20
1	1	2	1	6	6	3	4	4	2	3	3				21
		1		1	3		2	1	2	3	2	5			22
1	1							1	3		1		5		23
	1				3		1	4	5	3	11	2	7		24
	1				1	4	3	2	3	5	3				25
				4	6	4	3	3	1	5	2	1	1		26
	1			1		2	2		5	2		1			27
				3	1	1	2	1	6	1					28
7	9	7	6	23	28	22	32	30	58	67	51	35	40	4	29
	1	1	5	5		2	5	2	4	2	8	2	1		30
					1	1	1		5	3	3		1		31
2	3	3	8	4	10	11	20	15	41	41	22	24	8	1	32
					1	2	1	1		1		1			33
4	5	4	4	4	2	4	7	6	13	1	4	2			34
					1	2	7	5	3	8	5	5	4	2	35
1		1		2	3	7	7	4	10	3	3	2			36
				4	5	2	1	1	5	3					37
			1	2	8	3	4	4	5	7	1		1		38
1			1	2	1		1	1	3	4	1	1	2		39
	1		1		1		2	1	4	2					40
8	10	11	24	30	42	40	55	42	94	72	47	38	19	3	41

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time earnings.	Average amt't actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
FITTING OR STITCHING DEPARTMENT—Continued.													
1	Lining makers, female:												
2	Illinois.....	8	70	51.2	44.2	\$12.30	\$10.71	3	3	4	38	22	.....
3	Maine.....	4	37	54.0	48.6	15.03	13.45	.....	2	3	20	12	.....
4	Massachusetts.....	51	403	51.1	45.1	13.44	11.81	7	22	36	145	190	3
5	Minnesota.....	3	25	53.6	50.0	11.49	10.77	.....	.....	1	14	10	.....
6	Missouri.....	11	118	52.2	47.5	9.83	9.09	2	1	13	39	54	9
7	New Hampshire.....	9	96	50.6	47.5	12.56	11.76	.....	.....	6	39	51	.....
8	New Jersey.....	3	7	53.3	52.3	12.15	11.92	.....	.....	.....	3	4	.....
9	New York.....	14	129	50.4	46.3	13.94	12.81	1	2	6	67	47	6
10	Ohio.....	7	97	50.0	42.2	10.91	9.29	1	8	12	65	11	.....
11	Pennsylvania.....	9	88	53.3	50.1	10.73	10.08	1	2	1	46	38	.....
12	Other States.....	7	27	54.3	50.9	10.20	9.56	.....	.....	2	8	16	1
12	Total.....	126	1,097	51.4	46.2	12.44	11.17	15	40	84	484	455	19
13	Closers-on, female:												
14	Illinois.....	8	25	52.8	45.7	13.14	11.57	.....	2	1	10	12	.....
15	Massachusetts.....	30	81	51.6	45.8	13.67	12.07	1	5	7	42	25	1
16	Missouri.....	13	59	52.4	48.0	10.75	9.91	1	1	4	24	25	4
17	New York.....	10	63	50.2	45.6	12.94	11.83	.....	2	4	36	16	5
18	Pennsylvania.....	8	52	52.8	49.4	10.57	9.87	.....	1	2	27	22	.....
19	Wisconsin.....	4	19	53.9	44.6	11.93	10.21	.....	1	3	7	8	.....
20	Other States.....	14	45	52.2	44.9	12.66	10.80	1	.....	5	32	7	.....
20	Total.....	87	344	52.0	46.5	12.30	11.02	3	12	26	178	115	10
21	Top stitchers or under-trimmers, female:												
22	Illinois.....	7	57	53.1	44.2	14.42	12.15	.....	2	15	19	21	.....
23	Maine.....	5	70	54.0	46.6	17.11	14.97	2	2	4	46	16	.....
24	Massachusetts.....	52	487	51.4	47.5	15.66	14.46	1	4	39	242	200	1
25	Minnesota.....	3	23	53.1	48.6	13.83	12.56	.....	.....	.....	18	5	.....
26	Missouri.....	13	175	52.6	47.7	10.78	10.56	4	7	13	50	90	11
27	New Hampshire.....	9	151	50.4	47.0	15.79	14.80	.....	4	11	46	63	27
28	New Jersey.....	3	9	53.7	48.3	12.89	11.44	.....	.....	1	3	5	.....
29	New York.....	14	164	49.7	45.1	15.97	14.45	.....	5	14	98	33	14
30	Ohio.....	7	77	50.0	47.3	12.40	11.77	.....	1	5	30	23	18
31	Pennsylvania.....	9	60	53.0	49.8	11.93	11.07	.....	2	2	26	29	1
32	Wisconsin.....	4	30	54.5	49.7	11.85	10.84	.....	2	2	6	18	2
33	Other States.....	3	12	54.0	51.9	11.25	10.79	.....	.....	.....	5	7	.....
33	Total.....	129	1,315	51.6	47.2	14.55	13.42	7	29	106	589	510	74
34	Button fasteners, female:												
35	Massachusetts.....	18	26	52.1	48.1	12.37	11.44	.....	.....	2	15	9	.....
36	Missouri.....	9	13	53.1	48.5	11.04	10.21	.....	.....	3	5	5	.....
37	New York.....	6	8	49.8	48.5	13.79	13.72	.....	.....	.....	4	1	3
38	Ohio.....	5	5	50.0	46.7	13.35	12.53	.....	.....	.....	3	2	.....
39	Pennsylvania.....	8	21	53.8	46.7	10.95	9.50	.....	.....	4	14	3	.....
40	Other States.....	15	26	53.7	47.6	12.34	11.04	.....	1	2	18	5	.....
40	Total.....	61	99	52.7	47.7	12.05	11.00	.....	1	11	59	25	3
41	Buttonhole makers, female:												
42	Illinois.....	7	8	53.0	47.7	11.74	10.76	.....	.....	1	2	5	.....
43	Massachusetts.....	27	42	51.7	43.8	14.43	12.25	2	.....	7	21	12	.....
44	Missouri.....	8	17	53.3	51.0	12.39	11.81	.....	.....	1	8	7	1
45	New Hampshire.....	7	8	51.0	47.9	16.45	15.63	.....	.....	1	2	5	.....
46	New York.....	10	18	50.0	45.1	13.01	11.93	.....	.....	2	12	4	.....
46	Ohio.....	5	6	50.0	48.1	11.48	10.99	.....	.....	.....	4	1	.....

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

FITTING OR STITCHING DEPARTMENT—Continued.

