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WAGES AND HOURS OF LABOR SERIES

**WAGES AND HOURS OF LABOR IN  
THE BOOT AND SHOE INDUSTRY  
1910 TO 1932**



MARCH, 1933

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# BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS

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## WAGES AND HOURS OF LABOR IN THE BOOT AND SHOE INDUSTRY, 1910 TO 1932

The 1932 figures in this report are the result of a study by the Bureau of Labor Statistics of wages and hours of labor of 49,666 wage earners (28,046 males and 21,620 females) in 164 representative factories in the boot and shoe industry in the United States.

Summaries of average full-time hours per week, earnings per hour, and full-time earnings per week are presented in Table 1 for the industry as a whole, and for each of the important occupations in each department of the industry for each of the years from 1910 to 1932 in which studies have been made by the bureau. The averages at the beginning of the table are for the industry, followed by averages for each of the important occupations in each department, and also for the group of "Other employees" for all departments. This group includes the wage earners in all occupations other than those referred to as important occupations, because no occupation in the group was of sufficient importance to warrant showing separate averages for it. Index numbers of these averages, with the 1913 average as the base, or 100 per cent, are also shown in the table for the industry and for each occupation for which averages are available for 1913 and any of the other years from 1910 to 1932.

### Hours and Earnings and Index Numbers, 1910 to 1932

Industry averages of full-time hours per week were 48.9 in 1932 and in 1930; of average earnings per hour were 41.2 cents in 1932 and 51.0 cents in 1930, a decrease of 19.2 per cent; and of full-time earnings per week were \$20.15 in 1932 and \$24.94 in 1930, a decrease of \$4.79 or 19.2 per cent. The percentage decrease was the same for average earnings per hour and for full-time earnings per week because average full-time hours per week were the same in 1930 and 1932.

The industry averages in Table 1 for each of the years, 1910 to 1914, are for wage earners in selected occupations only and are directly comparable one year with another over that period. Those for the years 1914 to 1932 are for wage earners in all occupations in the industry, including those in the selected occupations and the group of "Other employees" at the end of the table and are also directly comparable one year with another, but should not be compared with the averages for selected occupations for any of the years from 1910 to 1914. Two sets of averages are shown in the table for 1914—one for 18,567 wage earners in the selected occupations in 91 establish-

ments and the other for 49,376 wage earners in all occupations in the same 91 establishments. The 1914 average earnings per hour for the wage earners in the selected occupations are 31.4 cents and the average full-time earnings per week are \$17.11, and for those in all occupations the figures are 24.3 cents and \$13.26, respectively.

The index numbers are for the purpose of furnishing comparable data, one year with another from 1910 to 1932. The index for any year from 1910 to 1914 for selected occupations is the per cent that the average for the year is of the 1913 average. The index for any year from 1914 to 1932 for all occupations was computed by increasing or decreasing the 1914 index for selected occupations in proportion to the increase or decrease in the average for each succeeding year as compared with the 1914 average for wage earners in all occupations; that is, the 1914 index for selected occupations is to the 1932 index for all occupations as the 1914 average for all occupations is to the 1932 average for all occupations.

Average full-time hours per week decreased from year to year from an index of 102.7 in 1910 to 88.2 in 1920, increased gradually to 89.2 in 1928, and then decreased to 88.8 in both 1930 and 1932. The range in average full-time hours per week in 1932 for males in the various occupations in the industry was from 44.3 for folders to 50.6 for heel builders, hand, and for females from 48.4 for table workers and shoe cleaners to 50.2 for buttonhole makers.

Average earnings per hour increased from an index of 92.0 in 1910 to 93.9 in 1911, decreased to 92.6 in 1912 and then increased from year to year to 232.0 in 1920, dropped to 207.9 in 1922, and again increased from year to year to 220.3 in 1928, then dropped to 212.0 in 1930 and to 171.2 in 1932. In the different occupations in 1932, average earnings per hour of males ranged from 28.7 cents for stampers, linings or uppers, to 75 cents for turn sewers, and of females ranged from 23.5 cents for roughers for cement to 44.8 cents for cutters, vamp and whole shoe, machine. In three occupations, for which figures are shown for both males and females in 1932, the females earned more per hour than the males. These occupations were heel builders, hand; stampers, linings or uppers; and channel openers and closers. In all other occupations males earned more per hour than females.

Average full-time earnings per week increased from an index of 94.1 in 1910 to 95.8 in 1911, decreased to 93.2 in 1912, increased from year to year to 203.7 in 1920, decreased to 184.7 in 1922, and again increased from year to year to 196.6 in 1928, and then dropped to 188.5 in 1930 and to 152.3 in 1932. Average full-time earnings per week did not increase nor decrease in the same proportion as average earnings per hour because of the change from year to year in average full-time hours per week. In 1932 average full-time earnings per week of males in the various occupations ranged from \$14.41 for stampers, linings or uppers, to \$35.10 for turn sewers, and of females ranged from \$11.47 for roughers for cement to \$22.36 for cutters, vamp and whole shoe, machine.

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year

THE INDUSTRY

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Selected occupations only.....	1910	60	10,581	56.5	\$0.286	\$16.07	102.7	92.0	94.1
	1911	81	15,028	56.3	.292	16.37	102.4	93.9	95.8
	1912	81	19,405	55.5	.288	15.91	100.9	92.6	93.2
	1913	88	19,911	55.0	.311	17.08	100.0	100.0	100.0
	1914	91	18,567	54.6	.314	17.11	99.3	101.0	100.2
All occupations.....	1914	91	49,376	54.7	.243	13.26	-----	-----	-----
	1916	136	60,692	54.6	.269	14.11	99.1	107.5	106.6
	1918	143	58,321	52.3	.336	17.54	94.9	139.7	132.5
	1920	117	51,247	48.6	.559	26.97	88.2	232.0	203.7
	1922	104	47,361	48.7	.501	24.45	88.4	207.9	184.7
	1924	106	45,460	49.0	.516	25.28	88.9	214.1	190.9
	1926	154	52,697	49.0	.528	25.87	88.9	219.1	195.4
	1928	157	48,658	49.1	.530	26.02	89.2	220.3	196.6
	1930	161	65,158	48.9	.510	24.94	88.8	212.0	188.5
	1932	164	49,666	48.9	.412	20.15	88.8	171.2	162.3

CUTTING DEPARTMENT

Cutters, vamp and whole shoe, hand: Male.....	1910	48	1,650	56.3	\$0.319	\$17.86	103.3	90.9	93.8
	1911	64	2,066	56.2	.313	17.50	103.1	89.2	91.9
	1912	71	1,985	56.0	.322	17.58	100.9	91.7	92.3
	1913	71	1,987	54.5	.351	19.05	100.0	100.0	100.0
	1914	75	1,812	54.0	.366	19.66	99.1	104.3	103.2
	1916	113	2,355	53.9	.375	20.12	98.9	106.8	105.6
	1918	114	2,319	52.0	.484	25.06	85.4	137.9	131.5
	1920	91	2,050	47.8	.829	40.29	87.7	236.2	211.5
	1922	84	1,915	48.3	.787	38.11	88.6	224.2	200.1
	1924	88	2,009	48.4	.838	40.56	88.8	238.7	212.9
	1926	108	2,129	48.9	.808	39.51	89.7	230.2	207.4
	1928	110	1,777	48.6	.824	40.05	89.2	234.8	210.2
	1930	127	2,226	48.7	.796	38.77	89.4	226.8	203.5
	1932	125	2,032	48.9	.634	31.00	89.7	180.6	162.7
Female.....	1932	2	13	49.8	.337	16.78	-----	-----	-----
Cutters, vamp and whole shoe, machine: Male.....	1910	17	235	57.8	.301	17.23	104.5	93.2	97.0
	1911	20	270	57.0	.313	17.69	103.1	96.9	99.5
	1912	33	490	55.8	.313	17.36	100.9	96.9	97.7
	1913	33	549	55.3	.323	17.77	100.0	100.0	100.0
	1914	40	642	55.3	.325	17.93	100.0	100.6	100.9
	1916	67	1,059	54.9	.331	18.07	99.3	102.5	101.7
	1918	66	1,202	52.2	.444	23.04	94.4	137.5	129.7
	1920	56	942	48.9	.806	37.94	88.4	249.5	213.5
	1922	48	867	49.2	.647	31.99	89.0	200.3	180.0
	1924	54	777	49.9	.687	34.28	90.2	212.7	192.9
	1926	54	782	49.4	.658	32.51	89.3	203.7	182.9
	1928	59	882	48.7	.669	32.58	88.0	207.1	183.3
	1930	58	958	49.4	.663	32.75	89.3	205.3	184.3
	1932	69	861	49.2	.563	27.70	89.0	174.3	165.9
Female.....	1920	10	73	53.8	.393	21.69	-----	-----	-----
1922	8	62	52.5	.433	23.51	-----	-----	-----	
1924	4	45	53.2	.310	16.49	-----	-----	-----	
1926	15	58	49.9	.501	25.00	-----	-----	-----	
1928	10	43	50.3	.471	23.69	-----	-----	-----	
1930	8	30	49.9	.506	25.25	-----	-----	-----	
1932	8	39	49.9	.448	22.36	-----	-----	-----	

<sup>1</sup> 2 sets of averages are shown for this year—1 for selected occupations and the other for all occupations in the industry. The 1910 to 1914 averages for selected occupations are comparable 1 year with another, as are those for all occupations 1 year with another from 1914 to 1932.

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## CUTTING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Cutters, trimmings, hand (including dinkers and blockers):</b>									
<b>Male</b> -----									
	1920	87	884	48.0	\$0.452	\$22.27			
	1922	79	747	48.2	.460	22.02			
	1924	85	736	48.8	.485	23.67			
	1926	95	837	49.3	.516	25.44			
	1928	101	733	48.9	.530	25.92			
	1930	101	671	48.9	.509	24.89			
	1932	100	531	49.4	.420	20.75			
<b>Female</b> -----									
	1920	11	38	50.1	.284	13.98			
	1922	7	42	48.0	.299	14.82			
	1924	6	29	52.1	.348	18.13			
	1926	9	26	49.2	.404	19.88			
	1928	6	19	49.7	.363	18.04			
	1930	10	22	49.0	.405	19.85			
	1932	6	12	49.9	.291	14.52			
<b>Cutters, trimmings, machine:</b>									
<b>Male</b> -----									
	1920	37	163	49.1	.425	21.20			
	1922	30	116	50.3	.398	20.05			
	1924	42	187	50.3	.400	20.12			
	1926	47	173	49.8	.439	21.86			
	1928	50	259	49.9	.436	21.76			
	1930	50	225	50.3	.467	23.49			
	1932	68	235	48.6	.407	19.78			
<b>Female</b> -----									
	1920	12	66	50.7	.273	13.77			
	1922	7	37	49.8	.323	16.20			
	1924	10	47	49.9	.280	13.97			
	1926	18	74	49.0	.378	18.52			
	1928	9	36	49.4	.372	18.38			
	1930	21	87	49.0	.411	20.14			
	1932	12	41	49.7	.316	15.71			
<b>Skivers, upper:</b>									
<b>Male</b> -----									
	1910	12	74	54.7	.288	15.80	100.4	96.3	97.4
	1911	28	136	54.8	.292	15.98	100.6	97.7	98.5
	1912	32	166	54.7	.282	15.41	100.4	94.3	94.9
	1913	32	134	54.5	.299	16.23	100.0	100.0	100.0
	1914	29	116	54.4	.299	16.13	99.8	100.0	99.4
	1916	32	124	54.6	.311	16.93	100.2	104.0	104.3
	1918	23	96	50.9	.423	21.55	93.4	141.5	132.8
	1920	29	87	48.1	.596	28.58	88.3	199.3	176.1
	1922	31	77	47.6	.595	28.48	87.3	199.0	175.5
	1924	29	100	48.0	.619	29.71	88.1	207.0	183.1
	1926	37	96	48.4	.668	32.33	88.8	223.4	199.2
	1928	34	98	48.1	.653	31.41	88.3	218.4	193.5
	1930	36	104	48.3	.651	31.44	88.6	217.7	193.7
	1932	36	63	48.4	.537	25.99	88.8	179.6	160.1
<b>Female</b> -----									
	1910	49	338	57.0	.175	9.94	104.4	83.7	87.3
	1911	60	374	57.0	.176	9.97	104.4	84.2	87.6
	1912	67	371	55.0	.193	10.53	100.7	92.3	93.0
	1913	67	439	54.6	.209	11.38	100.0	100.0	100.0
	1914	77	446	54.1	.209	11.30	99.1	100.0	99.3
	1916	113	591	54.0	.209	11.26	98.9	100.0	98.9
	1918	121	697	51.7	.267	14.73	94.7	127.8	129.4
	1920	105	611	48.7	.434	21.47	89.2	207.7	188.7
	1922	94	539	48.6	.430	20.84	89.0	205.7	183.1
	1924	89	474	49.0	.472	23.12	89.7	225.8	203.2
	1926	113	552	48.9	.486	23.77	89.6	232.5	208.9
	1928	110	541	49.1	.458	22.49	89.9	219.1	197.6
	1930	121	664	48.8	.447	21.81	89.4	213.9	191.7
	1932	129	672	48.9	.354	17.31	89.6	169.4	152.1
<b>Cutters, linings, hand:</b>									
<b>Male</b> -----									
	1920	68	233	47.8	.665	32.88			
	1922	66	229	48.0	.684	32.82			
	1924	73	285	48.4	.685	28.31			
	1926	85	373	49.1	.642	31.52			
	1928	91	338	48.7	.649	31.61			
	1930	101	466	48.6	.630	30.62			
	1932	101	469	48.5	.514	24.93			

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

CUTTING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Cutters, linings, hand—Continued.</b>									
Female.....	1926	6	42	48.9	\$0.307	\$15.01			
	1928	3	6	49.7	.416	20.68			
	1932	5	16	49.5	.297	14.70			
<b>Cutters, linings, machine:</b>									
Male.....	1920	48	111	49.2	.561	27.82			
	1922	42	98	49.6	.552	27.58			
	1924	48	133	49.2	.577	28.39			
	1926	54	197	49.0	.523	25.63			
	1928	54	179	49.2	.566	27.85			
	1930	57	350	49.2	.481	23.67			
	1932	71	322	49.3	.423	20.85			
Female.....	1928	4	7	49.7	.334	16.60			
	1930	6	21	49.7	.394	19.58			
	1932	6	16	49.9	.327	16.32			

SOLE LEATHER DEPARTMENT

<b>Cutters, outsole:</b>									
Male.....	1910	31	143	56.6	\$0.274	\$15.44	102.2	90.4	92.5
	1911	36	146	56.6	.278	15.70	102.2	91.7	94.1
	1912	42	177	56.2	.281	15.75	101.4	92.7	94.4
	1913	42	196	55.4	.303	16.69	100.0	100.0	100.0
	1914	47	225	55.0	.302	16.64	99.3	99.7	99.7
	1916	64	345	54.7	.307	16.74	98.7	101.3	100.3
	1918	76	416	52.1	.405	21.02	94.0	133.7	125.9
	1920	60	331	48.4	.716	34.79	87.4	236.3	208.4
	1922	52	264	48.5	.706	34.09	87.5	233.0	204.3
	1924	53	269	48.4	.731	35.38	87.4	241.3	212.0
	1926	70	273	48.6	.716	34.80	87.7	236.3	208.5
	1928	60	285	49.3	.716	35.30	89.0	236.3	211.5
	1930	48	293	48.6	.744	36.16	87.7	245.5	216.7
	1932	47	218	48.8	.668	32.60	88.1	220.5	195.3
<b>Cutters, insole:</b>									
Male.....	1920	40	184	48.4	.694	33.55			
	1922	43	193	48.3	.680	32.77			
	1924	38	208	48.4	.709	34.32			
	1926	43	217	48.8	.640	31.23			
	1928	54	349	49.2	.644	31.68			
	1930	49	353	49.0	.608	29.79			
	1932	46	293	49.0	.571	27.98			
<b>Rounders, outsole or insole:</b>									
Male.....	1920	73	161	48.8	.576	28.21			
	1922	76	158	48.9	.563	27.48			
	1924	80	153	49.1	.591	29.02			
	1926	103	182	49.1	.629	30.88			
	1928	89	166	49.8	.627	31.22			
	1930	96	187	49.3	.622	30.66			
	1932	102	171	49.5	.509	25.20			
<b>Channelers, outsole or insole:</b>									
Male.....	1910	44	138	56.3	.296	16.61	101.6	88.9	90.2
	1911	57	157	56.3	.289	16.21	101.6	86.8	88.0
	1912	72	200	55.9	.298	16.62	100.9	89.5	90.2
	1913	75	196	55.4	.333	18.42	100.0	100.0	100.0
	1914	77	213	55.2	.331	18.24	99.6	99.4	99.0
	1916	107	255	55.0	.340	18.69	99.3	102.1	101.5
	1918	122	268	52.5	.430	22.42	94.8	129.1	121.7
	1920	108	240	48.8	.696	34.23	88.1	206.0	185.8
	1922	89	198	49.3	.649	32.02	89.0	194.9	173.8
	1924	88	207	49.1	.669	32.85	88.6	200.9	178.3
	1926	100	199	48.9	.709	34.67	88.3	212.9	188.2
	1928	93	193	49.5	.681	33.71	89.4	204.5	188.0
	1930	98	198	49.3	.686	33.82	89.0	206.0	183.6
	1932	95	164	49.3	.550	27.12	89.0	165.2	147.2

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## SOLE LEATHER DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Cutters, top and heel lifts, machine:</b>									
Male.....	1920	47	232	49.0	\$0.513	\$24.95			
	1922	43	364	48.5	.537	25.99			
	1924	33	265	48.3	.512	24.73			
	1926	32	106	48.5	.515	24.98			
	1928	33	131	48.4	.517	25.02			
	1930	25	211	48.8	.554	27.04			
	1932	30	189	48.5	.494	23.96			
<b>Heel builders, hand:</b>									
Male.....	1920	15	58	50.1	.568	28.44			
	1922	15	49	50.4	.495	24.74			
	1924	14	21	50.1	.506	24.35			
	1926	10	18	49.8	.483	24.05			
	1928	11	32	51.6	.388	20.02			
	1930	8	29	48.3	.541	26.13			
	1932	5	8	50.6	.321	16.24			
Female.....	1920	8	60	46.8	.415	19.40			
	1922	9	34	48.0	.429	20.46			
	1924	7	20	48.6	.477	23.18			
	1926	8	19	50.0	.500	25.00			
	1928	5	23	52.0	.403	20.96			
	1930	9	44	48.8	.424	20.69			
	1932	7	14	49.3	.348	17.16			
<b>Heel builders, machine (including compressors):</b>									
Male.....	1920	37	90	49.2	.470	23.19			
	1922	33	119	48.9	.497	24.29			
	1924	24	70	48.6	.516	25.08			
	1926	24	47	48.7	.527	25.66			
	1928	23	79	48.7	.498	24.25			
	1930	26	66	50.0	.483	24.15			
	1932	19	69	49.2	.469	23.07			
Female.....	1920	16	90	47.3	.407	19.38			
	1922	17	214	48.3	.411	19.85			
	1924	17	157	48.2	.442	21.30			
	1926	18	93	48.2	.466	22.46			
	1928	13	124	48.1	.453	21.79			
	1930	16	138	48.8	.418	20.40			
	1932	15	75	48.6	.398	19.10			

## FITTING OR STITCHING DEPARTMENT

<b>Stampers, linings or uppers (including markers):</b>									
Male.....	1920	12	19	48.1	\$0.424	\$20.59			
	1922	11	14	49.4	.411	20.36			
	1924	15	28	49.6	.407	20.19			
	1926	15	34	49.2	.434	21.35			
	1928	7	15	48.0	.621	29.81			
	1930	18	32	50.4	.352	17.74			
	1932	8	17	50.2	.287	14.41			
Female.....	1920	91	281	48.0	.398	19.02			
	1922	90	426	48.6	.369	17.87			
	1924	92	444	46.6	.380	17.71			
	1926	121	670	48.8	.386	18.84			
	1928	123	570	48.9	.400	19.56			
	1930	129	728	48.8	.382	18.64			
	1932	140	703	48.7	.314	15.29			
<b>Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters):</b>									
Male.....	1920	14	21	47.5	.453	21.78			
	1922	8	29	48.2	.528	25.45			
	1924	12	24	47.8	.585	27.96			
	1926	18	42	50.8	.374	19.00			
	1928	5	9	46.2	.636	29.38			
	1930	21	58	47.7	.537	25.61			
	1932	8	26	46.0	.440	20.24			

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Cementers and doublers—Continued.</b>									
Female.....	1920	107	1,133	48.6	\$0.353	\$17.29	-----	-----	-----
	1922	89	913	48.5	.337	16.36	-----	-----	-----
	1924	95	1,031	49.1	.325	16.10	-----	-----	-----
	1926	118	1,426	49.3	.340	16.76	-----	-----	-----
	1928	124	1,318	49.3	.330	16.27	-----	-----	-----
	1930	130	1,636	48.9	.335	16.38	-----	-----	-----
	1932	140	1,638	48.9	.247	12.08	-----	-----	-----
<b>Folders, hand and machine:</b>									
Male.....	1922	5	20	47.8	.715	33.42	-----	-----	-----
	1924	6	38	47.3	.709	33.54	-----	-----	-----
	1926	10	61	45.0	.957	43.07	-----	-----	-----
	1928	11	51	45.4	.805	36.68	-----	-----	-----
	1930	10	70	44.7	1.036	46.31	-----	-----	-----
	1932	7	74	44.3	.683	30.26	-----	-----	-----
Female.....	1920	74	769	48.4	.419	20.43	-----	-----	-----
	1922	71	826	48.4	.413	19.86	-----	-----	-----
	1924	93	840	48.7	.420	20.45	-----	-----	-----
	1926	121	1,002	48.7	.453	22.06	-----	-----	-----
	1928	119	928	48.8	.416	20.30	-----	-----	-----
	1930	130	1,208	48.6	.388	18.86	-----	-----	-----
	1932	138	1,135	48.8	.313	15.27	-----	-----	-----
<b>Perforators:</b>									
Male.....	1920	16	22	48.5	.510	24.44	-----	-----	-----
	1922	28	60	49.0	.482	23.68	-----	-----	-----
	1924	16	42	48.4	.512	24.78	-----	-----	-----
	1926	12	30	48.2	.614	29.59	-----	-----	-----
	1928	18	34	48.3	.648	31.30	-----	-----	-----
	1930	18	41	47.8	.616	29.44	-----	-----	-----
	1932	43	100	48.5	.469	22.75	-----	-----	-----
Female.....	1920	82	218	48.2	.434	21.19	-----	-----	-----
	1922	84	422	48.3	.444	21.43	-----	-----	-----
	1924	90	295	49.4	.430	21.24	-----	-----	-----
	1926	102	372	49.5	.441	21.83	-----	-----	-----
	1928	96	269	49.4	.424	20.95	-----	-----	-----
	1930	99	272	49.1	.430	21.11	-----	-----	-----
	1932	112	346	48.9	.343	16.77	-----	-----	-----
<b>Tip stitchers:</b>									
Male.....	1932	5	5	49.2	.442	21.75	-----	-----	-----
Female.....	1911	36	134	55.8	.205	11.38	102.0	93.6	95.3
	1912	79	335	54.9	.208	11.36	100.4	95.0	95.1
	1913	79	337	54.7	.219	11.94	100.0	100.0	100.0
	1914	83	348	54.2	.219	11.87	99.1	100.0	99.4
	1916	124	442	54.0	.231	12.45	98.7	105.5	104.3
	1918	125	437	51.8	.288	14.86	94.7	131.5	124.5
	1920	106	355	48.7	.447	21.77	89.0	204.1	182.3
	1922	92	362	48.6	.424	20.68	88.8	193.6	173.2
	1924	86	284	48.9	.475	23.23	89.4	216.9	194.6
	1926	84	327	48.7	.480	23.38	89.0	219.2	195.8
	1928	69	260	48.8	.440	21.47	89.2	200.9	179.8
	1930	58	300	48.7	.432	21.04	89.0	197.3	176.2
	1932	62	245	48.6	.356	17.30	88.8	162.6	144.9
<b>Closers or seamers:</b>									
Male.....	1920	10	19	47.6	.628	30.72	-----	-----	-----
	1922	8	12	48.2	.487	22.88	-----	-----	-----
	1924	5	11	48.4	.496	24.00	-----	-----	-----
	1926	7	21	47.9	.633	30.32	-----	-----	-----
	1928	8	16	47.8	.624	29.83	-----	-----	-----
	1932	9	13	46.7	.527	24.61	-----	-----	-----
Female.....	1920	97	441	48.8	.396	19.48	-----	-----	-----
	1922	92	409	49.1	.370	18.23	-----	-----	-----
	1924	98	383	49.3	.397	19.57	-----	-----	-----
	1926	119	413	49.3	.403	19.87	-----	-----	-----
	1928	117	379	49.5	.407	20.15	-----	-----	-----
	1930	122	398	49.0	.404	19.80	-----	-----	-----
	1932	129	321	48.8	.331	16.15	-----	-----	-----

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Seam rubbers, hand and machine:</b>									
<b>Male</b> -----									
	1920	16	28	48.7	\$0.404	\$19.23			
	1922	18	26	47.6	.348	16.48			
	1924	15	20	48.4	.407	19.70			
	1926	14	21	48.1	.481	23.14			
	1928	13	20	48.0	.408	19.58			
	1930	11	18	47.4	.409	19.39			
	1932	10	12	47.9	.370	17.72			
<b>Female</b> -----									
	1920	69	157	49.1	.304	15.21			
	1922	49	99	48.5	.302	14.79			
	1924	53	88	47.8	.323	15.44			
	1926	62	100	48.9	.341	16.67			
	1928	50	106	49.3	.346	17.06			
	1930	75	159	49.4	.333	16.45			
	1932	78	163	48.8	.284	13.86			
<b>Lining makers (including lining closers and side and top facing stitchers):</b>									
<b>Male</b> -----									
	1930	6	12	47.5	.716	34.01			
	1932	7	20	47.3	.436	20.62			
<b>Female</b> -----									
	1910	53	585	56.5	.164	9.19	103.5	86.3	88.5
	1911	72	721	56.5	.166	9.28	103.5	87.4	89.4
	1912	80	764	55.0	.170	9.31	100.7	89.5	89.7
	1913	80	854	54.6	.190	10.38	100.0	100.0	100.0
	1914	84	852	54.1	.189	10.21	99.1	99.5	98.4
	1916	126	1,004	53.9	.198	10.69	98.7	104.2	103.0
	1918	132	1,138	51.5	.241	12.35	94.3	126.8	119.0
	1920	112	1,149	48.6	.378	18.40	89.0	198.9	177.3
	1922	97	1,055	48.8	.362	17.71	89.4	190.5	170.6
	1924	100	1,012	49.3	.369	18.19	90.3	194.2	175.2
	1926	124	1,170	49.3	.413	20.36	90.3	217.4	196.1
	1928	129	1,046	49.2	.398	19.58	90.1	209.5	188.6
	1930	137	1,075	48.8	.395	19.28	89.4	207.9	185.7
	1932	143	1,004	48.9	.310	15.16	89.6	163.2	146.1
<b>Closers-on:</b>									
<b>Female</b> -----									
	1910	49	262	57.1	.178	10.13	105.0	91.8	96.2
	1911	65	350	56.9	.180	10.18	104.6	92.8	96.7
	1912	74	344	55.0	.186	10.17	101.1	95.8	96.6
	1913	74	349	54.4	.194	10.53	100.0	100.0	100.0
	1914	77	347	53.9	.193	10.42	99.1	99.5	99.0
	1916	83	360	53.6	.204	10.95	98.5	105.2	104.0
	1918	90	351	52.0	.237	12.28	95.6	122.2	116.6
	1920	47	133	49.4	.355	17.98	90.8	184.5	170.8
	1922	35	129	50.2	.394	19.88	92.3	203.1	188.8
	1924	22	63	49.5	.415	20.55	91.0	213.9	195.2
	1926	13	27	50.3	.336	16.90	92.5	173.2	160.5
	1928	3	7	49.1	.382	18.76	90.3	196.9	178.2
	1930	25	57	49.9	.366	18.26	91.7	183.7	173.4
	1932	10	13	49.8	.340	16.93	91.5	175.3	160.8
<b>Top stitchers (including undertrimmers and barber trimmers):</b>									
<b>Male</b> -----									
	1920	16	57	48.0	.639	30.74			
	1922	19	64	48.1	.657	31.59			
	1924	21	78	47.9	.675	32.33			
	1926	27	90	47.1	.773	36.41			
	1928	30	132	47.9	.830	39.76			
	1930	32	113	47.2	.787	37.15			
	1932	34	115	47.2	.603	28.46			
<b>Female</b> -----									
	1910	53	721	56.3	.188	10.69	103.1	89.5	93.2
	1911	73	911	56.9	.194	10.95	104.2	92.4	95.5
	1912	82	1,033	54.9	.198	10.81	100.5	94.3	94.2
	1913	82	1,070	54.6	.210	11.47	100.0	100.0	100.0
	1914	86	1,076	54.2	.212	11.48	99.3	101.0	100.1
	1916	128	1,427	54.0	.220	11.87	98.9	104.8	103.5
	1918	135	1,364	51.6	.285	14.57	94.5	135.7	127.0
	1920	112	1,187	48.5	.448	21.94	88.8	213.3	191.3
	1922	100	1,195	48.8	.433	21.16	89.4	206.2	184.5

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Top stitchers—Continued.</b>									
<b>Female</b> -----									
	1924	97	1,184	49.3	\$0.462	\$22.77	90.3	220.0	198.5
	1926	121	1,469	49.3	.486	23.96	90.3	231.4	208.9
	1928	124	1,399	49.4	.451	22.28	90.5	214.8	194.2
	1930	132	1,648	49.1	.419	20.57	89.9	199.5	179.3
	1932	137	1,449	49.0	.338	16.56	89.7	161.0	144.4
<b>Binders (including top banders):</b>									
<b>Male</b> -----									
	1930	11	38	46.9	.895	41.98			
	1932	15	31	46.4	.670	31.09			
<b>Female</b> -----									
	1920	36	141	50.3	.455	23.03			
	1922	49	257	49.3	.485	23.75			
	1924	65	361	49.1	.478	23.47			
	1926	88	461	49.2	.560	27.55			
	1928	92	534	49.2	.492	24.21			
	1930	105	615	48.9	.439	21.47			
	1932	97	496	49.0	.358	17.54			
<b>Buttonhole makers:</b>									
<b>Female</b> -----									
	1911	33	108	56.3	.176	9.83	102.9	90.7	92.7
	1912	74	468	55.1	.180	9.87	100.7	92.8	93.1
	1913	74	517	54.7	.194	10.60	100.0	100.0	100.0
	1914	80	506	53.9	.198	10.70	98.5	102.1	100.9
	1916	113	466	53.8	.217	11.65	98.4	111.9	109.9
	1918	82	140	52.2	.262	13.62	95.4	135.1	128.5
	1920	46	70	49.3	.391	19.48	90.1	201.5	183.8
	1922	47	83	49.6	.369	18.20	90.7	190.2	171.7
	1924	44	66	49.3	.350	18.73	90.1	195.9	176.7
	1926	65	110	49.1	.444	21.80	89.8	228.9	205.7
	1928	57	81	49.2	.401	19.73	89.9	206.7	186.1
	1930	34	42	49.4	.390	19.27	90.3	201.0	181.8
	1932	11	12	50.2	.331	16.62	91.8	170.6	156.8
<b>Button fasteners:</b>									
<b>Female</b> -----									
	1911	26	55	56.4	.157	8.88	102.9	78.9	81.1
	1912	72	205	55.3	.177	9.78	100.9	88.9	89.3
	1913	72	232	54.8	.199	10.95	100.0	100.0	100.0
	1914	66	198	53.7	.197	10.57	98.0	99.0	96.5
	1916	94	195	53.8	.211	11.32	98.2	106.0	103.4
	1918	64	102	52.7	.230	12.06	96.2	115.6	110.1
	1920	33	44	48.4	.386	18.56	88.3	194.0	169.5
	1922	44	76	49.2	.338	16.51	89.8	169.8	150.8
	1924	38	68	49.4	.332	16.40	90.1	166.8	149.8
	1926	49	80	50.0	.389	19.45	91.2	195.5	177.6
	1928	30	48	49.8	.352	17.53	90.9	176.9	160.1
	1930	50	117	48.7	.334	16.27	88.9	167.8	148.6
	1932	60	105	48.5	.325	15.76	88.5	163.3	143.9
<b>Eyeleters (including hookers):</b>									
<b>Male</b> -----									
	1920	31	75	48.4	.582	28.08			
	1922	31	73	48.3	.514	24.64			
	1924	33	68	49.2	.578	28.44			
	1926	39	74	49.0	.557	27.29			
	1928	36	59	48.8	.588	28.69			
	1930	46	79	48.7	.503	24.50			
	1932	42	70	48.8	.451	22.01			
<b>Female</b> -----									
	1918	92	223	51.7	.268	13.64			
	1920	92	232	48.7	.442	21.61			
	1922	71	160	49.2	.415	20.26			
	1924	69	119	49.1	.444	21.80			
	1926	66	128	48.7	.473	23.04			
	1928	62	110	49.7	.435	21.62			
	1930	71	135	49.4	.408	20.16			
	1932	87	133	49.1	.333	16.35			
<b>Vampers:</b>									
<b>Male</b> -----									
	1910	33	263	55.5	.293	16.24	101.3	91.6	93.0
	1911	51	343	55.5	.315	17.42	101.3	98.4	99.7
	1912	66	483	55.0	.306	16.76	100.4	95.6	95.9
	1913	66	554	54.8	.320	17.47	100.0	100.0	100.0
	1914	65	534	54.6	.312	17.04	99.6	97.5	97.5
	1916	82	624	54.6	.333	18.14	99.6	104.1	103.8
	1918	83	573	51.5	.442	22.73	94.0	138.1	130.1

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Vampers—Continued.</b>									
<b>Male</b> -----									
	1920	55	400	47.9	\$0.700	\$33.85	87.4	218.8	193.8
	1922	52	357	47.8	.628	30.09	87.2	196.3	172.2
	1924	49	304	48.2	.707	34.08	88.0	220.9	195.1
	1926	63	294	48.2	.741	35.72	88.0	231.6	204.5
	1928	54	270	48.2	.727	35.04	88.0	227.2	200.6
	1930	64	347	48.2	.672	32.39	88.0	210.0	185.4
	1932	67	283	48.2	.569	27.43	88.0	177.8	157.0
<b>Female</b> -----									
	1910	53	863	56.9	.239	13.46	104.0	96.7	100.1
	1911	71	1,124	56.5	.233	13.46	103.3	96.7	100.1
	1912	79	1,088	55.1	.230	12.68	100.7	93.5	94.3
	1913	79	1,072	54.7	.246	13.45	100.0	100.0	100.0
	1914	85	1,116	54.1	.243	13.44	98.9	98.8	97.7
	1916	121	1,383	53.9	.254	13.66	98.5	103.3	101.6
	1918	132	1,477	51.7	.312	16.11	94.5	126.8	119.8
	1920	111	1,313	48.8	.506	25.09	89.2	205.7	186.5
	1922	98	1,142	49.0	.480	23.54	89.6	195.1	175.0
	1924	99	1,053	49.4	.519	25.64	90.3	211.0	190.6
	1926	123	1,170	49.1	.531	26.07	89.8	215.9	193.8
	1928	119	1,022	49.3	.505	24.90	90.1	205.3	185.1
	1930	125	1,164	49.1	.465	22.83	89.8	189.0	169.7
	1932	131	1,097	49.0	.355	17.40	89.6	144.3	129.4
<b>Barrers (including tackers):</b>									
<b>Female</b> -----									
	1920	69	138	48.5	.388	19.21	-----	-----	-----
	1922	64	110	48.7	.368	17.93	-----	-----	-----
	1924	62	106	49.1	.393	19.30	-----	-----	-----
	1926	57	96	49.5	.389	19.26	-----	-----	-----
	1928	39	57	49.5	.393	19.45	-----	-----	-----
	1930	36	66	49.5	.395	19.55	-----	-----	-----
	1932	46	75	49.4	.326	16.10	-----	-----	-----
<b>Tongue stitchers:</b>									
<b>Female</b> -----									
	1920	69	194	48.8	.343	16.95	-----	-----	-----
	1922	63	205	48.7	.362	17.75	-----	-----	-----
	1924	62	159	49.0	.413	20.24	-----	-----	-----
	1926	68	223	48.8	.401	19.57	-----	-----	-----
	1928	65	203	49.0	.386	18.91	-----	-----	-----
	1930	78	267	49.0	.371	18.18	-----	-----	-----
	1932	77	247	49.0	.297	14.55	-----	-----	-----
<b>Fancy stitchers:</b>									
<b>Male</b> -----									
	1926	16	46	47.4	.763	36.17	-----	-----	-----
	1928	20	135	47.2	.778	36.72	-----	-----	-----
	1930	32	165	46.7	.834	38.95	-----	-----	-----
	1932	34	176	46.9	.592	27.76	-----	-----	-----
<b>Female</b> -----									
	1920	43	179	47.7	.459	22.50	-----	-----	-----
	1922	75	764	48.6	.444	21.54	-----	-----	-----
	1924	86	1,467	49.1	.451	22.14	-----	-----	-----
	1926	112	2,398	49.4	.452	22.33	-----	-----	-----
	1928	124	2,534	49.4	.423	20.90	-----	-----	-----
	1930	133	3,265	49.1	.400	19.64	-----	-----	-----
	1932	139	3,486	48.9	.301	14.72	-----	-----	-----
<b>Backstay stitchers (including back strappers):</b>									
<b>Female</b> -----									
	1910	49	307	56.6	.177	9.95	103.5	90.8	93.7
	1911	67	392	56.5	.185	10.42	103.3	94.9	98.1
	1912	78	426	55.1	.187	10.31	100.7	95.9	97.1
	1913	78	389	54.7	.195	10.62	100.0	100.0	100.0
	1914	82	432	54.3	.197	10.68	99.3	101.0	100.6
	1916	125	575	54.0	.213	11.47	98.7	109.2	108.0
	1918	124	560	51.9	.261	13.49	94.9	133.8	127.0
	1920	98	428	48.7	.417	20.52	89.0	213.8	193.2
	1922	83	402	48.8	.378	18.47	89.2	193.8	173.9
	1924	67	267	49.2	.413	20.32	89.9	211.8	191.3
	1926	85	337	48.8	.433	21.13	89.2	222.1	199.0
	1928	77	279	49.1	.419	20.57	89.8	214.9	193.7
	1930	82	317	49.1	.393	19.30	89.8	201.5	181.7
	1932	77	223	49.0	.326	15.97	89.6	167.2	150.4