4	1	5	6	5	2	4	9	3	16	10	1	4				1
12	5	17	15	21	32	32	33	42	74	58	19	33	2			2
8	1	2	1		3	4	1	2	5	6						3
	4	13	18	10	7	14	10	10	12	4	4	3	1			4
		2	7	1	15	4	16	11	19	11	4	3	3			5
					1		2	1	1	2						6
3	2	2	5	6	8	11	12	13	19	22	11	11	5	1		7
8	2	8	7	9	6	10	18	12	8	6	3					8
2	1	1	3	15	15	13	10	6	9	8	3	2				9
			6	3	2	4	5	3	3	1						10
37	15	50	70	70	92	98	124	106	169	133	50	61	19	3		11
1		3	2			1	2	2	8	3	3					12
4	1	2	3	3	5	7	8	9	9	17	5	4	3	1		13
2		3	7	7	9	7	5	6	5	3	4					14
2	2	2	2	5	2	3	7	5	16	4	7	2	3	1		15
1		6	7	7	1	4	5	5	9	5	2					16
1		1			4	2	3	2	5	1						17
1				4	7	8	7	4	8	3	3					18
																19
12	3	17	21	26	28	32	37	33	60	36	24	6	7	2		20
1	1	3	3	6	2	2	6	4	8	8	9	2	2			21
3	1	1	1		1	2	2	7	10	12	12	5	11	2		22
2		4	10	8	11	25	31	35	96	101	79	40	41	4		23
				3	2		3	3	7	1	2	1	1			24
7	4	12	13	17	9	20	13	14	26	27	8	3	2			25
	3	1		6	6	11	14	10	21	24	12	18	20	4	1	26
				1	1	1	1		3	2						27
	1	2	2	3	5	14	11	17	22	29	21	19	17	1		28
1	1	1	2	4	8	5	9	12	18	4	8	2	2			29
			4	4	14	7	6	5	9	6	3	1	1			30
1		1	1	2	2	4	4	5	4	5	1					31
			2	1	2	2	2	2		3						32
15	11	25	38	55	61	93	102	114	224	222	155	91	97	11	1	33
		1	2	3	1	1	3	3	7	2	2		1			34
	1		1	1	4	1	1		1	2		1				35
						1			3	1			2			36
						2					2					37
		2	2	1	4	8		2		1	1					38
			1	3	3	3	1	6	2	2		2	1			39
	4	3	6	8	13	16	5	11	13	8	5	3	4			40
	1				1	1	2	1		1	1					41
2	2			3	4	3	3	4	10	8	3	1		1		42
				1	1	2	3		2	2	2					43
						1	1		2		2			2		44
		2	2					4	2	1	1			2		45
						1	2	1	2							46

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PERCENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amount actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.

FITTING OR STITCHING DEPARTMENT—Concluded.

1	Buttonhole makers, female—Concluded.	7	22	53.6	48.3	\$13.67	\$12.12	1	1	15	5	1	1
2	Pennsylvania.....	4	4	53.8	52.5	12.27	11.96	1	1	2	1	1	1
3	Wisconsin.....	6	12	53.8	48.1	14.85	13.16	1	1	7	3	1	1
4	Other States.....	3	12	53.8	48.1	14.85	13.16	1	1	7	3	1	1
4	Total.....	80	137	52.2	46.9	13.67	12.26	3	1	14	73	43	3
5	Eyeleters, female:												
6	Massachusetts.....	37	83	51.9	46.5	14.68	13.37	1	5	9	23	41	4
7	Minnesota.....	3	7	53.6	51.0	15.31	13.63	1	1	1	2	3	1
8	Missouri.....	13	34	52.3	49.9	12.06	11.59	1	1	1	14	15	4
9	New Hampshire.....	5	12	50.3	47.5	14.67	14.03	1	2	2	2	4	4
10	New York.....	10	31	50.2	45.3	14.42	14.26	1	2	1	18	8	2
11	Ohio.....	5	12	50.0	45.1	13.20	12.92	1	1	1	5	3	3
12	Pennsylvania.....	5	20	50.7	48.7	10.13	9.34	1	1	1	2	17	1
13	Wisconsin.....	1	10	54.0	47.6	12.02	10.64	1	1	2	4	4	1
13	Other States.....	5	7	54.1	47.9	13.35	11.52	1	1	2	4	5	1
14	Total.....	87	216	51.7	47.3	13.58	12.68	2	8	18	70	100	18
15	Vampers, male:												
16	Illinois.....	5	37	50.3	49.3	21.62	21.41	1	1	1	8	23	4
17	Maine.....	3	14	55.3	45.9	26.73	22.68	1	2	11	11	11	1
18	Massachusetts.....	39	380	51.2	48.0	22.95	21.54	6	25	154	180	15	15
19	Missouri.....	7	20	54.1	50.8	20.23	19.29	1	1	5	12	2	2
20	New Hampshire.....	7	53	50.3	48.8	20.84	20.10	1	2	5	39	6	6
21	New York.....	9	36	50.9	46.8	27.04	24.80	1	3	16	6	11	1
22	Pennsylvania.....	4	13	57.3	52.4	22.65	20.66	1	1	11	2	2	2
22	Other States.....	7	12	53.5	52.8	17.92	17.69	1	1	5	6	1	1
23	Total.....	81	565	51.4	48.3	22.81	21.45	9	34	215	268	39	39
24	Vampers, female:												
25	Illinois.....	8	83	53.4	47.1	14.81	13.25	2	11	37	33	1	1
26	Maine.....	5	87	54.0	47.9	20.57	18.28	3	6	64	14	1	1
27	Massachusetts.....	51	409	51.5	46.3	17.43	15.69	2	15	39	195	157	1
28	Minnesota.....	3	41	53.4	48.0	13.77	12.46	1	4	21	15	1	1
29	Missouri.....	12	187	52.4	48.0	15.55	14.35	1	9	17	53	92	15
30	New Hampshire.....	9	140	50.3	34.0	18.18	12.58	1	5	9	23	93	9
31	New York.....	13	171	50.0	44.7	17.12	16.00	5	1	11	111	24	19
32	Ohio.....	7	111	50.0	44.7	12.25	11.00	1	2	12	53	26	17
33	Pennsylvania.....	9	106	52.6	49.8	12.83	12.01	1	5	42	58	1	1
34	Wisconsin.....	4	45	53.7	48.8	16.15	14.77	3	1	1	15	23	3
35	Other States.....	5	26	54.2	51.5	11.14	10.33	1	1	15	10	1	1
35	Total.....	126	1,406	51.7	45.6	16.24	14.38	13	40	115	629	545	64

LASTING DEPARTMENT.

36	Assemblers, for pulling-over machine, male:												
37	Illinois.....	5	24	52.0	45.1	\$18.59	\$16.50	1	4	8	11	1	1
38	Maine.....	5	42	54.3	48.0	24.35	21.33	1	1	2	29	9	9
39	Massachusetts.....	29	247	51.4	47.8	23.67	21.95	2	3	13	110	99	20
40	Minnesota.....	3	12	54.8	46.2	21.07	16.91	1	4	7	1	1	1
41	Missouri.....	12	112	53.4	45.3	17.85	15.26	6	14	78	10	4	4
42	New Hampshire.....	9	45	50.9	47.2	19.36	17.83	1	3	17	20	4	4
43	New Jersey.....	2	13	53.2	50.3	19.75	18.78	1	1	4	8	1	1
44	New York.....	11	88	50.1	48.2	18.73	17.96	2	12	49	18	17	17
45	Ohio.....	7	45	57.8	42.6	25.56	18.87	5	12	28	10	2	2
46	Pennsylvania.....	6	38	54.1	49.3	15.78	14.48	1	1	25	10	2	2
47	Wisconsin.....	3	22	54.5	54.2	16.07	15.43	2	2	5	7	8	8
48	Other States.....	3	11	55.5	47.6	15.44	13.75	1	1	7	1	1	1
48	Total.....	95	697	52.5	47.3	20.92	18.81	4	20	56	367	194	56

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED;
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

FITTING OR STITCHING DEPARTMENT—Concluded.