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Table workers:</b>									
<b>Male</b> .....	1932	6	8	47.3	\$0.324	\$15.33			
<b>Female</b> .....	1920	47	332	47.3	.327	15.78			
	1922	86	797	48.7	.285	13.85			
	1924	80	700	48.6	.302	14.68			
	1926	98	893	48.4	.303	14.67			
	1928	88	672	48.3	.318	15.36			
	1930	113	972	48.4	.314	15.20			
	1932	128	1,007	48.4	.248	12.00			
<b>Lacers (before lasting):</b>									
<b>Male</b> .....	1920	9	14	48.1	.441	21.48			
	1922	8	12	47.8	.325	14.39			
	1924	7	13	48.0	.430	20.64			
	1926	7	10	48.6	.356	17.30			
	1928	6	6	49.7	.428	21.27			
	1932	13	17	48.0	.351	16.85			
<b>Female</b> .....	1920	86	193	48.5	.348	16.94			
	1922	71	142	48.5	.367	17.86			
	1924	67	124	49.3	.399	19.67			
	1926	72	112	48.9	.386	18.88			
	1928	83	128	49.3	.373	18.39			
	1930	87	152	49.1	.355	17.43			
	1932	96	143	49.1	.291	14.29			

LASTING DEPARTMENT

<b>Last pickers or sorters (including last casers):</b>									
<b>Male</b> .....	1920	72	271	48.3	\$0.456	\$22.05			
	1922	81	238	48.8	.426	20.78			
	1924	85	262	48.3	.455	21.98			
	1926	106	291	49.2	.491	24.16			
	1928	105	245	49.3	.477	23.52			
	1930	112	308	49.0	.465	22.79			
	1932	117	248	49.0	.403	19.75			
<b>Assemblers for pulling-over machine:</b>									
<b>Male</b> .....	1911	17	218	55.4	.274	15.14	100.0	100.7	100.9
	1912	50	542	55.8	.238	13.21	100.7	87.5	88.0
	1913	54	597	55.4	.272	15.01	100.0	100.0	100.0
	1914	64	708	55.3	.279	15.37	99.8	102.6	102.4
	1916	97	801	55.0	.291	16.02	99.3	107.0	106.7
	1918	102	726	52.6	.398	20.85	94.9	146.3	138.9
	1920	88	691	48.6	.688	31.49	87.7	294.6	209.8
	1922	70	593	49.0	.567	27.94	88.4	208.5	186.1
	1924	81	421	49.3	.554	27.51	89.0	203.7	181.9
	1926	113	541	49.1	.596	29.26	88.6	219.1	194.9
	1928	116	537	49.0	.577	28.27	88.4	212.1	188.3
	1930	125	624	49.0	.568	27.53	88.4	208.8	185.4
	1932	138	574	49.1	.471	23.13	88.6	173.2	154.1
<b>Female</b> .....	1920	23	77	48.5	.500	24.20			
	1922	15	58	49.0	.434	21.35			
	1924	8	35	50.0	.399	19.95			
	1926	9	36	49.6	.422	20.83			
	1928	10	26	49.9	.501	25.00			
	1930	9	32	49.4	.452	22.33			
	1932	16	43	48.9	.339	16.68			
<b>Pullers-over, hand:</b>									
<b>Male</b> .....	1910	35	784	56.4	.291	16.38	102.0	87.4	89.2
	1911	45	897	56.3	.312	17.50	101.8	93.7	95.3
	1912	52	1,036	55.3	.316	17.41	100.0	94.9	94.8
	1913	52	937	55.3	.333	18.37	100.0	100.0	100.0
	1914	49	749	54.9	.350	19.21	99.3	105.1	104.6
	1916	46	543	54.8	.347	18.99	99.1	104.2	103.4
	1918	35	344	51.7	.478	24.62	93.5	143.5	134.0

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## LASTING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Pullers-over, hand—Continued.</b>									
Male.....	1920	25	211	47.0	\$0.803	\$38.17	85.0	241.1	207.8
	1922	16	97	46.7	.813	38.29	84.4	244.1	208.4
	1924	14	50	49.3	.704	34.71	89.2	211.4	188.9
	1926	11	47	47.5	.828	39.33	85.9	248.6	214.1
	1928	13	32	48.4	.710	34.36	87.5	213.2	187.0
	1930	9	23	49.3	.683	33.67	89.2	205.1	183.3
	1932	8	22	49.7	.570	28.33	89.9	171.2	154.2
<b>Pullers-over, machine:</b>									
Male.....	1910	31	251	57.4	.320	18.37	103.6	91.2	94.6
	1911	43	328	56.1	.325	18.18	101.3	92.6	93.6
	1912	60	402	55.8	.312	17.39	100.7	88.9	89.5
	1913	60	421	55.4	.351	19.42	100.0	100.0	100.0
	1914	71	443	55.5	.356	19.66	100.2	101.4	101.2
	1916	116	640	55.0	.377	20.70	99.3	107.4	106.6
	1918	124	612	52.6	.512	26.77	94.9	145.9	137.8
	1920	101	552	48.8	.837	41.08	88.1	238.5	211.5
	1922	91	554	48.9	.732	36.06	88.3	208.5	185.7
	1924	92	467	49.3	.737	36.34	89.0	210.0	187.1
	1926	121	576	49.2	.766	37.69	88.8	218.2	194.1
	1928	120	537	49.2	.740	36.41	88.8	210.8	187.5
	1930	130	603	49.1	.715	35.11	88.6	203.7	180.8
	1932	140	598	49.1	.576	28.28	88.6	164.1	145.6
<b>Side lasters, hand:</b>									
Male.....	1913	20	224	54.2	.303	16.40	100.0	100.0	100.0
	1914	20	237	54.0	.308	16.59	99.6	101.7	101.2
	1916	40	358	54.1	.325	17.57	99.8	107.3	107.1
	1918	43	394	51.9	.440	22.74	95.8	145.2	138.7
	1920	42	445	48.2	.708	35.35	88.9	233.7	215.5
	1922	31	362	47.8	.614	29.28	88.2	202.6	178.5
	1924	40	388	48.1	.690	33.19	88.7	227.7	202.4
	1926	38	287	47.8	.740	35.37	88.2	244.2	215.7
	1928	31	128	48.2	.690	33.26	88.9	227.7	202.8
	1930	23	148	49.3	.637	31.40	91.0	210.2	191.5
	1932	17	105	46.1	.559	25.77	85.1	184.5	157.1
<b>Side lasters, machine:</b>									
Male.....	1913	16	155	56.1	.323	18.23	100.0	100.0	100.0
	1914	16	167	54.3	.343	18.54	96.8	106.2	101.7
	1916	45	291	54.9	.339	18.53	97.9	105.0	101.6
	1918	57	292	52.2	.468	24.35	93.0	144.9	133.6
	1920	51	322	48.9	.772	37.68	87.2	239.0	206.7
	1922	56	338	49.3	.620	30.79	87.9	192.0	168.9
	1924	64	402	49.5	.617	30.54	88.2	191.0	167.5
	1926	93	616	49.5	.675	33.41	88.2	209.0	183.3
	1928	104	660	49.3	.661	32.59	87.9	204.6	178.8
	1930	117	736	49.0	.663	32.49	87.3	205.3	178.2
	1932	124	757	48.6	.529	25.71	86.6	163.8	141.0
<b>Bed-machine operators:</b>									
Male.....	1910	35	513	56.4	.311	17.50	102.2	94.2	96.1
	1911	54	793	56.1	.321	17.96	101.6	97.3	98.6
	1912	65	1,127	55.6	.300	16.67	100.7	90.9	91.5
	1913	65	1,220	55.2	.330	18.21	100.0	100.0	100.0
	1914	70	1,173	55.1	.321	17.68	99.8	97.3	97.1
	1916	93	1,336	55.0	.349	19.13	99.6	105.8	105.1
	1918	104	1,303	52.1	.500	25.98	94.4	151.5	142.7
	1920	93	1,252	48.7	.789	38.61	88.2	239.1	212.0
	1922	86	1,167	48.9	.668	32.78	88.6	202.4	180.0
	1924	92	1,082	49.1	.692	33.98	88.9	209.7	186.6
	1926	121	1,279	49.1	.700	34.37	88.9	212.1	188.7
	1928	117	1,207	49.2	.682	33.55	89.1	206.7	184.2
	1930	130	1,478	49.1	.657	32.26	88.9	199.1	177.2
	1932	132	1,355	49.1	.515	25.29	88.9	156.1	138.9
<b>Hand-method lasting machine operators:</b>									
Male.....	1910	33	325	57.4	.306	17.49	103.8	85.7	88.7
	1911	39	477	57.0	.316	17.96	103.1	88.5	91.1
	1912	39	478	55.8	.324	18.03	100.9	90.8	91.4
	1913	41	449	55.3	.357	19.72	100.0	100.0	100.0
	1914	41	456	55.5	.348	19.25	100.4	97.5	97.6
	1916	66	556	55.1	.361	19.82	99.6	101.0	100.8

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

LASTING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Hand-method lasting machine operators—Continued.</b>									
Male.....	1918	59	411	52.9	\$0.479	\$25.22	95.7	134.2	127.6
	1920	30	213	48.9	.795	39.06	88.4	222.7	198.1
	1922	27	178	49.3	.735	36.38	89.2	205.9	184.5
	1924	12	97	48.5	.694	33.66	87.7	194.4	170.7
	1926	14	68	48.9	.700	34.25	88.4	196.1	173.6
	1928	9	101	47.2	.856	40.40	85.4	239.8	204.9
	1930	19	74	49.4	.673	33.25	89.3	188.5	168.6
	1932	18	90	50.1	.546	27.35	90.6	152.9	138.7
<b>Turn lasters, hand (including first and second lasters):</b>									
Male.....	1912	28	452	55.6	.275	15.25	101.0	88.7	89.7
	1915	28	524	55.0	.310	17.00	100.0	100.0	100.0
	1914	31	689	54.4	.324	17.56	98.9	104.5	103.3
	1916	42	974	54.9	.365	20.07	99.8	117.7	118.1
	1918	35	752	53.8	.453	24.34	97.8	146.1	143.2
	1920	33	666	47.1	.880	42.49	85.6	283.9	249.9
	1922	30	571	48.5	.732	35.78	88.2	236.1	210.4
	1924	31	496	48.2	.790	38.08	87.6	254.8	224.0
	1926	35	728	47.7	.870	41.50	86.7	280.6	244.0
	1928	31	706	47.9	.831	39.80	87.1	268.1	234.1
	1930	24	789	46.5	.780	36.27	84.5	251.6	213.4
	1932	18	541	46.4	.546	25.33	84.4	176.1	149.0
<b>Turn lasters, machine:</b>									
Male.....	1920	10	102	48.6	.756	37.35	-----	-----	-----
	1922	7	31	48.1	.630	30.50	-----	-----	-----
	1924	7	26	48.5	.604	29.29	-----	-----	-----
	1926	5	86	48.3	.835	40.33	-----	-----	-----
	1928	3	50	52.0	.575	29.90	-----	-----	-----
	1932	3	7	47.5	.684	32.49	-----	-----	-----
<b>Turn sewers:</b>									
Male.....	1916	29	81	54.4	.442	24.00	-----	-----	-----
	1918	25	67	53.7	.500	26.75	-----	-----	-----
	1920	30	71	49.1	.926	46.26	-----	-----	-----
	1922	25	55	49.8	.801	40.14	-----	-----	-----
	1924	30	63	49.3	.819	40.38	-----	-----	-----
	1926	28	66	48.9	.857	41.91	-----	-----	-----
	1928	28	66	49.6	.873	43.30	-----	-----	-----
	1930	15	38	48.0	1.058	50.78	-----	-----	-----
	1932	16	35	46.8	.750	35.10	-----	-----	-----
<b>Tack pullers, hand and machine:</b>									
Male.....	1920	70	425	47.5	.459	22.12	-----	-----	-----
	1922	62	348	48.6	.423	20.61	-----	-----	-----
	1924	79	331	48.9	.436	21.32	-----	-----	-----
	1926	98	321	49.3	.462	22.78	-----	-----	-----
	1928	95	284	49.2	.448	22.04	-----	-----	-----
	1930	103	315	49.0	.415	20.34	-----	-----	-----
	1932	114	317	49.2	.352	17.32	-----	-----	-----
Female.....	1920	7	21	49.0	.349	16.84	-----	-----	-----
	1922	5	23	48.9	.299	14.57	-----	-----	-----
	1924	2	7	50.0	.375	18.75	-----	-----	-----
	1926	3	8	49.0	.298	14.60	-----	-----	-----
	1932	7	12	49.2	.286	14.07	-----	-----	-----

BOTTOMING DEPARTMENT

<b>Goodyear welters (including in-seamers):</b>									
Male.....	1910	45	275	56.2	\$0.437	\$24.49	101.6	87.2	88.7
	1911	60	392	56.0	.452	25.21	101.3	90.2	91.3
	1912	70	466	55.8	.445	25.75	100.9	88.8	89.7
	1913	70	472	55.3	.501	27.60	100.0	100.0	100.0
	1914	74	439	55.2	.503	27.68	99.8	100.4	100.3
	1916	89	467	54.9	.520	28.50	99.3	103.8	103.3
	1918	93	469	53.3	.620	32.29	94.6	123.8	117.0
	1920	80	415	48.6	.974	47.81	87.9	194.4	173.2

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## BOTTOMING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Goodyear welters—Continued.</b>									
Male.....	1922	74	375	48.4	\$0.889	\$43.30	87.5	177.4	156.9
	1924	76	336	48.7	.929	45.24	88.1	185.4	163.9
	1926	92	358	48.7	.938	45.68	88.1	187.2	165.5
	1928	86	328	49.1	.890	43.61	88.8	177.6	158.0
	1930	92	377	49.0	.820	40.18	88.6	163.7	145.6
	1932	92	336	48.9	.668	32.67	88.4	133.3	118.4
<b>Welt beaters and slashers:</b>									
Male.....	1920	70	156	48.6	.588	28.85			
	1922	63	107	48.9	.531	25.98			
	1924	61	107	48.8	.533	25.26			
	1926	80	147	48.8	.569	27.77			
	1928	63	118	49.9	.508	25.35			
	1930	72	152	49.1	.524	25.73			
	1932	82	134	49.1	.404	19.84			
<b>Bottom fillers, hand and machine:</b>									
Male.....	1920	69	131	48.7	.568	27.20			
	1922	69	125	48.7	.500	24.45			
	1924	66	126	49.1	.511	25.09			
	1926	82	158	49.2	.507	24.94			
	1928	81	139	49.3	.512	25.24			
	1930	85	198	49.3	.445	21.94			
	1932	103	181	49.4	.356	17.59			
Female.....	1932	7	14	49.5	.280	13.86			
<b>Roughers for cement:</b>									
Male.....	1932	35	92	49.7	.400	19.88			
Female.....	1932	4	6	48.8	.235	11.47			
<b>Sole cementers, hand and machine (including bottom cementers):</b>									
Male.....	1920	70	134	48.8	.425	20.85			
	1922	68	143	48.8	.408	20.11			
	1924	59	110	49.0	.432	21.17			
	1926	70	145	48.9	.456	22.30			
	1928	61	110	49.1	.425	20.87			
	1930	76	176	49.2	.425	20.91			
	1932	89	184	49.3	.321	15.83			
Female.....	1920	20	30	48.9	.336	16.33			
	1922	8	10	50.3	.343	17.41			
	1924	9	14	50.7	.373	18.91			
	1926	6	9	48.4	.317	15.34			
	1928	5	9	50.8	.342	17.37			
	1930	17	51	49.1	.368	18.07			
	1932	40	121	49.0	.276	13.52			
<b>Sole layers, hand and machine:</b>									
Male.....	1920	77	249	48.6	.697	33.87			
	1922	79	238	48.5	.644	31.23			
	1924	79	247	49.2	.600	29.52			
	1926	98	284	49.1	.636	31.23			
	1928	113	237	49.0	.656	32.14			
	1930	114	280	49.2	.594	29.22			
	1932	117	250	49.1	.492	24.16			
<b>Rough rounders:</b>									
Male.....	1910	44	165	56.7	.406	22.85	102.7	81.7	83.5
	1911	60	221	56.3	.436	24.44	102.0	87.7	89.3
	1912	69	273	55.9	.435	24.21	101.3	87.5	88.5
	1913	69	265	55.2	.497	27.37	100.0	100.0	100.0
	1914	73	252	55.1	.503	27.64	99.8	101.2	101.0
	1916	91	296	54.9	.491	26.89	99.5	98.8	98.2
	1918	97	285	52.4	.593	31.99	94.9	119.3	116.9
	1920	82	240	48.7	.928	45.68	85.2	186.7	166.9
	1922	75	228	48.7	.818	40.00	88.2	164.6	146.1
	1924	76	212	48.7	.846	41.20	88.2	170.2	150.5
	1926	91	241	48.8	.825	40.26	88.4	166.0	147.1
	1928	84	226	48.7	.815	39.69	88.2	164.0	145.0
	1930	88	278	49.1	.751	36.87	88.9	151.1	134.7
	1932	90	228	49.2	.602	29.62	89.1	121.1	108.2

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

**BOTTOMING DEPARTMENT—Continued**

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Channel openers and channel closers (including channel layers, channel turners, channel cementers, and lip turners):</b>									
<b>Male</b> -----									
	1920	87	280	49.0	\$0.488	\$23.75			
	1922	73	255	49.2	.443	21.76			
	1924	75	243	48.9	.480	23.47			
	1926	90	303	49.4	.508	25.10			
	1928	92	287	49.4	.512	25.29			
	1930	98	336	48.9	.506	24.74			
	1932	95	240	49.2	.369	18.15			
<b>Female</b> -----									
	1920	17	44	49.8	.338	17.66			
	1922	14	29	50.0	.380	19.64			
	1924	4	10	50.8	.253	12.85			
	1926	20	68	48.9	.444	21.71			
	1928	16	43	48.8	.417	20.35			
	1930	28	65	48.9	.417	20.39			
	1932	30	58	48.8	.374	18.25			
<b>Goodyear stitchers:</b>									
<b>Male</b> -----									
	1910	45	366	56.3	.374	20.97	102.0	93.7	95.5
	1911	61	529	55.9	.387	21.56	101.3	97.0	98.2
	1912	70	627	55.9	.376	20.96	101.3	94.2	95.4
	1913	70	642	55.2	.399	21.96	100.0	100.0	100.0
	1914	74	594	55.1	.410	22.57	99.8	102.8	102.8
	1916	97	656	54.8	.437	23.87	99.3	109.5	108.7
	1918	105	680	52.4	.527	27.47	94.9	132.1	125.1
	1920	86	599	48.6	.818	40.07	88.0	205.0	182.5
	1922	77	543	48.6	.755	36.67	88.0	189.2	167.0
	1924	79	505	48.8	.773	37.72	88.4	193.7	171.8
	1926	98	517	48.9	.776	37.95	88.6	194.5	172.8
	1928	89	461	48.9	.768	37.46	88.6	192.0	170.6
	1930	100	576	49.1	.727	35.70	88.9	182.2	162.6
	1932	95	486	49.0	.585	28.67	88.8	146.6	130.6
<b>McKay sewers:</b>									
<b>Male</b> -----									
	1910	28	95	57.1	.290	16.46	102.7	90.9	93.0
	1911	30	129	56.5	.296	16.63	101.6	92.8	94.0
	1912	32	131	56.1	.286	16.00	100.9	89.7	90.4
	1913	32	136	55.6	.319	17.70	100.0	100.0	100.0
	1914	39	147	55.7	.338	18.77	100.2	106.0	106.0
	1916	61	210	55.2	.349	19.51	99.3	109.4	110.2
	1918	62	203	52.9	.449	23.56	95.1	140.8	133.1
	1920	45	158	49.4	.711	35.53	88.8	222.9	200.7
	1922	39	138	50.2	.659	33.88	90.3	206.6	191.4
	1924	34	104	50.3	.644	32.39	90.5	201.9	183.0
	1926	51	159	50.1	.667	34.42	90.1	215.4	194.5
	1928	50	138	49.4	.755	37.30	88.8	236.7	210.7
	1930	54	151	49.6	.684	33.93	89.2	214.4	191.7
	1932	46	128	49.4	.550	27.17	88.8	172.4	153.5
<b>Sole attachers, cement:</b>									
<b>Male</b> -----									
	1932	39	88	49.6	.495	24.55			
<b>Stitch separators (including stitch wheelers):</b>									
<b>Male</b> -----									
	1920	63	156	49.0	.558	27.16			
	1922	45	108	48.7	.498	24.45			
	1924	48	91	49.1	.558	27.40			
	1926	55	111	48.8	.528	25.77			
	1928	55	117	49.1	.533	26.17			
	1930	68	168	49.1	.491	24.11			
	1932	48	110	48.9	.413	20.20			
<b>Levelers:</b>									
<b>Male</b> -----									
	1911	36	102	55.8	.297	16.49	101.1	97.7	98.5
	1912	75	268	55.9	.286	15.90	101.3	94.1	95.0
	1913	75	289	55.2	.304	16.74	100.0	100.0	100.0
	1920	94	323	48.9	.650	32.09	88.6	213.8	191.7
	1922	96	318	49.0	.580	28.43	88.8	190.8	109.8
	1924	97	315	49.1	.597	29.31	88.9	196.4	175.1
	1926	119	345	49.4	.655	32.36	89.5	215.5	193.3
	1928	122	318	49.3	.648	31.95	89.3	213.2	190.9

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## BOTTOMING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Levelers—Continued.</b>									
Male.....	1930	124	390	49.1	\$0.586	\$28.77	88.9	192.8	171.9
	1932	128	337	49.2	.466	22.93	89.1	153.3	137.0
<b>Heelers, leather:</b>									
Male.....	1911	31	115	55.8	.403	22.52	100.9	95.0	96.6
	1912	67	254	56.2	.378	21.17	101.6	89.2	90.8
	1913	72	291	55.3	.424	23.32	100.0	100.0	100.0
	1914	84	324	55.3	.402	22.18	100.0	94.8	95.1
	1916	130	440	55.0	.430	23.59	99.5	101.4	101.2
	1918	137	419	52.8	.502	26.37	95.5	118.4	113.1
	1920	111	382	48.7	.832	40.73	88.1	196.2	174.7
	1922	98	348	48.9	.759	37.15	88.4	179.0	159.3
	1924	98	290	49.3	.768	37.86	89.2	181.1	162.3
	1926	102	319	49.1	.729	35.79	88.8	171.9	153.5
	1928	92	248	49.0	.764	37.44	88.6	180.2	160.5
	1930	99	262	49.2	.689	33.90	89.0	162.5	145.4
	1932	105	258	49.2	.570	28.04	89.0	134.4	120.2
<b>Heelers, wood:</b>									
Male.....	1918	18	248	54.1	.477	25.61	-----	-----	-----
	1920	33	533	47.4	.899	42.92	-----	-----	-----
	1922	27	245	47.9	.706	33.54	-----	-----	-----
	1924	38	403	48.1	.690	33.19	-----	-----	-----
	1926	73	713	48.8	.823	40.16	-----	-----	-----
	1928	80	798	49.4	.829	40.95	-----	-----	-----
	1930	87	891	48.4	.746	36.11	-----	-----	-----
	1932	85	786	48.5	.524	25.41	-----	-----	-----
<b>Heel trimmers or shavers:</b>									
Male.....	1910	55	189	56.6	.410	23.03	102.2	91.5	93.1
	1911	71	246	56.5	.415	23.32	102.0	92.6	94.3
	1912	81	252	56.0	.420	23.39	101.0	93.8	94.5
	1913	81	277	55.4	.448	24.74	100.0	100.0	100.0
	1914	85	277	55.2	.433	23.88	99.6	96.7	96.5
	1916	121	367	54.9	.449	24.55	99.1	100.2	99.2
	1918	128	350	52.6	.535	27.99	94.9	119.4	113.1
	1920	103	284	48.8	.891	44.26	88.1	198.9	178.9
	1922	94	246	48.9	.853	38.04	88.3	190.4	153.8
	1924	96	213	49.1	.793	38.94	88.6	177.0	157.4
	1926	103	234	49.2	.736	36.21	88.8	164.3	146.4
	1928	94	198	49.3	.716	35.30	89.0	159.8	142.7
	1930	101	232	49.2	.670	32.96	88.8	149.6	133.2
	1932	103	195	49.3	.556	27.42	89.0	124.1	110.8
<b>Heel breasters:</b>									
Male.....	1911	35	76	56.1	.291	16.23	101.3	93.0	94.0
	1912	75	163	55.9	.295	16.36	100.9	94.2	94.7
	1913	75	171	55.4	.313	17.27	100.0	100.0	100.0
	1914	82	173	55.3	.303	16.71	99.8	96.8	96.8
	1916	111	232	54.8	.319	17.50	98.9	101.9	101.3
	1918	113	218	52.9	.412	21.70	95.5	131.6	125.7
	1920	100	195	48.8	.721	35.58	88.1	230.4	204.9
	1922	80	161	49.2	.587	29.05	88.8	187.5	168.2
	1924	79	131	48.9	.588	28.75	88.3	187.9	166.5
	1926	78	124	49.1	.631	30.98	88.6	201.6	179.4
	1928	72	116	48.8	.618	30.16	88.1	197.4	174.6
	1930	68	132	48.2	.586	28.25	87.0	187.2	163.6
	1932	64	95	49.6	.449	22.27	89.5	143.5	129.0
<b>Edge trimmers:</b>									
Male.....	1910	55	573	56.4	.382	21.44	101.8	93.2	94.6
	1911	71	765	56.5	.389	21.73	102.0	94.9	95.9
	1912	81	827	55.9	.380	21.15	100.9	92.7	93.3
	1913	81	838	55.4	.410	22.66	100.0	100.0	100.0
	1914	85	886	55.1	.400	22.01	99.5	97.6	97.1
	1916	129	1,081	54.9	.423	23.16	99.1	103.2	102.2
	1918	138	1,015	52.5	.545	28.44	94.8	132.9	125.5
	1920	112	828	48.7	.904	44.19	87.9	220.5	195.0
	1922	100	789	48.9	.764	37.36	88.3	186.3	164.9
	1924	102	686	49.1	.767	37.66	88.6	187.1	166.2
	1926	127	808	49.2	.785	38.62	88.8	191.5	170.4
	1928	131	754	49.1	.764	37.51	88.6	186.3	165.5
	1930	140	895	49.1	.722	35.45	88.6	176.1	156.4
	1932	146	813	49.1	.572	28.09	88.6	139.5	124.0

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

**BOTTOMING DEPARTMENT—Continued**

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Sluggers:									
Male.....	1920	79	153	49.2	\$0.601	\$29.57	-----	-----	-----
	1922	68	96	49.2	.547	26.95	-----	-----	-----
	1924	26	32	48.2	.563	27.14	-----	-----	-----
	1926	30	58	49.0	.582	28.52	-----	-----	-----
	1928	31	39	49.1	.618	30.34	-----	-----	-----
	1930	39	60	48.8	.550	26.84	-----	-----	-----
	1932	43	54	49.0	.408	19.99	-----	-----	-----

**FINISHING DEPARTMENT**

Buffers (including bottom scourers):									
Male.....	1911	36	174	55.8	\$0.294	\$16.37	100.9	92.5	93.4
	1912	72	338	56.0	.289	16.09	101.3	90.9	91.8
	1913	72	358	55.3	.318	17.52	100.0	100.0	100.0
	1914	81	396	55.3	.309	17.05	100.0	97.2	97.3
	1916	129	535	54.9	.327	17.92	99.3	102.8	102.3
	1918	129	476	52.7	.424	22.20	95.3	133.3	126.7
	1920	111	449	48.8	.726	35.69	88.2	228.3	203.7
	1922	98	408	49.0	.630	30.95	88.6	198.1	176.7
	1924	99	361	49.4	.614	30.33	89.3	193.1	173.1
	1926	124	434	49.4	.640	31.62	89.3	201.3	180.5
	1928	122	356	49.5	.651	32.22	89.5	204.7	183.9
	1930	126	364	49.1	.620	30.44	88.8	195.0	173.7
	1932	134	295	49.3	.474	23.37	89.2	149.1	133.4
Naumkeag operators:									
Male.....	1930	71	122	48.8	.695	33.92	-----	-----	-----
	1932	83	141	48.7	.549	26.74	-----	-----	-----
Edge setters:									
Male.....	1910	54	560	56.3	.373	20.94	101.8	90.8	92.2
	1911	68	722	56.3	.380	21.29	101.8	92.5	93.8
	1912	78	789	55.8	.379	21.05	100.9	92.2	92.7
	1913	77	826	55.3	.411	22.70	100.0	100.0	100.0
	1914	86	872	55.2	.410	22.54	99.8	99.8	99.3
	1916	131	966	54.9	.414	22.62	99.3	100.7	99.6
	1918	138	924	52.7	.525	27.57	95.3	127.7	121.5
	1920	112	845	48.7	.873	42.84	88.1	212.4	188.7
	1922	99	779	48.9	.757	37.02	88.4	184.2	163.1
	1924	102	681	49.1	.756	37.12	88.8	183.9	163.5
	1926	129	765	49.1	.766	37.61	88.8	186.4	165.7
	1928	133	738	49.1	.755	37.07	88.8	183.7	163.3
	1930	140	794	49.0	.706	34.59	88.6	171.8	152.4
	1932	145	744	49.0	.551	27.00	88.6	134.1	118.9
Heel scourers (including first and second scourers):									
Male.....	1911	35	125	54.8	.291	16.12	98.9	92.7	92.9
	1912	78	342	56.0	.289	16.09	101.1	92.0	92.7
	1913	78	364	55.4	.314	17.35	100.0	100.0	100.0
	1914	84	372	55.3	.310	17.10	99.8	98.7	98.6
	1916	125	504	55.0	.346	18.94	99.3	110.2	109.2
	1918	129	470	52.7	.438	22.92	95.1	139.5	132.1
	1920	108	451	48.7	.726	35.38	87.9	231.2	203.9
	1922	97	421	48.9	.607	29.79	88.3	193.3	171.7
	1924	98	378	49.2	.621	30.55	88.8	197.8	176.1
	1926	104	342	49.2	.623	30.65	88.8	198.4	176.7
	1928	97	312	49.1	.589	28.92	88.6	187.6	166.7
	1930	101	352	49.2	.567	27.90	88.8	180.6	160.8
	1932	106	283	50.0	.463	23.15	90.3	147.5	133.4
Heel burnishers (including stoners, expeditors, and heel slickers):									
Male.....	1911	33	106	55.6	.306	16.97	100.2	96.5	96.8
	1912	74	254	56.1	.292	16.31	101.1	92.1	93.0
	1913	75	280	55.5	.317	17.54	100.0	100.0	100.0
	1914	84	283	55.5	.322	17.86	100.0	101.6	101.8
	1916	127	367	55.2	.325	17.84	99.5	102.5	101.7
	1918	128	325	52.8	.433	22.66	95.1	136.6	129.2
	1920	109	304	48.7	.704	34.50	87.7	222.1	196.7
	1922	92	300	48.9	.584	28.75	88.1	184.2	163.9

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## FINISHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Heel burnishers—Continued.</b>									
Male	1924	91	265	50.0	\$0.584	\$20.20	90.1	184.2	166.5
	1925	104	275	49.3	.607	20.93	88.8	191.5	170.6
	1928	91	236	49.3	.581	28.64	88.8	183.3	163.3
	1930	104	308	49.3	.527	25.98	88.8	166.2	148.1
	1932	100	233	49.2	.416	20.47	88.6	131.2	116.7
<b>Bottom stainers:</b>									
Male	1932	66	153	48.7	.392	19.09			
Female	1932	73	250	48.9	.291	14.23			
<b>Bottom finishers (including bottom slickers):</b>									
Male	1928	104	309	48.9	.632	30.90			
	1930	123	491	48.8	.576	28.11			
	1932	133	387	49.0	.437	21.41			
Female	1928	2	2	48.0	.553	26.54			
	1930	13	60	49.5	.375	18.56			
	1932	3	8	49.1	.326	16.01			
<b>Brushers:</b>									
Male	1920	86	300	48.4	.474	22.96			
	1922	80	298	48.9	.431	21.10			
	1924	80	303	49.2	.498	24.50			
	1925	88	248	49.2	.450	22.14			
	1928	78	189	49.4	.454	22.43			
	1930	69	175	48.9	.436	21.32			
	1932	74	185	49.2	.382	18.79			
Female	1920	17	36	49.6	.350	16.62			
	1922	10	24	50.5	.324	16.42			
	1924	12	38	50.4	.445	22.43			
	1926	18	46	50.1	.416	20.84			
	1928	13	36	49.5	.396	18.63			
	1930	22	42	49.1	.342	16.79			
	1932	21	49	48.6	.269	13.07			
<b>Shoe cleaners:</b>									
Male	1920	34	109	48.1	.488	23.10			
	1922	36	150	49.0	.431	21.15			
	1924	38	115	48.8	.416	20.30			
	1926	39	116	48.3	.526	25.41			
	1928	42	131	48.3	.493	23.81			
	1930	47	153	48.7	.441	21.48			
	1932	48	105	48.0	.356	17.09			
Female	1920	28	175	48.8	.331	16.09			
	1922	33	193	48.1	.325	15.79			
	1924	38	169	48.9	.342	16.72			
	1926	29	66	48.6	.338	16.43			
	1928	26	77	49.0	.334	16.37			
	1930	47	145	49.0	.300	14.70			
	1932	52	157	48.4	.247	11.95			
<b>Last pullers, hand and machine:</b>									
Male	1920	97	266	48.9	.524	25.34			
	1922	88	233	49.0	.460	22.74			
	1924	91	228	49.7	.471	23.41			
	1926	112	275	49.5	.494	24.45			
	1928	119	226	49.2	.510	25.09			
	1930	127	276	49.2	.501	24.65			
	1932	131	236	49.2	.396	19.48			
<b>Trees, hand and machine:</b>									
Male	1910	44	832	55.9	.259	14.42	101.1	91.8	92.8
	1911	63	1,006	56.0	.287	14.84	101.3	94.7	95.5
	1912	73	1,143	55.8	.266	14.76	100.9	94.3	95.0
	1913	73	1,110	55.3	.282	15.54	100.0	100.0	100.0
	1914	80	1,204	55.3	.279	15.38	100.0	98.9	99.0
	1916	124	1,652	54.9	.291	15.94	99.3	103.2	102.6
	1918	125	1,387	52.3	.403	20.98	94.6	142.9	135.0
	1920	98	1,106	48.3	.677	33.03	87.3	240.1	212.5
	1922	90	970	48.6	.577	28.12	87.9	204.6	181.0
	1924	93	948	48.8	.624	30.45	88.2	221.3	195.9

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

FINISHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
<b>Triers, hand and machine—Contd.</b>									
<b>Male</b>									
	1926	114	1,088	49.2	\$0.611	\$30.06	89.0	216.7	193.4
	1928	118	1,072	49.2	.624	30.70	89.0	221.3	197.6
	1930	126	1,210	49.1	.663	27.64	88.8	199.6	177.9
	1932	132	1,066	49.3	.433	21.35	89.2	163.5	137.4
<b>Female</b>									
	1910	8	74	57.8	.143	8.19	105.9	90.5	95.7
	1911	11	85	58.1	.145	8.32	106.4	91.8	97.2
	1912	13	108	54.4	.153	8.32	99.6	95.8	97.2
	1913	13	110	54.6	.158	8.66	100.0	100.0	100.0
	1914	18	107	52.1	.175	9.06	95.4	110.8	105.8
	1916	15	144	53.1	.188	9.93	97.3	119.0	116.0
	1918	31	211	53.3	.232	12.25	97.6	146.8	143.1
	1920	37	296	49.7	.403	19.95	91.0	255.1	233.1
	1922	35	228	49.3	.396	19.51	90.3	250.6	227.9
	1924	31	184	48.8	.431	21.03	89.4	272.8	245.7
	1926	43	302	49.0	.419	20.53	89.7	265.2	239.8
	1928	36	239	49.3	.386	19.03	90.3	244.3	222.3
	1930	42	280	48.6	.380	18.47	89.0	240.5	215.8
	1932	41	249	48.7	.305	14.85	89.2	193.0	173.5
<b>Repairers (not cobblers) (including tip fixers and scourers):</b>									
<b>Male</b>									
	1920	57	169	48.1	.505	24.37			
	1922	49	126	48.3	.462	22.30			
	1924	48	102	48.9	.511	24.99			
	1926	53	128	48.2	.594	28.63			
	1928	48	134	48.5	.669	27.60			
	1930	50	142	48.2	.606	29.21			
	1932	40	65	48.2	.524	25.26			
<b>Female</b>									
	1920	87	711	47.7	.392	18.69			
	1922	79	668	48.2	.377	18.18			
	1924	77	624	48.8	.408	19.07			
	1926	110	925	49.0	.538	19.01			
	1928	120	832	49.4	.377	18.62			
	1930	123	863	49.2	.383	18.84			
	1932	131	590	48.8	.333	16.25			
<b>Dressers:</b>									
<b>Male</b>									
	1920	11	16	47.6	.391	18.47			
	1922	14	18	48.6	.395	19.04			
	1924	18	39	48.8	.413	20.15			
	1926	22	49	49.0	.428	20.97			
	1928	16	24	48.5	.487	23.62			
	1932	18	26	49.2	.390	19.19			
<b>Female</b>									
	1920	78	253	48.5	.367	17.81			
	1922	73	288	49.0	.339	17.35			
	1924	62	225	49.4	.366	18.08			
	1926	81	317	49.1	.377	18.51			
	1928	77	290	49.3	.375	18.49			
	1930	88	392	48.9	.355	17.36			
	1932	98	402	49.1	.308	15.12			
<b>Sock liners (including heel-lining, heel-pad, and heel-pin pasters):</b>									
<b>Male</b>									
	1920	14	30	48.8	.381	18.70			
	1922	11	21	48.5	.378	18.25			
	1924	17	37	49.7	.307	15.26			
	1926	17	30	50.1	.380	19.04			
	1928	12	23	49.7	.433	21.52			
	1930	11	18	48.4	.463	22.41			
	1932	10	14	49.8	.333	16.68			
<b>Female</b>									
	1920	95	321	48.7	.374	18.13			
	1922	90	279	49.0	.355	17.36			
	1924	84	225	49.0	.390	19.11			
	1926	115	350	48.9	.378	18.48			
	1928	116	305	49.0	.389	19.06			
	1930	124	363	48.8	.374	18.25			
	1932	133	308	48.7	.314	15.29			

TABLE 1.—Average hours and earnings, with index numbers, 1910 to 1932, by department, occupation, sex, and year—Continued

## FINISHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100.0)		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Lacers (before packing):									
Female.....	1920	89	304	48.7	\$0.323	\$15.64			
	1922	82	235	48.9	.304	14.81			
	1924	71	201	49.1	.308	18.07			
	1926	86	194	48.9	.326	15.94			
	1928	90	204	49.2	.320	15.74			
	1930	85	214	49.3	.331	16.32			
	1932	103	199	48.9	.266	13.01			
Packers:									
Male.....	1920	38	96	49.2	.470	24.02			
	1922	17	43	50.0	.477	23.75			
	1924	17	37	48.9	.458	22.40			
	1926	34	110	49.4	.433	21.39			
	1928	18	31	49.6	.443	21.97			
	1930	26	71	48.8	.441	21.52			
	1932	14	29	49.1	.459	22.54			
Female.....	1920	100	503	48.3	.353	17.10			
	1922	90	397	48.2	.351	16.97			
	1924	92	332	48.7	.360	17.53			
	1926	112	387	48.7	.377	18.36			
	1928	125	379	48.7	.388	18.90			
	1930	132	457	48.8	.379	18.50			
	1932	138	409	48.8	.315	15.37			

## ALL DEPARTMENTS

Other employees:									
Male.....	1914	91	20,887	55.0	\$0.224	\$12.29			
	1916	135	24,010	55.0	.243	13.35			
	1918	143	23,324	52.7	.327	17.17			
	1920	117	10,445	48.7	.518	25.22			
	1922	104	10,133	49.0	.461	22.58			
	1924	105	9,262	48.8	.481	23.47			
	1926	154	9,764	49.0	.501	24.55			
	1928	156	9,070	49.0	.513	25.14			
	1930	162	9,073	48.8	.500	24.40			
	1932	164	7,853	48.9	.437	21.37			
Female.....	1914	89	12,347	54.0	.168	9.05			
	1916	134	14,851	53.8	.178	9.62			
	1918	142	16,007	51.8	.226	11.67			
	1920	116	6,964	48.6	.361	17.73			
	1922	101	5,074	48.8	.334	16.39			
	1924	108	5,363	49.0	.350	17.15			
	1926	132	6,212	48.8	.335	16.35			
	1928	141	5,155	49.2	.361	17.76			
	1930	151	5,032	48.9	.351	17.16			
	1932	152	3,806	48.9	.306	14.96			

## Average Hours and Earnings, 1930 and 1932, by Sex and State

Table 2 shows for males and for females separately, and for both sexes combined, average full-time hours per week, earnings per hour, and full-time earnings per week. The averages are for the wage earners covered in each State or group of two States in 1930 and 1932. This table makes easy the comparison of the 1930 averages for any State with those for 1932, and also the averages for any one State in either year with the averages for any other State, or for the industry as a whole.