1			1	1	1	1	1	1	9	4	1	1				1
		1				2	1	1	1	1		1				
3	3	3	3	5	8	11	16	14	31	19	10	3	7	1		
3	2	1	4	1	4	2	6	10	11	14	12	6	5	2		
		1			1			1		2	1		1			
1			3	3	3	2	3	5	3	6	4	1				
		1			1	1	1	1	1	3		3	1			
		1	1	1		1		3	6	10	3	2	3			
			1			1	1	2	3	1	2	1				
				6	10	1	1					1	1			
			1	1	3		1		2	1	1					
				1		1	2	2	2	1						
4	2	4	10	14	21	8	14	23	28	38	23	14	11	2		
							2	1	1	2	6	3	11	10	1	
		1							1	2	2	1	2	3	3	
1			2	1	6	4	4	3	15	14	40	59	128	77	26	
						1	1		4	3	2	1	3	3	2	
		1						1	2	4	8	8	20	9		
									2		3	6	7	11	7	
							1			1		4	5	2		
									1	4	2	3	1	1		
1		2	2	1	6	5	8	5	26	29	63	85	177	116	39	
	3	1	3	4	4	5	10	3	14	15	9	6	4	2		
1		1	1			1	3	1	7	13	8	22	19	10		
5	2	5	9	3	6	11	20	20	61	79	70	46	58	13	1	
1	2				3	4	4	5	8	6	5	1				
4	2	3	5	4	6	4	11	20	29	29	31	13	22	3	1	
1	1	2		1	1	3	7	7	23	20	19	23	19	12	1	
3		2	1	1	4	2	6	14	26	21	28	28	31	4		
2		5	5	8	10	9	17	9	27	13	4	2				
	2			3	18	12	17	9	9	16	10	3	5			
3			2		2		1	4	10	6	9	5	3	2		
			5	4	1	5		1	5	5						
20	10	21	31	28	55	56	96	93	219	223	193	149	163	46	3	

LASTING DEPARTMENT.

1					2		3	1	1	2	1	3	10			
		1			1		1	5	1	1	2	5	19	10		
1	1		3	1	1	1	1	1	11	19	15	23	92	52	21	
							1	1	1	3		1	4			
2	2	1	3	2	3	9	7	9	7	13	15	13	20	6		
					2		1	1	3	6	11	9	11	1		
							1		2	1	2	1	6			
1				1				1	8	13	26	13	16	6	1	
		2		1			1	2	8	3	3	1	16	6	2	
	1				1	1	2	2	10	8	5	2	5	1		
				2		1	1	1	5	3	5	2	1		1	
		1	1						2	2	4	1				
5	4	5	7	7	10	12	20	23	60	74	89	74	200	82	25	

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amt't actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent	25 and under 50 per cent	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
LASTING DEPARTMENT—Continued.													
1	Pullers-over, hand, male:												
2	Illinois.....	2	79	50.0	49.2	\$23.98	\$23.64			4	3	70	2
3	Massachusetts.....	16	169	50.6	45.8	26.72	23.99		5	17	73	72	2
4	Missouri.....	2	10	52.0	46.3	21.79	19.35	1			7	1	1
5	Ohio.....	4	20	55.4	45.4	25.68	20.93			4	16		
6	Pennsylvania.....	4	41	56.7	57.3	20.61	20.81				17	4	20
7	Other States.....	7	25	53.8	52.3	19.30	18.86		1		8	13	3
7	Total.....	35	344	51.7	48.4	24.62	22.85	1	6	25	124	160	28
8	Pullers-over, machine, male:												
9	Illinois.....	7	28	53.3	49.7	21.01	19.77				18	7	3
10	Maine.....	5	53	54.4	49.0	28.58	25.53		3		39	11	
11	Massachusetts.....	44	216	51.4	48.1	29.12	27.13	1	2	8	118	74	13
12	Minnesota.....	3	15	54.7	45.9	26.11	20.77		1	4	7	1	2
13	Missouri.....	12	67	54.5	48.8	23.15	20.82	1	2	4	46	10	4
14	New Hampshire.....	9	62	50.5	47.7	26.07	24.31			7	22	24	9
15	New York.....	14	64	50.3	48.4	26.56	25.62		2		34	15	13
16	Ohio.....	7	29	57.2	46.7	30.62	24.12		2	3	24		
17	Pennsylvania.....	6	22	54.3	50.1	20.66	19.12			1	13	6	2
18	Wisconsin.....	4	19	54.2	52.0	21.71	20.93			2	4	10	3
19	Other States.....	6	11	54.6	52.8	24.24	23.37			1	4	2	4
19	Total.....	117	586	52.6	48.5	26.75	24.57	2	12	30	329	160	53
20	Side lasters, hand, male:												
21	Illinois.....	2	28	50.8	47.7	18.42	17.62	1	1		5	20	1
22	Massachusetts.....	15	240	51.1	47.9	23.68	22.29	2	7	6	100	124	1
23	New York.....	7	40	53.2	51.3	25.04	23.84			2	19	11	8
24	Pennsylvania.....	5	24	55.6	51.7	17.82	16.78		1	1	10	8	4
25	Other States.....	12	54	53.0	46.0	20.49	17.87	2	4	5	27	12	4
25	Total.....	41	386	51.8	48.2	22.63	21.15	5	13	14	161	175	18
26	Side lasters, machine, male:												
27	Massachusetts.....	15	74	50.9	48.8	28.52	27.49		2	2	19	48	3
28	Missouri.....	8	34	55.5	48.5	21.65	19.03	1	2	3	14	13	1
29	New Hampshire.....	5	44	50.3	48.8	21.03	20.30			3	12	23	6
30	New York.....	8	61	49.8	48.0	23.39	22.69		1	3	33	9	15
31	Ohio.....	5	21	56.0	46.2	26.25	21.68		1	2	18		
32	Other States.....	13	50	54.8	52.2	23.52	20.23		1		21	17	11
32	Total.....	54	284	52.2	49.0	24.39	22.99	1	7	13	117	110	36
33	Bed-machine operators, male:												
34	Illinois.....	8	102	51.1	48.3	23.24	22.12		2	3	21	72	4
35	Maine.....	5	62	54.4	49.8	30.40	27.99		4	1	29	23	5
36	Massachusetts.....	34	564	51.1	48.4	27.45	25.99	1	11	23	211	285	33
37	Minnesota.....	3	28	54.8	43.3	25.10	19.82	1	2	5	15	4	1
38	Missouri.....	8	94	55.7	51.6	22.67	21.16		3	5	48	27	11
39	New Hampshire.....	6	136	50.2	48.3	24.65	23.70		1	6	43	65	21
40	New York.....	12	126	50.8	49.1	24.56	23.64		1	9	44	41	31
41	Ohio.....	5	49	56.8	47.1	30.97	28.61		1	8	38	1	9
42	Pennsylvania.....	8	48	54.8	51.8	20.68	19.78			1	32	6	9
43	Wisconsin.....	4	32	54.0	48.6	22.37	20.07	1	4		9	12	6
44	Other States.....	5	24	54.3	52.9	25.26	24.55			1	7	8	8
44	Total.....	98	1,265	52.1	48.8	25.97	24.37	3	29	62	497	544	130

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

LASTING DEPARTMENT—Continued.