Comparing the 1930 average earnings per hour with those for 1932 it is seen that in Illinois, the first State in the table, males averaged 62.4 cents in 1930 and 42.7 cents in 1932; females averaged 37.6 cents in 1930 and 27.2 cents in 1932; and both sexes combined averaged 49.9 cents in 1930 and 34.2 cents in 1932. Average earnings per hour for each sex were less in each State in 1932 than in 1930.

Average earnings per hour of males in the various States studied ranged from 43.4 to 71.1 cents in 1930 and from 34.5 to 63.1 cents in 1932; of females ranged from 26.8 to 48.3 cents in 1930 and from 21.6 to 42.1 cents in 1932; and of both sexes combined ranged from 35.3 to 62.8 cents in 1930 and from 28.2 to 55.9 cents in 1932. Earnings per hour for males in all States combined averaged 60.4 cents in 1930 and 49.3 cents in 1932, a decrease of 18.4 per cent, and for females averaged 38.2 cents in 1930 and 30.8 cents in 1932, a decrease of 19.4 per cent.

Average full-time hours per week of males in the various States included in the study ranged from a low of 45.9 to a high of 52.9 in 1930 and from 46.0 to 53.0 in 1932; of females ranged from 46.5 to 53.1 in both years; and of both sexes combined, or the industry, ranged from 46.1 to 53.0 in 1930 and from 46.2 to 53.0 in 1932. Full-time hours per week for males, all States combined, averaged 48.8 in 1930 and 48.9 in 1932, and for females 48.9 in both 1930 and 1932.

Average full-time earnings per week of males ranged by States from \$22.74 to \$32.63 in 1930 and from \$17.51 to \$29.03 in 1932; of females, from \$13.78 to \$22.46 in 1930 and from \$10.66 to \$19.58 in 1932; and of both sexes combined from \$18.46 to \$28.95 in 1930 and from \$14.57 to \$25.83 in 1932. Full-time earnings per week of males in all States averaged \$29.48 in 1930 and \$24.11 in 1932, and of females \$18.68 in 1930 and \$15.06 in 1932.

TABLE 2.—Average hours and earnings, 1930 and 1932, by sex and State

Sex and State	Number of establishments		Number of wage earners		Average full-time hours per week		Average earnings per hour		Average full-time earnings per week	
	1930	1932	1930	1932	1930	1932	1930	1932	1930	1932
<b>MALES</b>										
Illinois.....	6	6	1,808	1,450	48.8	49.0	\$0.624	\$0.427	\$30.45	\$20.92
Kentucky.....	3	3	386	343	52.4	53.0	.434	.345	22.74	18.29
Maine.....	7	8	1,277	1,223	52.9	52.9	.511	.447	27.03	23.65
Maryland and Virginia.....	7	7	946	848	48.8	48.9	.490	.358	23.91	17.51
Massachusetts.....	56	59	8,725	7,663	48.2	48.3	.671	.557	32.34	26.90
Michigan.....	4	4	346	337	49.6	49.5	.554	.501	27.48	24.80
Minnesota.....	4	4	347	246	50.0	49.9	.498	.417	24.90	20.81
Missouri.....	11	11	3,730	3,282	49.0	49.0	.548	.473	26.85	23.18
New Hampshire.....	9	8	1,718	1,151	49.0	48.4	.505	.439	24.75	21.25
New Jersey.....	3	3	327	277	45.9	46.0	.711	.631	32.63	29.03
New York.....	19	19	6,210	5,548	47.6	47.6	.666	.536	31.70	25.51
Ohio.....	7	7	1,677	1,617	48.2	48.1	.590	.485	28.44	23.33
Pennsylvania.....	12	12	1,873	2,180	51.1	51.3	.512	.408	26.16	20.93
Tennessee.....	4	4	503	481	51.8	49.4	.440	.385	22.79	19.02
Wisconsin.....	9	9	1,678	1,400	49.7	49.9	.602	.481	29.92	24.00
Total.....	161	164	31,551	28,046	48.8	48.9	.604	.493	29.48	24.11
<b>FEMALES</b>										
Illinois.....	6	6	1,785	1,716	49.1	49.3	.376	.272	18.46	13.41
Kentucky.....	3	3	379	323	52.2	52.7	.273	.216	14.25	11.88
Maine.....	7	8	1,130	1,004	53.1	53.1	.360	.299	19.12	15.88
Maryland and Virginia.....	7	7	605	580	48.8	48.9	.311	.218	15.18	10.66
Massachusetts.....	48	51	6,197	5,710	47.9	47.9	.446	.354	21.36	16.96
Michigan.....	4	4	257	207	49.6	49.5	.318	.299	15.77	14.80
Minnesota.....	4	4	285	198	49.9	49.8	.321	.279	16.02	13.89
Missouri.....	11	11	2,824	2,524	49.2	49.2	.321	.273	15.79	13.43
New Hampshire.....	9	8	1,437	971	49.1	48.4	.349	.291	17.14	14.08
New Jersey.....	3	3	189	151	46.5	46.5	.483	.421	22.46	19.58
New York.....	19	19	3,864	3,655	48.4	48.4	.411	.340	19.89	16.46
Ohio.....	7	7	1,597	1,550	48.0	47.9	.361	.292	17.33	13.99
Pennsylvania.....	11	11	1,146	1,260	50.0	50.6	.331	.248	16.55	12.55
Tennessee.....	4	4	456	437	51.4	48.9	.288	.249	13.78	12.18
Wisconsin.....	9	9	1,485	1,334	49.0	49.2	.409	.336	20.04	16.53
Total.....	152	155	23,636	21,620	48.9	48.9	.382	.308	18.68	15.06
<b>MALES AND FEMALES</b>										
Illinois.....	6	6	3,593	3,166	49.0	49.2	.499	.342	24.45	16.83
Kentucky.....	3	3	765	666	52.3	52.8	.353	.282	18.46	14.89
Maine.....	7	8	2,407	2,227	53.0	53.0	.442	.380	23.43	20.14
Maryland and Virginia.....	7	7	1,551	1,428	48.8	48.9	.418	.298	20.40	14.57
Massachusetts.....	56	59	14,922	13,373	48.1	48.1	.579	.470	27.85	22.61
Michigan.....	4	4	603	544	49.6	49.5	.456	.426	22.62	21.09
Minnesota.....	4	4	632	444	49.9	49.9	.422	.354	21.06	17.66
Missouri.....	11	11	6,554	5,806	49.1	49.1	.451	.384	22.14	18.85
New Hampshire.....	9	8	3,155	2,122	49.0	48.4	.437	.372	21.41	18.00
New Jersey.....	3	3	516	428	46.1	46.2	.628	.559	28.95	25.83
New York.....	19	19	10,074	9,203	47.9	47.9	.569	.457	27.26	21.89
Ohio.....	7	7	3,274	3,167	48.1	48.0	.477	.389	22.94	18.67
Pennsylvania.....	12	12	3,019	3,440	50.7	51.0	.443	.346	22.46	17.05
Tennessee.....	4	4	959	918	51.6	49.2	.359	.322	18.52	15.84
Wisconsin.....	9	9	3,134	2,734	49.4	49.5	.513	.412	25.34	20.39
Total.....	161	164	55,158	49,666	48.9	48.9	.510	.412	24.94	20.15

## Average and Classified Earnings Per Hour, by Occupation

Table 3 gives average earnings per hour and a percentage distribution by classified average earnings per hour of the wage earners covered in 14 of the representative occupations of the industry in each of the specified years from 1913 to 1932.

The 1932 figures in the table are for 8,153 males in 13 occupations and for 6,742 females in 8 occupations. The males in these occupations constitute 29.1 per cent of all males included in the 1932 study of the industry; the females, 31.2 per cent of all females; and the males and females combined constitute 30.0 per cent of all wage earners covered in this study. Both males and females were reported in 7 occupations, males only in 6, and females only in 1.

The 14 occupations were selected from the various departments of the industry to illustrate the variation in the trend and spread of average earnings per hour of males and of females in all occupations in the industry. For a similar distribution by number of wage earners covered in each of these occupations in each State in 1932, see Table B, page 79.

In 1913 the 1,987 cutters, vamp and whole shoe, hand, male—the first occupation shown in the table—earned an average of 35.1 cents per hour and 95 per cent of them earned less than 50 cents per hour. Earnings increased each year to 1920 when the average was 82.9 cents and approximately 7 per cent earned less than 50 cents per hour. The peak of earnings was in 1924 when the average was 83.8 cents per hour and only 5 per cent earned less than 50 cents per hour. The average for the 2,032 cutters covered in 1932 was 63.4 cents per hour, when about 22 per cent earned less than 50 cents per hour, 18 per cent earned an average that was within the classified group of "50 and under 60 cents," and when 3 per cent earned an average that was within the group of "\$1.00 and under \$1.20" per hour. Less than 1 per cent earned an average that was within the group of "\$1.20 and under \$1.40" per hour and within the group of "\$1.40 and over per hour."

TABLE 3.—Average and classified earnings per hour in 14 specified occupations, 1913 to 1932, by department, sex, and year

## CUTTING DEPARTMENT

Occupation and sex	Year	Number of establishments	Number of wage earners	Average earnings per hour	Per cent of employees whose earnings per hour were—														
					Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over
<b>Cutters, vamp and whole shoe, hand:</b>																			
<b>Male</b> .....	1913	71	1,987	\$.351		(1)	2	8	15	53	17	5							
	1914	75	1,812	.366		1	2	6	11	50	20	10							
	1916	113	2,355	.375		(1)	1	6	12	46	26	9							
	1918	114	2,319	.464		(1)	1	2	4	18	24	34	11	5					
	1920	91	2,050	.829					(1)	2	5	9	11	12	17	23	16	5	2
	1922	84	1,915	.787				(1)	(1)	3	7	11	13	15	20	10	17	4	2
	1924	88	2,009	.838				(1)	(1)	1	4	10	12	14	13	22	15	4	3
	1926	108	2,129	.808					(1)	2	6	10	15	15	20	11	15	5	2
	1928	110	1,777	.824					(1)	2	6	10	12	15	19	13	17	5	2
	1930	127	2,226	.796				(1)	(1)	3	6	11	13	15	22	12	13	4	1
	1932	125	2,032	.634			(1)		(1)	1	8	13	18	18	23	9	5	3	(1)
<b>Skivers, upper:</b>																			
<b>Male</b> .....	1913	32	134	.299		4	6	9	25	46	7	3							
	1914	29	116	.299		3	9	7	13	58	9	1							
	1916	32	124	.311	2	3	2	9	15	57	7	4							
	1918	23	96	.423			2	1	5	49	22	7	7	8					
	1920	29	87	.576			1	2	6	11	9	34	7	3	17	3	5		
	1922	31	77	.595				3		14	9	39	7	10	7	10		1	
	1924	29	100	.619				2	3	16	17	9	21	7	7	11	4	3	
	1926	37	96	.668		1	1	2	11	14	14	23	9	6	4	9	2	3	
	1928	34	98	.653			1	1	5	8	9	20	28	6	3	9	6	3	
	1930	36	104	.651	1		2	1	1	12	15	11	20	10	10	8	7	4	
	1932	36	63	.537		5		3	8	17	11	13	21	11	3	6	2		
<b>Female</b> .....	1913	67	439	.209	5	13	28	31	15	7	1								
	1914	77	446	.209	4	15	29	27	16	7	1								
	1916	113	591	.209	6	17	26	27	13	10	1	1							
	1918	121	697	.267	1	6	15	27	18	28	5	1	(1)						
	1920	105	611	.434		(1)	2	3	12	30	22	18	6	4	1	1	1	(1)	
	1922	94	539	.430		(1)	1	5	11	30	23	19	5	3	3	1	(1)		
	1924	89	474	.472		(1)	1	6	7	19	26	19	14	5	1	1	1	(1)	(1)
	1926	113	552	.486		(1)	(1)	3	6	20	26	21	13	5	2	1	1	(1)	
	1928	110	541	.458		2		4	9	23	27	19	10	4	1	1	1	(1)	(1)
	1930	121	664	.447	(1)	(1)	1	5	11	25	24	19	10	3	1	1			
	1932	129	672	.354	1	3	6	11	18	28	19	7			(1)				



TABLE 3.—Average and classified earnings per hour in 14 specified occupations, 1913 to 1932, by department, sex, and year—Continued

## FITTING OR STITCHING DEPARTMENT—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average earnings per hour	Per cent of employees whose earnings per hour were—															
					Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00 under \$1.20	\$1.20, under \$1.40	\$1.40 and over	
<b>Top stitchers—Continued.</b>																				
Female.....	1922	100	1,195	\$0.433	(1)	(1)	1	8	11	27	23	14	7	3	2	1	2	(1)	(1)	
	1924	97	1,184	.462	(1)	(1)	2	6	10	22	23	17	9	5	3	1	1	(1)	(1)	
	1926	121	1,469	.486		(1)	(1)	3	5	24	29	20	10	6	2	1	(1)	(1)	(1)	
	1928	124	1,399	.451	1	2	1	5	9	23	27	15	11	4	2	1	1	(1)	(1)	
	1930	132	1,648	.419	(1)	1	2	8	10	29	25	14	7	3	1	1	(1)			
	1932	137	1,449	.338	1	2	5	14	19	32	19	5	3		(1)					
<b>Vampers:</b>																				
Male.....	1913	66	554	.320		2	6	12	21	41	17	1								
	1914	65	534	.312	1	2	6	17	20	37	14	2								
	1916	82	624	.333		1	5	13	16	44	16	5								
	1918	83	573	.442			1	2	6	28	34	19	7	2						
	1920	55	400	.700				(1)	1	4	10	14	22	21	13	8	7	1	1	
	1922	52	357	.628				1	2	11	15	18	21	11	9	6	4	1	2	
	1924	49	304	.707		(1)			2	4	10	17	18	20	10	8	6	4	3	
	1926	63	294	.741					2	3	12	18	19	19	7	6	9	9	3	
	1928	54	270	.727					(1)	4	10	14	22	24	8	4	9	3	2	
	1930	64	347	.672			(1)	1	2	6	12	18	19	20	9	5	7	1	(1)	
	1932	67	283	.569	(1)	1	(1)	1	3	16	17	21	19	12	7	2	1	(1)	(1)	
<b>Female.....</b>	1913	79	1,072	.246	1	8	18	31	22	17	3	(1)								
	1914	85	1,116	.243	2	9	20	27	22	19	2	(1)								
	1916	121	1,383	.254	2	6	15	27	24	22	3	(1)								
	1918	132	1,477	.312	(1)	3	8	18	19	35	14	3	1							
	1920	111	1,313	.506		(1)	1	3	6	17	21	22	16	8	3	1	1	(1)	(1)	
	1922	98	1,142	.480		(1)	4	8	22	21	20	13	13	6	3	1	1	(1)	(1)	
	1924	99	1,053	.519		(1)	3	9	18	21	18	15	15	9	5	2	2	(1)	(1)	
	1926	123	1,170	.531			1	2	16	29	21	16	16	9	2	2	1	(1)	(1)	
	1928	119	1,022	.505	(1)	1	(1)	1	6	21	24	21	14	8	3	1	1	(1)	(1)	
	1930	125	1,164	.465		(1)	1	4	9	26	24	17	11	6	1	(1)	(1)	(1)	(1)	
	1932	131	1,097	.355	1	2	5	11	17	31	20	7	4		(1)					

LASTING DEPARTMENT

Assemblers for pulling-over machine:												
Male.....												
1913	54	597	\$0.272	1	4	12	28	22	25	8	(1)	
1914	64	708	.279	1	4	11	22	21	32	6	'2	
1916	97	801	.291	1	4	10	19	23	31	10	'2	
1918	102	726	.398		(1)	4	9	11	29	26	15	
1920	88	691	.638			(1)	2	3	9	12	15	
1922	70	593	.567		(1)	1	2	3	14	18	16	
1924	81	421	.554			(1)	2	4	13	24	17	
1926	113	541	.596			(1)	1	2	10	21	21	
1928	116	537	.577				1	4	14	20	18	
1930	125	624	.568	(1)	(1)		1	4	10	24	20	
1932	138	574	.471		1	(1)	1	3	8	22	24	
Female.....												
1920	23	77	.500				1	12	21	18	16	
1922	15	58	.434			2	3		45	24	16	
1924	8	33	.399				15	15	21	15	15	
1926	9	36	.422				6	3	36	36	8	
1928	10	26	.501		4		8		12	42	19	
1930	9	32	.452						13	34	22	
1932	16	43	.339			12	12	7	44	14	5	
Bed-machine operators:												
Male.....												
1913	65	1,220	.330		(1)	3	10	25	45	14	'3	
1914	70	1,173	.321	(1)	1	4	11	24	45	12	'3	
1916	93	1,336	.349	(1)	1	2	9	19	43	20	'6	
1918	104	1,303	.500		(1)	(1)	1	4	14	30	32	
1920	93	1,252	.789				(1)	2	5	10	15	
1922	86	1,167	.668		(1)		(1)	4	13	18	26	
1924	92	1,062	.692				(1)	3	10	18	26	
1926	121	1,279	.700			(1)	(1)	3	10	16	24	
1928	117	1,207	.682		(1)		1	3	12	18	22	
1930	130	1,478	.657		(1)		1	5	13	22	23	
1932	132	1,355	.515		(1)	1	2	4	16	26	21	
Turn lasters, hand (including first and second lasters):												
Male.....												
1913	28	524	.310		1	4	12	27	48	6	'2	
1914	31	689	.324	1	2	4	15	22	35	17	'4	
1916	42	974	.365		(1)	2	10	20	33	24	'12	
1918	35	752	.453	(1)	(1)	1	3	5	26	31	22	
1920	33	666	.880					1	4	12	11	
1922	30	571	.732			(1)		1	4	11	13	
1924	31	496	.790			(1)	(1)	2	10	13	13	
1926	35	726	.870					1	5	9	11	
1928	31	706	.831				(1)	1	6	13	15	
1930	24	789	.780				1	2	6	12	13	
1932	18	541	.546			1	1	3	10	23	30	

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Classified in this year as "50 cents and over."

<sup>3</sup> Grouped in this year as "70 cents and over."

<sup>4</sup> Less than 1 per cent, and classified in this year as "50 cents and over."

TABLE 3.—Average and classified earnings per hour in 14 specified occupations, 1913 to 1932, by department, sex, and year—Continued

**BOTTOMING DEPARTMENT**

Occupation and sex	Year	Number of establishments	Number of wage earners	Average earnings per hour	Per cent of employees whose earnings per hour were—																
					Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over		
<b>Goodyear stitchers:</b>																					
Male	1913	70	642	\$0.399			1	6	14	38	23	<sup>2</sup> 19									
	1914	74	594	.410			1	4	13	35	27	<sup>2</sup> 20									
	1916	97	656	.437			( <sup>1</sup> )	4	8	28	33	<sup>2</sup> 27									
	1918	105	680	.527			1	1	4	14	24	29	13	<sup>2</sup> 14							
	1920	86	599	.818						( <sup>1</sup> )	3	9	16	22	18	15	14	3	2		
	1922	77	543	.755						2	5	16	20	19	16	10	8	2	1		
	1924	79	505	.773					( <sup>1</sup> )	2	9	12	17	18	15	13	12	2	1		
	1926	98	517	.776						1	5	11	20	21	18	12	9	3	1		
	1928	89	461	.766						3	5	10	20	21	20	9	11	1	( <sup>1</sup> )		
	1930	100	576	.727						2	7	15	24	20	14	10	6	1	( <sup>1</sup> )		
	1932	95	486	.585		( <sup>1</sup> )		( <sup>1</sup> )	1	8	27	20	18	15	6	3	1	( <sup>1</sup> )			
<b>Edge trimmers:</b>																					
Male	1914	85	886	.400		( <sup>1</sup> )	1	5	12	37	28	<sup>2</sup> 17									
	1916	129	1,081	.423	( <sup>1</sup> )	( <sup>1</sup> )	1	4	9	32	30	<sup>2</sup> 24									
	1918	138	1,015	.545	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4	2	16	21	24	22	<sup>2</sup> 14							
	1920	112	828	.904						1	3	6	11	14	16	15	22	9	4		
	1922	100	789	.764				( <sup>1</sup> )	( <sup>1</sup> )	2	5	15	15	19	16	12	10	2	3		
	1924	102	686	.767				( <sup>1</sup> )	1	1	7	16	18	15	15	9	10	5	1		
	1926	127	808	.785				( <sup>1</sup> )	( <sup>1</sup> )	1	5	12	18	18	17	12	12	3	1		
	1928	131	754	.764						2	7	13	18	18	16	12	10	3	1		
	1930	140	895	.722					1	3	10	16	17	19	16	9	7	2	( <sup>1</sup> )		
	1932	146	813	.572		( <sup>1</sup> )	( <sup>1</sup> )		3	15	21	20	16	10	3	2	( <sup>1</sup> )				

**FINISHING DEPARTMENT**

<b>Edge setters:</b>																					
Male	1913	77	826	\$0.411			1	3	11	34	33	<sup>2</sup> 19									
	1914	86	872	.410				2	10	38	35	<sup>2</sup> 15									
	1916	131	966	.414		( <sup>1</sup> )	1	3	9	38	28	<sup>2</sup> 21									
	1918	138	924	.525					3	17	26	26	16	<sup>2</sup> 11							
	1920	112	845	.873					( <sup>1</sup> )	1	3	6	12	16	15	19	20	5	4		
	1922	99	779	.757					( <sup>1</sup> )	2	7	12	22	15	15	10	14	1	1		
	1924	102	681	.756		( <sup>1</sup> )		( <sup>1</sup> )	1	2	10	12	22	17	12	9	10	4	1		
	1926	129	785	.766						2	6	12	19	21	17	11	8	3	1		

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	1928	133	738	.755	(1)	(1)				1	9	15	18	19	15	11	9	2	1
	1930	140	794	.706					(1)	4	10	18	22	17	13	6	7	2	(1)
	1932	145	744	.551			(1)	2	3	15	21	18	21	18	6	3	1	2	
Treers, hand and machine:																			
Male.....																			
	1913	73	1,110	.282	(1)	4	10	22	25	32	5	<sup>2</sup> 1							
	1914	80	1,204	.279	1	5	13	18	25	32	5	<sup>2</sup> 2							
	1916	124	1,652	.291	1	3	7	20	29	32	6	<sup>2</sup> 2							
	1918	125	1,387	.403	(1)	1	2	4	11	33	29	16	3	<sup>3</sup> 1					
	1920	98	1,106	.677				(1)	1	4	12	17	19	19	14	7	5	1	(1)
	1922	90	970	.577			(1)	1	2	11	19	24	18	11	6	4	1	1	
	1924	93	948	.624			(1)	(1)	1	9	15	21	22	15	7	5	3	1	(1)
	1926	114	1,088	.611				1	1	7	19	21	23	16	9	3	3	(1)	(1)
	1928	118	1,072	.624		(1)	(1)	1	1	7	17	21	23	14	8	3	3	2	1
	1930	125	1,210	.563		(1)	(1)	2	4	10	23	21	19	12	6	2	1		
	1932	132	1,056	.433	(1)	2	2	4	9	25	27	17	10	2	(1)	(1)			
Female.....																			
	1913	13	110	.158	14	48	25	8	4	2									
	1914	18	107	.175	14	24	33	21	7	1									
	1916	15	144	.188	8	27	19	33	11	1									
	1918	31	211	.232	3	9	25	30	19	11	4	(1)							
	1920	37	296	.403		(1)	1	6	11	35	26	13	4	2	2				
	1922	35	228	.396			(1)	4	12	34	37	8	3	1					
	1924	30	184	.431	1	1	1	5	3	28	42	15	4	1	1				
	1926	43	302	.419			(1)	3	7	35	35	16	4	1					
	1928	36	239	.386	(1)	3		5	11	43	24	11	1	2					
	1930	42	280	.380				1	5	17	39	28	7	2	1				
	1932	41	249	.305		3	6	16	23	39	12	(1)							
Repairs (not cobblers, including tip fixers and scotters):																			
Male.....																			
	1920	57	169	.505				1	4	22	19	36	8	5	5	1	1	1	
	1922	49	126	.462			1	3	6	23	25	32	8	2	1	1	1		
	1924	48	102	.511				3	7	18	20	21	20	6	6	1			
	1926	53	128	.564			1		1	8	20	27	26	9	3	2	4	1	1
	1928	48	134	.569				1	4	10	19	24	20	12	5	2	2		
	1930	50	142	.606				2	3	5	22	24	17	11	5	7	5		
	1932	40	65	.524			2	5	3	18	18	20	14	12	6	2			
Female.....																			
	1920	87	711	.392			1	6	14	31	29	16	4		(1)	(1)			
	1922	79	668	.377			1	7	16	31	36	8		(1)		(1)			(1)
	1924	77	624	.403			1	9	15	32	25	17	2		(1)	(1)			
	1926	110	925	.388		(1)	3	9	11	34	19	19	3	2	(1)	(1)			
	1928	120	832	.377		4	1	8	15	32	17	17	3	1	(1)	(1)			
	1930	123	863	.353		(1)	2	10	14	32	21	15	2	2	(1)	(1)			
	1932	131	590	.333	1	2	5	11	21	37	17	6	1	1					

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Classified in this year as "50 cents and over."

<sup>3</sup> Grouped in this year as "70 cents and over."

CLASSIFIED EARNINGS PER HOUR

## Regular or Customary Full-Time Hours Per Week and Per Day

The full-time hours per week and per day of an employee are the hours established by a regular time of beginning and quitting work each day less the regular time off duty for meals. Such hours do not include any overtime, nor are they reduced by the exclusion of any regular time lost by slack work, sickness or other disability, or any other cause.

Table 4 shows average full-time hours per week and a percentage distribution by full-time hours per week of the wage earners covered in each of 14 representative occupations in the industry in each of the specified years from 1910 to 1932 for which data are available. For a similar distribution by number of wage earners covered in each of these occupations in each State in 1932 see Table C, page 88.

Full-time hours per week of cutters, vamp and whole shoe, hand, male, averaged 56.3 in 1910, when the hours of 64 per cent of the 1,650 in this occupation were over 54 per week and of only 1 per cent were under 51 per week. In 1920 the average was 47.8 and the hours of only 1 per cent of the 2,050 covered in that year were over 54; of 93 per cent were under 51; of 56 per cent were 48; and of 15 per cent were 44 per week. The average increased each year from 1920 to 48.9 per week in 1926, decreased to 48.6 in 1928, increased to 48.7 in 1930, and to 48.9 in 1932, when the hours of 2 per cent were over 54 per week; of 91 per cent were under 51; of 55 per cent were 48; and of 5 per cent were 44 per week. The variations of the averages and of the percentage distribution of wage earners in this occupation are fairly representative of those in other occupations in the table and in the industry.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year

Occupation, sex, and year		Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—															
					44	45	48	51	54	57	60									
					Over 44, under 45	Over 45, under 48	Over 48, under 51	Over 51, under 54	Over 54, under 57	Over 57, under 60	60									
Cutters, vamp and whole shoe, hand:																				
Male.....																				
	1910.....	48	1,650	56.3					1	11	25	24	19	21						
	1911.....	64	2,066	56.2						8	29	28	19	17						
	1912.....	71	1,995	55.0					12	8	37	15	17	11						
	1913.....	71	1,987	54.5					12	11	40	18	16	3						
	1914.....	75	1,812	54.0					20	18	22	26	11	3						
	1916.....	113	2,355	53.9					18	16	27	26	10	3						
	1918.....	114	2,319	52.0				2	52	16	11	13	6							
	1920.....	91	2,050	47.8	16		6	1	56	14	1	4	1							
	1922.....	84	1,915	48.3	7	3	6		57	19	1	7	1							
	1924.....	88	2,009	48.4	4		4		66	20	(1)	5	1							
	1926.....	108	2,129	48.9	6		1	(1)	57	24	2	8	2							
	1928.....	110	1,777	48.6	7		2	(1)	62	20	2	4	2							
	1930.....	127	2,226	48.7	5		1	2	55	27	2	5	1							(1)
	1932.....	125	2,032	48.9	5		(1)	1	55	30	2	6	2							(1)

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Including 1 per cent under 44.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year—Continued

CUTTING DEPARTMENT—Continued

Occupation, sex, and year	Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—											
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 51	51, under 54	54	Over 54, under 57	57, under 60	60	
<b>Skivers, upper:</b>															
Male.....															
1910.....	12	74	54.7									66	18	16	
1911.....	28	138	54.8									68	18	15	
1912.....	32	156	54.7								6	67	7	19	1
1913.....	32	134	54.5								8	65	18	9	
1914.....	29	116	54.4									9	65	21	6
1916.....	32	124	54.6								9	65	13	12	1
1918.....	23	96	50.9						74	11	10	4			
1920.....	29	87	48.1			9		79	8				3		
1922.....	31	77	47.6	8	8	5		65	13			1			
1924.....	29	100	48.0	7		8	2	57	22			3			
1926.....	37	96	48.4	15			39	22	11			13			
1928.....	34	98	48.1	13				66	14	5	1				
1930.....	36	104	48.3	16				55	20	1	4		4		
1932.....	36	63	48.4	16				51	25	2	3		2		2
Female.....								(1)		9	12	24	25	30	
1910.....	49	338	57.0							7	9	30	29	25	
1911.....	60	374	57.0							2	7	48	16	24	3
1912.....	67	371	55.0							3	7	53	24	14	
1913.....	67	439	54.6							6	14	47	26	6	
1914.....	77	446	54.1							6	14	52	24	4	
1916.....	113	591	54.0							6	14	52	24	4	
1918.....	21	697	51.7			(1)		3	49	13	29	5	1		
1920.....	105	611	48.7	6		4	1	58	20	(1)	9	1	1		
1922.....	94	539	48.6	3	2	4		61	22	1	6	1			
1924.....	89	474	49.0	3		1		61	20	7	8	(1)			
1926.....	113	552	48.9	3		1	(1)	57	32	1	6				
1928.....	110	541	49.1	3		1		53	35	2	7				
1930.....	121	664	48.8	2	(1)	4	2	50	35	2	3	1		(1)	
1932.....	129	672	48.9	2		5	2	45	39	3	3	1			

FITTING AND STITCHING DEPARTMENT

<b>Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters):</b>																
Male.....																
1920.....	14	21	47.5	14			14	48	24							
1922.....	8	29	48.2	14				59	28							
1924.....	12	24	47.8	25		4		46	17		8					
1926.....	18	42	50.8	5		2		24	26	2	38	2				
1928.....	5	9	46.2	44				56								
1930.....	21	58	47.7	31				34	29	2	2	2				
1932.....	8	26	46.0	65				15		15	4					
Female.....																
1920.....	107	1,133	48.6	7		4	1	56	25	1	5	2	(1)			
1922.....	89	913	48.5	5	1	3	(1)	61	23	1	5	1				
1924.....	95	1,031	49.1	4	1	1	1	50	30	4	9	1				
1926.....	118	1,426	49.3	3		(1)		52	31	2	12					
1928.....	124	1,318	49.3	2		1		52	30	6	9					
1930.....	130	1,636	48.9	3	(1)	3	2	51	32	3	6	1		(1)		
1932.....	140	1,638	48.9	4		4	2	43	39	3	4	(1)		(1)		
<b>Lining makers (including lining closers, and side and top facing stitchers):</b>																
Female.....																
1910.....	53	585	56.5					(1)	15	13	25	24	23			
1911.....	72	721	56.5						11	19	26	26	17			
1912.....	80	764	55.0						3	5	51	13	25	4		
1913.....	80	854	54.6						3	6	55	23	13			
1914.....	84	852	54.1						6	16	51	21	6			
1916.....	126	1,004	53.9						9	12	56	17	6			
1918.....	132	1,138	51.5					3	56	10	28	3	1			
1920.....	112	1,149	48.6	6		6	1	58	21	1	7	1	(1)			
1922.....	97	1,055	48.8	2	1	4		59	24	2	8	(1)				

1 Less than 1 per cent.  
 2 Including 1 per cent under 44.  
 3 Including less than 1 per cent under 44.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year—Continued

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and year	Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—																
				44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
				Over 44, under 45	Over 45, under 46	Over 46, under 47	Over 47, under 48	Over 48, under 49	Over 49, under 50	Over 50, under 51	Over 51, under 52	Over 52, under 53	Over 53, under 54	Over 54, under 55	Over 55, under 56	Over 56, under 57	Over 57, under 58	Over 58, under 59	Over 59, under 60	60
Lining makers—Continued.																				
Female.....																				
1924.....	100	1,012	49.3	3																
1926.....	124	1,170	49.3	3	1	(1)	59	21	3	12		(1)								
1928.....	129	1,046	49.2	3	1		49	34	6	7										
1930.....	137	1,075	48.8	4	(1)	2	53	29	3	5		1						(1)		
1932.....	143	1,004	48.9	2		1	55	32	3	5		1						(1)		
Top stitchers (including under trimmers and barber trimmers):																				
Male.....																				
1920.....	16	57	48.0	2			96	2												
1922.....	19	64	48.1	6		8	70	8		8										
1924.....	21	78	47.9	13			74	10		3										
1926.....	27	90	47.1	30			59	11												
1928.....	30	132	47.9	15			63	21		2										
1930.....	32	113	47.2	32			5	35	26	2										
1932.....	34	115	47.2	29			56	11	3	1										
Female.....																				
1910.....	53	721	56.3						(1)	9	15	21	27	28						
1911.....	73	911	56.9							7	20	23	29	20						
1912.....	82	1,033	54.9						3	8	55	9	22	3						
1913.....	82	1,070	54.6						2	9	54	22	13							
1914.....	86	1,076	54.2						5	14	53	21	6							
1916.....	128	1,427	54.0						6	14	58	18	4							
1918.....	135	1,364	51.6					5	49	13	29	3	1							
1920.....	112	1,187	48.5	7		7	56	18	1	9		(1)								
1922.....	100	1,195	48.8	2	1	5	57	23	1	9		(1)								
1924.....	97	1,184	49.3	2		3	(1)	54	24	4	13	(1)								
1926.....	121	1,469	49.3	2		1	51	33	3	10										
1928.....	124	1,399	49.4	2		1	48	35	5	9										
1930.....	132	1,648	49.1	1		4	3	48	37	3	5	1						(1)		
1932.....	137	1,449	49.0	1		4	2	50	35	3	5	(1)						(1)		
Vampers:																				
Male.....																				
1910.....	33	263	55.5							18	25	24	22	11						
1911.....	51	343	55.5							6	40	27	18	8						
1912.....	66	483	55.0						3	12	45	14	23	4						
1913.....	66	554	54.8						2	13	41	30	13	1						
1914.....	65	534	54.6						1	17	37	35	9	1						
1916.....	82	624	54.6						3	14	39	34	9	1						
1918.....	83	573	51.5					2	62	16	12	4	4	1						
1920.....	55	400	47.9	5		7	82	4		3										
1922.....	52	357	47.8	5	5	8	70	9		3										
1924.....	49	304	48.2	7			79	9	1	4										
1926.....	63	294	48.2	11			69	12	3	4		1								
1928.....	54	270	48.2	7		1	79	7	2	3		1								
1930.....	64	347	48.2	6			76	14	(1)	3		1								
1932.....	67	283	48.2	6			74	14	3	1	(1)									
Female.....																				
1910.....	53	863	56.9							5	14	24	28	27						
1911.....	71	1,124	56.5							2	4	17	26	28	23					
1912.....	79	1,088	55.1							1	6	53	11	24	4					
1913.....	79	1,072	54.7							1	7	58	20	14						
1914.....	85	1,116	54.1							7	16	51	20	7						
1916.....	121	1,383	53.9							8	18	54	14	6						
1918.....	132	1,477	51.7				4	49	11	30	4	2								
1920.....	111	1,313	48.8	2	6	5	1	51	25	1	9	1	1							
1922.....	98	1,142	49.0	2	1	4		56	29	2	7	1								
1924.....	99	1,053	49.4	1		3		50	30	4	12	(1)								
1926.....	123	1,170	49.1	1		1	(1)	52	37	1	7									
1928.....	119	1,022	49.3	2		1		46	40	4	7									
1930.....	125	1,164	49.1	1		1		2	44	4	3	4	1					(1)		
1932.....	131	1,097	49.0	1		6	1	40	44	3	3	1						(1)		

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Including 1 per cent under 44.