					1			1	1	1	4	5	40	22	4	1
				2	1	1		1	6	9	10	11	53	43	32	2
1								1		1	1		4	2		3
					2				2	1	1		8	5	1	4
		1					3	2	2	2	3	9	10	7	3	5
							3		1	2	2	5	8	2	1	6
1	1	1		2	4	1	6	5	12	16	21	30	123	81	41	7
					1		1	1	1	4	1	2	14	3		8
							1			1	1	2	20	17	9	9
		1			2		1	3	1	4	11	12	46	55	80	10
										2	1	4	6	2		11
1	1					4			6	3	6	8	20	10	8	12
									3	4	5	6	14	20	10	13
					1	1				3	1	3	20	23	12	14
									1	3	1	5	8	3	8	15
									1	2	6	4	6	3		16
										1	1	2	3	10	2	17
									1			2	4	3	1	18
1	1	1			4	5	3	5	14	27	35	53	168	141	128	19
1		1						1	2	5	6	3	5	4		20
1	2	2	1	2	1	3		1	8	14	20	23	74	68	20	21
										6		3	15	13	3	22
			1				2	1	3	5	2	4	5	1		23
1	1		2	1		1	2		5	5	12	9	9	5	1	24
3	3	3	4	3	1	4	4	3	18	35	40	42	108	91	24	25
	1				1				1		1	4	15	27	24	26
1						2	1	2	2	1	4	4	11	5	1	27
								2	3	5	5	7	14	4	4	28
		1		2		1		2	1		4	5	19	18	8	29
		1								1	3		11	4	1	30
					1		2		6	1	5	4	15	8	8	31
1	1	2		2	2	3	3	6	13	8	22	24	85	66	46	32
				2		3			7	2	8	7	35	37	1	33
		1			1			1	2	2	1	3	11	11	29	34
1	3		2		1	5	3	1	8	12	21	31	145	200	131	35
								1	3		4	5	10	3	1	36
1			1	1	3	1	2	2	2	6	5	13	41	14	4	37
							1	1	4	2	10	13	51	39	14	38
	1				1		1	1	6	7	9	5	32	48	15	39
									2	3	1	2	16	11	11	40
					1			1	5	11	5	7	11	4	3	41
	2				3		1		2		1	4	10	6	3	42
						1					1	4	7	5	6	43
2	6	1	3	3	10	9	9	8	41	45	66	94	369	381	218	44

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amt actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.

LASTING DEPARTMENT—C concluded.

1	Hand-method lasting-machine operators, male:												
2	Maine.....	3	37	54.2	50.1	\$27.33	\$25.54	1	.....	3	22	5	6
3	Massachusetts.....	26	163	52.0	48.5	26.59	24.91	1	3	9	72	58	20
4	Missouri.....	7	76	52.9	45.5	23.11	20.01	.....	7	4	50	12	3
5	Ohio.....	5	29	57.8	49.6	23.63	27.58	.....	1	3	23	1	1
6	Other States.....	13	85	52.0	46.5	23.47	21.12	1	.....	8	58	12	6
6	Total.....	54	390	52.8	47.7	25.38	23.09	3	11	27	225	88	26
7	Turn lasters, hand, male:												
8	Massachusetts.....	8	239	53.2	50.0	26.11	24.45	2	1	3	147	51	35
9	Missouri.....	3	65	52.3	50.6	24.09	23.26	.....	2	5	16	6	36
10	New York.....	10	187	52.2	51.7	24.27	23.93	.....	2	8	68	38	71
11	Ohio.....	3	60	56.9	45.2	27.47	21.05	1	2	8	48	.....	1
12	Pennsylvania.....	5	143	55.7	52.6	21.72	20.43	1	1	8	91	17	25
13	Other States.....	4	35	55.0	50.7	19.10	17.81	.....	.....	5	10	20	.....
13	Total.....	33	729	53.8	50.6	24.37	22.90	4	8	37	380	132	168
14	Turn sewers, male:												
15	Massachusetts.....	8	22	52.9	51.8	20.45	28.89	.....	.....	.....	6	11	5
16	New York.....	6	12	51.3	48.1	28.81	27.32	.....	.....	1	9	1	1
17	Pennsylvania.....	4	23	55.3	52.0	22.85	21.12	.....	1	.....	15	4	3
18	Other States.....	6	8	54.4	52.3	27.98	27.07	.....	.....	.....	5	.....	3
18	Total.....	24	65	53.6	51.2	26.82	25.63	.....	1	1	35	16	12

BOTTOMING DEPARTMENT.

19	Goodyear welters, male:												
20	Illinois.....	6	29	50.7	44.6	\$33.25	\$28.68	.....	.....	6	17	4	2
21	Maine.....	5	20	54.7	51.2	32.73	30.83	.....	.....	1	7	12	.....
22	Massachusetts.....	29	222	51.2	46.4	33.77	30.32	.....	1	5	11	130	73
23	Minnesota.....	3	9	54.7	49.6	31.41	28.25	.....	.....	2	5	2	.....
24	Missouri.....	7	26	55.8	49.3	28.45	25.41	.....	.....	5	19	1	1
25	New Hampshire.....	6	47	50.2	48.7	28.32	27.27	.....	1	2	22	12	10
26	New York.....	10	30	52.2	46.0	36.18	31.43	.....	.....	5	21	2	2
27	Ohio.....	5	23	56.4	47.9	30.32	25.66	.....	.....	1	21	.....	1
28	Pennsylvania.....	8	24	55.1	46.0	32.81	26.83	.....	.....	9	9	4	2
29	Wisconsin.....	4	15	54.5	51.3	24.21	22.15	.....	.....	2	3	5	5
30	Other States.....	5	10	54.3	43.9	31.68	23.64	.....	3	1	1	.....	5
30	Total.....	88	455	52.2	47.1	32.35	28.84	1	9	45	255	115	30
31	Rough rounders, male:												
32	Illinois.....	6	21	51.2	44.5	35.94	30.91	.....	.....	4	14	3	.....
33	Massachusetts.....	31	108	50.9	46.9	34.23	31.36	.....	3	8	62	32	3
34	Missouri.....	10	25	55.1	47.3	26.27	22.92	.....	1	2	14	3	3
35	New Hampshire.....	6	33	50.3	50.0	27.45	27.30	.....	.....	.....	10	18	5
36	New York.....	10	21	52.4	48.3	32.13	29.16	.....	.....	1	15	2	3
37	Ohio.....	5	14	56.7	55.3	27.25	26.36	.....	.....	.....	8	2	4
38	Pennsylvania.....	8	20	54.9	48.6	40.70	21.54	.....	.....	1	15	2	2
39	Other States.....	16	33	54.3	51.7	28.23	26.80	.....	.....	2	13	10	8
39	Total.....	92	275	52.4	48.4	32.06	28.39	1	5	18	151	72	28

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

LASTING DEPARTMENT—Concluded.

1									1	2			8	17	8	1
1	3					1	1		2	8	12	15	47	32	41	2
		1		3		1	1	1	2	5	8	11	31	10	2	3
				1						1	2	3	12	6	4	4
1									4	11	9	9	30	19	2	5
3	3	1		4		2	2	1	9	27	31	38	128	84	57	6
1				1		1	2	9	5	7	20	65	98	30	7	
	1			1		3		3	3	2	7	23	16	9	8	
1	1		1			1	2	3	8	20	13	62	43	32	9	
1		1		1		1	2	4	4	1	1	27	14	4	10	
1				1	1	1	2	4	14	11	16	24	37	19	13	11
			1		1	1	4	3	2	4	1	1	12	5		12
4	2	1	2	3	3	1	12	11	30	35	50	66	223	195	88	13
									1	1	1	4	5	10	14	
								1				4	5	2	15	
									2	2	1	9	5	2	16	
											1		3	2	17	
								1	2	3	3	10	16	4	16	18

BOTTOMING DEPARTMENT.

								1			2	8	3	15		19
										1		3	4	12		20
						2	2	2	6	8	7	27	37	131		21
								2				2	4	3		22
						1				2	2	8	4	8		23
				1						2	4	10	13	17		24
										1		4	7	17		25
										1	2	7	8	4		26
										2		6	12	4		27
										3		8	2	1		28
						1		1	1		1		3	3		29
				1			4	2	6	11	18	18	83	97	215	30
								2				2	4	13		31
		1					1		3	1	2	4	11	27	61	32
												3	4	7	5	33
													7	12	11	34
													7	6	8	35
										1			5	4	4	36
									1	1	1	3	12	1	1	37
								1			2	3	7	13	7	38
1		1					1	4	4	4	5	16	55	74	110	39

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amt actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
BOTTOMING DEPARTMENT—Continued.													
	Goodyear stitchers, male:												
1	Illinois.....	6	46	51.5	47.4	\$27.19	\$25.34		1		39	6	
2	Maine.....	5	26	54.5	51.6	27.94	26.38				11	15	
3	Massachusetts.....	34	286	51.1	47.7	30.24	28.17	1	8	15	122	119	21
4	Minnesota.....	3	11	54.7	49.4	26.46	24.17				1	6	3
5	Missouri.....	11	60	55.7	48.5	22.49	20.24	1	9	1	26	16	7
6	New Hampshire.....	6	79	50.3	48.5	23.79	22.99		2	3	22	36	16
7	New York.....	10	50	52.0	48.8	28.76	26.83				38	1	11
8	Ohio.....	5	27	56.5	53.2	26.82	25.42				17	6	2
9	Pennsylvania.....	9	41	55.1	49.3	25.25	22.31		1	2	24	7	7
10	Wisconsin.....	4	17	54.0	52.6	23.11	22.44		1		3	6	7
11	Other States.....	5	15	54.3	51.0	26.43	24.83			2	6	5	2
12	Total.....	98	658	52.3	48.7	27.56	25.69	2	22	26	314	220	74
	McKay sewers, male:												
13	Maine.....	3	35	54.1	48.8	24.31	21.92		1	1	31	2	
14	Massachusetts.....	26	77	52.0	46.4	24.26	21.50		1	12	40	17	7
15	Missouri.....	5	25	52.7	48.5	21.85	19.48	1			12	11	1
16	New Hampshire.....	4	14	52.7	49.9	23.49	22.18			1	6	3	4
17	New York.....	5	19	49.4	46.2	25.84	24.16			1	9	8	1
18	Ohio.....	5	11	57.2	54.2	21.57	20.31				7	2	2
19	Other States.....	10	15	56.2	51.7	19.93	18.33		1		4	7	3
20	Total.....	58	196	52.8	48.2	23.58	21.32	1	3	15	109	50	18
	Heelers, male:												
21	Illinois.....	8	25	52.2	44.8	27.78	23.92	1	1		20	2	1
22	Maine.....	5	29	54.2	49.5	27.85	25.75	1		1	17	9	1
23	Massachusetts.....	52	153	51.8	49.0	27.19	26.06	1	2	7	68	66	9
24	Missouri.....	13	42	54.2	50.3	24.51	22.73			4	21	13	4
25	New Hampshire.....	9	33	51.0	50.4	24.19	23.94			1	12	8	12
26	New York.....	14	47	50.8	47.6	28.09	25.84			3	26	10	8
27	Ohio.....	7	22	56.3	44.2	24.35	19.06		1	8	9	1	3
28	Pennsylvania.....	9	23	55.5	54.2	23.78	22.96			1	13	2	7
29	Wisconsin.....	4	14	54.6	50.5	22.80	21.32		1	1	3	5	4
30	Other States.....	9	16	54.7	53.2	27.42	26.40				8	4	4
31	Total.....	130	404	52.7	49.1	26.36	24.65	3	5	26	197	120	53
	Heelers, wood, male:												
32	Massachusetts.....	6	77	54.2	53.2	27.11	26.70		1	3	13	52	8
33	Missouri.....	4	47	49.9	48.6	27.54	27.09		1	3	13	12	18
34	New York.....	2	36	52.4	47.3	26.95	24.05		2	4	7	23	
35	Pennsylvania.....	3	81	57.1	56.0	21.97	21.23		2	5	28	4	42
36	Other States.....	3	7	54.4	46.4	31.45	25.77			3		3	1
37	Total.....	18	248	54.1	52.2	25.61	24.56		6	18	61	94	69
	Heel trimmers or shavers, male:												
38	Illinois.....	8	27	52.2	46.1	27.75	24.93		1	1	23	2	
39	Maine.....	5	22	54.3	53.3	28.62	27.78				9	6	7
40	Massachusetts.....	48	132	51.6	49.1	30.19	28.66			4	65	59	4
41	Missouri.....	12	32	53.3	50.5	23.33	22.27			2	20	6	4
42	New Hampshire.....	9	25	51.2	49.9	25.47	24.84				11	9	5
43	New York.....	13	38	50.9	45.2	34.77	30.11			11	14	4	9
44	Ohio.....	7	18	56.1	46.5	27.47	22.83			4	14		
45	Pennsylvania.....	9	27	55.0	47.9	17.90	18.91	1	1	2	14	7	2
46	Other States.....	11	21	54.4	50.9	26.40	24.39			3	11	3	4
47	Total.....	122	342	52.6	48.8	28.07	26.25	1	2	27	181	96	35

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

BOTTOMING DEPARTMENT—Continued.

				1		1			2	1	1	6	6	17	11	1
											1	1	9	11	4	2
2		1				1		1	3	5	7	14	66	69	117	3
					1				1		1		4		2	4
1		2	3	3	1			3	5	2	3	4	11	13	8	5
				1		1		1	2	4	5	7	24	28	6	6
									2	2	5	1	11	11	17	7
				1						1	1	1	9	11	4	8
					1				2	2	6	4	16	3	7	9
									2			2	8	6		10
					1				1				5	7	1	11
3		3	4	6	3	5		5	18	18	29	40	169	178	177	12
							1	1		5	3	3	10	10	2	13
				1	1		1	1	3	9	10	8	24	9	9	14
				1					4	2	2	5	7	2	2	15
									1		1	1	8	3		16
											1	2	10	3	3	17
											3	1	7			18
				1					1		3		3	1		19
												6	3			
			3	1	1	2	2	9	16	23	26	69	28	16		20
							2		1		4	1	2	8	6	21
1	1								1		1	1	10	8	7	22
1	1			2				2	3	6	10	44	31	43		23
								2	2	2	3	4	15	6	7	24
									1		2	13	7	5		25
								1			2	15	8	13		26
	1								1		3	5	9	2		27
								1			4	3	3	6	3	28
		1							1	1	3	1	4	1	3	29
									1		2	1	3	4	5	30
2	3	1		2	1	2	3	6	11	10	37	35	118	81	92	31
					1				2	6		5	16	13	33	32
					1			2	3	3	2	5	9	4	18	33
									1	1	3	8	11	7		34
					1			2	6	7	8	8	22	19	5	35
									1				2	1	3	36
				3	1	1	4	4	13	17	13	21	57	48	66	37
	1							2		3	2		4	3	12	38
										1	1		4	9	7	39
										6	4	10	28	26	58	40
									2	3	4	4	9	5	5	41
												3	9	11	2	42
											1	1	8	11	17	43
								1	1	1	1		9	2	3	44
2							3	2	4	3	1	4	3	2	3	45
											1	1	13	3	3	46
2	1						3	5	7	17	15	23	87	72	110	47