<sup>3</sup> Including less than 1 per cent under 44.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year—Continued

LASTING DEPARTMENT

Occupation, sex, and year	Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—											
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 51	51, under 54	54	Over 54, under 57	57, under 60	60	
<b>Assemblers for pulling-over machine:</b>															
Male.....1911	17	218	55.4								43	32	23	3	
1912	50	542	55.8						6	5	32	18	24	16	
1913	54	597	55.4						2	5	41	27	19	5	
1914	64	708	55.3						6	7	27	33	24	3	
1916	97	801	55.0						4	9	34	34	15	4	
1918	102	726	52.6						5	38	12	24	12	9	(1)
1920	88	691	48.6	9		1	(1)	60	20	(1)	9	(1)			
1922	70	593	49.0	1		3		61	23	(1)	12	1			
1924	81	421	49.3	2		2		52	30	2	11	2			
1926	113	541	49.1	3		1	(1)	49	39	1	6	1			
1928	116	537	49.0	7		(1)		50	32	4	5	2			
1930	125	624	49.0	3		3	2	48	36	2	4	1		(1)	
1932	138	574	49.1	2		4	1	47	35	3	6	2		(1)	
Female.....1920	23	77	48.5			23		55	6	4	4	6	1		
1922	15	58	39.0			5		74	5	5	2	9			
1924	8	33	50.0					52	18	30					
1926	9	36	49.6				3	25	67		6				
1928	10	26	49.9					15	77	8					
1930	9	32	49.4					38	56	6					
1932	16	43	48.9					49	51						
<b>Bed-machine operators:</b>															
Male.....1910	35	513	56.4							3	33	15	30	19	
1911	54	793	56.1							3	33	25	23	15	
1912	65	1,127	55.6							9	40	19	22	11	
1913	65	1,220	55.2							10	41	29	16	3	
1914	70	1,173	55.1							15	30	38	14	3	
1916	93	1,336	55.0							2	15	31	37	4	
1918	104	1,303	52.1					2	51	14	15	10	12	(1)	
1920	93	1,252	48.7	2	5	3	(1)	67	14		10	1			
1922	86	1,167	48.9	3	2	3		60	18	1	12	1			
1924	92	1,082	49.1	3		2		59	21	3	11	1			
1926	121	1,279	49.1	3		(1)		53	35	1	6	1			
1928	117	1,207	49.2	3		1		51	34	4	6	2			
1930	130	1,478	49.1	2		3	1	48	37	3	5	1		(1)	
1932	132	1,365	49.1	1		4	1	50	35	3	5	2		(1)	
<b>Turn lasters, hand (including first and second lasters):</b>															
Male.....1912	28	452	55.6							24	12	16	28	20	
1913	28	524	55.0							27	23	17	28	5	
1914	31	689	54.4							12	16	10	49	8	
1916	42	974	54.9							7	14	16	44	17	
1918	35	752	53.8							18	22	10	42	9	
1920	33	666	47.1	4	5	2	49	10				9			
1922	30	571	48.5	2		14		57	18	2		8			
1924	31	496	48.2	7		5		67	16	2	5				
1926	35	736	47.7	1	15	2		65	17	1	1				
1928	31	706	47.9	11		1		66	21	1	1				
1930	24	789	46.5	40		1	2	48	8	(1)	1				
1932	18	541	46.4	51				28	20	(1)					

BOTTOMING DEPARTMENT

<b>Goodyear stitchers:</b>															
Male.....1910	45	366	56.3							1	6	24	26	24	19
1911	61	529	55.9							5	35	25	21	14	
1912	70	627	55.9							6	37	20	20	17	
1913	70	642	55.2							9	42	29	19	2	
1914	74	594	55.1							12	32	39	14	2	
1916	97	656	54.8							2	15	35	33	3	
1918	105	680	52.4							49	14	15	13	9	(1)
1920	86	599	48.6	2	4	3	(1)	68	15		9	1			
1922	77	543	48.6	3	2	3		67	15		9				

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Including 1 per cent under 44.

<sup>4</sup> Including 2 per cent under 44.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year—Continued

**BOTTOMING DEPARTMENT—Continued**

Occupation, sex, and year	Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—																
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 51	51, under 54	54	Over 54, under 57	57, under 60	60						
Goodyear stitchers—Contd.																				
Male.....1924	79	505	48.8	4		2		62	22		10									
1926	98	517	48.9	3		(1)	(1)	58	33	(1)	3		2							
1928	89	461	48.9	3		1		57	31		5		2							
1930	100	576	49.1	2		3	2	51	33		4		4							(1)
1932	95	486	49.0	2		5	2	49	32		4		3							
Edge trimmers:																				
Male.....1910	55	573	56.4							1	10	20	24	24	21					
1911	71	765	56.5								7	29	26	23	15					
1912	81	827	55.9								6	34	21	26	12					
1913	81	838	55.4								6	37	34	19	4					
1914	85	886	55.1							2	11	25	43	16	2					
1916	129	1,081	54.9							5	12	29	40	12	3					
1918	138	1,015	52.5					3	43	13	19	16	8	(1)						
1920	112	828	48.7	*4		6	1	59	19	(1)	9	1	1							
1922	100	789	48.9	2		2	5	55	24		1	10	1							
1924	102	686	49.1	3		3		56	26		3	9	1							
1926	127	808	49.2	3		1	(1)	51	36		1	7	1							
1928	131	754	49.1	3		1		51	35		4	6	2							
1930	140	895	49.1	1		3	2	49	34		3	6	2							(1)
1932	146	813	49.1	2		4	1	46	36		3	5	3							(1)

**FINISHING DEPARTMENT**

Edge setters:																				
Male.....1910	54	560	56.3							1	13	17	25	26	18					
1911	68	722	56.3								8	26	24	25	17					
1912	78	789	55.8								7	35	24	22	13					
1913	77	826	55.3								8	36	33	19	3					
1914	86	872	55.2							3	13	21	43	17	3					
1916	131	966	54.9							5	13	27	39	13	3					
1918	138	924	52.7					2	40	15	17	17	18	8	(1)					
1920	112	845	48.7	*5		6	(1)	58	21	(1)	8	2	(1)							
1922	99	779	48.9	2		2	5	55	22		1	9	2							
1924	102	681	49.1	3		2		57	25		2	10	1							
1926	129	765	49.1	*4		1	1	50	35		1	7	1							
1928	133	738	49.1	3		1		51	33		4	6	2							
1930	140	794	49.0	3		3	2	49	34		2	6	2							(1)
1932	145	744	49.0	3		4	1	46	35		3	6	2							(1)
Troers, hand and machine:																				
Male.....1910	44	832	55.9								21	17	27	18	17					
1911	63	1,006	56.0								10	26	31	18	15					
1912	73	1,143	55.8								10	34	23	19	14					
1913	73	1,110	55.3								11	37	29	20	4					
1914	80	1,204	55.3								14	27	38	18	3					
1916	124	1,652	54.9					3	2		18	36	29	10	2					
1918	125	1,387	52.3					7	42	18	11	15	5	(1)						
1920	98	1,106	48.3	*6		7	11	53	16		4	3								
1922	90	970	48.6	3		3	7	59	18		1	9	1							
1924	93	948	48.8	3		1		61	21		2	10	1							
1926	114	1,088	49.2	*4		1	1	49	36		2	8	1							
1928	118	1,072	49.2	4		1		52	31		4	7	1							
1930	125	1,210	49.1	4		(1)	2	52	32		3	7	2							(1)
1932	132	1,058	49.3	4		(1)	1	44	40		2	7	2							(1)
Female.....1910	8	74	57.8									30		43	27					
1911	11	85	58.1									27		29	44					
1912	13	108	54.4								10	62	12	16						
1913	13	110	54.6								18	55		26						
1914	18	107	52.1								41	40	9	7						
1916	15	144	53.1								14	41	37	8						
1918	81	211	53.3								31	8	36	14	11					
1920	37	296	49.7	9		(1)	5	36	27		1	14	4	4						
1922	85	228	49.3	1				54	31		2	10	1							
1924	31	184	48.8	1		1		69	24		3	1	2							

\* Less than 1 per cent.

\* Including less than 1 per cent under 44.

TABLE 4.—Average and classified full-time hours per week in 14 specified occupations, 1910 to 1932, by department, sex, and year—Continued

FINISHING DEPARTMENT—Continued

Occupation, sex, and year	Number of establishments	Number of wage earners	Average full-time hours per week	Per cent of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 51	51, under 54	54	Over 54, under 57	57, under 60	60
<b>Treers, hand and machine—Continued.</b>														
Female.....1926	43	302	49.0					59	35	(1)	5			
1928	36	239	49.3					45	49	5	1			
1930	42	280	48.6	(1)		10	9	36	42	3	(1)			
1932	41	249	48.7			14		40	37	7	1	1		
<b>Repairers (not cobblers, including tip fixers and scourers):</b>														
Male.....1920	57	169	48.1	9		6	1	66	11	1	6			
1922	49	126	48.3	6	3	4		63	16	2	6			
1924	48	102	48.9	7				59	23		10	2		
1926	53	128	48.2	17				48	30		3	2		
1928	48	134	48.5	9		1		56	28	3	1	3		
1930	50	142	48.2	20		4		39	27		5	4		
1932	40	65	48.2	23		5		38	22	2	5	5	2	
Female.....1920	87	711	47.7	11		15	(1)	52	13	1	5	(1)		
1922	79	668	48.2	(1)	1	14		64	13	1	6	1		
1924	77	624	48.8	1		4		67	17	2	7	2		
1926	110	925	49.0	1		1	(1)	59	28	2	8			
1928	120	832	49.4	1		1		51	33	7	8			
1930	123	863	49.2	1	(1)	1	4	51	32	5	7		(1)	
1932	131	590	48.8	1		2	2	59	26	3	5	(1)	(1)	

1 Less than 1 per cent.

Table 5 shows by States the regular full-time hours per week and per day of the wage earners in each of the 164 establishments covered in the 1932 study.

Full-time hours per week ranged by establishments from a low of 43¼ for one to a high of 60 hours for another establishment. The hours per week of the wage earners in 15 establishments, or 9.1 per cent of the 164 covered in the study, were less than 48 per week; in 66 establishments, or 40 per cent, were 48 per week; in 9 establishments, or 5.5 per cent, were over 48 and under 50 hours per week; in 32, or 19.5 per cent, were 50 per week; and in 19, or 13.4 per cent, were over 50 but not more than 60 hours per week. The hours of females in 28 establishments were less than those for males.

Hours per day, Monday to Friday, ranged by establishments from 8 to 10¼, and on Saturday in the 157 establishments in which the schedule called for work on that day ranged from 3 to 8¼. The 5-day week with no work on Saturday was in operation in 7 establishments. In 20 establishments all or part of the workers had a day of more than 9 hours. In every establishment that provided for work on Saturday the hours on that day were less than on other days.

TABLE 5.—Number of establishments in each State in which full-time hours per week and per day of the wage earners were as specified, 1932

Full-time hours per week	Full-time hours per day		Number of establishments in—															
	Monday to Friday	Saturday	Illinois	Kentucky	Maine	Maryland and Virginia	Massachusetts	Michigan	Minnesota	Missouri	New Hampshire	New Jersey	New York	Ohio	Pennsylvania	Tennessee	Wisconsin	Total
43¾ hours.....	8¾	0					1											1
44 hours.....	9	4					1					2	5					7
45 hours.....	9	0					1						3			1		1
47 hours.....	8½	4½					1											1
47½ hours.....	9½	0					1											1
	8¾	4¼				3	18	1		2	6	4	5		2		1	41
	8¾	4¾					8				2						1	11
	8¾	5					6											6
48 hours.....	8½	5½					1											1
	8½	4½	2				1											3
	8¾	4½					1											1
	8¾	4½					1											3
	8¾	4½					2											2
48¼ hours.....	8¾	4½					2											2
49½ hours.....	9	4½	1			1	1					2	1					6
49½ hours.....	9	4½				1	1											2
49½ hours.....	9	4½					1											1
48 hours.....	8¾	4½					1											1
48 hours.....	8¾	4½					1											1
46½ hours.....	8½	3					1											1
50 hours.....	9	5	3	1	3	1	1	3	1	5	2		1	3	3	1	4	32
50 hours.....	9	5											3					3
50 hours.....	9	5																3
50 hours.....	9	5																12
48 hours.....	8¾	4½																12
50 hours.....	9	5																3
48 hours.....	8¾	4½																3
50 hours.....	9	5																1
48 hours.....	8¾	4½																1
50 hours.....	9	5																1
44 hours.....	8	4																1
50½ hours.....	9	5½				2												2
51 hours.....	9½	5												1				1
52½ hours.....	9½	5							1			1		1				3
53 hours.....	9	8		1														1
54 hours.....	9¾	5¼				4												5
54 hours.....	9¾	5¼																1
50 hours.....	9	5																1
55 hours.....	10	5															2	2
55 hours.....	10	5																3
54 hours.....	10	4												3				3
55 hours.....	10	5																2
50 hours.....	9	5																2
55 hours.....	10	5																1
54 hours.....	9¾	4¾			1													1
60 hours.....	10¼	8¾		1														1
Total.....			6	3	8	7	59	4	4	11	8	3	19	7	12	4	9	164

1 All except females in the finishing and stitching departments.

2 Females in finishing department.

3 Females in stitching department.

4 Males.

5 Females.

### Changes in Full-Time Hours Since February 1, 1930

Between February 1, 1930, and the period of the study in 1932, only 5 of the 164 establishments included in the report made changes in full-time hours per week. Each of the 5 changed from a 6-day to a 5-day week, 1 from a 48 to a 43¾-hour week, 3 from a 50 to a 45-hour week, and 1 from a 52½ to a 51-hour week and later to a 45-hour week. Three of the changes occurred in July, 1930; 1 in March, 1931; 1 in November, 1931; and 1 in January, 1932.

### Changes in Wage Rates Since February 1, 1930

Of the 164 establishments included in this report, 135 reduced wage rates one or more times and 3 of the 135 increased rates between February 1, 1930, and the period of the 1932 study. Table 6 shows the number of establishments in which rates were changed, the wage earners affected, the per cent of decrease and increase, and the year in which the change was made.

The decreases affected all wage earners in 122 establishments and a specified part of the wage earners in 13 establishments. The decreases ranged by establishments from a single decrease to all of 5 per cent in two establishments to three decreases of 15, 15, and 10 per cent in another establishment. One decrease of 10 per cent was made to all in each of 63 establishments. Rates of all wage earners in 1 establishment were reduced 5 and 5 per cent; in 1 were reduced 7.5 and 7.5 per cent; in 2 were reduced 10 and 5 per cent; in 1 were reduced 10 and 7.5 per cent; in 18 were reduced 10 and 10 per cent; in 1 were reduced 10, increased 10, and reduced 10 per cent; and in each of 5 establishments were reduced 10 and 15 per cent, 6, 8, and 5 per cent, 15, 15, and 10 per cent, 12 and 12 per cent, and 12.5 and 10 per cent, respectively. Beginning in February, 1930, 30 decreases were made in that year, 121 in 1931, and 32 in the first 2 months of 1932.

TABLE 6.—Changes in wage rates between February 1, 1930, and the period of the 1932 study

Number of establishments	Wage earners affected	Per cent of decrease	Number of establishments in which changes occurred in—			
			1930	1931	1932	Total
2	All.....	5.....		2		2
1	do.....	6.....		1		1
2	do.....	6½.....		2		2
3	do.....	7.....		2	1	3
1	do.....	7½.....		1		1
2	do.....	8.....		2		2
63	do.....	10.....	19	146	9	163
1	do.....	12.....		1		1
4	do.....	15.....		2	2	4
1	do.....	10 to 15.....	1			1
2	do.....	20.....	1	1		2
1	do.....	5 and 5.....	1	1		1
1	do.....	7½ and 7½.....	1	1		1
2	do.....	10 and 5.....		2		2
1	do.....	10 and 7½.....	1		1	1
18	do.....	10 and 10.....	3	15	8	18
1	do.....	10 <sup>4</sup> .....		1		1
1	do.....	10 and indefinite per cent.....		1	1	1
1	do.....	10 <sup>5</sup> and 10.....		1	1	1
1	do.....	10 and 15.....		1	1	1
1	do.....	6, 8, and 5.....		1	1	1
1	do.....	15, 15, and 10.....	1	1		1
1	do.....	12 and 12.....	1	1		1
1	do.....	12½ and 10.....		1		1
	10 per cent.....	7.....				
	65 per cent.....	10.....	1			1
	25 per cent.....	15.....				
1	All except time workers at less than 15 cents per hour.....	10 and 10.....		1	1	1

<sup>1</sup> Includes 2 in which rates of one part of wage earners were reduced in 1930 and the other part were reduced in 1931.

<sup>2</sup> Includes 1 in which year of change was not reported.

<sup>3</sup> Rates of 7 were reduced in 1930 and 1931; of 3 in 1930 and 1932; of 3 in 1931 only; and of 5 were reduced in 1931 and 1932.

<sup>4</sup> This was followed by an increase of 10 per cent, both in 1931.

<sup>5</sup> An increase of 10 per cent was made in 1931 after the decrease in that year and before the decrease in 1932.

TABLE 6.—Changes in wage rates between February 1, 1930, and the period of the 1932 study—Continued

Number of establishments	Wage earners affected	Per cent of decrease	Number of establishments in which changes occurred in—			
			1930	1931	1932	Total
1	All except vampers and cutters.....	6.....		1		1
1	All except sorters and cutters.....	9.....			1	1
1	All except vampers and cutters.....	6.....		1		1
1	All except "Puritan" department.....	10.....		1		1
1	All.....	12½.....	1			1
1	All except cutters.....	15.....			1	1
1	Time workers.....	8.....		1		1
1	Piece workers.....	8 and 4.....		1		1
1	68 per cent.....	10 and 10.....		1		1
1	32 per cent.....	10 and 5.....		1		1
1	Time workers.....	10.....		1		1
1	Piece workers.....	5.....		1		1
1	Time workers.....	10.....		1		1
1	Piece workers.....	(9).....	1			1
1	Time workers.....	15.....		1		1
1	Piece workers.....	15 and 10.....	1	1		1
1	Piece workers except vampers.....	6.....		1		1
1	Piece workers.....	10 to 15.....		1		1
1	Lasting, cutting, stitching, and packing departments.....	5.....		1		1
1	Piece workers except vampers.....	6.....		1		1
1	Outsides cutters.....	9¾.....			1	1
1	Piece workers.....	15.....			1	1
1	51 per cent of time workers.....	11.....			1	1
1	All except cutters and sorters at time rates.....	6.....		1		1
1	Cutters and sorters at time rates.....	6 and 10.....		1	1	1
1	Piece workers except vampers.....	6 and 6.....	1			1
1	Vampers.....	6 7 and 6.....				1
1	75 per cent.....	7 to 10.....		(9)	(9)	1
1	Piece workers.....	5.....		1		1
1	Time workers.....	9¾.....			1	1
1	Piece workers.....	6.....		1		1
1	Cutters, vamp and whole shoe, hand.....	9¾.....			1	1

• Indefinite.

7 Followed by increases of 3 per cent in 1931 and in 1932.

• Various decreases to different wage earners.

## Overtime and Sunday and Holiday Work, 1932

Overtime is any time worked before the regular starting time or after the regular quitting time on any day, regardless of the rate of pay for such work. Work on Sunday and holidays is overtime or extra work only when the working schedule of an employee does not provide for work regularly on those days. Work on Saturday by an employee in an establishment in which the 5-day week, Monday to Friday, is in effect is overtime.

The rate for overtime or extra work was higher than for regular working time in 7 of the 164 factories covered in the study in 1932 and the same as for regular working time in 157. The higher rate applied to all wage earners in 6 factories and to part of the wage earners in 1 factory, and was one and one-half times the regular rate.

During the period covered by the 1932 study there was overtime work in only 2 of the 7 factories in which the rate was one and one-half times the regular rate, and in 113 factories in which the rate was the same as for regular working time.

### Bonus Systems, 1932

A bonus to a wage earner is generally understood as compensation in addition to earnings at basic rates of pay.

Bonus systems were in operation in 21 of the 164 factories covered in the 1932 study. The systems provided for the payment of the additional compensation to certain classes of wage earners for efficiency, production, or attendance. Table 7 shows for each of the 21 factories the kind or basis of bonus, the specified class of wage earners who could under certain conditions earn the bonus, and the amount that could be earned. One factory provided for a bonus and a penalty, the penalty not to exceed the possible high bonus for the day.

TABLE 7.—*Bonus systems of 21 factories in the boot and shoe industry, 1932*

Number of establishments	Kind of bonus	Wage earners entitled	Bonus earned	Amount of bonus
1	Efficiency.....	Cutters, hand or machine, of leather (not sole) and linings. Usually 60 per cent of the cutters participate.	When the number of pairs cut from a certain quantity of leather exceeds the standard set for such quantity.	10 per cent of total earnings at basic rates of all cutters, distributed as follows: 40 per cent of his earnings at basic rates to cutter of highest efficiency; 35 per cent to second highest; 30 per cent to third highest; 25 per cent to fourth highest; 20 per cent to fifth highest; 15 per cent to sixth highest; 10 per cent to seventh highest; and 1 per cent to other cutters in order of rank until bonus amount is exhausted.
1	.....do.....	Cutters, vamp and whole shoe, machine.	.....do.....	10 per cent of individual earnings at basic rates.
1	.....do.....	Cutters, outsole and insole, and cutters, vamp and whole shoe, machine.	When the number of pairs cut from a certain quantity of leather is at least 10 per cent in excess of the standard set for such quantity.	10 per cent of earnings at basic rates to those cutting 10 but less than 12½ per cent more product than set standard; 12½ per cent to those cutting 12½ but less than 15 per cent; 15 per cent to those cutting 15 but less than 17½ per cent; 17½ per cent to those cutting 17½ but less than 20 per cent; and 20 per cent to those cutting 20 per cent or more.
		Cutters, vamp and whole shoe, hand.	When an individual cuts more pairs of shoes from a certain quantity of leather than the average for all cutters, whether the average is more or less than the standard set for such quantity of leather.	8 cents for each foot of leather above the average for all hand cutters.
1	.....do.....	Cutters, vamp and whole shoe, machine.	.....do.....	5 cents for each foot of leather above the average for all machine cutters.
		Cutters, trimmings, hand or machine.	When an individual cuts more pairs of trimmings from a certain quantity of leather than the average for all cutters and the average is more than the standard for such quantity.	1 cent for each foot of leather above the average for the group.

TABLE 7.—*Bonus systems of 21 factories in the boot and shoe industry, 1932—Con.*

Number of establishments	Kind of bonus	Wage earners entitled	Bonus earned	Amount of bonus
2	Efficiency-----	Cutters, outsole-----	When damaged cuts are not more than seven-tenths of 1 per cent of total number of cuts made in one week.	\$2.25 per week for No. 1 soles, \$1.75 for No. 2, and \$1.50 for No. 3. <sup>1</sup>
		Cutters, outsole and offal.	When the number of pairs cut from a certain quantity of leather exceeds the standard set for such quantity.	33 cents per 100 pairs for those cut over standard. <sup>1</sup>
		Cutters, sole leather (offal).	When the damaged cuts are not more than one-half of 1 per cent of the total number of cuts made in one week.	\$2 per week for No. 1 soles, \$1.50 for No. 2, and \$1.25 for No. 3. <sup>1</sup>
		Cutters, sole leather (flexibles).	When the damaged cuts are not more than two-tenths of 1 per cent of the total number of cuts made in one week.	\$2 per week for No. 1 soles, \$1.50 for No. 2, and \$1.25 for No. 3. <sup>1</sup>
		Cutters, sole leather (strip).	When the number of pairs cut from a certain quantity of leather exceeds the standard set for such quantity.	21 cents per 100 pairs for those cut over standard. <sup>1</sup>
1	-----do-----	Those in sole leather, lasting, bottoming, and finishing departments.	When efficiency is 75 per cent or more of the standard established by a time study.	13 cents per 100 pairs for those cut over standard. <sup>1</sup>
1	-----do-----	Cutters, leather, except sole.	When all cutters, except sole, as a group save leather by cutting an average of more than the standard set for a certain quantity of leather.	1 per cent of earnings at hourly rates for efficiency of 75 per cent of standard; also 0.6 per cent for each per cent over 75 to and including 90 per cent; 1 per cent for each per cent over 90 to and including 100 per cent; and 0.2 per cent for each per cent over 100 to and including 200 per cent.
1	-----do-----	Cutters, vamp and whole shoe, hand.	When the efficiency of an individual cutter in saving leather is above that of one-third of the entire group of hand cutters.	7 per cent of total earnings at basic rates of all cutters, except sole, distributed as follows: 20 per cent of their earnings at basic rates to cutters of highest efficiency and remainder of bonus among others according to percentage of efficiency of each as compared with percentage for group.
1	-----do-----	Cutters, trimmings, hand.	When the efficiency of an individual cutter in saving leather is above that of one-third of the entire group of hand cutters.	20 per cent of earnings at basic rates to cutter of highest efficiency; 19 per cent to second highest and decreasing by 1 per cent to each one in order of rank of efficiency to 1 per cent of earnings to number 20, where bonus payments end.
				20 per cent of earnings at basic rates to trimming cutter of highest efficiency; 17 per cent to the second highest; 13 per cent to the third; 10 per cent to the fourth; 7 per cent to the fifth; and 3 per cent to the sixth, where bonus payments end.

<sup>1</sup> Combined bonuses not to exceed \$5.25 per week to any 1 worker.

TABLE 7.—*Bonus systems of 21 factories in the boot and shoe industry, 1932—Con.*

Number of establishments	Kind of bonus	Wage earners entitled	Bonus earned	Amount of bonus
1	Efficiency.....	All leather cutters, except sole.	When there is a saving of leather by cutting more pairs of shoes from a certain quantity of leather than the standard set for such quantity.	One-third of the value of the leather saved.
3	do.....	do.....	do.....	4 per cent of earnings in week for each one-half of 1 per cent of leather saved, not to exceed 40 per cent of such earnings.
1	do.....	Pullers-over, machine and side lasters, machine.	When work for day does not require more than 3 correction trials on any shoe.	Bonus: 40 cents per day. Penalty: 10 cents for each shoe not salvaged in 3 trials, not to exceed 40 cents per day.
1	do.....	Tack inspectors, not final.	When final inspectors find no tacks in day's work.	25 cents per day.
1	do.....	Cutters, vamp and whole shoe, hand.	When the number of pairs cut from a certain quantity of leather is 10 per cent or more above the standard set for such quantity.	10 per cent of earnings at basic rate to those effecting a saving by cutting 10 but less than 12½ per cent more than set standard; 12½ per cent to those cutting 12½ but less than 15 per cent; 15 per cent to those cutting 15 per cent but less than 17½ per cent; 17½ per cent to those cutting 17½ but less than 20 per cent; 20 per cent to those cutting 20 per cent or more than the set standard.
1	do.....	Cutters, outsides, kid.	When the efficiency of an individual cutter in saving material is above that of one-third of the entire group of cutters of the kind to which the bonus applies.	40 per cent of piecework earnings to cutter of highest efficiency and decreasing 1 per cent to each one in order of rank to 1 per cent of earnings to number 40, where bonus payments end.
1	do.....	Cutters, outsides, calf; and cutters, leather lining.	do.....	30 per cent of earnings at basic rates to cutter of highest efficiency and decreasing 1 per cent to each one in order of rank to 1 per cent of earnings to number 30, where bonus payments end.
1	do.....	Cutters, side leather; and cutters, outsides, fabric.	do.....	20 per cent of earnings at basic rates to cutter of highest efficiency and decreasing 1 per cent to each one in order of rank to 1 per cent of earnings to number 20, where bonus payments end.
1	do.....	Cutters, trimmings, hand.	When there is a saving of leather by cutting more than the set standard of trimmings from a certain quantity of material.	13 cents for each foot of leather saved.
1	do.....	Cutters, trimmings, machine.	do.....	9 cents for each foot of leather saved.

TABLE 7.—*Bonus systems of 21 factories in the boot and shoe industry, 1932—Con.*

Number of establishments	Kind of bonus	Wage earners entitled	Bonus earned	Amount of bonus
1	Efficiency.....	Cutters, vamp and whole shoe, hand and machine; and cutters, trimmings, machine.	When the number of pairs of shoes or trimmings cut from a certain quantity of material is more than the standard set for such quantity.	For savings of less than 4 per cent, 6 cents for each foot saved; of 4 but less than 4½ per cent, 7 cents for each foot plus 5 per cent of piecework earnings; of 4½ but less than 5 per cent, 7½ cents per foot plus 6 per cent of earnings; of 5 but less than 5½ per cent, 8 cents per foot plus 7 per cent of earnings; of 5½ but less than 6 per cent, 8½ cents per foot plus 8 per cent of earnings; of 6 per cent and over, 9 cents per foot for each foot saved plus 9 per cent of piecework earnings.
1	Production.....	Pullers-over, machine, side lasters, machine, bed lasters and Goodyear welters.	When the production of an individual at piece rates is sufficient to earn over \$18 per week.	6 per cent of weekly earnings of over \$18 but not over \$19; 6 per cent of over \$19 but not over \$20; 7 per cent of over \$20 but not over \$21; 8 per cent of over \$21 but not over \$22; 9 per cent of over \$22 but not over \$23; 10 per cent of over \$23 but not over \$24; 11 per cent of over \$24 but not over \$25; 12 per cent of over \$25 but not over \$28; 13 per cent of over \$28 but not over \$30; and, 14 per cent of earnings of over \$30 per week.
1	.....do.....	64 per cent of cutters, vamp and whole shoe, male.	When individual cuts more than 11 pairs of shoes per hour.	3½ cents for each pair of black and 4 cents for each pair of tan shoes in excess of 11 pairs per hour.
1	Attendance.....	Time workers.....	When individual is on duty 25 hours or more in week.	½ hour's pay at basic rates.

### Index Numbers of Employment and Pay Rolls, 1923 to 1931

Index numbers of employment and of pay rolls in the boot and shoe industry are presented in Table 8 by months and years from January, 1923, to December, 1931. The indexes were computed from the number of persons employed and the amount of pay rolls for each month and year over this period with the average for 1926 as the base or 100 per cent, and are as published by the Bureau of Labor Statistics in monthly reports on "Trend of Employment."

During the period, 1923 to 1931, monthly employment was highest in February and March, 1923, with an index of 116.4, and lowest in November, 1931, with an index of 68.2, and pay rolls were highest in March, 1923, with an index of 129.2 and lowest in November, 1931, with an index of 41.4. By years, both employment and pay rolls were highest in 1923 when the indexes were 111.1 and 117.0, respectively, and lowest in 1931 with indexes of 79.9 and 60.6, respectively.

TABLE 8.—Index numbers of employment and of pay rolls, January, 1923, to December, 1931, by month and year

[Average for 1926=100.0]

Month	Employment								
	1923	1924	1925	1926	1927	1928	1929	1930	1931
January.....	115.4	107.7	105.0	100.6	101.2	94.3	91.0	90.4	76.5
February.....	116.4	108.2	107.0	102.7	101.4	96.2	93.5	91.8	79.9
March.....	116.4	108.8	107.0	100.9	101.3	95.6	92.2	90.9	83.3
April.....	113.9	102.7	102.4	95.3	96.2	90.4	89.8	89.1	82.5
May.....	111.6	98.1	100.1	93.9	94.3	87.3	89.3	85.6	80.6
June.....	107.9	92.3	94.8	94.2	93.8	87.6	88.1	83.3	79.2
July.....	105.7	93.2	99.0	98.3	98.0	92.6	93.8	86.0	84.7
August.....	110.6	98.9	105.0	103.3	102.0	94.8	97.8	87.0	87.1
September.....	110.2	102.2	107.0	104.9	102.2	95.1	99.2	85.4	84.7
October.....	109.2	103.6	106.4	104.4	99.6	93.6	98.7	82.0	79.2
November.....	108.8	102.6	102.3	102.2	92.4	87.8	93.3	75.2	68.2
December.....	107.3	101.0	98.3	99.4	90.0	87.3	88.3	73.1	73.0
Average.....	111.1	101.6	102.9	100.0	97.7	91.9	92.9	85.0	79.9

  

Month	Pay-roll totals								
	1923	1924	1925	1926	1927	1928	1929	1930	1931
January.....	124.6	111.5	106.4	98.5	98.4	90.4	86.9	80.3	55.4
February.....	126.2	112.5	111.6	104.1	105.7	97.4	91.0	81.3	64.9
March.....	129.2	111.7	112.0	102.5	103.3	95.6	88.1	80.8	70.1
April.....	124.6	100.6	102.2	90.8	95.8	80.2	83.7	76.8	66.8
May.....	121.4	95.4	100.5	87.1	92.6	76.3	83.6	69.6	64.4
June.....	115.2	89.8	93.9	93.8	93.5	82.0	85.2	67.8	62.1
July.....	106.9	90.4	100.2	100.7	100.9	90.6	94.6	74.2	69.0
August.....	113.7	103.7	112.7	109.7	110.4	98.0	102.4	75.5	72.1
September.....	113.1	109.8	107.1	108.2	107.5	97.0	101.6	71.4	63.9
October.....	111.1	109.0	107.1	108.3	98.1	92.4	95.5	64.0	51.5
November.....	106.8	97.4	96.0	99.5	81.9	74.5	77.2	47.2	41.4
December.....	110.8	101.2	93.9	96.4	82.5	81.3	77.9	51.9	46.0
Average.....	117.0	102.8	103.6	100.0	97.6	88.0	89.0	70.1	60.6

### Importance of the Industry

The importance of the boot and shoe industry in number of establishments, average number of wage earners, amount of wages, cost of materials, etc., value of products, and value added by manufacture is shown in Table 9 for the United States as a whole in each of the specified years, 1899 to 1929, and in 1929 for each State except one for which 1932 figures are presented in this report. The table also shows the average per wage earner of yearly earnings, cost of materials, etc., value of products, and value added by manufacture; the per cent that wages were of the value added by manufacture; and the average yearly production per wage earner of pairs of boots, shoes, and slippers.

Yearly wages per wage earner for the United States as a whole ranged by years from \$412.05 in 1899 to \$1,116.90 in 1921, while in 1929 the range by States was from \$730.46 to \$1,332.24.

The per cent wages were of the value added by manufacture for the United States ranged by years from 47.9 in 1919 to 64.7 in 1899, and in 1929 ranged by States from 33.9 to 67.1.

The average number of boots, shoes, and slippers produced per wage earner in the United States ranged by years from 1,528 in 1914 to 1,807 in 1927 and 1929. In 1929 average production per wage earner ranged by States from 1,105 to 2,199 pairs.

TABLE 9.—Number of establishments, wage earners, amount of wages, cost of materials, value of products, value added by manufacture, and number of pairs of shoes produced, 1899 to 1929

[From United States Census of Manufactures]

State and year	Number of establishments	Average number of wage earners	Amount paid to wage earners	Cost of materials, containers for products, fuel, and purchased electric energy	Value of products	Value added by manufacture	Number of pairs of boots, shoes, and slippers produced	Average yearly earnings per wage earner	Cost of materials per wage earner	Value of products per wage earner	Value added by manufacture per wage earner	Per cent wages are of value added	Average production of boots, shoes, and slippers per wage earner in year
United States:													
1899	1,599	141,830	\$58,440,883	\$168,632,654	\$258,969,580	\$90,336,926	217,965,419	\$412.05	\$1,188.98	\$1,825.92	\$636.94	64.7	1,537
1904	1,316	149,924	69,059,680	197,363,495	320,107,458	122,743,963	242,110,035	460.63	1,316.42	2,135.13	818.71	56.3	1,615
1909	1,343	185,116	92,359,152	277,467,743	442,630,726	165,162,983	285,017,181	498.93	1,498.89	2,391.10	892.21	55.9	1,540
1914	1,355	191,555	105,695,404	310,356,586	501,760,458	191,403,872	292,666,468	551.78	1,620.20	2,619.41	999.21	55.2	1,528
1919	1,449	211,049	210,734,610	715,269,315	1,155,041,436	439,772,121	331,224,628	998.51	3,389.12	5,472.86	2,083.75	47.9	1,569
1921 <sup>1</sup>	1,505	183,502	204,954,095	478,432,445	867,475,896	389,043,451	286,771,101	1,116.90	2,607.23	4,727.34	2,120.10	52.7	1,563
1923 <sup>1</sup>	1,606	225,216	250,345,922	527,456,868	1,000,078,022	472,621,154	351,114,273	1,111.58	2,342.01	4,440.53	2,098.53	53.0	1,559
1925 <sup>1</sup>	1,460	206,992	225,787,981	481,631,964	925,383,422	443,751,458	323,553,055	1,090.81	2,326.82	4,470.63	2,143.81	50.9	1,563
1927 <sup>1</sup>	1,357	203,110	225,090,242	494,553,016	944,714,463	450,161,447	367,067,066	1,108.22	2,434.90	4,651.25	2,216.34	50.0	1,807
1929 <sup>1</sup>	1,341	205,640	222,407,732	515,055,246	965,922,694	450,867,448	371,519,239	1,081.54	2,504.65	4,697.15	2,192.51	49.3	1,807
1929													
Massachusetts	436	55,093	64,205,152	124,024,880	241,587,864	117,562,984	86,810,991	1,165.40	2,251.19	4,385.09	2,133.90	54.6	1,576
New York	323	36,980	49,266,111	93,731,929	189,775,703	96,043,774	81,308,122	1,332.24	2,534.67	5,131.85	2,597.18	51.3	2,109
Missouri	61	24,903	23,264,664	81,563,936	133,918,578	52,354,642	49,617,979	934.21	3,275.27	5,377.60	2,102.34	44.4	1,992
Illinois	65	13,433,889	39,345,627	39,345,627	73,778,876	34,430,249	28,229,791	812.32	2,672.03	5,010.25	2,338.22	39.0	1,917
New Hampshire	73	14,544	14,943,230	38,794,550	66,722,194	27,927,644	26,166,206	1,027.45	2,667.39	4,587.61	1,920.22	53.5	1,790
Ohio	43	12,258	12,300,137	26,961,230	51,013,079	24,051,848	* 13,542,873	1,003.44	2,199.48	4,161.62	1,962.13	51.1	* 1,105
Wisconsin	57	10,755	11,376,099	30,340,634	55,384,734	25,044,150	18,430,450	1,057.75	2,821.07	5,149.68	2,328.61	45.4	1,714
Pennsylvania	102	10,429	10,108,460	21,279,790	41,574,842	20,295,152	18,176,286	969.28	2,040.44	3,986.47	1,946.03	49.8	1,743
Maine	42	9,967	9,285,957	20,793,345	38,931,948	18,138,603	16,354,535	730.46	1,840.91	3,263.69	1,422.78	51.3	(3)
Kentucky	6	2,438	1,780,556	4,488,136	7,956,878	3,468,742	(3)	884.92	2,045.80	3,791.25	1,745.46	50.7	(3)
Maryland	13	2,239	1,981,327	4,580,545	8,486,619	3,908,074	(3)	750.93	2,977.30	5,190.25	2,212.96	33.9	(3)
Tennessee	5	2,116	1,588,976	6,299,957	10,982,577	4,682,620	(3)	1,066.06	2,468.63	4,836.94	2,368.31	45.0	(3)
New Jersey	20	1,422	1,615,937	3,510,394	6,878,127	3,367,733	(3)	997.98	2,693.31	5,080.16	2,386.84	41.8	(3)
Minnesota	10	1,047	1,044,880	2,819,897	5,318,923	2,490,026	(3)	1,042.96	3,878.05	5,431.40	2,553.35	67.1	(3)
Michigan	8	737	768,659	2,858,126	4,002,943	1,144,817	(3)	925.40	2,281.99	4,945.66	2,663.67	34.7	* 2,057
All other States	77	5,987	5,540,398	13,662,276	29,609,659	15,947,389	* 32,882,306						

<sup>1</sup> Data for establishments with products less than \$5,000 in value not included. Figures for 1929 do not agree with those previously published in Bulletin 551 due to a revision of census figures for that year.

<sup>2</sup> Exclusive of wood and metal fastened and stitch-downs, carried to "All other States."

<sup>3</sup> Included with "All other States."

<sup>4</sup> Including wood and metal fastened and stitch-downs manufactured in the State of Ohio.

## Scope and Method

The basic data for this report were taken directly from the pay rolls and other records of representative factories by agents of the bureau and are almost entirely for wage earners in productive occupations. A comparatively small number of wage earners in certain necessary nonproductive occupations, such as pattern and die boys, lumpers, factory sweepers, floor workers, rack pushers, etc., and a number of unimportant productive occupations were included; the data for them were combined and shown as the group of "Other employees." Wage data were not included for company officials, the office force, buyers, salesmen, superintendents, nonworking foremen, power-house employees, watchmen, guards, teamsters, or chauffeurs.

The factories making each kind of shoes, by process of attaching soles, were as follows: Goodyear welt only, 54 factories; McKay only, 24; cement only, 11; Goodyear welt and McKay, 8; Goodyear welt and cement, 11; Goodyear welt and turn, 7; Goodyear welt, McKay, and cement, 3; Goodyear welt, cement, and Littleway, 1; Goodyear welt, McKay, and stitchdown, 2; Goodyear welt and Littleway, 2; Goodyear welt, turn, McKay, and cement, 1; Goodyear welt, McKay, and Puritan, 1; Goodyear welt, stitchdown, and Puritan welt, 1; Goodyear welt and nail, 1; McKay and cement, 6; turn only, 7; turn and cement, 2; turn and Puritan welt, 1; Littleway only, 2; Littleway and cement, 1. In addition, 18 factories cut outsoles or insoles, counters, heels, strips, etc., or did only cutting and stitching for other factories to last, bottom, and finish. Data were not taken from any factory whose product was chiefly nailed, pegged, or stitchdown shoes, or specialties such as slippers, leggings, felt or rubber footwear, or tennis or other athletic shoes.

Of the 164 factories for which data are shown in this study, 20 made shoes for men only; 73 for women only; 10 for men and women; 14 for men and boys; 3 for men, boys, and youths; 2 for men, women, and boys; 2 for men, women, and children; 1 for men, women, boys, and children; 3 for women and misses; 2 for women and children; 5 for women, misses, and children; 1 for women, children, and infants; 1 for women, misses, children, and infants; 1 for boys and girls; 1 for misses and girls; 1 for misses and children; 4 for misses, girls, and children; 2 for misses, girls, children, and infants; and 17 cut outsoles, insoles, or other sole leather parts or built leather heels; and 1 cut and stitched uppers for another factory.

A large number of factories do not cut soles or other sole-leather parts or make heels. The sole-leather parts and heels used in such factories are purchased from companies that specialize in such work. To get and show figures for occupations in sole-leather departments and make them representative of the industry as a whole, it was necessary to collect data from a representative number of the companies that specialize in soles and other sole-leather parts. In making this study it was found that each of a few large companies had a central cutting department or a plant in which sole-leather parts were prepared for all of the factories of each company. The factories were often in different localities and for some companies in more than one State. A representative number of the factories and part of the cutting and sole-leather department of each company was included in the study.

A few large factories are represented in this report by only a part of their total number of wage earners in each occupation, as the inclusion of wage figures for all would have tended to give undue weight to and so possibly impair the representative character of the averages for States in which such large factories are located.

Nearly all of the factories in the industry pay their wage earners weekly. For those factories with a pay period longer than one week the data were so taken as to make it possible to show figures for one week only for their wage earners.

Data were taken from 91 factories for a pay period in January, 52 in February, 18 in March, and 3 in April, 1932. Therefore, the figures are especially representative of conditions in the first two months of the year.

A large per cent of the wage earners in the industry are pieceworkers. In factories where the time of pieceworkers was not of permanent record, arrangements were made by agents of the bureau with officials of the companies to have kept for a pay period a day-by-day record of all time on duty at the place of work by each wage earner who did any piecework during the period. No separation has been made in the tabulations of data for pieceworkers and timeworkers.

Average earnings per hour in each occupation, as presented in this report, were computed by dividing the total actual earnings of the wage earners in the occupation in one week by the total hours on duty by them in the week.

Average actual earnings in one week of wage earners in each occupation were computed by dividing the total amount earned in the week by all the wage earners in the occupation by the number of wage earners in the occupation.

Average full-time hours per week of wage earners in each occupation were computed by dividing the total full-time hours per week of all wage earners in the occupation by the total number of wage earners in the occupation.

Average full-time earnings per week of the wage earners in each occupation were computed by multiplying the average earnings per hour of wage earners in the occupation by the average full-time hours per week of such wage earners. This assumes that the earnings for a full-time week would have been at the same average rate per hour as was earned in the time actually on duty during the week studied.

Full-time hours and full-time earnings, as presented in the tables of this report, do not in any way indicate the amount of employment or of unemployment or of earnings actually made per week in any of the years for which data are shown. In computing average full-time hours per week each employee was credited with his full-time hours even though he may actually have worked more or less than full time during the week covered by this study. Some wage earners did work more than full time during the pay period covered due to overtime (see p. 38), while a majority worked less than full time because full-time work was not available to wage earners in many factories.

In selecting establishments from which to obtain data, the bureau endeavored to represent all States in which the manufacture of boots and shoes is of material importance in number of wage earners as reported by the United States Bureau of the Census.

Table 10 shows by States the number of wage earners in the industry according to the census of 1929 and the number of factories and of wage earners included in the 1932 study. The number of wage earners in the factories in the 16 States covered by this study, based on the census report, is approximately 97 per cent of the wage earners in the industry in the United States, and the number of wage earners included in this study is approximately 25 per cent of the wage earners in the 16 States.

TABLE 10.—Number of wage earners in the industry in the United States according to 1929 Census of Manufactures, and number of factories and wage earners for which data are shown for 1932, by State

State	Number of wage earners reported by United States Census Bureau, 1929 <sup>1</sup>	Factories and wage earners for which data are shown by the Bureau of Labor Statistics for 1932	
		Number of factories	Number of wage earners
Massachusetts.....	55, 093	59	13, 373
New York.....	36, 980	19	9, 203
Missouri.....	24, 903	11	5, 806
Illinois.....	14, 725	6	3, 166
New Hampshire.....	14, 544	8	2, 122
Ohio.....	12, 258	7	3, 167
Wisconsin.....	10, 755	9	2, 734
Pennsylvania.....	10, 429	12	3, 440
Maine.....	9, 967	8	2, 227
Kentucky.....	2, 438	3	666
Maryland and Virginia.....	<sup>2</sup> 2, 239	7	1, 428
Tennessee.....	2, 116	4	918
New Jersey.....	1, 422	2	428
Minnesota.....	1, 047	4	444
Michigan.....	737	4	544
All other States.....	5, 987	-----	-----
Total.....	205, 640	164	49, 666

<sup>1</sup> Not including wage earners in factories each of which had annual production valued at less than \$5,000.

<sup>2</sup> Maryland only; the figures for Virginia being included with "All other States" by the census.

## Occupations in the Industry

The occupations for which data are presented in this study are arranged below in the order of manufacture, and, except a few, are defined in Bulletin No. 232.

### Cutting department:

- Cutters, vamp and whole shoe, hand.
- Cutters, vamp and whole shoe, machine.
- Cutters, trimmings, hand (including dinkers and blockers).
- Cutters, trimmings, machine.
- Skivers, upper, machine.
- Cutters, linings, hand.
- Cutters, linings, machine.

### Sole-leather department:

- Cutters, outsole.
- Cutters, insole.
- Rounders, outsole or insole.
- Channelers, outsole or insole.

### Sole-leather department—Continued.

- Cutters, top and heel lifts, machine.
- Heel builders, hand.
- Heel builders, machine (including compressors).
- Fitting or stitching department:
- Stampers, linings or uppers (including markers).
- Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters).
- Folders, hand and machine.
- Perforators.
- Tip stitchers.
- Closers or seamers.

<p>Fitting or stitching department—Con.            Seam rubbers, hand and machine.            Lining makers (including lining closers and side and top facing stitchers).            Closers-on.            Top stitchers (including under-trimmers and barber trimmers).            Binders (including top banders).            Buttonhole makers.            Button fasteners.            Eyeleters (including hookers).            Vampers.            Barrers (including tackers).            Tongue stitchers.            Fancy stitchers.            Backstay stitchers (including back strappers).            Table workers.            Lacers (before lasting).</p> <p>Lasting department:            Last pickers or sorters (including last casers).            Assemblers, for pulling-over machine.            Pullers-over, hand.            Pullers-over, machine.            Side lasters, hand.            Side lasters, machine.            Bed-machine operators.            Hand-method lasting-machine operators.            Turn lasters, hand (including first and second lasters).            Turn lasters, machine.            Turn sewers.            Tack pullers, hand and machine.</p> <p>Bottoming department:            Goodyear welters (including in-seamers).            Welt beaters and slashers.            Bottom fillers, hand and machine.            Roughers for cement.</p>	<p>Bottoming department—Continued.            Sole cementers, hand and machine (including bottom cementers).            Sole layers, hand and machine.            Rough rounders.            Channel openers and channel closers (including channel layers, channel turners, channel cementers, and lip turners).            Goodyear stitchers.            McKay sewers.            Sole attachers, cement.            Stitch separators (including stitch wheelers).            Levelers.            Heelers, leather.            Heelers, wood.            Heel trimmers or shavers.            Heel breasters.            Edge trimmers.            Sluggers.</p> <p>Finishing department:            Buffers (including bottom scourers).            Naumkeag operators.            Edge setters.            Heel scourers (including first and second scourers).            Heel burnishers (including stoners, expeditors, and heel slickers).            Bottom stainers.            Bottom finishers (including bottom slickers).            Brushers.            Shoe cleaners.            Last pullers, hand and machine.            Treers, hand and machine.            Repairers (not cobblers) (including tip fixers and scourers).            Dressers.            Sock liners (including heel-lining, heel-pad, and heel-pin pasters).            Lacers (before packing).            Packers.</p>
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All wage earners employed in occupations not listed above are tabulated as "Other employees."

## General Tables

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

TABLE A.—Average number of days on which wage earners worked, average full time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State.

Table A also shows the number of establishments in which the occupation was found and the number of wage earners covered.

The 128 cutters, vamp and whole shoe, hand, male, in the four establishments in Illinois for which data are shown in this table worked on an average of 5.8 days in one week. Their average full-time hours per week were 48.7, and they actually worked an average of 49.5 hours in the week or 101.6 per cent of full time. They earned an

average of 55.3 cents per hour and an average of \$27.35 in the week. Their average full-time earnings per week were \$26.93, which is 42 cents less than the actual earnings in the week. The difference of 42 cents was due to the wage earners in this occupation in Illinois working an average of 0.8 of an hour or 1.6 per cent more than full time in the week. It will be observed that the wage earners in this occupation in Maryland and Virginia actually worked 1.9 hours or 3.9 per cent more than full time in the week and that those in all other States actually worked less than full time, the short or lost time ranging in such States from 1.7 per cent in Kentucky to 52.6 per cent in New Jersey. This explanation applies to each of the other occupations in the table.

TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State.

TABLE D.—Average and classified hours actually worked in one week in 14 specified occupations, 1932, by department, sex, and State.

TABLE E.—Average and classified actual earnings in one week in 14 specified occupations, 1932, by department, sex, and State.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State

## CUTTING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours worked in week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Cutters, vamp and whole shoe, hand, male:</b>									
Illinois.....	4	128	5.8	48.7	49.5	101.6	\$0.553	\$26.93	\$27.35
Kentucky.....	3	25	5.8	52.6	51.7	98.3	.462	24.30	23.88
Maine.....	7	110	5.9	53.0	48.4	91.3	.533	28.25	25.79
Maryland and Virginia.....	4	61	5.8	48.9	50.8	103.9	.477	23.33	24.24
Massachusetts.....	42	709	5.4	48.5	40.5	83.5	.695	33.71	28.18
Michigan.....	2	12	5.3	50.0	44.8	89.6	.508	25.40	22.78
Minnesota.....	3	19	5.3	48.4	42.8	88.4	.470	22.75	20.13
Missouri.....	8	116	4.5	48.1	35.7	74.2	.799	38.43	28.55
New Hampshire.....	6	56	4.9	48.5	35.6	73.4	.508	24.64	18.08
New Jersey.....	3	25	4.1	44.7	21.2	47.4	.772	34.51	16.35
New York.....	19	415	4.8	47.8	34.4	72.0	.713	34.08	24.53
Ohio.....	5	118	5.4	49.7	44.2	88.9	.549	27.29	24.28
Pennsylvania.....	9	129	5.2	51.1	43.7	85.5	.526	26.88	22.95
Tennessee.....	2	4	5.8	50.0	44.3	88.6	.543	27.15	24.02
Wisconsin.....	8	105	5.4	49.8	36.7	73.7	.549	27.34	20.16
Total.....	125	2,032	5.3	48.9	40.3	82.4	.634	31.00	25.59
<b>Cutters, vamp and whole shoe, hand, female:</b>									
New York.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Wisconsin.....	1	12	5.8	50.0	32.7	65.4	.336	16.80	10.98
Total.....	2	13	5.7	49.8	33.1	66.5	.337	16.78	11.16
<b>Cutters, vamp and whole shoe, machine, male:</b>									
Illinois.....	3	16	5.8	50.0	50.7	101.4	.384	19.20	19.50
Kentucky.....	1	9	4.2	53.0	34.5	65.1	.566	30.00	19.50
Maine.....	3	24	5.4	52.0	47.1	90.6	.631	32.81	29.71
Maryland and Virginia.....	3	17	5.7	49.5	51.0	103.0	.482	23.86	24.61

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Cutters, vamp and whole shoe, machine, male—Continued.</b>									
Massachusetts.....	20	134	5.2	48.4	39.0	80.6	\$0.683	\$33.06	\$26.64
Michigan.....	3	22	4.3	49.3	31.9	64.7	.578	28.50	18.44
Minnesota.....	2	13	4.4	51.9	40.0	77.1	.588	27.92	21.48
Missouri.....	4	163	4.7	50.0	39.3	78.6	.478	23.90	18.77
New Hampshire.....	7	60	4.9	48.4	35.3	72.9	.578	27.98	20.42
New Jersey.....	1	4	5.0	52.5	32.4	61.7	.542	28.46	17.54
New York.....	4	163	4.6	48.9	32.8	67.1	.690	33.74	22.65
Ohio.....	3	81	4.8	45.0	33.4	74.2	.555	24.95	18.66
Pennsylvania.....	6	58	4.6	53.3	41.9	78.6	.475	25.32	19.87
Tennessee.....	4	39	5.1	48.8	37.1	76.0	.433	21.13	16.04
Wisconsin.....	5	73	5.6	50.3	40.6	80.7	.491	24.70	19.90
Total.....	69	861	4.9	49.2	37.8	76.8	.563	27.70	21.29
<b>Cutters, vamp and whole shoe, machine, female:</b>									
Illinois.....	3	28	5.4	50.0	43.3	86.6	.440	22.00	19.04
Michigan.....	2	3	4.7	48.3	28.4	58.8	.704	34.00	20.01
Missouri.....	1	6	5.2	50.0	44.8	89.6	.425	21.25	19.03
Wisconsin.....	2	2	5.5	50.0	44.7	89.4	.379	18.95	16.94
Total.....	8	39	5.3	49.9	42.5	85.2	.448	22.36	19.01
<b>Cutters, trimmings, hand (including dinkers and blockers), male:</b>									
Illinois.....	3	27	5.2	48.4	44.1	91.1	.505	24.44	22.26
Kentucky.....	3	17	5.6	51.5	48.0	93.2	.228	11.74	10.94
Maine.....	7	47	5.7	53.7	43.1	80.3	.440	23.63	18.97
Maryland and Virginia.....	2	12	5.8	48.2	46.6	96.7	.262	12.63	12.21
Massachusetts.....	40	232	5.3	48.6	39.3	80.9	.474	23.04	18.62
Michigan.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Minnesota.....	3	7	4.7	49.9	41.0	82.2	.311	15.52	12.74
Missouri.....	5	39	4.5	49.1	38.2	77.8	.311	15.27	11.89
New Hampshire.....	5	21	3.9	49.3	23.7	48.1	.355	17.50	8.40
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	12	45	5.2	48.0	37.5	78.1	.465	22.32	17.42
Ohio.....	3	14	5.8	49.5	49.1	99.2	.353	17.47	17.34
Pennsylvania.....	7	32	5.0	50.4	42.5	84.3	.403	20.31	17.15
Tennessee.....	1	3	4.0	55.0	31.8	57.8	.202	11.11	6.44
Wisconsin.....	7	32	5.5	50.3	38.7	76.9	.307	15.44	11.88
Total.....	100	531	5.2	49.4	39.8	80.6	.420	20.75	16.74
<b>Cutters, trimmings, hand (including dinkers and blockers), female:</b>									
Maine.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Massachusetts.....	3	4	6.0	48.0	47.9	99.8	.331	15.89	15.84
Minnesota.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Wisconsin.....	1	6	5.7	50.0	29.7	59.4	.261	13.05	7.74
Total.....	6	12	5.8	49.9	37.9	76.0	.291	14.52	11.04
<b>Cutters, trimmings, machine, male:</b>									
Illinois.....	2	7	3.7	49.4	29.7	60.1	.325	16.06	9.67
Kentucky.....	1	3	4.0	53.0	32.6	61.5	.416	22.05	13.56
Maine.....	3	5	5.8	50.8	34.8	68.5	.382	19.41	13.29
Maryland and Virginia.....	5	15	5.4	49.3	45.9	93.1	.346	17.06	15.89
Massachusetts.....	10	26	5.5	49.2	44.6	90.7	.435	21.40	19.39
Michigan.....	2	3	4.7	50.0	33.8	67.6	.547	27.35	18.51
Minnesota.....	1	3	4.3	50.0	27.4	74.8	.339	16.95	12.70
Missouri.....	6	46	4.5	48.4	34.4	71.1	.478	23.14	16.45
New Hampshire.....	3	6	5.3	48.0	44.3	92.3	.513	24.62	22.69
New Jersey.....	2	3	5.0	46.8	30.0	64.1	.425	19.89	12.75
New York.....	14	42	5.2	47.8	39.0	81.6	.454	21.70	17.68
Ohio.....	5	29	4.9	45.9	34.6	75.4	.385	17.67	13.36

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

**TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.**

## CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Cutters, trimmings, machine, male—Continued.</b>									
Pennsylvania.....	5	17	5.3	49.9	44.1	88.4	\$0.356	\$17.76	\$15.68
Tennessee.....	3	8	5.1	50.0	39.3	78.6	.261	13.05	10.24
Wisconsin.....	6	22	5.3	50.4	40.1	79.6	.306	15.42	12.26
Total.....	68	235	5.0	48.6	38.6	79.4	.407	19.78	15.70
<b>Cutters, trimmings, machine, female:</b>									
Illinois.....	2	5	5.6	50.0	50.1	100.2	.239	11.95	11.99
Kentucky.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Michigan.....	1	3	4.0	50.0	33.1	66.2	.254	12.70	8.40
Minnesota.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	4	16	4.7	49.1	37.5	76.4	.314	15.42	11.79
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Ohio.....	1	9	6.0	50.0	47.5	95.0	.382	19.10	18.12
Pennsylvania.....	1	4	5.3	48.0	36.5	76.0	.266	14.21	10.78
Total.....	12	41	5.1	49.7	40.8	82.1	.316	15.71	12.88
<b>Skivers, upper, male:</b>									
Kentucky.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	3	4	5.8	52.0	48.5	93.3	.525	27.30	25.48
Maryland and Virginia.....	3	5	5.2	48.9	44.9	91.8	.258	12.62	11.56
Massachusetts.....	16	28	5.4	48.4	40.0	82.6	.620	30.01	24.78
Michigan.....	2	5	5.6	50.0	49.8	99.6	.404	20.20	20.12
New Hampshire.....	3	3	5.3	48.7	37.7	77.4	.438	21.33	16.50
New York.....	4	10	6.0	44.0	42.6	96.8	.770	33.88	32.78
Pennsylvania.....	4	7	4.6	49.3	33.0	66.9	.283	14.20	9.51
Total.....	36	63	5.4	48.4	41.5	85.7	.537	25.99	22.31
<b>Skivers, upper, female:</b>									
Illinois.....	5	56	5.4	48.9	44.4	90.8	.316	15.45	14.01
Kentucky.....	2	12	5.1	51.8	43.1	83.2	.227	11.76	9.77
Maine.....	8	19	5.9	51.9	45.9	88.4	.421	21.85	19.33
Maryland and Virginia.....	5	13	5.7	48.8	48.1	98.6	.269	13.13	12.93
Massachusetts.....	38	145	5.6	47.9	42.3	88.3	.465	22.27	19.66
Michigan.....	3	7	4.6	49.3	33.0	66.9	.267	13.16	8.81
Minnesota.....	3	11	5.6	50.0	47.7	95.4	.273	13.65	13.09
Missouri.....	9	66	5.2	49.4	42.6	86.2	.320	15.81	13.63
New Hampshire.....	7	37	5.0	48.5	34.9	72.0	.299	14.50	10.43
New Jersey.....	3	7	4.1	45.2	23.1	51.1	.532	24.05	12.32
New York.....	17	98	4.9	48.3	36.2	74.9	.390	18.84	14.09
Ohio.....	7	63	4.7	47.8	36.5	76.4	.297	14.20	10.82
Pennsylvania.....	9	41	5.0	51.2	41.2	80.5	.276	14.13	11.37
Tennessee.....	4	22	5.0	50.5	38.3	75.8	.206	10.40	7.89
Wisconsin.....	9	75	5.5	49.4	35.1	71.1	.335	16.55	11.76
Total.....	129	672	5.2	48.9	39.7	81.2	.354	17.31	14.06
<b>Cutters, linings, hand, male:</b>									
Illinois.....	4	27	5.8	49.4	49.4	100.0	.364	17.98	17.94
Kentucky.....	2	4	5.5	56.5	52.5	92.9	.297	16.78	15.61
Maine.....	5	14	5.8	52.9	42.4	80.2	.444	23.49	18.82
Maryland and Virginia.....	3	16	5.9	48.6	52.8	108.6	.363	17.64	19.16
Massachusetts.....	41	166	5.3	48.4	40.4	83.5	.576	27.88	23.24
Michigan.....	2	3	5.7	50.0	48.3	96.6	.491	24.55	23.70
Minnesota.....	3	6	5.3	48.3	44.5	92.1	.393	18.98	17.46
Missouri.....	5	20	4.6	48.1	36.3	75.5	.580	27.90	21.09
New Hampshire.....	4	21	5.3	48.3	34.5	71.4	.494	19.03	13.57
New Jersey.....	2	5	4.0	44.0	23.6	53.6	.757	33.31	17.87
New York.....	17	142	5.1	47.5	38.9	81.9	.543	25.79	21.13
Ohio.....	1	20	4.0	50.0	31.3	62.6	.464	23.20	14.51
Pennsylvania.....	5	13	4.9	51.8	41.6	80.3	.426	22.07	17.74
Tennessee.....	2	4	5.5	50.0	42.5	85.0	.475	23.75	20.17
Wisconsin.....	5	8	5.1	48.8	35.4	72.5	.443	21.62	15.68
Total.....	101	469	5.2	48.5	40.1	82.7	.514	24.93	20.63

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.

## CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Percent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Cutters, linings, hand, female:</b>									
Massachusetts.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	2	3	5.7	48.0	43.3	90.2	\$0.457	\$21.94	\$19.80
Wisconsin.....	2	12	5.3	50.0	26.8	53.6	.246	12.30	6.61
Total.....	5	16	5.4	49.5	31.3	63.2	.297	14.70	9.27
<b>Cutters, linings, machine, male:</b>									
Illinois.....	4	31	5.8	49.8	50.2	100.8	.365	18.18	18.32
Kentucky.....	2	7	4.4	52.6	36.9	70.2	.352	17.46	12.24
Maine.....	4	10	6.0	50.9	41.0	80.6	.441	22.45	18.05
Maryland and Virginia.....	3	7	5.1	50.4	42.7	84.7	.307	15.47	13.11
Massachusetts.....	14	67	5.4	48.1	41.7	86.7	.481	23.14	20.05
Michigan.....	3	3	5.0	49.2	36.2	73.6	.410	20.17	14.82
Minnesota.....	2	2	4.5	50.3	41.0	81.5	.364	18.31	14.91
Missouri.....	4	34	5.4	50.0	43.6	87.2	.346	17.30	15.09
New Hampshire.....	3	12	5.6	48.0	46.7	97.3	.402	19.30	18.77
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	6	67	4.9	49.0	36.7	74.9	.492	24.11	18.08
Ohio.....	6	25	5.1	46.7	37.9	81.2	.424	19.80	16.07
Pennsylvania.....	7	25	4.9	53.3	44.0	82.6	.362	19.29	15.94
Tennessee.....	4	14	4.6	48.9	34.2	69.9	.289	14.13	9.89
Wisconsin.....	8	16	5.6	49.6	40.9	82.5	.526	26.09	21.52
Total.....	71	322	5.2	49.3	41.3	83.8	.423	20.85	17.45
<b>Cutters, linings, machine, female:</b>									
Illinois.....	2	8	5.4	50.0	44.6	89.2	.367	18.35	16.38
Kentucky.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	1	4	5.8	50.0	47.8	95.6	.251	12.55	12.00
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Tennessee.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	6	16	5.4	49.9	44.3	88.8	.327	16.32	14.48

## SOLE-LEATHER DEPARTMENT

<b>Cutters, outsole, male:</b>									
Illinois.....	2	8	4.4	48.9	37.3	76.3	\$0.561	\$27.43	\$20.94
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts.....	17	65	5.7	48.2	45.8	95.0	.677	32.63	30.99
Michigan.....	3	5	4.6	50.0	40.8	81.6	.560	28.00	22.84
Minnesota.....	3	3	5.3	50.2	43.5	86.7	.372	18.67	16.18
Missouri.....	2	50	3.7	48.0	31.7	66.0	.797	38.26	25.28
New Hampshire.....	3	12	4.1	48.0	35.7	74.4	.622	29.86	22.21
New York.....	3	23	4.0	47.9	24.4	50.9	.780	37.36	19.08
Ohio.....	2	8	5.1	50.0	44.5	89.0	.588	29.40	26.18
Pennsylvania.....	8	33	5.6	50.8	30.0	59.1	.536	27.23	16.04
Wisconsin.....	2	8	5.0	48.9	23.8	48.7	.665	32.52	15.78
Total.....	47	218	4.8	48.8	36.2	74.2	.668	32.60	24.17
<b>Cutters, insole, male:</b>									
Illinois.....	3	14	4.9	48.2	38.9	80.7	.703	33.88	27.30
Maine.....	2	2	5.0	54.0	37.8	70.0	.510	27.54	19.25
Maryland and Virginia.....	2	2	5.0	50.5	42.3	83.8	.314	15.86	13.28
Massachusetts.....	19	64	5.5	48.4	43.1	89.0	.571	27.64	24.60
Michigan.....	1	3	4.7	50.0	41.1	82.2	.571	28.55	23.48
Minnesota.....	1	3	5.0	52.5	47.5	90.5	.332	17.43	15.79
Missouri.....	1	97	4.1	48.0	36.0	75.0	.672	32.26	24.16
New Hampshire.....	1	17	3.1	48.0	27.3	56.9	.635	30.48	17.34
New York.....	3	9	5.0	48.7	32.6	66.9	.535	26.05	17.44
Ohio.....	2	12	5.7	50.0	46.5	93.0	.310	15.50	14.42
Pennsylvania.....	10	66	5.8	50.8	27.9	54.9	.459	23.32	12.78
Wisconsin.....	1	4	6.0	55.0	52.5	95.5	.400	22.00	21.00
Total.....	46	293	4.9	49.0	36.1	73.7	.571	27.98	20.60

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## SOLE-LEATHER DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Rounders, outsole and insole, male:</b>									
Illinois.....	5	13	5.2	49.4	44.0	89.1	\$0.392	\$19.36	\$17.24
Kentucky.....	3	6	5.7	54.3	49.5	91.2	.275	14.93	13.63
Maine.....	7	9	6.0	52.7	49.2	93.4	.453	23.87	22.27
Maryland and Virginia.....	3	5	4.8	49.0	36.1	73.7	.461	22.59	16.66
Massachusetts.....	28	36	5.5	48.6	41.6	85.6	.569	27.65	23.63
Michigan.....	3	3	4.7	50.0	40.5	81.0	.500	25.00	20.25
Minnesota.....	3	3	5.7	50.2	49.8	99.2	.366	18.37	18.23
Missouri.....	6	14	5.0	49.4	41.3	83.6	.509	25.14	21.02
New Hampshire.....	5	6	5.7	48.3	43.1	89.2	.549	26.52	23.67
New Jersey.....	2	2	5.0	48.3	34.5	71.4	.493	23.81	17.00
New York.....	17	33	5.3	47.5	39.8	83.8	.626	29.74	24.87
Ohio.....	4	8	5.3	49.9	42.0	84.2	.651	32.48	27.34
Pennsylvania.....	7	15	4.6	52.2	39.0	74.7	.379	19.78	14.77
Tennessee.....	3	6	4.8	50.0	36.5	73.0	.454	22.70	16.58
Wisconsin.....	6	12	5.2	49.9	36.9	73.9	.464	23.15	17.10
Total.....	102	171	5.3	49.5	41.3	83.4	.509	25.20	21.01
<b>Chanelers, outsole and insole, male:</b>									
Illinois.....	5	13	5.5	49.1	45.4	92.5	.486	23.86	22.07
Kentucky.....	2	4	5.3	51.5	43.7	84.9	.353	18.18	15.41
Maine.....	5	7	5.9	52.4	50.3	96.0	.398	20.86	20.00
Maryland and Virginia.....	3	3	5.7	48.8	46.6	95.5	.527	25.72	24.57
Massachusetts.....	25	38	5.7	48.4	40.6	83.9	.643	31.12	26.14
Michigan.....	4	4	5.3	49.4	40.3	81.6	.484	23.91	19.48
Minnesota.....	2	3	5.7	49.5	47.7	96.4	.452	22.37	21.56
Missouri.....	6	11	4.9	49.8	39.9	80.1	.523	26.29	21.09
New Hampshire.....	5	8	5.5	48.0	42.9	89.4	.527	25.30	22.62
New Jersey.....	2	3	5.0	46.8	35.8	76.5	.703	32.90	25.18
New York.....	14	30	5.0	48.5	34.6	71.3	.613	29.73	21.19
Ohio.....	4	8	5.0	49.9	37.6	75.4	.617	30.79	23.16
Pennsylvania.....	9	17	4.9	50.9	40.6	79.8	.499	25.40	20.27
Tennessee.....	4	6	5.0	50.0	39.3	78.6	.447	22.35	17.56
Wisconsin.....	5	9	4.9	50.2	29.4	58.6	.499	25.05	14.69
Total.....	95	164	5.3	49.3	39.8	80.7	.550	27.12	21.89
<b>Cutters, top and heel lifts, machine, male:</b>									
Illinois.....	3	14	4.9	48.5	40.6	83.7	.514	24.93	20.90
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	6	14	6.0	48.1	48.1	100.0	.536	25.78	25.78
Michigan.....	2	4	4.3	50.0	35.6	71.2	.390	19.50	13.89
Minnesota.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	2	114	3.4	48.0	28.3	59.0	.498	23.90	14.10
New Hampshire.....	1	12	3.8	48.0	32.8	68.3	.533	25.58	17.48
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	4	4	5.0	49.0	38.5	78.6	.576	28.22	22.15
Ohio.....	2	6	5.0	50.0	42.5	85.0	.374	18.70	15.87
Pennsylvania.....	5	10	4.1	53.4	34.6	64.8	.396	21.15	13.69
Wisconsin.....	1	7	5.0	48.0	20.4	42.5	.578	27.74	11.76
Total.....	30	189	4.0	48.5	32.3	66.6	.494	23.96	15.97
<b>Heel builders, hand, male:</b>									
Massachusetts.....	2	4	5.8	48.0	46.8	97.5	.343	16.46	16.07
Pennsylvania.....	2	3	5.0	52.7	34.0	64.5	.305	16.07	10.37
Wisconsin.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	5	8	5.4	50.6	42.4	83.8	.321	16.24	13.61
<b>Heel builders, hand, female:</b>									
Illinois.....	1	4	5.0	49.5	45.0	90.9	.326	16.14	14.66
Massachusetts.....	4	7	5.4	48.0	40.1	83.5	.395	18.96	15.87
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wisconsin.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	7	14	5.1	49.3	39.5	80.1	.348	17.16	13.73

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## SOLE-LEATHER DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Heel builders, machine (including compressors), male:</b>									
Illinois.....	2	2	5.0	48.8	41.8	85.7	\$0.366	\$17.86	\$15.29
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts.....	4	4	5.5	48.0	44.3	92.3	.448	21.50	19.81
Michigan.....	2	5	4.4	50.0	38.7	77.4	.511	25.55	19.80
Minnesota.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	2	38	3.4	48.0	29.1	60.6	.523	25.10	15.23
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Ohio.....	1	4	5.0	50.0	36.8	73.6	.477	23.85	17.56
Pennsylvania.....	4	12	4.0	52.4	33.4	63.7	.347	18.18	11.60
Wisconsin.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	19	69	3.9	49.2	33.0	67.1	.469	23.07	15.51
<b>Heel builders, machine (including compressors), female:</b>									
Illinois.....	3	7	5.0	48.4	41.8	86.4	.340	16.46	14.22
Massachusetts.....	3	13	5.3	48.0	38.4	80.0	.377	18.10	14.46
Minnesota.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	2	17	3.4	48.0	29.1	60.6	.432	20.74	12.54
New Hampshire.....	1	9	4.0	48.0	35.0	72.9	.301	14.45	10.52
New York.....	1	17	3.9	48.0	27.3	56.9	.527	25.30	14.39
Ohio.....	2	5	4.2	50.0	31.2	62.4	.355	17.75	11.08
Pennsylvania.....	1	5	4.2	54.0	37.0	68.5	.300	16.20	11.10
Wisconsin.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	15	75	4.2	48.6	33.0	67.9	.393	19.10	12.96