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amount actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
BOTTOMING DEPARTMENT—Continued.													
1	Heel breasters, male:												
2	Massachusetts.....	45	84	51.9	47.4	\$24.39	\$22.52	.....	4	3	40	34	3
3	Missouri.....	9	20	54.2	48.9	17.16	15.82	.....	1	2	9	6	2
4	New Hampshire.....	9	15	51.3	49.5	18.01	17.51	.....	.....	1	6	4	4
5	New York.....	11	23	51.0	48.2	24.36	22.45	.....	1	2	8	4	8
6	Ohio.....	6	13	56.2	45.6	21.86	18.29	.....	1	1	8	1	1
7	Pennsylvania.....	9	19	55.1	52.5	17.18	15.90	.....	1	.....	6	7	5
8	Other States.....	18	36	53.5	50.6	20.74	19.80	.....	1	2	14	7	12
8	Total.....	107	210	52.8	48.7	21.81	20.19	.....	1	9	11	91	63
9	Edge trimmers, male:												
10	Illinois.....	8	56	52.3	46.8	27.14	24.64	.....	.....	3	51	1	1
11	Maine.....	5	54	54.5	48.8	28.62	25.94	.....	1	3	22	14	11
12	Massachusetts.....	54	451	51.6	47.8	30.01	27.83	.....	3	10	22	212	175
13	Missouri.....	13	91	54.2	48.6	25.60	23.10	.....	.....	3	11	61	12
14	New Hampshire.....	9	88	50.7	48.1	27.21	25.85	.....	.....	1	6	25	36
15	New York.....	13	95	50.7	46.9	30.77	28.41	.....	.....	10	42	24	19
16	Ohio.....	7	53	56.3	50.2	25.80	22.91	.....	.....	1	3	41	6
17	Pennsylvania.....	9	44	55.0	52.6	22.98	22.09	.....	.....	2	26	11	5
18	Wisconsin.....	4	20	54.4	50.9	27.73	25.74	.....	.....	1	10	7	2
19	Other States.....	9	29	54.7	49.5	27.26	24.70	.....	.....	2	20	6	1
19	Total.....	131	981	52.4	48.3	28.51	26.32	.....	4	19	62	510	292
20	Edge setters, male:												
21	Illinois.....	8	56	51.9	46.2	26.31	23.37	.....	.....	2	44	9	1
22	Maine.....	5	34	54.6	50.2	27.66	25.38	.....	.....	2	18	12	1
23	Massachusetts.....	54	368	51.7	49.1	29.41	28.07	.....	.....	2	12	164	109
24	Minnesota.....	3	15	54.7	51.5	23.79	22.29	.....	.....	.....	9	6	.....
25	Missouri.....	13	86	53.8	48.5	24.52	22.18	.....	.....	1	13	52	15
26	New Hampshire.....	9	65	50.5	48.5	24.45	23.25	.....	.....	1	1	19	22
27	New Jersey.....	3	10	54.1	45.8	27.11	22.53	.....	.....	.....	2	4	.....
28	New York.....	14	107	51.3	48.9	29.68	28.06	.....	.....	1	7	46	22
29	Ohio.....	7	60	56.3	48.0	27.03	22.70	.....	.....	1	11	37	7
30	Pennsylvania.....	9	64	55.4	49.6	26.35	23.74	.....	.....	3	1	3	38
31	Wisconsin.....	4	16	54.6	52.5	22.89	22.10	.....	.....	.....	.....	9	5
31	Other States.....	3	11	54.8	51.3	24.73	23.10	.....	.....	.....	10	.....	1
32	Total.....	132	892	52.6	48.9	27.68	25.75	.....	5	6	53	450	279
33	Heel scourers, male:												
34	Illinois.....	8	25	52.5	46.5	22.00	19.66	.....	.....	1	1	20	3
35	Maine.....	5	27	54.5	52.8	25.70	24.81	.....	.....	1	.....	8	10
36	Massachusetts.....	47	163	51.7	48.3	25.68	23.86	.....	.....	4	7	86	52
37	Minnesota.....	3	9	54.8	47.8	25.53	22.49	.....	.....	1	.....	5	2
38	Missouri.....	13	61	54.1	46.1	18.19	15.62	.....	.....	2	6	26	12
39	New Hampshire.....	8	39	50.4	49.4	19.27	18.91	.....	.....	1	.....	10	17
40	New York.....	13	55	50.5	48.8	25.56	24.82	.....	.....	.....	2	28	10
41	Ohio.....	7	28	56.1	48.1	21.50	18.11	.....	.....	2	1	23	2
42	Pennsylvania.....	9	25	55.3	49.9	19.53	17.66	.....	.....	1	2	16	3
43	Wisconsin.....	4	13	54.2	48.3	17.64	16.37	.....	.....	1	2	2	5
43	Other States.....	5	8	54.5	49.9	20.48	18.47	.....	.....	.....	1	4	2
44	Total.....	122	453	52.6	48.4	22.98	21.23	.....	6	14	23	228	118
45	Heel burnishers, male:												
46	Illinois.....	8	18	52.3	46.2	22.96	19.82	.....	.....	1	1	10	6
47	Maine.....	4	11	54.5	52.7	25.07	24.18	.....	.....	.....	.....	6	5
48	Massachusetts.....	50	134	51.6	47.6	25.01	23.12	.....	.....	3	11	77	36
49	Missouri.....	12	35	54.0	47.0	18.68	16.65	.....	.....	1	6	17	4
50	New Hampshire.....	9	25	51.2	48.3	19.86	18.62	.....	.....	2	.....	10	8
51	New York.....	14	29	51.0	49.3	24.11	23.34	.....	.....	.....	1	13	5

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

*Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

BOTTOMING DEPARTMENT—Continued.

1	1			2		1	3	2	5	5	6	6	21	17	14	1
		1			1	1	1	1	2	2	3	2	3	1		2
				1					1	1	3		5	1		3
									4	2		2	7	4	4	4
1							1		2	1	2	1	2	2	1	5
				1		2	1	2	3	3	3	1	1	1	2	6
	1	1			1	1		1	1	3	2	9	10	3	4	7
2	2	2		4	1	5	7	6	18	21	19	21	49	28	25	8
								1	9	6	3	2	6	16	13	9
1		1					1		4	4	2	3	10	10	21	10
1	2	1		3		2	6	8	8	19	26	79	97	191	191	11
			1				1	3	5	6	5	11	25	17	17	12
					1			1	1	4	3	3	20	35	20	13
								1	1		5	5	20	28	35	14
				1						2	5	9	17	14	5	15
									1		8	15	7	5	7	16
											1	2	9	5	3	17
										4	3	2	6	9	5	18
2	2	2	2	4	1	3	8	14	25	34	54	78	199	236	317	19
									1	3	6	7	12	27		20
							1	2	6	12	15	2	10	16	4	21
			2			1		3				14	75	98	140	22
						1					2	3	5	1	3	23
1								3	4	9	1	7	18	21	11	24
				1					1	1	6	4	29	20	3	25
										2		1	5		2	26
		1				1			1		5	7	19	35	38	27
1								1		2	6	15	15	13	7	28
1	1		2						1	1	3	16	13	15	12	29
									1		1		11	3		30
											1		8	2		31
3	1	1	2	3		4	3	7	14	31	56	76	220	251	220	32
			1		2	1		4		1	3	2	3	6	2	33
									1		4	4	6	6		34
1				1	2	2	2	2	7	5	9	21	42	37	33	35
2	1	2	2			4	4	5	8	3	9	7	9	4	1	36
1									1	5	10	8	11	3		37
						1				2	3	7	20	12	10	38
				1			2	1	2	4	4	6	3	5		40
1			1				1	2		9	2		4	2	3	41
1		1				1			1	2	1	1	5			42
									3		3			1	1	43
6	1	3	4	2	4	9	9	14	23	32	48	58	103	80	57	44
				1	2		1	1		1	3		6		2	45
											1	1	4	5		46
					5		2	2	8	11	6	3	31	43	16	47
2				3					6	6	2	2	6	3		48
			1			1	5		2	1	2	3	6	3	1	49
					1				1	1	3	2	12	3	6	50

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Continued.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average am't actually earned per employee during one week.	Employees working each classified per cent of full time during one week—						
							Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	
BOTTOMING DEPARTMENT—Concluded.													
	Heel burnishers, male—Concluded.												
1	Ohio.....	7	25	56.6	48.4	\$19.75	\$17.04	.....	2	2	15	2	4
2	Pennsylvania.....	8	15	55.2	54.7	20.71	20.33	.....	.....	.....	10	2	3
3	Wisconsin.....	4	10	54.4	53.6	17.68	17.33	.....	.....	.....	3	5	2
4	Other States.....	7	12	54.4	50.6	21.87	20.36	.....	.....	.....	11	1	.....
5	Total.....	123	314	52.7	48.5	22.72	21.00	1	9	21	172	74	37
	Buffers, male:												
6	Illinois.....	8	31	52.5	47.8	21.20	19.39	.....	.....	1	25	5	.....
7	Maine.....	4	26	54.3	46.6	28.08	24.41	.....	1	4	19	2	.....
8	Massachusetts.....	51	183	51.9	48.3	23.94	22.33	.....	2	7	108	60	6
9	Missouri.....	13	42	54.5	49.4	18.54	16.77	1	2	1	24	6	8
10	New Hampshire.....	9	49	50.7	49.5	20.04	19.56	.....	1	1	17	17	13
11	New York.....	13	48	50.5	46.6	24.45	22.58	.....	2	3	26	4	13
12	Ohio.....	7	19	55.8	52.0	23.69	22.08	.....	.....	.....	14	4	1
13	Pennsylvania.....	8	40	55.0	49.4	15.92	14.86	.....	3	1	26	1	9
14	Other States.....	11	25	55.0	50.0	21.00	18.93	.....	2	1	11	6	5
15	Total.....	124	463	52.6	48.5	22.28	20.64	1	13	19	270	105	55
FINISHING DEPARTMENT.													
	Treers or ironers, hand, male:												
16	Illinois.....	6	91	50.7	47.3	\$20.73	\$19.76	3	2	6	34	14	32
17	Maine.....	4	60	54.4	51.0	21.83	20.56	1	.....	4	37	13	5
18	Massachusetts.....	49	602	51.5	48.9	22.67	21.67	7	14	18	164	358	41
19	Minnesota.....	3	21	54.8	49.3	20.31	18.23	.....	.....	.....	17	4	.....
20	Missouri.....	11	103	53.1	48.4	16.87	15.51	3	2	10	37	37	14
21	New Hampshire.....	7	67	51.2	46.6	21.56	19.94	1	4	5	18	26	13
22	New York.....	10	57	51.3	50.4	20.43	20.01	2	.....	.....	10	27	18
23	Ohio.....	6	54	56.9	48.7	17.28	14.76	2	2	10	18	5	17
24	Pennsylvania.....	6	32	55.3	54.0	17.54	16.83	.....	.....	1	11	14	6
25	Wisconsin.....	4	23	54.8	51.4	18.90	17.80	.....	3	.....	7	9	4
26	Other States.....	5	33	54.5	52.0	20.97	20.10	.....	1	2	16	4	10
27	Total.....	111	1,143	52.3	49.1	21.20	20.07	19	25	59	369	511	160
	Treers or ironers, hand, female:												
28	Illinois.....	4	29	57.9	47.4	9.41	7.76	.....	.....	3	25	1	.....
29	Missouri.....	7	42	52.3	48.3	12.81	11.49	1	1	5	15	19	1
30	New York.....	4	29	50.8	49.7	13.52	13.23	.....	.....	2	6	12	9
31	Ohio.....	4	41	51.2	48.3	11.23	10.57	.....	.....	2	25	14	.....
32	Pennsylvania.....	3	21	54.0	46.7	10.44	9.11	.....	1	2	14	4	.....
33	Other States.....	7	43	54.4	50.4	14.43	14.11	1	.....	3	26	12	1
34	Total.....	29	205	53.3	48.7	12.21	11.33	2	2	17	111	62	11
	Treers or ironers, machine, male:												
35	Massachusetts.....	9	91	51.7	49.4	19.69	18.75	1	1	3	19	57	10
36	Missouri.....	4	34	58.1	54.9	16.45	15.57	.....	.....	.....	30	2	2
37	New Hampshire.....	4	40	50.0	47.0	18.79	17.52	.....	2	3	15	12	8
38	Other States.....	6	50	52.4	48.1	21.19	19.55	1	.....	1	42	.....	6
39	Total.....	23	215	52.5	49.5	19.36	18.20	2	3	7	106	71	26

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—															Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.

BOTTOMING DEPARTMENT—Concluded.

.....	1	.....	2	.....	.....	1	.....	1	2	2	3	4	7	2	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4	2	1	2	2	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	4	2	2	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2	2	2	1	4
2	1	.....	2	5	8	1	4	9	22	28	31	31	78	64	28	5
.....	.....	.....	.....	.....	1	1	2	1	1	2	5	4	8	4	2	6
.....	.....	.....	.....	1	1	.....	.....	2	2	1	2	.....	4	6	9	7
.....	.....	.....	.....	2	2	2	2	1	7	10	23	23	48	43	22	8
1	1	.....	1	.....	1	1	1	4	9	3	12	8	8	1	9	9
.....	1	1	.....	.....	1	2	1	1	3	9	8	15	6	2	10	10
.....	.....	.....	.....	.....	.....	1	.....	3	3	5	.....	19	10	6	11	11
.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	1	1	7	1	12	12
2	1	4	.....	4	4	1	.....	1	4	5	4	1	4	2	13	13
.....	.....	1	.....	.....	.....	.....	.....	1	2	3	7	6	4	.....	14	14
3	1	3	5	3	9	9	8	6	21	38	56	59	113	85	44	15

FINISHING DEPARTMENT.