## FITTING AND STITCHING DEPARTMENT

<b>Stampers, linings or uppers (including markers), male:</b>									
Illinois.....	1	3	5.7	50.0	42.9	85.8	\$0.184	\$9.20	\$7.91
Maryland and Virginia.....	2	3	6.0	50.5	49.8	98.6	.173	8.74	8.63
Massachusetts.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Michigan.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin.....	1	4	5.0	55.0	49.3	89.6	.263	14.47	12.93
Total.....	8	17	5.6	50.2	46.2	92.0	.287	14.41	13.23
<b>Stampers, linings or uppers (including markers), female:</b>									
Illinois.....	5	46	5.5	49.3	47.7	96.8	.281	13.85	13.39
Kentucky.....	3	13	5.5	52.5	47.0	89.5	.210	11.03	9.88
Maine.....	8	40	5.8	53.1	43.8	82.5	.293	15.56	12.82
Maryland and Virginia.....	4	14	5.3	48.7	47.7	97.9	.216	10.52	10.30
Massachusetts.....	48	199	5.5	47.9	41.7	87.1	.343	16.43	14.30
Michigan.....	3	4	5.0	48.8	30.5	62.5	.315	15.37	9.60
Minnesota.....	4	9	5.2	49.2	39.9	81.1	.270	13.28	10.79
Missouri.....	9	72	5.1	48.9	42.6	87.1	.311	15.21	13.24
New Hampshire.....	7	33	5.3	48.2	38.3	79.5	.285	12.77	10.15
New Jersey.....	2	4	4.0	44.0	18.8	42.7	.488	21.47	9.16
New York.....	18	115	5.2	47.8	39.2	82.0	.339	16.20	13.29
Ohio.....	7	53	5.0	48.4	40.1	82.9	.343	16.60	13.75
Pennsylvania.....	9	41	5.1	49.7	39.0	78.5	.240	11.93	9.37
Tennessee.....	4	14	5.0	49.3	37.5	76.1	.308	15.18	11.52
Wisconsin.....	9	46	5.3	48.9	36.8	75.3	.322	15.75	11.84
Total.....	140	703	5.3	48.7	41.0	84.2	.314	15.29	12.88

† For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Cementers and doublers, hand and machine (including re-inforcers, pasters, and fitters), male:</b>									
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maryland and Virginia.....	1	4	4.8	50.5	38.8	76.8	\$0.114	\$5.76	\$4.45
Massachusetts.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New Hampshire.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	3	17	5.8	44.2	48.7	110.2	.476	21.04	23.19
Total.....	8	26	5.6	46.0	45.9	99.8	.440	20.24	20.20
<b>Cementers and doublers, hand and machine (including re-inforcers, pasters, and fitters), female:</b>									
Illinois.....	5	138	5.4	49.6	47.9	96.6	.179	8.88	8.59
Kentucky.....	3	35	5.4	53.8	48.0	89.2	.178	9.58	8.56
Maine.....	7	69	5.8	52.7	45.5	86.3	.261	13.75	11.91
Maryland and Virginia.....	5	46	5.7	48.6	50.0	102.9	.148	7.19	7.38
Massachusetts.....	48	384	5.5	47.9	40.9	85.4	.287	13.75	11.73
Michigan.....	2	5	5.8	49.5	41.3	83.4	.265	13.12	10.95
Minnesota.....	4	11	5.1	49.5	42.6	86.1	.242	11.98	10.32
Missouri.....	9	190	5.3	49.5	42.8	86.5	.231	11.43	9.88
New Hampshire.....	7	52	5.2	48.3	39.9	82.6	.230	11.11	9.19
New Jersey.....	3	21	4.6	44.8	25.6	57.1	.358	16.04	9.18
New York.....	19	373	5.1	48.2	39.2	81.3	.269	12.97	10.54
Ohio.....	7	100	5.1	47.8	40.5	84.7	.255	12.19	10.32
Pennsylvania.....	9	118	5.3	50.5	44.2	87.5	.209	10.55	9.24
Tennessee.....	4	33	5.1	48.2	36.8	76.3	.206	9.93	7.59
Wisconsin.....	8	63	5.6	49.5	34.8	70.3	.288	14.26	10.02
Total.....	140	1,638	5.3	48.9	41.6	85.1	.247	12.08	10.26
<b>Folders, hand and machine, male:</b>									
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	4	70	5.9	44.0	48.8	110.9	.690	30.76	34.14
Total.....	7	74	5.9	44.3	49.0	110.6	.683	30.26	33.42
<b>Folders, hand and machine, female:</b>									
Illinois.....	5	87	5.7	49.4	52.0	105.3	.262	12.94	13.64
Kentucky.....	3	15	4.9	53.1	42.9	80.8	.196	10.41	8.38
Maine.....	8	57	5.6	53.5	46.0	86.0	.288	15.41	13.25
Maryland and Virginia.....	5	30	5.6	49.2	46.2	93.9	.215	10.58	9.96
Massachusetts.....	47	334	5.5	48.0	40.3	84.0	.374	17.95	15.07
Michigan.....	3	5	5.2	49.0	37.5	76.5	.291	14.26	10.89
Minnesota.....	3	10	5.6	49.7	45.1	90.7	.266	13.22	11.98
Missouri.....	9	124	5.3	48.8	42.8	87.7	.297	14.49	12.71
New Hampshire.....	7	27	5.0	48.3	35.1	72.7	.273	13.43	9.76
New Jersey.....	2	4	3.8	44.0	20.4	46.4	.405	17.82	8.25
New York.....	18	234	5.1	48.2	39.0	80.9	.332	16.00	12.95
Ohio.....	7	82	5.3	47.9	41.5	86.6	.266	12.74	11.04
Pennsylvania.....	9	54	4.9	50.3	39.1	77.7	.214	10.76	8.37
Tennessee.....	4	16	4.8	50.6	37.8	74.7	.179	9.06	6.76
Wisconsin.....	8	56	5.1	48.7	36.4	74.7	.349	17.00	12.70
Total.....	138	1,135	5.3	48.8	41.3	84.6	.313	15.27	12.91
<b>Perforators, male:</b>									
Kentucky.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maryland and Virginia.....	3	5	5.2	48.9	46.1	94.3	.263	12.86	12.13
Massachusetts.....	20	35	5.5	48.6	43.2	89.1	.510	24.79	22.08
Missouri.....	2	6	5.5	49.7	46.3	93.2	.316	15.71	14.63

For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Perforators, male—Continued.</b>									
New York.....	11	42	5.2	47.6	40.4	84.9	\$0.508	\$24.18	\$20.51
Ohio.....	1	3	5.7	49.5	48.0	97.0	.447	22.13	21.46
Pennsylvania.....	2	2	6.0	51.0	43.0	84.3	.357	18.21	15.35
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wisconsin.....	1	3	6.0	50.0	50.8	101.6	.389	19.45	19.78
Total.....	43	100	5.4	48.5	42.9	88.5	.469	22.75	20.11
<b>Perforators, female:</b>									
Illinois.....	3	15	5.3	49.3	42.8	86.8	.288	14.20	12.32
Kentucky.....	2	4	6.0	52.5	52.8	100.6	.185	9.71	9.79
Maine.....	6	11	5.9	52.5	43.7	83.2	.337	17.69	14.72
Maryland and Virginia.....	5	14	5.5	49.3	45.5	92.3	.281	13.85	12.77
Massachusetts.....	34	95	5.5	47.9	41.6	86.8	.406	19.45	16.88
Michigan.....	3	4	5.0	49.4	33.7	68.2	.333	16.45	11.24
Minnesota.....	2	3	6.0	49.3	53.9	109.3	.263	12.97	14.20
Missouri.....	9	27	5.0	49.2	41.0	83.3	.302	14.86	12.38
New Hampshire.....	7	30	5.3	48.4	39.5	81.6	.304	14.71	12.02
New Jersey.....	2	3	5.3	46.8	36.1	77.1	.402	18.81	14.51
New York.....	16	66	5.2	48.5	39.7	81.9	.369	17.90	14.64
Ohio.....	7	30	4.8	48.3	39.1	81.0	.344	16.62	13.43
Pennsylvania.....	7	19	5.4	52.0	43.7	84.0	.271	14.09	11.85
Tennessee.....	3	8	4.9	50.0	38.6	77.2	.217	10.85	8.40
Wisconsin.....	6	17	5.6	49.4	39.2	79.4	.333	16.45	13.05
Total.....	112	346	5.3	48.9	41.1	84.0	.343	16.77	14.10
<b>Tip stitchers, male:</b>									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	2	2	6.0	49.0	49.0	100.0	.424	20.77	20.77
Michigan.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	5	5	5.6	49.2	43.9	89.2	.442	21.75	19.39
<b>Tip stitchers, female:</b>									
Illinois.....	2	17	5.8	48.0	46.4	96.7	.445	21.36	20.63
Maine.....	3	7	5.9	50.6	38.6	76.3	.400	20.24	15.45
Maryland and Virginia.....	4	15	5.7	49.6	49.4	99.6	.271	13.44	13.39
Massachusetts.....	15	50	5.7	48.0	39.6	82.5	.407	19.54	16.11
Michigan.....	4	7	5.0	49.6	39.2	79.0	.317	15.72	12.41
Minnesota.....	2	4	5.8	49.1	47.9	97.6	.276	13.55	13.23
Missouri.....	3	30	4.3	50.0	35.0	70.0	.269	13.45	9.42
New Hampshire.....	4	10	4.8	49.0	29.7	60.6	.249	12.20	7.40
New Jersey.....	2	7	4.7	44.0	24.2	55.0	.465	20.46	11.25
New York.....	7	32	4.4	48.3	35.1	72.7	.387	18.69	13.59
Ohio.....	3	11	5.0	46.4	36.7	79.1	.302	14.01	11.08
Pennsylvania.....	4	14	4.9	49.3	39.1	79.3	.279	13.75	10.91
Tennessee.....	3	12	4.8	47.5	32.3	68.0	.365	17.34	11.79
Wisconsin.....	6	29	5.2	49.2	29.8	60.6	.397	19.53	11.82
Total.....	62	245	5.1	48.6	37.1	78.3	.356	17.30	13.20
<b>Closers or seamers, male:</b>									
Maryland and Virginia.....	2	2	6.0	49.3	50.5	102.4	.310	15.28	15.67
Massachusetts.....	4	6	5.8	48.0	37.7	78.5	.470	22.56	17.73
New York.....	3	5	6.0	44.0	31.4	71.4	.748	32.91	23.48
Total.....	9	13	5.9	46.7	37.2	79.7	.527	24.61	19.62
<b>Closers or seamers, female:</b>									
Illinois.....	5	27	5.6	49.0	48.9	99.8	.310	15.19	15.17
Kentucky.....	2	4	5.5	51.5	48.0	93.2	.209	10.76	10.04
Maine.....	8	15	5.9	52.4	44.4	84.7	.348	18.24	15.47
Maryland and Virginia.....	5	12	5.8	48.7	49.5	101.6	.240	11.69	11.89
Massachusetts.....	44	88	5.6	47.8	41.0	85.8	.364	17.40	14.96
Michigan.....	4	5	5.0	49.0	33.1	67.6	.350	17.15	11.57
Minnesota.....	4	6	5.8	49.4	47.4	96.0	.311	15.36	14.75

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Closers or seamers, female—Con.</b>									
Missouri.....	9	22	5.5	49.4	44.9	90.9	\$0.285	\$14.08	\$12.79
New Hampshire.....	4	9	5.1	48.7	36.2	74.3	.341	16.61	12.32
New Jersey.....	3	4	4.8	48.3	28.6	59.2	.494	23.86	14.13
New York.....	14	53	4.8	48.3	36.6	75.8	.369	17.82	13.50
Ohio.....	7	30	5.3	47.5	41.7	87.8	.308	14.63	12.85
Pennsylvania.....	9	24	5.1	50.8	40.2	79.1	.261	13.26	10.47
Tennessee.....	2	3	5.0	48.3	36.7	76.0	.315	15.21	11.54
Wisconsin.....	9	19	5.3	49.2	34.6	70.3	.359	17.66	12.44
Total.....	129	321	5.3	48.8	41.1	84.2	.331	16.15	13.58
<b>Seam rubbers, hand and machine, male:</b>									
Massachusetts.....	6	8	5.9	48.0	43.6	90.8	.357	17.14	15.56
New York.....	3	3	5.3	45.3	33.3	73.5	.526	23.83	17.53
Pennsylvania.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	10	12	5.8	47.9	41.7	87.1	.370	17.72	15.45
<b>Seam rubbers, hand and machine, female:</b>									
Illinois.....	4	16	5.8	49.5	52.3	105.7	.243	12.03	12.72
Kentucky.....	3	6	5.5	54.3	49.8	91.7	.158	8.58	7.86
Maine.....	4	6	5.7	53.3	45.2	84.8	.243	12.95	10.96
Maryland and Virginia.....	2	4	5.5	48.6	45.0	92.6	.178	8.65	8.02
Massachusetts.....	18	25	5.6	48.0	40.8	85.0	.330	15.84	13.44
Michigan.....	2	2	5.0	50.0	32.8	65.6	.380	19.00	12.44
Missouri.....	6	22	5.2	49.4	42.5	86.0	.253	12.50	10.76
New Hampshire.....	2	2	6.0	48.0	48.0	100.0	.445	21.35	21.35
New Jersey.....	2	2	5.5	48.3	35.3	73.1	.265	12.80	9.35
New York.....	16	28	5.4	48.0	40.6	84.6	.322	15.46	13.09
Ohio.....	7	27	5.5	47.3	43.6	92.2	.295	13.95	12.88
Pennsylvania.....	4	5	5.0	50.0	40.8	81.6	.176	8.80	7.18
Tennessee.....	2	3	4.3	48.3	28.2	58.4	.311	15.02	8.76
Wisconsin.....	6	15	5.5	48.8	32.5	66.6	.343	16.74	11.15
Total.....	78	163	5.5	48.8	42.1	86.3	.284	13.86	11.97
<b>Lining makers (including lining closers, and side and top facing stitchers), male:</b>									
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	4	9	5.9	44.0	39.3	89.3	.580	25.52	22.81
Wisconsin.....	1	8	5.9	50.0	44.8	89.6	.321	16.05	14.36
Total.....	7	20	5.9	47.3	43.1	91.1	.436	20.62	18.76
<b>Lining makers (including lining closers, and side and top facing stitchers), female:</b>									
Illinois.....	5	65	5.5	48.9	45.1	92.2	.295	14.43	13.32
Kentucky.....	3	13	4.9	52.7	41.3	78.4	.223	11.75	9.19
Maine.....	8	42	5.7	53.0	42.4	80.0	.287	15.21	12.15
Maryland and Virginia.....	5	28	5.5	49.3	45.2	91.7	.237	11.68	10.69
Massachusetts.....	49	288	5.7	47.9	41.1	85.8	.355	17.00	14.58
Michigan.....	4	9	5.1	49.4	39.0	78.9	.264	13.04	10.30
Minnesota.....	3	10	5.7	49.5	47.1	95.2	.258	12.77	12.16
Missouri.....	9	124	4.8	49.6	38.6	77.8	.280	12.90	10.04
New Hampshire.....	7	49	4.6	48.6	31.9	65.6	.275	13.37	8.78
New Jersey.....	3	8	4.8	47.2	27.3	57.8	.400	18.88	10.90
New York.....	19	170	4.9	48.4	34.4	71.1	.345	16.70	11.85
Ohio.....	7	58	5.2	47.7	40.7	85.3	.288	13.74	11.70
Pennsylvania.....	9	77	5.1	50.5	40.0	79.2	.245	12.37	9.81
Tennessee.....	4	23	4.7	48.7	33.1	68.0	.284	13.83	9.39
Wisconsin.....	8	40	5.5	49.1	36.0	73.3	.361	17.73	12.99
Total.....	143	1,004	5.2	48.9	39.1	80.0	.310	15.16	12.11

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Closers-on, female:</b>									
Maine.....	2	2	6.0	52.0	50.5	97.1	\$0.296	\$15.39	\$14.96
Massachusetts.....	2	2	6.0	46.0	38.8	84.3	.337	15.50	13.04
New Hampshire.....	3	4	5.0	48.5	35.3	72.8	.293	14.21	10.32
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Pennsylvania.....	2	3	5.7	51.0	46.5	91.2	.339	17.29	15.75
Total.....	10	13	5.5	49.8	41.0	82.3	.340	16.93	13.94
<b>Top stitchers (including under-trimmers and barber trimmers), male:</b>									
Maine.....	2	2	6.0	52.0	52.0	100.0	.622	32.36	32.36
Maryland and Virginia.....	2	4	6.0	50.5	50.5	100.0	.435	21.97	21.97
Massachusetts.....	21	61	5.5	48.3	38.6	79.9	.640	30.91	24.71
Missouri.....	2	2	5.0	49.0	40.8	83.3	.368	18.03	15.01
New York.....	5	33	5.7	44.0	42.7	97.0	.657	28.91	28.01
Pennsylvania.....	2	13	5.8	48.0	45.6	95.0	.415	19.92	18.93
Total.....	34	115	5.6	47.2	41.3	87.5	.603	28.46	24.87
<b>Top stitchers (including under-trimmers and barber trimmers), female:</b>									
Illinois.....	5	96	5.6	49.3	50.4	102.2	.324	15.97	16.32
Kentucky.....	3	24	5.5	52.5	48.5	92.4	.231	12.13	11.22
Maine.....	8	70	5.6	53.1	44.7	84.2	.329	17.47	14.71
Maryland and Virginia.....	5	36	5.5	48.8	47.3	96.9	.219	10.69	10.34
Massachusetts.....	47	379	5.6	47.9	41.6	86.8	.382	18.30	15.87
Michigan.....	4	22	4.4	49.7	33.6	67.6	.327	16.25	11.00
Minnesota.....	3	14	5.0	50.1	41.8	83.4	.258	12.93	10.80
Missouri.....	9	188	4.8	49.4	38.5	77.9	.294	14.52	11.29
New Hampshire.....	7	90	4.5	48.5	33.0	68.0	.327	15.86	10.81
New Jersey.....	3	6	4.8	46.8	34.8	74.4	.464	21.72	16.15
New York.....	14	241	4.8	48.6	36.4	74.9	.373	18.13	13.57
Ohio.....	7	101	5.2	47.7	41.9	87.8	.305	14.55	12.76
Pennsylvania.....	9	78	5.5	50.9	44.9	88.2	.308	15.68	13.81
Tennessee.....	4	26	5.1	48.8	37.2	76.2	.261	12.74	9.69
Wisconsin.....	9	78	5.3	49.2	37.2	75.6	.378	18.60	14.08
Total.....	137	1,449	5.2	49.0	40.5	82.7	.338	16.56	13.68
<b>Binders (including top banders), male:</b>									
Massachusetts.....	8	15	5.8	48.1	44.9	93.3	.679	32.66	30.45
New York.....	5	13	5.8	44.0	42.0	95.5	.710	31.24	29.86
Pennsylvania.....	2	3	5.7	48.0	45.3	94.4	.464	22.27	21.01
Total.....	15	31	5.8	46.4	43.7	94.2	.670	31.09	29.29
<b>Binders (including top banders), female:</b>									
Illinois.....	4	34	5.8	49.9	55.6	111.4	.244	12.18	13.56
Kentucky.....	3	11	5.5	53.3	48.5	91.0	.233	12.42	11.32
Maine.....	4	28	5.9	54.0	48.5	89.8	.367	19.82	17.81
Maryland and Virginia.....	5	20	5.4	49.0	47.6	97.1	.251	12.30	11.94
Massachusetts.....	37	155	5.7	47.9	41.2	86.0	.411	19.69	16.95
Minnesota.....	3	4	5.5	49.0	41.9	85.5	.276	13.52	11.56
Missouri.....	7	56	5.3	49.2	43.5	88.4	.265	13.04	11.50
New Hampshire.....	3	11	5.1	48.4	37.8	78.1	.290	14.04	10.93
New Jersey.....	2	4	4.0	43.3	30.5	63.1	.552	26.66	16.85
New York.....	12	98	5.2	48.6	40.6	83.5	.481	23.38	19.54
Ohio.....	5	30	5.1	47.4	40.1	84.6	.245	11.61	9.84
Pennsylvania.....	7	30	5.7	50.2	47.4	94.4	.313	15.71	14.84
Tennessee.....	3	9	4.9	48.3	33.8	70.0	.293	14.15	9.91
Wisconsin.....	2	6	6.0	48.0	49.5	103.1	.397	19.06	19.64
Total.....	97	496	5.5	49.0	43.3	88.4	.358	17.54	15.50

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

**TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.**

**FITTING AND STITCHING DEPARTMENT—Continued**

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Buttonhole makers, female:</b>									
Kentucky	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine	2	3	6.0	52.7	52.0	98.7	\$0.329	\$17.34	\$17.09
Maryland and Virginia	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York	4	4	5.5	48.4	44.3	91.5	.400	19.36	17.74
Pennsylvania	2	2	5.0	50.3	41.9	83.3	.301	15.14	12.62
Total	11	12	5.6	50.2	45.5	90.6	.331	16.62	15.06
<b>Button fasteners, female:</b>									
Illinois	3	5	4.2	49.6	39.8	80.2	.193	9.57	7.67
Kentucky	2	3	5.7	51.0	48.3	94.7	.226	11.53	10.93
Maine	2	3	6.0	52.7	52.0	98.7	.301	15.86	15.68
Maryland and Virginia	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts	19	32	5.9	47.7	43.8	91.8	.332	15.84	14.57
Missouri	5	8	5.0	49.0	41.9	85.5	.272	13.33	11.39
New Hampshire	3	5	4.4	48.8	30.3	62.1	.364	17.76	11.02
New York	14	26	5.5	47.3	38.9	82.2	.418	19.77	16.27
Ohio	4	10	6.0	49.4	50.3	101.8	.283	14.47	14.73
Pennsylvania	5	9	5.4	50.5	44.0	87.1	.267	13.48	11.75
Tennessee	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total	60	105	5.5	48.5	42.7	88.0	.325	15.76	13.89
<b>Eyeleters (including hookers), male:</b>									
Illinois	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine	3	5	6.0	51.6	47.5	92.1	.432	22.29	20.50
Maryland and Virginia	3	4	6.0	49.3	50.3	102.0	.362	17.85	18.18
Massachusetts	12	21	5.5	48.1	39.9	83.0	.511	24.88	20.40
Michigan	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Minnesota	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New Hampshire	5	9	5.1	48.4	35.7	73.8	.278	13.46	9.93
New Jersey	2	2	4.0	44.0	15.5	35.2	.902	39.69	13.98
New York	7	16	4.6	47.4	35.0	73.8	.573	27.16	20.05
Pennsylvania	3	3	5.3	51.3	39.5	77.0	.336	17.24	13.25
Tennessee	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin	2	2	5.5	52.5	50.0	95.2	.408	21.42	20.41
Total	42	70	5.2	48.8	39.2	80.3	.451	22.01	17.69
<b>Eyeleters (including hookers), female:</b>									
Illinois	5	10	5.5	48.8	47.4	97.1	.348	16.98	16.49
Kentucky	3	4	5.3	54.0	47.6	88.1	.204	11.02	9.72
Maine	3	3	5.7	52.7	48.0	91.1	.217	11.44	10.45
Maryland and Virginia	3	3	5.0	49.5	46.3	93.5	.304	15.05	14.08
Massachusetts	25	27	5.6	47.8	41.5	86.8	.356	17.02	14.78
Michigan	3	6	4.7	49.6	36.3	73.2	.312	15.48	11.29
Minnesota	2	3	6.0	48.7	50.0	102.7	.298	14.51	14.89
Missouri	6	17	4.9	49.8	41.0	82.3	.290	14.44	11.88
New Hampshire	3	4	3.5	48.5	24.8	51.1	.314	15.23	7.76
New Jersey	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York	11	13	6.0	48.5	36.4	75.1	.385	18.67	14.03
Ohio	6	10	4.5	47.5	35.5	74.7	.461	21.90	16.36
Pennsylvania	5	12	5.4	50.4	43.9	87.1	.294	14.82	12.91
Tennessee	3	6	4.8	48.3	34.0	70.4	.261	12.61	8.88
Wisconsin	8	14	5.3	49.3	33.5	68.0	.373	18.39	12.48
Total	87	133	5.2	49.1	39.9	81.3	.333	16.35	13.30
<b>Vampers, male:</b>									
Illinois	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Kentucky	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine	4	7	6.0	51.7	51.1	98.8	.505	26.11	25.79
Maryland and Virginia	4	13	5.9	49.3	51.1	103.7	.380	18.73	19.42
Massachusetts	36	179	5.7	48.2	42.0	87.1	.601	28.97	26.20
Minnesota	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Vampers, male—Continued.</b>									
Missouri.....	3	9	5.0	48.7	41.5	85.2	\$0.373	\$18.17	\$15.48
New Hampshire.....	4	9	5.1	48.0	39.4	82.1	.392	18.82	15.47
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	7	35	4.8	46.3	39.4	85.1	.649	30.05	25.55
Pennsylvania.....	2	13	5.4	48.0	43.4	90.4	.542	26.02	23.53
Wisconsin.....	3	12	5.2	49.3	31.8	64.5	.456	22.48	14.47
Total.....	67	283	5.5	48.2	41.6	86.3	.569	27.43	23.68
<b>Vampers, female:</b>									
Illinois.....	5	97	5.7	49.1	49.3	100.4	.313	15.37	15.42
Kentucky.....	3	22	5.5	53.0	48.1	90.8	.236	12.51	11.32
Maine.....	8	39	5.6	51.8	41.4	79.9	.444	23.00	18.39
Maryland and Virginia.....	5	24	5.5	48.6	46.3	95.3	.264	12.83	12.22
Massachusetts.....	40	179	5.4	47.9	39.7	82.9	.447	21.41	17.77
Michigan.....	4	20	5.0	49.6	35.3	71.2	.329	16.32	11.61
Minnesota.....	4	13	5.4	49.2	43.4	88.2	.339	16.68	14.72
Missouri.....	9	124	4.8	49.7	37.9	76.3	.326	16.20	12.37
New Hampshire.....	7	72	5.1	48.5	37.6	77.5	.345	16.73	12.96
New Jersey.....	3	13	4.9	47.3	31.1	65.8	.488	23.08	15.17
New York.....	15	201	4.8	48.7	35.2	72.3	.376	18.31	13.23
Ohio.....	7	91	4.8	47.3	38.0	80.3	.328	15.51	12.47
Pennsylvania.....	8	78	5.2	51.0	44.4	87.1	.269	13.72	11.97
Tennessee.....	4	36	4.8	47.9	33.1	69.1	.270	12.93	8.92
Wisconsin.....	9	88	5.3	49.3	34.4	69.8	.393	19.37	13.51
Total.....	131	1,097	5.1	49.0	39.2	80.0	.355	17.40	13.91
<b>Barrers, female:</b>									
Illinois.....	3	6	5.7	48.3	47.7	98.8	.362	17.48	17.27
Kentucky.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Maine.....	4	10	5.9	52.8	50.9	96.4	.282	14.89	14.38
Maryland and Virginia.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Massachusetts.....	14	17	5.8	47.8	41.4	86.6	.407	19.45	16.87
Missouri.....	3	6	5.3	49.7	38.6	77.7	.221	10.98	8.52
New Hampshire.....	6	6	4.7	48.7	32.8	67.4	.276	13.44	9.06
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	3	6	4.0	48.6	33.4	68.7	.448	21.77	14.94
Ohio.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Pennsylvania.....	5	9	4.6	50.5	37.7	74.7	.280	14.14	10.56
Tennessee.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Wisconsin.....	3	6	5.0	49.0	26.4	53.9	.377	18.47	9.96
Total.....	46	75	5.2	49.4	40.1	81.2	.326	16.10	13.06
<b>Tongue stitchers, female:</b>									
Illinois.....	3	18	5.8	48.6	45.1	92.8	.357	17.35	16.11
Kentucky.....	2	6	5.3	55.3	48.5	87.8	.231	12.77	11.21
Maine.....	2	7	6.0	50.0	42.4	84.8	.208	10.40	8.80
Maryland and Virginia.....	3	4	5.8	49.3	48.1	97.6	.290	14.30	13.97
Massachusetts.....	19	43	5.4	47.8	41.0	85.8	.339	16.20	13.91
Michigan.....	4	10	4.5	49.3	28.3	57.4	.327	16.12	9.26
Minnesota.....	2	2	5.5	50.3	47.8	95.0	.335	16.85	16.00
Missouri.....	4	33	4.4	49.9	34.7	69.5	.249	12.43	8.62
New Hampshire.....	5	16	5.0	48.3	37.4	77.4	.221	10.67	8.27
New Jersey.....	2	3	5.3	46.8	28.7	61.3	.406	19.00	11.65
New York.....	10	38	4.9	48.4	39.2	81.0	.329	15.92	12.89
Ohio.....	5	13	5.2	47.7	40.2	84.3	.283	13.50	11.40
Pennsylvania.....	6	12	5.3	51.2	41.0	80.1	.281	14.39	11.54
Tennessee.....	4	18	4.8	48.9	34.9	71.4	.209	10.22	7.29
Wisconsin.....	6	24	5.0	49.5	32.5	65.7	.325	16.09	10.57
Total.....	77	247	5.1	49.0	38.4	78.4	.297	14.55	11.38
<b>Fancy stitchers, male:</b>									
Kentucky.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Maine.....	2	5	6.0	54.0	53.6	99.3	.654	29.92	29.68
Maryland and Virginia.....	3	16	5.7	50.4	46.6	92.5	.386	19.45	17.96
Massachusetts.....	17	76	5.5	48.2	40.7	84.4	.534	25.74	21.75
Michigan.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New Hampshire.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	8	74	5.6	44.2	42.9	97.1	.715	31.60	30.66
Pennsylvania.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Total.....	34	176	5.6	46.9	42.7	91.0	.592	27.76	25.30

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Fancy stitchers, female:</b>									
Illinois.....	5	293	5.5	49.6	48.7	98.2	\$0.245	\$12.15	\$11.93
Kentucky.....	3	53	5.3	52.0	45.8	88.1	.242	12.58	11.08
Maine.....	8	176	5.7	53.5	47.4	88.6	.315	16.85	14.96
Maryland and Virginia.....	5	108	5.5	48.5	48.4	99.8	.192	9.31	9.31
Massachusetts.....	47	1,065	5.5	47.9	40.8	85.2	.347	16.02	14.16
Michigan.....	3	12	5.5	49.4	39.2	79.4	.299	14.77	11.74
Minnesota.....	4	25	5.0	49.9	48.6	97.4	.282	14.07	13.69
Missouri.....	9	392	4.9	49.2	39.9	81.1	.265	13.04	10.56
New Hampshire.....	7	141	4.8	48.4	36.8	76.0	.310	15.00	11.39
New Jersey.....	2	5	5.6	49.1	35.8	72.9	.696	29.26	21.90
New York.....	17	559	5.1	48.6	40.0	82.3	.321	15.84	13.02
Ohio.....	7	291	5.1	47.8	42.1	88.1	.275	13.15	11.66
Pennsylvania.....	9	140	5.2	51.3	44.4	86.5	.236	12.11	10.47
Tennessee.....	4	78	4.6	48.8	33.8	69.3	.204	9.96	6.90
Wisconsin.....	9	148	5.4	48.9	39.5	80.8	.361	17.65	14.26
<b>Total.....</b>	<b>139</b>	<b>3,486</b>	<b>5.3</b>	<b>48.9</b>	<b>41.8</b>	<b>85.5</b>	<b>.301</b>	<b>14.72</b>	<b>12.59</b>
<b>Backstay stitchers (including back strappers), female:</b>									
Illinois.....	3	14	5.8	48.3	45.2	93.6	.429	20.72	19.42
Kentucky.....	2	2	5.5	51.5	47.5	92.2	.178	9.17	8.47
Maine.....	4	8	5.4	51.5	37.5	72.8	.292	15.04	10.97
Maryland and Virginia.....	3	5	6.0	49.5	50.4	101.8	.274	13.56	13.78
Massachusetts.....	19	49	5.7	47.9	41.9	87.5	.372	17.82	15.67
Michigan.....	4	8	4.6	49.4	32.5	65.8	.320	15.81	10.40
Minnesota.....	3	6	5.2	50.6	45.9	90.7	.287	14.52	13.16
Missouri.....	3	20	5.4	50.0	43.8	87.6	.237	11.85	10.37
New Hampshire.....	6	17	4.5	48.4	32.0	66.1	.230	11.13	7.38
New Jersey.....	2	3	5.3	49.7	39.3	79.1	.555	17.64	13.96
New York.....	6	30	4.5	48.1	33.2	69.0	.377	18.13	12.53
Ohio.....	6	16	4.8	47.5	35.4	74.5	.304	14.44	10.75
Pennsylvania.....	9	6	4.9	51.7	39.7	76.8	.323	16.70	12.84
Tennessee.....	3	9	5.4	51.0	42.1	82.5	.221	11.27	9.32
Wisconsin.....	7	31	5.4	49.6	35.9	72.4	.326	16.17	11.69
<b>Total.....</b>	<b>77</b>	<b>223</b>	<b>5.2</b>	<b>49.0</b>	<b>38.8</b>	<b>79.2</b>	<b>.326</b>	<b>15.97</b>	<b>12.64</b>
<b>Table workers, male:</b>									
Massachusetts.....	4	5	5.8	48.0	41.5	86.5	.343	16.46	14.24
New Hampshire.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Tennessee.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
<b>Total.....</b>	<b>6</b>	<b>8</b>	<b>5.6</b>	<b>47.3</b>	<b>39.2</b>	<b>82.9</b>	<b>.324</b>	<b>15.33</b>	<b>12.70</b>
<b>Table workers, female:</b>									
Illinois.....	4	42	5.6	49.0	51.2	104.5	.248	12.15	12.72
Kentucky.....	3	11	5.8	52.4	51.1	97.5	.173	9.07	8.86
Maine.....	6	10	5.3	51.6	39.3	76.2	.268	13.83	10.52
Maryland and Virginia.....	5	27	5.1	50.2	42.9	85.5	.178	8.94	7.64
Massachusetts.....	45	436	5.3	47.7	39.0	81.8	.251	11.97	9.79
Michigan.....	2	10	5.4	50.0	46.5	93.0	.202	10.10	9.38
Minnesota.....	4	8	4.9	50.2	37.4	74.5	.249	12.50	9.32
Missouri.....	8	97	5.4	48.4	44.0	90.9	.249	12.05	10.95
New Hampshire.....	5	22	5.0	48.1	38.6	80.2	.267	12.84	10.29
New Jersey.....	2	7	5.7	50.1	44.4	88.6	.264	13.23	11.70
New York.....	13	119	5.2	47.4	40.3	85.0	.274	12.99	11.06
Ohio.....	7	72	5.6	48.8	45.0	92.2	.257	12.54	11.57
Pennsylvania.....	8	99	5.3	50.6	44.6	88.1	.207	10.47	9.24
Tennessee.....	3	5	5.2	52.0	44.1	84.8	.227	11.80	10.00
Wisconsin.....	8	42	5.6	48.8	40.8	83.6	.289	14.10	11.79
<b>Total.....</b>	<b>128</b>	<b>1,007</b>	<b>5.3</b>	<b>48.4</b>	<b>41.5</b>	<b>85.7</b>	<b>.248</b>	<b>12.00</b>	<b>10.29</b>

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FITTING AND STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Lacers (before lasting), male:</b>									
Illinois.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Massachusetts.....	4	5	5.4	48.0	38.1	79.4	\$0.341	\$16.37	\$12.98
Missouri.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New Hampshire.....	2	2	5.5	48.0	41.0	85.4	.423	20.30	17.33
Ohio.....	2	4	5.3	46.1	45.8	99.3	.382	17.61	17.46
Pennsylvania.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	13	17	5.5	48.0	43.1	89.8	.351	16.85	15.10
<b>Lacers (before lasting), female:</b>									
Illinois.....	4	6	5.8	49.0	49.5	101.0	.329	16.12	16.26
Kentucky.....	3	3	5.7	54.3	51.7	95.2	.152	8.25	7.88
Maine.....	5	8	5.3	53.0	44.4	83.8	.234	12.40	10.40
Maryland and Virginia.....	4	6	5.3	49.2	45.7	92.9	.259	12.74	11.83
Massachusetts.....	22	29	5.7	47.7	41.4	86.8	.332	15.84	13.76
Michigan.....	4	5	5.2	49.5	38.5	77.8	.237	11.73	9.11
Minnesota.....	4	4	5.0	49.6	40.0	80.6	.256	12.70	10.22
Missouri.....	6	12	4.6	49.8	37.7	75.7	.226	11.25	8.52
New Hampshire.....	6	8	4.9	48.5	37.6	77.5	.346	16.78	12.98
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	14	24	4.6	48.3	36.5	75.6	.312	15.07	11.39
Ohio.....	6	10	5.0	47.6	40.2	85.5	.304	14.29	12.25
Pennsylvania.....	7	10	4.9	51.1	39.3	76.9	.276	14.10	10.85
Tennessee.....	4	6	4.7	50.0	35.7	71.4	.219	10.95	7.84
Wisconsin.....	6	11	5.1	49.5	32.6	65.9	.331	16.38	10.80
Total.....	96	143	5.1	49.1	39.5	80.4	.291	14.29	11.52

## LASTING DEPARTMENT

<b>Last pickers or sorters (including last casers), male:</b>									
Illinois.....	5	12	5.5	49.0	46.2	94.3	\$0.369	\$18.08	\$17.03
Kentucky.....	3	6	5.7	54.3	51.7	95.2	.307	16.67	15.85
Maine.....	7	9	6.0	52.2	44.9	86.0	.463	24.17	20.80
Maryland and Virginia.....	5	9	5.3	49.1	41.9	85.3	.251	12.32	10.51
Massachusetts.....	31	58	4.7	48.4	43.4	89.7	.485	23.47	21.06
Michigan.....	3	6	4.7	49.6	34.1	68.8	.448	22.22	15.29
Minnesota.....	4	5	5.8	49.3	49.7	100.8	.270	13.31	13.44
Missouri.....	8	26	5.3	49.6	44.0	88.7	.381	18.90	16.76
New Hampshire.....	6	9	4.7	48.7	30.8	63.2	.334	16.27	10.30
New Jersey.....	2	3	5.0	46.8	35.8	76.5	.494	23.12	17.70
New York.....	15	50	5.3	47.0	42.5	90.4	.416	19.51	17.66
Ohio.....	7	19	5.2	48.1	42.3	87.9	.415	20.01	17.57
Pennsylvania.....	9	18	5.3	51.6	43.5	84.3	.284	14.65	12.37
Tennessee.....	4	7	4.7	50.7	36.9	72.8	.350	17.75	12.91
Wisconsin.....	8	11	5.6	50.2	41.0	81.7	.408	20.48	16.71
Total.....	117	248	5.4	49.0	42.6	86.9	.403	19.75	17.16
<b>Assemblers for pulling-over machine, male:</b>									
Illinois.....	4	39	5.9	48.8	46.0	94.3	.426	20.79	19.60
Kentucky.....	3	8	5.3	52.8	46.4	87.9	.325	17.16	15.06
Maine.....	8	22	5.8	52.8	39.3	74.4	.487	25.71	19.15
Maryland and Virginia.....	6	21	5.7	48.8	41.0	84.0	.326	15.91	13.38
Massachusetts.....	45	171	5.6	48.4	40.1	82.9	.551	28.67	22.11
Michigan.....	4	8	4.9	49.4	34.8	70.4	.474	23.42	16.43
Minnesota.....	3	6	5.7	49.8	44.8	90.0	.423	21.07	18.94
Missouri.....	9	71	4.9	49.4	38.2	77.3	.401	19.81	15.33
New Hampshire.....	7	15	5.0	48.5	34.1	70.3	.463	22.46	15.78
New Jersey.....	3	10	4.8	46.6	33.7	72.3	.490	22.83	16.49
New York.....	17	75	4.8	48.3	34.3	71.0	.554	26.76	18.97
Ohio.....	7	43	5.1	48.0	38.2	79.6	.405	19.44	15.49
Pennsylvania.....	9	35	4.7	52.4	33.3	63.5	.362	18.97	12.07
Tennessee.....	4	14	4.8	49.6	35.6	71.8	.322	15.97	11.49
Wisconsin.....	9	36	5.4	50.2	35.8	71.3	.472	23.69	16.87
Total.....	138	574	5.3	49.1	38.4	78.2	.471	23.13	18.09

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.

## LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Assemblers for pulling-over machine, female:</b>									
Illinois.....	1	8	5.5	50.0	48.9	97.8	\$0.192	\$9.60	\$9.41
Massachusetts.....	8	11	5.6	48.0	41.3	86.0	.469	22.51	19.38
New Hampshire.....	4	12	5.1	48.3	35.4	73.3	.354	17.10	12.53
New York.....	3	12	5.1	49.5	42.5	85.9	.324	16.04	13.76
Total.....	16	43	5.3	48.9	41.4	84.7	.339	16.58	14.05
<b>Pullers over, hand, male:</b>									
Illinois.....	1	(1)	(1)	(1)	(1)	.....	(1)	(1)	(1)
Massachusetts.....	3	9	5.6	49.3	42.8	86.8	.542	26.72	23.24
Michigan.....	1	(1)	(1)	(1)	(1)	.....	(1)	(1)	(1)
New Jersey.....	1	4	5.0	52.5	45.0	85.7	.453	25.36	21.74
New York.....	2	6	4.0	49.0	33.2	67.8	.711	34.84	23.62
Total.....	8	22	5.1	49.7	41.6	83.7	.570	28.33	23.71
<b>Pullers over, machine, male:</b>									
Illinois.....	5	39	5.8	49.1	48.6	99.0	.501	24.60	24.31
Kentucky.....	3	7	5.4	52.7	47.3	89.8	.435	22.92	20.58
Maine.....	8	23	6.0	52.8	46.2	87.5	.620	32.74	28.61
Maryland and Virginia.....	6	20	5.7	48.8	40.3	82.6	.398	19.42	16.04
Massachusetts.....	44	158	5.6	48.4	40.7	84.1	.671	32.48	27.29
Michigan.....	4	8	4.9	49.4	35.3	71.5	.527	26.08	18.61
Minnesota.....	4	7	5.6	49.6	43.4	87.5	.445	22.07	19.31
Missouri.....	9	78	4.9	49.4	38.8	78.5	.525	25.94	20.34
New Hampshire.....	7	30	5.1	48.3	36.4	75.4	.517	24.97	18.82
New Jersey.....	3	5	4.8	45.7	28.0	61.3	.754	34.46	21.08
New York.....	18	90	5.0	48.5	36.3	74.8	.631	30.60	22.91
Ohio.....	7	41	5.1	47.8	37.1	77.6	.586	28.01	21.76
Pennsylvania.....	9	39	5.1	52.2	39.7	76.1	.448	23.39	17.79
Tennessee.....	4	13	5.0	48.8	37.8	77.5	.477	23.28	18.01
Wisconsin.....	9	40	5.5	50.1	36.1	72.1	.560	28.06	20.20
Total.....	140	598	5.3	49.1	39.5	80.4	.576	28.28	22.77
<b>Side lasters, hand, male:</b>									
Illinois.....	1	4	5.0	48.0	43.5	90.6	.669	32.11	29.11
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	.....	(1)	(1)	(1)
Massachusetts.....	7	28	5.6	48.0	43.1	89.8	.654	31.39	28.19
Missouri.....	1	4	4.5	50.0	39.1	78.2	.349	17.45	13.64
New Jersey.....	2	6	5.0	49.7	42.1	84.7	.507	25.20	21.35
New York.....	4	59	4.8	44.2	33.3	75.3	.508	22.45	16.91
Wisconsin.....	1	(1)	(1)	(1)	(1)	.....	(1)	(1)	(1)
Total.....	17	105	5.0	46.1	36.9	80.0	.559	25.77	20.66
<b>Side lasters, machine, male:</b>									
Illinois.....	5	58	5.9	49.3	49.9	101.2	.424	20.90	21.15
Kentucky.....	3	11	5.5	52.9	49.1	92.8	.368	19.47	18.06
Maine.....	8	41	6.0	53.0	47.5	89.6	.517	27.40	24.54
Maryland and Virginia.....	6	27	5.6	49.1	41.1	83.7	.380	18.66	15.62
Massachusetts.....	36	203	5.7	46.2	41.7	90.3	.627	28.97	26.13
Michigan.....	4	10	4.7	49.8	37.4	75.1	.504	25.10	18.86
Minnesota.....	3	5	4.6	49.1	34.9	70.2	.417	20.72	14.57
Missouri.....	8	96	4.8	49.4	38.6	78.1	.516	25.49	19.92
New Hampshire.....	7	34	5.2	48.4	37.2	76.9	.442	21.39	16.44
New Jersey.....	2	4	4.8	44.0	27.8	63.2	.704	30.98	19.52
New York.....	15	115	4.7	48.8	34.7	71.1	.581	28.35	20.19
Ohio.....	7	56	5.2	47.9	40.5	84.6	.531	25.43	21.48
Pennsylvania.....	9	40	5.1	51.4	39.2	76.3	.417	21.43	16.36
Tennessee.....	4	16	5.1	48.8	38.0	77.9	.427	20.84	16.23
Wisconsin.....	7	41	5.6	50.0	37.8	75.6	.485	24.25	18.34
Total.....	124	757	5.3	48.6	40.4	83.1	.529	25.71	21.35

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Bed-machine operators, male:</b>									
Illinois.....	5	106	5.8	49.1	49.2	100.2	\$0.438	\$21.51	\$21.53
Kentucky.....	3	18	5.3	53.5	48.0	89.7	.344	18.40	16.52
Maine.....	8	58	5.8	52.4	44.9	85.7	.492	25.78	22.06
Maryland and Virginia.....	6	51	5.6	48.7	39.8	81.7	.370	18.02	14.72
Massachusetts.....	40	372	5.7	48.2	41.2	85.5	.596	28.73	24.56
Michigan.....	4	25	4.6	49.5	35.1	70.9	.448	22.18	15.71
Minnesota.....	3	13	5.6	50.0	45.2	90.4	.497	24.95	22.47
Missouri.....	8	144	4.9	49.5	40.0	80.8	.472	23.56	18.88
New Hampshire.....	7	74	5.1	48.4	37.8	78.1	.439	21.25	16.62
New Jersey.....	2	9	4.8	44.0	34.2	77.7	.784	32.30	25.10
New York.....	17	212	4.9	48.6	37.4	77.0	.567	27.56	21.22
Ohio.....	7	75	5.1	47.5	39.2	82.5	.523	24.84	20.49
Pennsylvania.....	9	66	4.9	52.3	39.7	75.9	.433	22.65	17.19
Tennessee.....	4	33	5.1	49.4	39.0	78.9	.401	19.81	15.64
Wisconsin.....	9	99	5.4	49.9	35.7	71.5	.526	26.25	18.79
<b>Total.....</b>	<b>132</b>	<b>1,355</b>	<b>5.3</b>	<b>49.1</b>	<b>40.4</b>	<b>82.3</b>	<b>.515</b>	<b>25.29</b>	<b>20.78</b>
<b>Hand-method lasting-machine operators, male:</b>									
Illinois.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	1	9	5.8	54.0	51.3	95.0	.435	23.49	22.34
Massachusetts.....	9	55	5.3	49.8	40.5	81.3	.600	29.88	24.28
Minnesota.....	2	2	5.5	51.3	49.5	96.5	.265	13.59	13.14
New Hampshire.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Ohio.....	1	11	5.9	50.0	53.9	107.8	.531	26.55	28.66
Wisconsin.....	2	10	5.5	49.0	30.7	62.7	.412	20.19	12.66
<b>Total.....</b>	<b>18</b>	<b>90</b>	<b>5.4</b>	<b>50.1</b>	<b>41.9</b>	<b>83.6</b>	<b>.546</b>	<b>27.35</b>	<b>22.89</b>
<b>Turn lasters, hand (including first and second lasters), male:</b>									
Maryland and Virginia.....	1	5	5.6	49.5	42.2	85.3	.753	37.27	31.78
Massachusetts.....	5	108	4.7	49.6	33.2	66.9	.538	26.68	17.86
Minnesota.....	1	8	4.9	48.0	33.4	69.6	.295	14.16	9.86
Missouri.....	1	16	4.5	50.0	37.5	75.0	.497	24.85	18.62
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	5	292	5.7	44.2	52.4	118.6	.552	24.40	28.97
Ohio.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Pennsylvania.....	2	101	4.5	48.0	31.9	66.5	.558	26.78	17.81
Wisconsin.....	1	8	3.8	48.0	26.0	54.2	.315	15.12	8.20
<b>Total.....</b>	<b>18</b>	<b>541</b>	<b>5.2</b>	<b>46.4</b>	<b>43.5</b>	<b>93.8</b>	<b>.546</b>	<b>25.33</b>	<b>23.79</b>
<b>Turn lasters, machine, male:</b>									
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Pennsylvania.....	1	4	3.5	48.0	25.5	53.1	.529	25.39	13.48
<b>Total.....</b>	<b>3</b>	<b>7</b>	<b>4.4</b>	<b>47.5</b>	<b>34.3</b>	<b>72.2</b>	<b>.684</b>	<b>32.49</b>	<b>23.46</b>
<b>Turn sewers, male:</b>									
Massachusetts.....	5	6	5.2	49.3	37.3	75.7	.668	32.93	24.94
Minnesota.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	4	16	4.5	44.3	33.8	76.3	.907	40.18	30.68
Ohio.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Pennsylvania.....	2	6	4.5	48.0	33.4	69.6	.698	33.50	23.33
Wisconsin.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
<b>Total.....</b>	<b>16</b>	<b>35</b>	<b>4.7</b>	<b>46.8</b>	<b>34.6</b>	<b>73.9</b>	<b>.750</b>	<b>35.10</b>	<b>25.94</b>

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Tack pullers, hand and machine, male:</b>									
Illinois	5	14	5.9	49.0	46.2	94.3	\$0.300	\$14.70	\$13.87
Kentucky	3	7	5.3	53.1	46.2	87.0	.249	13.22	11.50
Maine	6	16	6.0	52.5	44.9	85.5	.376	19.74	16.86
Maryland and Virginia	6	12	5.8	49.1	43.5	88.6	.210	10.31	9.14
Massachusetts	31	78	5.5	43.2	37.2	77.2	.399	19.23	14.86
Michigan	3	4	5.3	49.4	31.6	64.0	.429	21.19	13.55
Minnesota	3	4	5.8	50.1	45.7	97.2	.268	13.43	13.04
Missouri	8	24	5.3	48.9	41.8	85.5	.313	15.31	13.10
New Hampshire	6	12	5.0	48.2	38.5	79.9	.324	15.62	12.48
New York	17	72	4.8	47.8	34.3	71.8	.411	19.65	14.12
Ohio	6	18	5.2	48.4	40.4	83.5	.396	19.17	15.98
Pennsylvania	9	31	5.0	52.2	37.1	71.1	.256	13.36	9.51
Tennessee	4	10	4.9	50.5	38.2	75.6	.237	11.97	9.04
Wisconsin	7	15	5.5	50.6	39.9	78.9	.384	19.43	15.33
Total	114	317	5.3	49.2	38.6	78.5	.352	17.32	13.57
<b>Tack pullers, hand and machine, female:</b>									
Missouri	2	3	5.0	49.3	44.4	90.1	.248	12.23	11.04
New Hampshire	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Ohio	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin	3	6	5.3	49.3	28.3	57.4	.312	15.38	8.83
Total	7	12	5.3	49.2	36.7	74.6	.286	14.07	10.52

BOTTOMING DEPARTMENT

<b>Goodyear welters (including in-seamers), male:</b>									
Illinois	2	15	5.5	48.0	36.9	76.9	\$0.891	\$42.77	\$32.89
Kentucky	1	3	5.0	53.0	41.2	77.7	.591	31.32	24.35
Maine	5	9	6.0	51.0	34.4	67.5	.762	38.86	26.24
Maryland and Virginia	5	13	5.8	48.7	41.4	85.0	.490	23.86	20.28
Massachusetts	19	81	5.6	47.9	37.9	79.1	.806	38.61	30.53
Michigan	4	7	5.0	49.3	30.9	62.7	.614	30.27	19.00
Minnesota	3	3	5.7	50.2	46.0	91.6	.474	23.79	21.80
Missouri	3	17	5.0	49.8	36.8	73.9	.454	22.61	16.72
New Hampshire	6	20	4.8	48.5	36.5	75.3	.591	28.66	21.59
New Jersey	3	5	4.8	47.4	33.7	71.1	.811	38.44	27.31
New York	16	75	4.4	48.6	31.1	64.0	.702	34.12	21.84
Ohio	6	19	4.8	47.6	36.3	76.3	.693	32.99	25.16
Pennsylvania	9	27	5.3	51.9	38.3	73.8	.537	27.87	20.57
Tennessee	4	13	5.2	49.2	39.3	79.9	.465	22.88	18.28
Wisconsin	7	29	5.5	50.0	33.3	66.6	.539	26.95	17.93
Total	92	336	5.1	48.9	35.7	73.0	.668	32.67	23.87
<b>Welt beaters and slashers, male:</b>									
Illinois	2	5	5.8	48.0	41.6	86.7	.528	25.34	21.99
Kentucky	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine	5	5	6.0	51.8	36.7	70.8	.437	22.64	16.05
Maryland and Virginia	5	6	5.5	49.0	40.8	83.3	.359	17.59	14.04
Massachusetts	19	31	5.6	48.0	38.9	81.0	.402	19.30	15.03
Michigan	3	3	5.0	49.2	29.9	60.8	.468	23.03	14.01
Missouri	3	6	4.8	49.7	37.3	75.1	.338	16.80	12.61
New Hampshire	3	8	5.3	48.8	32.4	66.4	.418	20.40	13.54
New Jersey	3	3	4.7	46.8	33.5	71.6	.479	22.42	16.06
New York	13	25	4.6	48.9	33.9	69.3	.432	21.12	14.63
Ohio	6	14	4.9	47.8	36.8	77.0	.432	20.65	15.91
Pennsylvania	7	11	5.1	52.0	38.0	73.1	.357	18.56	13.58
Tennessee	4	6	4.7	50.0	35.9	71.8	.282	14.10	10.11
Wisconsin	5	9	5.6	50.1	33.1	66.1	.373	18.69	12.34
Total	82	134	5.2	49.1	36.0	74.5	.404	19.84	14.76

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Bottom fillers, hand and machine, male:</b>									
Illinois.....	4	10	5.8	49.0	47.7	97.3	\$0.340	\$16.66	\$16.21
Kentucky.....	3	4	5.5	54.0	50.3	93.1	.290	15.66	14.53
Maine.....	5	11	5.9	53.0	49.1	92.6	.353	18.71	17.34
Maryland and Virginia.....	5	8	5.3	48.8	38.0	77.9	.257	12.54	9.78
Massachusetts.....	29	40	5.7	48.2	41.5	86.1	.355	18.56	15.97
Michigan.....	2	2	5.0	50.0	33.2	66.4	.353	17.65	11.71
Minnesota.....	3	4	5.5	49.6	44.8	90.3	.343	17.01	15.36
Missouri.....	4	13	5.2	49.5	42.6	86.1	.346	17.13	14.73
New Hampshire.....	6	9	5.0	48.2	39.3	81.5	.338	16.29	13.31
New Jersey.....	3	4	4.8	48.3	41.1	85.1	.409	19.75	16.84
New York.....	14	32	4.5	48.6	32.7	67.3	.376	18.27	12.32
Ohio.....	7	16	5.3	48.1	42.1	87.5	.395	19.00	16.64
Pennsylvania.....	9	12	5.4	52.1	41.4	79.5	.326	16.98	13.51
Tennessee.....	4	7	4.9	50.7	36.4	71.8	.256	12.98	9.31
Wisconsin.....	5	9	5.7	51.1	40.4	79.1	.374	19.11	15.13
Total.....	103	181	5.3	49.4	40.5	82.0	.356	17.59	14.45
<b>Bottom fillers, hand and machine, female:</b>									
Illinois.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Missouri.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin.....	2	7	5.1	48.3	21.4	44.3	.391	18.89	8.37
Total.....	7	14	5.6	49.5	36.2	73.1	.280	13.86	10.14
<b>Roughers for cement, male:</b>									
Illinois.....	3	10	6.0	49.6	53.9	108.7	.300	14.88	16.16
Kentucky.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Maine.....	4	11	6.0	54.0	50.0	92.6	.364	19.66	18.20
Maryland and Virginia.....	2	9	5.8	49.7	43.3	87.1	.336	16.70	14.54
Massachusetts.....	11	17	5.5	48.1	37.9	78.8	.513	24.68	19.45
Missouri.....	2	6	4.7	48.0	37.6	78.3	.375	18.00	14.13
New Hampshire.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
New York.....	5	22	4.9	48.9	40.3	82.4	.446	21.81	17.96
Ohio.....	3	7	5.6	49.8	47.5	95.4	.491	24.45	23.35
Pennsylvania.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Tennessee.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Wisconsin.....	1	5	6.0	48.0	58.4	121.7	.399	19.15	23.30
Total.....	35	92	5.4	49.7	44.2	88.9	.400	19.88	17.66
<b>Roughers for cement, female:</b>									
Illinois.....	1	3	6.0	50.0	54.3	108.6	.183	9.15	9.95
Massachusetts.....	2	2	5.5	47.5	45.0	94.7	.324	15.39	14.60
Wisconsin.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Total.....	4	6	5.7	48.8	48.9	100.2	.235	11.47	11.49
<b>Sole cementers, hand and machine (including bottom cementers), male:</b>									
Illinois.....	1	5	6.0	48.0	42.4	88.3	.339	16.27	14.36
Kentucky.....	2	4	5.5	56.5	53.0	93.8	.189	10.68	10.01
Maine.....	5	10	6.0	52.0	42.2	81.2	.283	14.72	11.94
Maryland and Virginia.....	6	13	5.7	48.7	44.0	90.3	.253	12.32	11.12
Massachusetts.....	22	33	5.5	48.2	39.1	81.1	.332	16.00	12.96
Michigan.....	1	(1)	(1)	(1)	(1)	-----	(1)	(1)	(1)
Minnesota.....	2	2	5.0	51.3	41.3	80.5	.250	12.83	10.33
Missouri.....	5	8	5.3	49.0	41.0	83.7	.327	16.02	13.39
New Hampshire.....	5	12	5.2	48.2	35.7	74.1	.276	13.30	9.83
New Jersey.....	2	2	5.0	48.3	38.3	79.3	.230	11.11	8.79
New York.....	12	30	4.5	48.8	33.4	68.4	.404	19.72	13.50
Ohio.....	7	23	5.3	48.2	41.5	86.1	.388	18.70	16.11
Pennsylvania.....	9	16	5.3	51.8	39.9	77.0	.288	14.92	11.47
Tennessee.....	4	8	4.5	50.0	32.6	65.2	.347	17.35	11.32
Wisconsin.....	6	17	5.8	49.2	47.2	95.9	.274	13.48	12.22
Total.....	89	184	5.3	49.3	39.7	80.5	.321	15.83	12.75

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.

BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Percent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Sole cementers, hand and machine (including bottom cementers), female:</b>									
Illinois.....	3	14	5.9	49.6	53.1	107.1	\$0.209	\$10.37	\$11.11
Maine.....	4	11	5.8	53.6	46.8	87.3	.193	10.34	9.02
Maryland and Virginia.....	2	7	5.7	49.8	46.3	93.0	.171	8.52	7.93
Massachusetts.....	13	27	5.7	47.6	35.3	74.2	.416	19.80	14.69
Missouri.....	4	15	5.0	48.4	39.9	82.4	.287	13.89	11.43
New Hampshire.....	3	9	5.1	48.4	32.1	66.3	.211	10.21	6.79
New York.....	5	18	5.5	48.9	43.7	89.4	.280	13.69	12.21
Ohio.....	2	11	5.3	49.6	48.8	98.4	.227	11.26	11.07
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wisconsin.....	3	7	5.9	48.3	40.8	84.5	.347	16.76	14.13
Total.....	40	121	5.5	49.0	42.1	85.9	.276	13.52	11.60
<b>Sole layers, hand and machine, male:</b>									
Illinois.....	4	9	5.9	49.1	44.5	90.6	.516	25.34	22.94
Kentucky.....	2	4	5.5	51.5	46.4	90.1	.364	18.75	16.87
Maine.....	5	7	5.9	51.9	38.6	74.4	.420	21.80	16.19
Maryland and Virginia.....	5	7	5.1	48.9	38.4	78.5	.333	16.28	12.81
Massachusetts.....	42	92	5.5	48.8	39.9	81.8	.513	25.03	20.43
Michigan.....	4	6	4.7	49.6	36.4	73.4	.508	25.20	18.46
Minnesota.....	3	3	5.7	50.2	45.8	91.2	.418	20.98	19.18
Missouri.....	5	19	4.7	49.7	38.6	77.7	.490	24.35	18.93
New Hampshire.....	6	10	5.1	48.6	34.4	70.8	.420	20.41	14.45
New Jersey.....	3	3	4.7	46.8	32.5	69.4	.614	28.74	19.94
New York.....	14	34	4.5	48.3	29.2	60.5	.579	27.97	16.87
Ohio.....	7	23	4.8	47.2	36.5	77.3	.522	24.64	19.04
Pennsylvania.....	9	18	5.4	51.8	37.8	73.0	.402	20.82	15.20
Tennessee.....	3	5	4.8	50.0	34.2	68.4	.360	18.00	12.32
Wisconsin.....	5	10	5.5	49.7	31.3	63.0	.486	24.15	15.24
Total.....	117	250	5.2	49.1	37.3	76.0	.492	24.16	18.35
<b>Rough rounders, male:</b>									
Illinois.....	2	9	5.8	48.0	38.0	79.2	.803	38.54	30.51
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	4	6	5.8	51.5	35.2	68.3	.571	29.41	20.07
Maryland and Virginia.....	5	8	5.8	48.8	42.6	87.3	.408	19.91	17.39
Massachusetts.....	20	44	5.6	48.0	37.7	78.5	.690	33.12	26.01
Michigan.....	4	5	4.8	49.5	35.5	71.7	.592	29.30	21.00
Minnesota.....	3	3	5.7	50.2	48.2	96.0	.431	21.64	20.76
Missouri.....	6	21	4.7	49.7	37.2	74.8	.522	25.94	19.42
New Hampshire.....	5	11	5.2	48.4	37.6	77.7	.566	27.39	21.28
New Jersey.....	2	3	5.0	46.8	27.0	57.7	.854	39.97	23.07
New York.....	14	46	4.5	48.7	30.1	61.8	.688	33.51	20.67
Ohio.....	5	19	4.9	47.6	36.4	76.5	.558	26.56	20.31
Pennsylvania.....	9	24	5.3	52.6	37.2	70.7	.508	26.72	18.86
Tennessee.....	4	8	5.1	49.4	38.1	77.1	.527	26.03	20.11
Wisconsin.....	6	19	5.5	50.3	33.5	66.6	.554	27.87	18.59
Total.....	90	228	5.2	49.2	35.7	72.6	.602	29.62	21.51
<b>Channel openers and closers (including channel layers, channel turners, channel cementers and lip turners), male:</b>									
Illinois.....	4	11	5.6	48.4	40.7	84.1	.433	20.96	17.62
Kentucky.....	2	4	5.5	51.5	45.8	88.9	.201	10.35	9.19
Maine.....	5	13	5.8	52.8	47.4	89.8	.435	22.97	20.64
Maryland and Virginia.....	3	10	5.7	48.2	37.0	76.8	.264	12.72	9.76
Massachusetts.....	33	65	5.7	48.3	42.0	87.0	.382	18.45	16.06
Minnesota.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	6	24	5.0	49.4	41.5	84.0	.401	19.81	16.63
New Hampshire.....	7	9	5.3	48.4	32.7	67.6	.385	18.63	12.59
New Jersey.....	2	3	4.7	44.0	29.0	65.9	.471	20.72	13.65
New York.....	13	48	4.8	48.7	31.4	64.5	.337	16.41	10.59
Ohio.....	4	16	4.9	48.8	39.5	80.9	.387	18.89	15.28
Pennsylvania.....	8	16	5.1	51.8	36.9	71.2	.336	17.40	12.41
Tennessee.....	3	6	4.8	50.0	36.7	73.4	.383	19.15	14.05
Wisconsin.....	4	13	5.7	50.5	34.3	67.9	.328	16.56	11.23
Total.....	95	240	5.3	49.2	38.2	77.6	.369	18.15	14.11

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
Channel openers and closers (including channel layers, channel turners, channel cementers and lip turners), female:									
Illinois.....	2	4	6.0	50.0	52.3	104.6	\$0.263	\$13.15	\$13.78
Maine.....	2	3	5.0	52.7	32.9	62.4	.235	12.38	7.73
Massachusetts.....	11	17	5.5	47.9	38.5	80.4	.431	20.64	16.61
Minnesota.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	3	6	3.8	50.0	30.6	61.2	.306	15.30	9.36
New Hampshire.....	3	4	5.5	48.0	36.5	76.0	.394	18.91	14.38
New York.....	6	19	4.6	48.8	32.6	66.8	.416	20.30	13.59
Wisconsin.....	2	3	5.3	48.7	30.0	61.6	.306	14.90	9.17
Total.....	30	58	5.1	48.8	36.2	74.2	.374	18.25	13.53
Goodyear stitchers, male:									
Illinois.....	3	24	5.8	48.3	41.1	85.1	.706	34.10	28.99
Kentucky.....	1	3	5.0	53.0	44.5	84.0	.665	35.25	29.61
Maine.....	5	13	5.9	51.0	40.0	78.4	.517	26.37	20.66
Maryland and Virginia.....	5	18	5.8	48.6	43.3	89.1	.421	20.46	18.24
Massachusetts.....	22	118	5.6	48.0	39.1	81.5	.633	30.38	24.74
Michigan.....	4	8	4.9	49.4	37.7	76.3	.639	31.57	24.07
Minnesota.....	3	4	5.5	49.6	45.5	91.7	.588	29.16	26.75
Missouri.....	3	33	4.4	49.8	35.2	66.7	.459	22.86	15.27
New Hampshire.....	6	32	5.0	48.5	37.2	76.7	.534	25.90	19.89
New Jersey.....	3	6	4.8	46.8	34.3	73.3	.714	33.42	24.48
New York.....	15	99	4.5	48.6	30.9	63.6	.645	31.35	19.92
Ohio.....	6	28	4.8	47.3	35.0	74.0	.618	29.23	21.63
Pennsylvania.....	9	46	5.3	52.4	39.2	74.8	.502	26.30	19.67
Tennessee.....	4	17	5.1	49.1	37.8	77.0	.503	24.70	19.00
Wisconsin.....	6	37	5.6	50.1	35.2	70.3	.556	27.86	19.53
Total.....	95	486	5.2	49.0	36.6	74.7	.585	28.67	21.43
McKay sewers, male:									
Illinois.....	3	11	6.0	50.0	51.0	102.0	.339	16.95	17.26
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	1	8	6.0	54.0	55.1	102.0	.509	27.49	28.06
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	25	57	5.7	49.1	43.2	88.0	.621	30.49	26.78
Minnesota.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	4	21	5.3	49.6	46.1	92.9	.534	26.49	24.60
New Hampshire.....	2	6	4.8	49.0	28.5	58.2	.545	28.71	15.53
New York.....	3	6	5.0	48.7	33.9	69.6	.588	28.64	19.92
Ohio.....	3	12	5.0	47.5	40.2	84.6	.590	28.03	23.71
Pennsylvania.....	2	2	6.0	52.5	29.9	57.0	.390	20.48	11.68
Total.....	46	128	5.5	49.4	43.6	88.3	.550	27.17	23.94
Sole attachers, cement, male:									
Illinois.....	3	14	6.0	49.7	51.8	104.2	.353	17.54	18.31
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	4	10	6.0	54.0	47.0	87.0	.457	24.68	21.47
Maryland and Virginia.....	2	6	6.0	49.7	49.9	100.4	.400	19.88	19.95
Massachusetts.....	13	20	5.9	48.3	48.9	90.9	.559	27.00	24.54
Missouri.....	2	9	5.6	48.0	48.9	101.9	.665	31.92	32.57
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	15	5.3	48.8	40.4	82.8	.571	27.86	23.08
Ohio.....	3	6	5.8	49.8	50.9	102.2	.459	22.86	23.36
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wisconsin.....	2	4	5.8	48.0	57.5	119.8	.565	27.12	32.49
Total.....	39	88	5.7	49.6	46.8	94.4	.495	24.55	23.16

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.

## BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Percent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Stitch separators (including stitch wheelers), male:</b>									
Illinois.....	3	8	5.8	48.3	42.0	87.0	\$0.453	\$21.88	\$19.01
Kentucky.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	-----	-----	-----
Maine.....	2	4	6.0	50.0	41.5	83.0	.368	18.40	15.28
Maryland and Virginia.....	2	3	6.0	48.0	38.7	80.6	.236	11.33	9.14
Massachusetts.....	15	32	5.6	48.1	39.0	81.1	.471	22.66	18.40
Michigan.....	2	2	4.0	48.8	21.3	43.6	.333	16.25	7.08
Missouri.....	4	14	5.0	49.7	40.6	81.7	.319	15.85	12.94
New Hampshire.....	4	5	5.0	48.4	38.7	80.0	.346	16.75	13.37
New York.....	3	9	3.8	48.9	28.0	57.3	.485	23.72	13.56
Ohio.....	3	4	5.3	47.5	38.3	80.6	.476	22.61	18.24
Pennsylvania.....	2	6	5.2	53.0	35.9	67.7	.388	20.56	13.94
Tennessee.....	2	4	5.0	47.5	33.8	71.2	.492	23.37	16.61
Wisconsin.....	5	18	5.5	49.4	31.9	64.6	.393	19.41	12.53
Total.....	48	110	5.3	48.9	36.7	75.1	.413	20.20	15.18
<b>Levelers, male:</b>									
Illinois.....	5	20	5.9	49.2	47.9	97.4	.388	19.09	18.87
Kentucky.....	2	4	5.5	51.5	47.5	92.2	.368	18.95	17.45
Maine.....	5	10	5.9	52.5	46.7	89.0	.488	25.62	22.83
Maryland and Virginia.....	5	11	5.5	48.5	42.0	86.6	.305	14.79	12.79
Massachusetts.....	41	82	5.7	48.6	42.7	87.9	.529	25.41	22.57
Michigan.....	4	6	4.5	49.6	33.6	67.7	.477	23.66	16.03
Minnesota.....	4	6	5.7	49.8	46.5	93.4	.353	17.58	16.39
Missouri.....	7	23	5.3	49.6	45.0	90.7	.450	22.32	20.26
New Hampshire.....	7	9	4.7	48.4	34.0	70.2	.437	21.15	14.87
New Jersey.....	3	4	5.0	48.3	36.6	75.8	.661	31.93	24.18
New York.....	16	82	4.9	48.8	35.3	72.3	.494	24.11	17.42
Ohio.....	7	29	5.3	47.9	42.1	87.9	.508	24.33	21.36
Pennsylvania.....	9	25	5.3	51.8	39.4	76.1	.337	17.46	13.31
Tennessee.....	4	7	4.9	50.7	38.6	76.1	.316	16.02	12.21
Wisconsin.....	9	19	5.2	49.6	34.5	69.6	.475	23.56	16.40
Total.....	128	337	5.3	49.2	40.3	81.9	.466	22.93	18.78
<b>Heelers, leather, male:</b>									
Illinois.....	3	14	5.8	48.4	43.8	90.5	.612	29.62	26.80
Kentucky.....	3	5	5.6	53.2	50.0	94.0	.393	20.91	19.64
Maine.....	5	9	5.9	51.9	41.8	80.5	.611	31.71	25.56
Maryland and Virginia.....	6	8	5.6	49.1	41.1	83.7	.513	25.19	21.08
Massachusetts.....	25	56	5.6	48.2	39.4	81.7	.697	33.60	27.43
Michigan.....	4	6	4.7	49.6	37.0	74.6	.598	29.66	22.14
Minnesota.....	3	5	5.6	50.2	44.6	88.8	.453	22.74	20.18
Missouri.....	6	24	5.0	49.9	41.7	83.6	.435	21.71	18.12
New Hampshire.....	7	16	4.9	48.6	34.0	70.0	.518	25.17	17.61
New Jersey.....	3	4	4.8	46.1	31.7	68.8	.682	31.44	21.61
New York.....	15	48	4.8	48.5	33.7	69.5	.604	29.29	20.39
Ohio.....	4	17	4.7	47.1	31.5	66.9	.501	23.60	15.79
Pennsylvania.....	9	20	5.6	52.0	40.3	77.5	.433	22.52	17.46
Tennessee.....	4	10	5.2	50.5	41.6	82.4	.473	23.89	19.70
Wisconsin.....	8	16	5.4	50.1	34.7	69.3	.644	32.26	22.34
Total.....	105	258	5.2	49.2	38.1	77.4	.570	28.04	21.69
<b>Heelers, wood, male:</b>									
Illinois.....	3	53	5.8	49.9	51.2	102.6	.260	12.97	13.33
Kentucky.....	2	8	5.3	50.8	44.3	87.2	.363	18.44	16.05
Maine.....	5	29	5.9	53.9	42.7	79.2	.556	29.97	23.74
Maryland and Virginia.....	4	17	5.4	48.9	38.4	78.5	.360	17.60	13.82
Massachusetts.....	34	252	5.6	48.8	39.7	81.4	.606	29.57	24.06
Minnesota.....	2	3	4.7	48.0	36.6	76.3	.376	18.05	13.75
Missouri.....	6	33	5.0	48.7	40.0	82.1	.541	26.35	21.63
New Hampshire.....	2	2	5.5	49.0	17.3	35.3	.829	40.62	14.30
New York.....	15	227	5.3	47.0	42.3	90.0	.479	22.51	20.27
Ohio.....	5	33	5.1	48.9	41.1	84.0	.624	30.51	25.61
Pennsylvania.....	5	16	3.9	48.9	31.8	65.0	.460	22.49	14.59
Wisconsin.....	2	13	5.9	48.0	53.8	112.1	.660	31.68	35.49
Total.....	85	786	5.4	48.5	41.5	85.6	.524	25.41	21.77