4	.....	2	1	.....	.....	1	4	.....	4	6	10	9	25	23	2	16
1	.....	.....	.....	.....	.....	.....	.....	1	1	5	5	9	29	5	3	17
7	4	3	1	5	5	3	3	6	16	36	41	72	221	148	31	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	8	4	6	1	2	.....	19	19
4	1	.....	1	.....	1	6	3	7	13	22	17	13	8	5	2	20
.....	1	.....	1	.....	2	2	2	1	2	4	5	4	33	10	21	21
.....	2	.....	.....	.....	.....	.....	.....	2	6	7	6	7	14	10	3	22
2	.....	1	3	1	2	1	4	1	7	9	10	7	4	2	23	23
.....	.....	.....	.....	.....	.....	1	.....	6	4	3	3	5	9	1	24	24
.....	.....	.....	.....	.....	.....	1	.....	5	2	.....	1	5	8	1	25	25
.....	1	.....	.....	.....	1	1	.....	1	1	2	4	7	7	4	4	26
18	6	9	6	7	11	16	17	30	56	102	106	144	359	211	45	27
.....																
1	1	4	3	8	5	3	2	1	1	5	.....	1	2	.....	28	28
.....	2	.....	.....	1	1	4	4	10	8	.....	.....	.....	.....	.....	29	29
.....	.....	2	.....	1	1	.....	2	2	7	9	3	2	.....	.....	30	30
.....	.....	.....	1	3	4	11	3	6	11	2	.....	.....	.....	.....	31	31
1	.....	1	3	3	3	8	2	2	1	.....	.....	.....	.....	.....	32	32
1	.....	1	3	.....	.....	4	4	.....	9	7	4	6	3	.....	33	33
3	3	7	9	19	14	30	17	21	37	23	7	9	5	.....	1	34
.....																
.....	2	.....	.....	.....	.....	1	.....	1	4	18	14	18	27	3	3	35
.....	.....	.....	.....	1	1	2	2	2	8	6	6	3	6	.....	36	36
.....	.....	1	1	1	1	.....	.....	4	3	3	6	5	11	3	37	37
.....	1	.....	.....	.....	.....	.....	.....	.....	3	16	6	3	10	8	3	38
.....	3	1	1	1	1	4	2	7	18	43	32	29	54	14	6	39

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT ONE WEEK, BY STATES, 1918—Concluded.

Line No.	Occupation, sex, and State.	Number of establishments	Number of employees.	Average full-time hours per week of establishments	Average hours actually worked per employee during one week.	Average full-time weekly earnings.	Average amount actually earned per employee during one week.	Employees working each classified per cent of full time during one week.					
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
OTHER EMPLOYEES (ALL DEPARTMENTS).													
1	Male:												
2	Illinois.....	8	1,062	52.7	48.1	\$15.54	\$14.50	21	29	62	351	464	135
3	Maine.....	5	1,198	54.5	51.0	18.82	17.64	17	47	69	546	314	205
4	Massachusetts.....	55	8,671	51.7	48.7	17.93	16.97	102	283	389	2,426	4,471	1,000
5	Minnesota.....	3	336	55.0	51.0	17.75	16.64	3	14	17	108	178	16
6	Missouri.....	15	2,510	54.0	45.8	15.70	14.64	46	85	178	792	1,014	395
7	New Hampshire.....	10	2,347	50.6	48.7	17.08	16.54	23	69	112	396	1,189	558
8	New Jersey.....	3	159	55.0	51.0	16.25	15.65	1	6	10	58	69	15
9	New York.....	14	2,773	51.2	48.9	18.12	17.37	27	75	135	800	976	760
10	Ohio.....	7	1,462	57.4	50.8	16.97	14.71	29	95	181	603	318	236
11	Pennsylvania.....	9	1,241	55.2	51.2	14.74	13.89	17	36	114	409	419	246
12	Wisconsin.....	4	424	54.1	50.6	15.21	14.63	4	14	31	112	140	123
13	Other States.....	3	211	56.0	52.4	16.41	15.57	1	8	12	72	77	41
13	Total.....	136	22,394	52.7	48.9	17.23	16.24	291	761	1,310	6,673	9,629	3,730
14	Female:												
15	Illinois.....	8	789	53.3	46.6	10.27	9.15	12	17	70	388	255	47
16	Maine.....	5	823	54.0	47.2	14.81	13.00	20	32	87	494	183	7
17	Massachusetts.....	55	6,150	51.5	47.5	12.55	11.63	53	164	386	2,232	3,098	217
18	Minnesota.....	3	224	53.4	48.9	10.59	9.66	3	2	24	82	103	10
19	Missouri.....	14	1,957	52.4	47.3	9.72	8.87	36	86	152	570	919	194
20	New Hampshire.....	10	1,171	50.3	46.9	13.37	12.47	10	33	85	293	606	144
21	New Jersey.....	3	103	54.0	48.6	10.67	9.25	.....	5	9	29	58	2
22	New York.....	14	1,515	50.5	46.6	12.58	11.60	15	49	91	583	596	181
23	Ohio.....	7	1,008	50.0	44.4	10.42	9.26	10	42	108	452	259	137
24	Pennsylvania.....	9	962	53.3	49.1	9.63	8.86	10	32	51	439	343	87
25	Wisconsin.....	4	331	54.5	49.0	10.04	9.06	3	13	33	88	173	21
26	Other States.....	3	154	54.0	49.7	8.64	8.04	1	8	3	62	64	16
26	Total.....	135	15,187	51.8	47.3	11.79	10.81	173	483	1,099	5,712	6,657	1,063

FULL-TIME WEEKLY EARNINGS AND AMOUNTS ACTUALLY EARNED,
OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING

Employees earning each classified amount during one week—																Line No.
Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.	

OTHER EMPLOYEES (ALL DEPARTMENTS).

39	22	28	42	49	57	67	61	55	144	121	93	94	101	33	56	1
27	11	11	16	16	25	31	55	46	162	136	112	136	241	97	76	2
190	103	118	149	229	211	296	327	355	985	1,036	1,023	979	1,547	679	444	3
8	5	3	8	14	18	11	16	11	42	38	39	35	38	24	26	4
86	40	65	94	98	97	149	131	185	348	252	247	235	265	133	85	5
52	22	40	35	39	57	71	94	94	309	329	299	277	421	146	62	6
4	.....	3	4	5	8	10	4	5	22	26	11	23	20	9	5	7
63	24	29	55	61	73	92	125	109	275	323	311	315	506	265	147	8
60	36	38	56	57	76	66	72	69	204	169	165	121	189	58	26	9
49	9	38	53	78	63	106	71	75	173	144	96	86	109	50	41	10
10	5	25	22	25	15	16	21	21	43	47	39	52	52	16	15	11
7	2	5	10	3	6	18	10	8	30	24	18	27	23	6	14	12
595	279	403	544	674	706	933	987	1,033	2,737	2,645	2,453	2,380	3,512	1,516	997	13
35	43	79	84	70	83	89	72	53	98	50	25	6	2	.....	.....	14
29	16	17	17	27	40	76	70	63	117	125	95	73	54	4	.....	15
178	99	157	272	373	445	569	715	550	1,178	740	455	220	162	30	7	16
7	3	17	26	23	39	30	13	14	23	13	6	4	6	.....	.....	17
143	90	160	219	237	261	226	116	127	182	107	54	24	10	1	.....	18
36	31	41	42	49	63	66	113	104	249	142	96	60	66	9	4	19
5	2	10	8	12	15	10	11	6	14	8	.....	1	.....	.....	.....	20
47	29	43	78	109	143	143	155	125	236	166	111	63	52	10	5	21
43	37	56	95	122	139	144	103	86	98	52	19	9	4	1	.....	22
47	24	70	103	207	141	92	87	40	58	44	29	13	7	.....	.....	23
13	20	29	31	33	35	51	26	32	33	19	6	.....	3	.....	.....	24
9	8	14	21	30	23	16	5	8	15	4	1	.....	.....	.....	.....	25
592	402	693	996	1,292	1,427	1,512	1,486	1,208	2,301	1,470	897	473	366	55	17	26