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Heel trimmers or shavers, male:</b>									
Illinois.....	4	14	5.8	48.7	45.0	92.4	\$0.535	\$26.05	\$24.09
Kentucky.....	3	4	5.5	54.0	49.9	92.4	.334	18.04	16.63
Maine.....	4	6	6.0	52.2	42.9	82.2	.400	20.88	17.16
Maryland and Virginia.....	5	7	5.7	49.4	43.2	87.4	.483	23.86	20.85
Massachusetts.....	27	46	5.6	48.3	39.4	81.6	.643	31.06	25.34
Michigan.....	3	5	4.6	50.0	37.9	75.8	.453	22.65	17.15
Minnesota.....	3	3	5.3	50.2	42.9	85.5	.440	22.09	18.90
Missouri.....	6	15	4.8	49.9	40.2	80.6	.408	20.36	16.41
New Hampshire.....	7	9	5.0	48.4	38.3	79.1	.640	30.98	24.55
New Jersey.....	2	3	4.7	44.0	25.8	58.6	1.025	45.10	26.48
New York.....	14	26	4.7	48.3	31.5	65.2	.736	35.55	23.18
Ohio.....	6	10	4.8	47.5	34.4	72.4	.584	27.74	20.11
Pennsylvania.....	9	22	5.3	51.5	36.8	71.5	.450	23.18	16.56
Tennessee.....	3	7	4.7	49.3	35.3	71.6	.470	23.17	16.58
Wisconsin.....	7	18	5.5	50.4	35.3	70.0	.511	25.75	18.02
Total.....	103	195	5.2	49.3	38.0	77.1	.556	27.42	21.11
<b>Heel breasters, male:</b>									
Illinois.....	2	3	5.7	48.0	46.5	96.9	.627	30.10	29.16
Kentucky.....	2	3	6.3	55.3	49.8	90.1	.256	14.16	12.76
Maine.....	2	3	5.7	52.7	40.5	76.9	.431	22.71	17.47
Maryland and Virginia.....	5	6	5.8	49.0	42.5	86.7	.458	22.44	19.47
Massachusetts.....	18	29	5.6	48.3	40.6	84.1	.450	21.74	18.26
Michigan.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	2	3	4.7	50.0	37.1	74.2	.411	20.55	15.24
New Hampshire.....	3	3	5.3	48.7	37.4	76.8	.571	27.81	21.37
New Jersey.....	2	2	4.5	44.0	27.0	61.4	.715	31.46	19.31
New York.....	9	13	5.1	48.9	38.3	78.3	.461	22.54	17.66
Ohio.....	2	4	4.3	47.5	31.4	66.1	.513	24.37	16.08
Pennsylvania.....	9	16	4.9	51.2	36.7	71.7	.427	21.86	15.66
Tennessee.....	3	4	4.8	52.5	31.3	59.6	.324	17.01	10.14
Wisconsin.....	4	5	5.6	52.0	39.9	76.7	.395	20.54	15.73
Total.....	64	95	5.3	49.6	39.0	78.6	.449	22.27	17.54
<b>Edge trimmers, male:</b>									
Illinois.....	5	48	5.7	49.0	46.0	93.9	.504	24.70	23.21
Kentucky.....	3	10	5.4	52.8	48.0	90.9	.440	23.23	21.10
Maine.....	8	35	5.9	52.7	43.7	82.9	.548	28.88	23.96
Maryland and Virginia.....	6	30	5.5	48.9	40.4	82.6	.401	19.61	16.20
Massachusetts.....	49	226	5.7	48.4	41.4	85.5	.648	31.36	26.80
Michigan.....	4	11	4.8	49.3	35.7	72.4	.570	28.10	20.34
Minnesota.....	4	7	5.7	49.6	42.9	86.5	.481	23.86	20.63
Missouri.....	9	80	5.2	49.6	42.5	85.7	.499	24.75	21.22
New Hampshire.....	7	37	5.1	48.4	37.8	78.1	.538	26.04	20.34
New Jersey.....	3	5	4.8	47.4	36.4	76.8	.840	39.82	30.58
New York.....	19	154	4.7	48.5	33.3	68.7	.639	30.99	21.25
Ohio.....	7	56	4.9	47.5	37.3	78.5	.549	26.08	20.45
Pennsylvania.....	9	51	5.1	52.5	39.5	75.2	.427	22.42	16.87
Tennessee.....	4	15	5.2	49.7	39.5	79.5	.491	24.40	19.43
Wisconsin.....	9	48	5.4	49.9	34.6	69.3	.614	30.64	21.23
Total.....	146	813	5.3	49.1	39.3	80.0	.572	28.09	22.47
<b>Sluggers, male:</b>									
Illinois.....	3	7	5.7	49.1	44.2	90.0	.413	20.28	18.28
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	3	4	6.0	52.0	46.8	90.0	.361	18.77	16.90
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	9	9	5.7	48.1	41.7	86.7	.494	23.76	20.58
Michigan.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Minnesota.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Missouri.....	3	3	5.0	48.7	40.8	83.8	.368	17.92	15.00
New Hampshire.....	3	3	5.3	48.0	35.5	74.0	.247	11.86	8.77
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	4	5	4.0	48.8	25.3	51.8	.372	18.15	9.43
Ohio.....	4	6	5.3	48.3	44.8	92.8	.424	20.48	18.99
Pennsylvania.....	5	5	5.2	50.8	32.7	64.4	.346	17.58	11.33
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wisconsin.....	3	4	5.8	49.5	32.2	65.1	.418	20.69	13.45
Total.....	43	54	5.4	49.0	38.9	79.4	.408	19.99	15.89

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FINISHING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Buffers (including bottom scourers), male:</b>									
Illinois.....	5	21	5.9	49.0	46.7	95.3	\$0.431	\$21.12	\$20.14
Kentucky.....	3	5	5.6	55.2	51.3	92.9	.241	13.30	12.35
Maine.....	8	19	5.8	52.8	44.4	84.1	.442	23.34	19.61
Maryland and Virginia.....	5	11	4.8	48.5	36.5	75.3	.331	16.05	12.06
Massachusetts.....	48	89	5.7	48.5	41.1	84.7	.583	28.28	23.94
Michigan.....	2	2	5.0	50.0	37.2	74.4	.439	21.95	16.30
Minnesota.....	3	4	5.5	48.5	42.0	86.6	.362	17.56	15.20
Missouri.....	9	25	4.9	49.4	40.4	81.8	.447	22.08	18.05
New Hampshire.....	7	20	4.7	48.4	33.1	68.4	.411	19.89	13.62
New Jersey.....	2	2	5.0	48.3	33.8	70.0	.447	21.59	15.08
New York.....	18	51	4.8	48.4	37.2	76.9	.471	22.80	17.51
Ohio.....	4	6	5.7	49.9	47.7	95.6	.508	25.35	24.26
Pennsylvania.....	9	15	4.9	50.4	34.8	69.0	.306	15.42	10.64
Tennessee.....	4	8	4.9	51.3	36.1	70.4	.343	17.60	12.38
Wisconsin.....	7	17	5.5	49.7	33.7	67.8	.475	23.61	16.03
Total.....	134	295	5.3	49.3	39.6	80.3	.474	23.37	18.77
<b>Naumkeag operators, male:</b>									
Illinois.....	2	7	5.7	49.4	50.7	102.6	.372	18.38	18.85
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	4	6	6.0	54.0	43.0	79.6	.598	32.29	25.69
Maryland and Virginia.....	4	7	5.4	49.0	32.9	67.1	.435	21.32	14.31
Massachusetts.....	32	45	5.8	48.7	43.8	89.9	.644	31.36	28.19
Missouri.....	6	14	5.3	49.0	44.0	89.8	.491	24.06	21.63
New Hampshire.....	3	4	4.8	48.5	37.5	77.3	.472	22.89	17.69
New Jersey.....	2	2	5.0	48.3	36.3	75.2	.466	22.51	16.89
New York.....	14	26	5.0	47.3	35.2	74.4	.555	26.25	19.55
Ohio.....	5	13	5.1	46.5	39.0	83.9	.510	23.72	19.90
Pennsylvania.....	6	9	5.3	50.2	40.2	80.1	.434	21.79	17.42
Wisconsin.....	4	7	5.7	49.9	36.8	73.7	.624	31.14	22.97
Total.....	83	141	5.5	48.7	40.7	83.6	.549	26.74	22.37
<b>Edge setters, male:</b>									
Illinois.....	5	49	5.7	48.9	46.3	94.7	.502	24.55	23.26
Kentucky.....	3	8	5.5	52.8	48.1	91.1	.331	17.48	15.91
Maine.....	8	33	6.0	52.5	43.5	82.9	.526	27.62	22.88
Maryland and Virginia.....	6	22	5.8	49.0	42.2	86.1	.382	18.72	16.12
Massachusetts.....	49	203	5.7	48.3	41.7	86.3	.631	30.48	26.27
Michigan.....	4	7	5.1	49.6	34.5	69.6	.610	30.26	21.03
Minnesota.....	3	6	5.7	49.8	44.9	90.2	.452	22.51	20.32
Missouri.....	9	51	4.9	49.3	40.0	81.1	.467	23.02	18.68
New Hampshire.....	7	37	4.9	48.5	35.5	73.2	.512	24.83	18.16
New Jersey.....	3	9	4.8	46.8	36.1	77.1	.699	32.25	24.85
New York.....	19	157	4.7	48.3	35.0	72.5	.550	26.57	19.25
Ohio.....	7	61	5.1	48.0	39.8	82.9	.543	26.06	21.62
Pennsylvania.....	9	49	5.3	52.1	38.4	73.7	.454	23.65	17.46
Tennessee.....	4	11	4.9	49.5	36.4	73.5	.503	24.90	18.33
Wisconsin.....	9	41	5.6	49.7	33.5	67.4	.645	32.06	21.63
Total.....	145	744	5.3	49.0	39.3	80.2	.551	27.00	21.66
<b>Heel scourers (including first and second scourers), male:</b>									
Illinois.....	4	12	5.8	48.7	45.7	93.8	.460	22.40	21.00
Kentucky.....	3	6	5.5	53.2	48.9	91.9	.266	14.15	13.02
Maine.....	5	10	5.9	52.1	43.1	82.7	.416	21.67	17.92
Maryland and Virginia.....	6	11	5.8	48.8	43.0	88.1	.410	20.01	17.62
Massachusetts.....	25	62	5.7	48.2	41.1	85.3	.541	26.08	22.20
Michigan.....	4	6	5.0	49.6	37.8	76.2	.487	24.16	18.38
Minnesota.....	3	3	5.7	50.2	44.2	88.0	.419	21.03	18.50
Missouri.....	6	25	5.1	57.9	43.4	75.0	.353	20.44	15.33
New Hampshire.....	7	19	5.3	48.3	40.2	83.2	.457	22.07	18.37
New Jersey.....	2	3	4.7	44.0	31.6	71.8	.786	32.38	23.24
New York.....	15	50	4.5	48.4	31.8	65.7	.524	25.36	16.65
Ohio.....	5	14	4.8	47.5	34.5	72.6	.500	23.75	17.26
Pennsylvania.....	9	27	4.9	52.3	35.7	68.3	.366	19.14	13.07
Tennessee.....	4	12	5.2	49.6	39.2	79.0	.318	15.77	12.47
Wisconsin.....	8	28	5.3	50.1	32.2	64.3	.518	25.95	16.69
Total.....	106	288	5.2	50.0	38.2	76.4	.463	23.15	17.68

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Heel burnishers (including stoners, expeditors, and heel slickers), male:</b>									
Illinois.....	3	15	5.6	48.5	42.7	88.0	\$0.481	\$23.33	\$20.53
Kentucky.....	3	5	5.4	53.2	49.1	92.3	.418	12.34	11.39
Maine.....	5	9	6.0	51.4	45.0	87.5	.418	21.49	18.81
Maryland and Virginia.....	5	11	5.8	48.5	41.7	86.0	.412	19.98	17.16
Massachusetts.....	24	53	5.5	48.2	38.3	79.6	.492	23.71	18.86
Michigan.....	4	5	5.0	49.0	34.0	69.4	.498	24.40	16.90
Minnesota.....	2	2	6.5	51.3	52.8	102.9	.297	15.24	15.66
Missouri.....	5	13	5.1	49.8	42.3	84.9	.318	15.84	13.44
New Hampshire.....	7	15	5.1	48.4	38.2	78.9	.361	17.47	13.78
New Jersey.....	2	2	4.5	44.0	32.5	73.9	.782	34.41	26.42
New York.....	15	46	4.6	48.7	34.7	71.3	.402	19.58	13.93
Ohio.....	5	10	4.8	48.5	38.2	78.8	.393	19.06	15.02
Pennsylvania.....	9	23	5.3	51.7	39.2	75.8	.336	17.37	13.16
Tennessee.....	4	9	5.2	49.4	39.4	79.8	.384	18.97	15.16
Wisconsin.....	7	15	5.6	50.0	34.6	69.2	.459	22.95	15.85
Total.....	100	233	5.2	49.2	38.6	78.5	.416	20.47	16.04
<b>Bottom stainers, male:</b>									
Illinois.....	2	8	5.6	48.0	44.4	92.5	.428	20.54	19.00
Maine.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Maryland and Virginia.....	2	7	6.0	48.0	41.6	86.7	.308	14.78	12.80
Massachusetts.....	21	41	5.6	48.4	39.4	81.4	.392	18.97	15.43
Michigan.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Missouri.....	5	8	5.0	48.8	37.7	77.3	.375	18.30	14.12
New Hampshire.....	4	6	5.5	48.3	41.4	85.7	.445	21.49	18.39
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	11	35	5.1	48.2	32.9	68.3	.398	19.18	13.10
Ohio.....	5	15	5.1	47.5	40.6	85.5	.414	19.67	16.82
Pennsylvania.....	4	6	5.4	52.0	42.9	82.5	.248	12.90	10.62
Tennessee.....	3	4	5.5	53.8	49.3	91.6	.253	13.61	12.47
Wisconsin.....	6	19	5.7	49.8	37.5	75.3	.421	20.97	15.77
Total.....	66	153	5.4	48.7	38.6	79.3	.392	19.09	15.16
<b>Bottom stainers, female:</b>									
Illinois.....	4	18	5.9	49.2	48.0	97.6	.232	11.41	11.13
Kentucky.....	2	6	5.7	51.0	48.3	94.7	.142	7.24	6.87
Maine.....	4	14	5.9	53.7	49.4	92.0	.332	17.83	16.39
Maryland and Virginia.....	2	6	6.0	48.0	41.1	85.6	.253	12.14	10.40
Massachusetts.....	28	65	5.6	47.9	41.3	86.2	.330	16.81	13.63
Missouri.....	6	22	5.4	49.3	46.1	91.5	.284	14.00	12.80
New Hampshire.....	6	10	4.5	48.4	32.9	68.0	.243	11.76	8.00
New York.....	5	67	4.7	49.0	39.9	81.4	.279	13.67	11.11
Ohio.....	5	22	5.0	47.8	39.3	82.2	.320	15.30	12.58
Pennsylvania.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tennessee.....	4	7	5.1	49.3	39.0	79.1	.287	14.15	11.20
Wisconsin.....	6	11	5.5	49.3	37.0	75.1	.318	15.68	11.75
Total.....	73	250	5.3	48.9	41.6	85.1	.291	14.23	12.08
<b>Bottom finishers (including bottom slickers), male:</b>									
Illinois.....	5	22	5.8	49.2	48.3	98.2	.356	17.52	17.19
Kentucky.....	3	6	4.7	52.2	41.8	80.1	.256	13.36	10.70
Maine.....	7	18	5.9	52.7	46.2	87.7	.431	22.71	19.88
Maryland and Virginia.....	4	5	5.4	50.2	44.6	88.8	.417	20.93	18.58
Massachusetts.....	45	108	5.6	48.2	40.1	83.2	.515	24.82	20.69
Michigan.....	4	5	4.8	49.5	37.6	76.0	.423	20.94	15.92
Minnesota.....	4	7	5.6	49.6	44.2	89.1	.390	19.34	17.24
Missouri.....	8	39	5.3	49.4	43.1	87.2	.406	20.06	17.51
New Hampshire.....	7	23	5.1	48.2	39.2	81.3	.359	17.30	14.06
New Jersey.....	3	9	4.7	44.9	29.8	66.4	.699	31.39	20.82
New York.....	18	78	4.8	48.4	36.6	75.6	.420	20.33	15.38
Ohio.....	5	19	5.3	48.3	43.0	89.0	.460	22.22	19.75
Pennsylvania.....	9	25	5.2	51.8	41.7	80.5	.375	19.43	15.66
Tennessee.....	3	6	4.8	50.0	35.8	71.6	.259	12.95	9.28
Wisconsin.....	8	17	5.6	49.8	37.7	75.7	.443	22.06	16.70
Total.....	133	387	5.3	49.0	40.4	82.4	.437	21.41	17.64

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

**TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.**

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Bottom finishers (including bottom slickers), female:</b>									
Maine.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	90.5	\$0.337	\$16.01	\$14.50
Ohio.....	2	6	5.0	47.5	43.0				
Total.....	3	8	5.3	49.1	43.5	88.6	.326	16.01	14.21
<b>Brushers, male:</b>									
Illinois.....	2	5	5.8	48.0	45.2	94.2	.351	16.85	15.87
Kentucky.....	3	5	5.4	54.6	49.5	90.7	.166	9.06	8.19
Maine.....	5	7	6.0	52.4	46.1	88.0	.291	20.49	18.00
Maryland and Virginia.....	2	2	6.0	48.0	45.5	94.8	.299	14.35	13.60
Massachusetts.....	16	48	5.6	48.1	42.9	89.2	.448	21.55	19.18
Michigan.....	3	3	5.0	49.2	36.3	73.8	.477	23.47	17.31
Missouri.....	6	20	5.4	49.3	42.3	85.8	.286	14.10	12.08
New Hampshire.....	6	10	5.5	48.2	43.9	91.1	.400	19.28	17.54
New Jersey.....	2	2	4.5	44.0	33.8	76.8	.389	17.12	13.12
New York.....	9	35	4.3	48.8	32.3	66.2	.451	22.01	14.68
Ohio.....	4	9	5.2	48.7	41.7	85.6	.398	19.38	16.61
Pennsylvania.....	6	11	5.4	51.4	42.3	82.3	.225	11.57	9.61
Tennessee.....	4	6	4.8	50.0	36.8	73.6	.305	15.25	11.23
Wisconsin.....	6	22	5.7	49.9	34.9	69.9	.382	19.06	13.32
Total.....	74	185	5.3	49.2	39.8	80.9	.382	18.79	15.21
<b>Brushers, female:</b>									
Illinois.....	3	3	5.7	48.7	49.7	102.1	.196	9.55	9.73
Kentucky.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			( <sup>1</sup> )	( <sup>1</sup> )
Maine.....	2	7	6.0	54.0	46.4	85.9	.269	14.53	12.45
Massachusetts.....	6	7	4.7	48.0	35.8	74.6	.328	15.74	11.74
Michigan.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Missouri.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New Hampshire.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	2	3	5.7	49.5	50.1	101.2	.281	13.91	14.10
Ohio.....	2	15	4.4	45.0	28.6	63.6	.304	13.68	8.68
Pennsylvania.....	1	4	5.0	48.0	41.5	86.5	.235	11.28	9.75
Wisconsin.....	1	4	6.0	50.0	34.8	69.6	.269	13.45	9.37
Total.....	21	49	5.1	48.6	37.6	77.4	.269	13.07	10.12
<b>Shoe cleaners, male:</b>									
Illinois.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Kentucky.....	2	2	5.5	56.5	52.5	92.9	.281	13.05	12.11
Maine.....	2	2	6.0	52.0	52.0	100.0	.511	26.57	25.57
Maryland and Virginia.....	3	7	5.9	50.1	49.0	97.8	.209	10.47	10.23
Massachusetts.....	11	19	5.8	48.1	43.2	89.8	.442	21.26	19.10
Missouri.....	1	3	5.0	48.0	35.4	73.8	.481	23.09	17.05
New Hampshire.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New Jersey.....	2	2	5.0	48.3	40.3	83.4	.434	20.96	17.46
New York.....	15	43	5.3	46.9	37.8	80.6	.329	15.43	12.44
Ohio.....	5	11	5.5	48.2	43.0	89.2	.378	18.22	16.22
Pennsylvania.....	4	9	4.9	49.7	35.2	70.8	.269	13.37	9.49
Tennessee.....	1	5	5.0	45.0	30.0	66.7	.538	24.21	16.13
Total.....	48	105	5.4	48.0	40.2	83.8	.356	17.09	14.32
<b>Shoe cleaners, female:</b>									
Illinois.....	3	7	5.7	48.6	46.0	94.7	.267	12.93	12.29
Kentucky.....	1	3	6.0	50.0	50.0	100.0	.199	9.95	9.95
Maine.....	2	2	5.5	50.0	39.5	79.0	.246	12.30	9.73
Maryland and Virginia.....	3	8	5.4	49.0	44.5	90.8	.203	9.95	9.05
Massachusetts.....	12	53	5.6	47.9	44.3	92.5	.247	11.83	10.95
Missouri.....	7	18	4.9	49.1	39.8	81.1	.215	12.03	9.76
New Jersey.....	1	3	6.0	52.5	51.0	97.1	.204	10.71	10.38
New York.....	11	19	4.8	46.9	33.7	71.9	.251	11.77	8.46
Ohio.....	4	14	5.4	48.7	45.1	92.6	.281	13.63	12.67
Pennsylvania.....	3	5	5.4	51.0	47.5	93.1	.158	8.06	7.49
Tennessee.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Wisconsin.....	4	23	5.6	48.7	42.9	88.1	.258	12.56	11.06
Total.....	52	157	5.4	48.4	42.5	87.8	.247	11.95	10.52

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and percent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Percent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Last pullers, hand and machine, male:</b>									
Illinois.....	5	16	5.9	49.5	50.1	101.2	\$0.305	\$15.10	\$15.29
Kentucky.....	3	5	5.6	53.2	50.0	94.0	.242	12.87	12.08
Maine.....	5	11	5.6	53.4	49.5	92.7	.407	21.73	20.16
Maryland and Virginia.....	6	8	5.6	49.1	41.0	83.5	.304	14.93	12.48
Massachusetts.....	43	69	5.5	48.5	40.6	83.7	.467	22.65	18.98
Michigan.....	3	4	4.3	49.4	30.4	61.5	.412	20.35	12.50
Minnesota.....	2	2	5.5	51.3	51.4	100.2	.254	13.03	13.08
Missouri.....	9	20	5.4	49.6	43.8	88.3	.318	15.77	13.95
New Hampshire.....	7	10	5.4	48.4	41.4	85.5	.363	17.57	15.06
New Jersey.....	3	3	4.7	46.8	36.0	76.9	.839	39.27	30.22
New York.....	18	35	4.9	47.9	35.6	74.3	.439	21.03	15.60
Ohio.....	7	17	4.8	46.7	34.5	73.9	.398	18.59	13.74
Pennsylvania.....	9	17	5.3	51.6	40.0	77.5	.313	16.15	12.54
Tennessee.....	4	6	4.8	50.8	37.1	73.0	.280	14.22	10.39
Wisconsin.....	7	13	5.2	49.8	35.8	71.9	.424	21.12	15.17
Total.....	131	236	5.3	49.2	40.5	82.3	.396	19.48	16.04
<b>Treers, hand and machine, male:</b>									
Illinois.....	3	44	5.6	49.6	47.9	96.6	.259	12.85	12.40
Kentucky.....	3	14	5.4	53.4	48.2	90.3	.330	17.62	15.88
Maine.....	6	70	5.9	53.1	46.1	86.8	.361	19.17	16.63
Maryland and Virginia.....	6	35	5.5	48.9	43.6	89.2	.307	15.01	13.37
Massachusetts.....	47	397	5.6	48.5	42.2	87.0	.512	24.83	21.60
Michigan.....	4	14	4.8	49.5	38.5	77.3	.477	23.61	18.39
Minnesota.....	3	8	5.8	48.5	44.0	90.7	.327	15.36	14.40
Missouri.....	9	115	5.3	49.5	45.0	90.9	.404	20.00	18.21
New Hampshire.....	7	50	5.2	48.2	41.9	86.9	.401	19.33	16.79
New Jersey.....	3	9	4.9	44.9	30.3	67.5	.626	28.11	18.98
New York.....	15	161	5.2	48.2	39.1	81.1	.419	20.20	16.38
Ohio.....	4	40	5.5	49.9	45.4	91.0	.405	20.21	18.38
Pennsylvania.....	9	50	5.5	52.1	43.0	82.5	.348	18.13	14.95
Tennessee.....	4	11	4.8	50.9	39.1	76.8	.308	15.68	12.06
Wisconsin.....	7	38	5.4	50.2	39.4	78.5	.505	25.35	19.86
Total.....	132	1,056	5.5	49.3	42.5	86.2	.433	21.35	18.43
<b>Treers, hand and machine, female:</b>									
Illinois.....	3	59	5.6	49.0	47.5	96.9	.316	15.48	15.04
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maryland and Virginia.....	2	7	5.7	50.2	45.3	90.2	.241	12.10	10.94
Massachusetts.....	2	13	5.3	48.0	32.7	68.1	.271	13.01	8.87
Minnesota.....	3	6	5.2	51.3	44.9	87.5	.236	12.11	10.57
Missouri.....	5	12	4.9	48.7	38.1	78.2	.331	16.12	12.60
New York.....	9	47	5.0	48.3	38.0	78.7	.301	14.54	11.45
Ohio.....	6	33	4.7	45.9	35.7	77.8	.317	14.55	11.32
Pennsylvania.....	5	13	5.7	51.6	45.8	88.8	.258	13.31	11.83
Tennessee.....	2	11	4.5	47.7	26.9	56.4	.318	15.17	8.54
Wisconsin.....	4	46	5.6	49.6	34.2	69.0	.318	15.77	10.88
Total.....	41	249	5.3	48.7	39.3	80.7	.305	14.85	12.00
<b>Repairers (not cobblers) (including tip fixers and scourers), male:</b>									
Kentucky.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	3	5	6.0	51.6	53.9	104.5	.460	23.74	24.81
Massachusetts.....	6	9	5.3	48.0	39.7	82.7	.484	23.23	19.24
Michigan.....	2	2	5.0	50.0	41.0	82.0	.466	23.30	19.11
Missouri.....	3	4	4.5	48.5	33.2	68.5	.473	22.94	15.71
New Hampshire.....	2	3	3.7	48.7	29.7	61.0	.406	19.77	12.05
New Jersey.....	2	3	4.7	44.0	34.7	78.9	.765	33.66	26.52
New York.....	9	19	5.4	45.8	38.6	84.3	.673	30.82	26.00
Ohio.....	3	5	4.8	48.0	34.7	72.3	.418	20.06	14.50
Pennsylvania.....	6	10	5.6	50.5	45.1	89.3	.450	22.73	20.31
Tennessee.....	2	2	5.0	50.0	37.5	75.0	.308	15.40	11.54
Wisconsin.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	40	65	5.2	48.2	39.5	82.0	.524	25.26	20.70

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Repairers (not cobblers) (including tip fixers and scourers), female:</b>									
Illinois.....	5	37	5.8	49.0	51.4	104.9	\$0.280	\$13.72	\$14.38
Kentucky.....	3	7	5.6	52.7	49.3	93.5	.272	14.33	13.41
Maine.....	7	32	5.8	53.1	48.0	90.4	.334	17.74	16.02
Maryland and Virginia.....	6	38	5.8	48.7	46.3	95.1	.238	11.59	11.00
Massachusetts.....	47	188	5.6	47.9	43.4	90.6	.393	18.82	17.04
Michigan.....	2	3	5.7	49.2	41.1	83.5	.267	13.14	10.95
Minnesota.....	3	4	5.5	50.8	50.1	98.6	.281	14.27	14.09
Missouri.....	9	51	5.2	49.0	42.8	87.3	.287	14.06	12.28
New Hampshire.....	7	50	5.3	48.2	42.6	88.4	.298	14.36	12.67
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	18	71	4.9	48.2	37.5	77.8	.357	17.21	13.39
Ohio.....	6	31	5.5	48.3	44.2	91.5	.330	15.94	14.60
Pennsylvania.....	7	33	5.0	50.5	41.3	81.8	.281	14.19	11.61
Tennessee.....	3	6	5.0	48.3	40.4	83.6	.358	17.29	14.45
Wisconsin.....	7	38	5.7	49.6	40.3	81.3	.343	17.01	13.81
Total.....	131	590	5.5	48.8	43.3	88.7	.333	16.25	14.44
<b>Dressers, male:</b>									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	4	6	5.8	48.0	42.1	87.7	.429	20.59	18.05
Michigan.....	2	2	5.0	50.0	47.2	94.4	.460	23.00	21.69
Missouri.....	2	3	5.7	49.3	48.1	97.6	.273	13.46	13.14
New Hampshire.....	2	3	5.7	48.0	47.2	98.3	.431	20.69	20.35
New York.....	3	5	5.6	46.4	45.5	98.1	.387	17.96	17.59
Ohio.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	2	3	5.7	53.7	49.0	91.2	.411	22.07	20.18
Total.....	18	26	5.7	49.2	46.7	94.9	.390	19.19	18.25
<b>Dressers, female:</b>									
Illinois.....	5	30	5.9	48.7	49.5	101.6	.337	16.41	16.67
Kentucky.....	3	7	5.7	53.7	51.4	95.7	.192	10.31	9.89
Maine.....	8	16	5.8	52.3	44.8	85.7	.335	17.42	14.93
Maryland and Virginia.....	6	10	5.4	49.3	44.1	89.5	.214	10.55	9.45
Massachusetts.....	23	98	5.6	48.0	42.3	88.1	.337	16.18	14.27
Michigan.....	2	4	4.5	48.8	30.5	62.5	.285	13.91	8.70
Minnesota.....	2	3	5.3	49.5	46.9	94.7	.287	14.21	13.48
Missouri.....	6	48	5.1	49.0	42.3	84.8	.232	11.58	9.80
New Hampshire.....	7	20	4.9	48.4	38.1	78.7	.331	16.02	12.60
New Jersey.....	2	2	5.0	48.3	41.0	84.9	.244	11.79	10.00
New York.....	13	81	4.5	48.5	33.9	69.9	.360	17.46	12.18
Ohio.....	4	9	5.9	49.8	49.2	98.8	.286	14.24	14.09
Pennsylvania.....	7	16	5.4	50.7	45.3	89.3	.234	11.86	10.60
Tennessee.....	4	13	4.8	48.8	37.0	75.8	.284	13.86	10.51
Wisconsin.....	6	45	5.6	49.5	37.4	75.6	.301	14.90	11.27
Total.....	98	402	5.3	49.1	40.7	82.9	.308	15.12	12.55
<b>Sock liners (including heel-lining, heel pad, and heel-pin pasters), male:</b>									
Maryland and Virginia.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	3	3	5.7	48.7	47.1	96.7	.552	26.88	26.00
Missouri.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Ohio.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	2	4	6.0	53.1	48.2	90.8	.173	9.19	8.33
Tennessee.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	10	14	5.6	49.8	45.1	90.6	.333	16.58	15.02

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Sock liners (including heel-lining, heel-pad, and heel-pin pasters), female:</b>									
Illinois.....	5	19	5.5	49.4	47.5	96.2	\$0.253	\$12.50	\$12.03
Kentucky.....	3	4	5.8	53.3	51.3	96.2	.220	11.73	11.29
Maine.....	8	17	6.0	53.1	47.9	90.2	.281	14.92	13.46
Maryland and Virginia.....	5	10	5.7	49.2	42.2	85.8	.200	9.84	8.42
Massachusetts.....	45	88	5.5	47.9	40.8	85.2	.353	16.91	14.37
Michigan.....	4	5	4.8	49.5	38.4	77.6	.281	13.91	10.80
Minnesota.....	3	3	5.7	50.2	49.7	99.0	.257	12.90	12.78
Missouri.....	7	23	5.4	49.2	46.0	93.5	.290	14.27	13.33
New Hampshire.....	7	15	4.7	48.4	36.3	75.0	.322	15.58	11.69
New Jersey.....	3	3	5.0	46.8	39.8	85.0	.428	20.03	17.03
New York.....	19	61	5.1	47.8	37.2	77.8	.356	17.02	13.25
Ohio.....	7	23	5.2	48.0	41.4	86.3	.290	13.92	12.01
Pennsylvania.....	7	17	5.2	50.4	40.9	81.2	.244	12.30	10.00
Tennessee.....	3	4	5.3	50.0	40.0	80.0	.265	13.30	10.65
Wisconsin.....	7	16	5.6	49.0	39.5	80.6	.331	16.22	13.05
Total.....	133	308	5.4	48.7	41.2	84.6	.314	15.29	12.93
<b>Lacers (before packing), female:</b>									
Illinois.....	5	15	4.5	49.5	38.9	78.6	.268	13.27	10.42
Kentucky.....	2	3	5.3	52.0	46.7	89.8	.211	10.97	9.83
Maine.....	4	5	6.0	53.2	41.6	78.2	.205	10.91	8.50
Maryland and Virginia.....	5	9	5.4	49.6	43.2	87.1	.181	8.98	7.82
Massachusetts.....	27	53	5.7	47.9	43.0	89.8	.285	13.65	12.27
Michigan.....	3	3	5.0	49.2	36.3	73.8	.277	13.63	10.04
Minnesota.....	2	3	6.0	48.7	53.0	108.8	.236	11.49	12.53
Missouri.....	7	18	5.2	49.7	43.0	86.5	.269	10.39	8.99
New Hampshire.....	6	10	5.5	48.2	43.8	90.9	.249	12.00	10.90
New Jersey.....	2	2	5.5	48.3	44.3	91.7	.324	15.65	14.34
New York.....	15	27	5.0	48.2	37.0	76.8	.348	16.77	12.87
Ohio.....	7	14	5.2	47.8	40.3	84.3	.269	12.66	10.82
Pennsylvania.....	8	14	5.4	51.0	45.6	89.4	.206	10.51	9.38
Tennessee.....	3	7	4.9	49.3	40.4	81.9	.263	12.97	10.63
Wisconsin.....	7	16	5.6	49.3	30.5	61.9	.292	14.40	8.93
Total.....	103	199	5.4	48.9	40.9	83.6	.266	13.01	10.87
<b>Packers, male:</b>									
Maine.....	2	5	6.0	52.4	56.0	106.9	.401	21.01	22.46
Massachusetts.....	5	7	5.3	48.9	35.1	71.8	.329	16.09	11.67
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New York.....	4	11	5.2	48.2	39.2	81.3	.536	25.84	21.02
Ohio.....	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Wisconsin.....	1	4	6.0	48.0	37.1	77.3	.541	25.97	20.09
Total.....	14	29	5.5	49.1	41.3	84.1	.459	22.54	18.96
<b>Packers, female:</b>									
Illinois.....	5	18	5.8	49.3	49.3	100.0	.254	12.52	12.51
Kentucky.....	3	7	5.6	54.1	50.7	93.7	.182	9.85	9.25
Maine.....	7	21	6.0	52.9	50.4	95.3	.288	15.24	14.51
Maryland and Virginia.....	6	9	5.2	49.4	42.9	86.8	.230	11.36	9.87
Massachusetts.....	47	175	5.5	48.0	42.3	88.1	.352	16.90	14.89
Michigan.....	4	6	4.8	49.6	38.1	76.8	.260	12.90	9.91
Minnesota.....	4	6	5.7	49.1	47.8	97.4	.273	13.40	13.06
Missouri.....	9	27	5.3	49.3	44.6	90.5	.259	12.77	11.55
New Hampshire.....	7	38	4.6	48.5	35.3	72.8	.320	15.52	11.29
New Jersey.....	3	5	5.2	47.4	39.4	83.1	.337	15.97	13.28
New York.....	16	34	5.2	47.9	39.9	83.3	.340	16.29	13.56
Ohio.....	6	18	5.1	48.5	41.3	85.2	.313	15.18	12.91
Pennsylvania.....	8	16	5.5	50.6	45.0	88.9	.253	12.80	11.38
Tennessee.....	4	8	5.3	50.0	38.6	77.2	.286	14.30	11.03
Wisconsin.....	9	21	5.3	49.4	39.2	79.4	.299	14.77	11.71
Total.....	138	400	5.4	48.8	42.3	86.7	.315	15.37	13.31

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## ALL DEPARTMENTS

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>Other employees, male:</b>									
Illinois	6	378	5.6	49.0	47.1	96.1	\$0.368	\$18.03	\$17.30
Kentucky	3	80	5.4	52.7	47.2	89.6	.370	19.50	17.44
Maine	8	384	5.8	53.3	48.1	90.2	.379	20.20	18.19
Maryland and Virginia	7	191	5.6	48.8	42.6	87.3	.297	14.49	12.64
Massachusetts	59	1,922	5.6	48.2	42.7	88.6	.483	23.28	20.63
Michigan	4	80	4.7	49.7	38.5	77.5	.503	25.00	19.37
Minnesota	4	49	5.5	50.4	46.7	92.7	.454	22.88	21.20
Missouri	11	1,292	4.6	48.7	38.4	78.9	.450	21.92	17.32
New Hampshire	8	313	5.1	48.3	39.6	82.0	.374	18.06	14.80
New Jersey	3	86	4.9	45.1	33.0	73.2	.609	27.47	20.10
New York	19	1,516	5.0	47.9	38.2	79.7	.467	22.37	17.82
Ohio	7	395	5.2	48.4	41.8	86.4	.426	20.62	17.79
Pennsylvania	12	778	5.4	51.1	36.7	71.8	.370	18.91	13.66
Tennessee	4	97	5.0	48.5	39.5	81.4	.364	17.65	14.38
Wisconsin	9	292	5.4	49.7	37.7	75.9	.448	22.27	16.88
Total	164	7,853	5.2	48.9	40.5	82.8	.437	21.37	17.73
<b>Other employees, female:</b>									
Illinois	6	339	5.3	49.2	45.5	92.5	.256	12.60	11.66
Kentucky	3	35	5.4	51.7	46.6	90.1	.216	11.17	10.07
Maine	8	238	5.7	53.4	47.7	89.3	.260	13.88	12.41
Maryland and Virginia	6	62	5.6	48.8	46.7	95.7	.237	11.57	11.08
Massachusetts	51	866	5.5	47.9	41.4	86.4	.367	17.58	15.20
Michigan	4	38	4.7	49.8	37.9	76.1	.296	14.74	11.23
Minnesota	4	25	5.1	50.3	43.4	86.3	.310	15.59	13.43
Missouri	11	605	4.7	48.9	38.5	78.7	.270	13.20	10.38
New Hampshire	8	146	5.1	48.2	38.6	80.1	.255	12.29	9.85
New Jersey	3	29	4.7	44.9	29.3	65.3	.502	22.54	14.72
New York	18	644	5.0	48.5	38.3	79.0	.349	16.93	13.36
Ohio	7	239	5.3	48.5	43.1	88.9	.297	14.40	12.81
Pennsylvania	11	245	5.3	50.1	36.8	73.5	.245	12.27	9.03
Tennessee	4	49	4.9	48.6	35.7	75.5	.266	12.93	9.78
Wisconsin	8	246	5.4	49.0	32.8	66.9	.320	15.68	10.48
Total	152	3,806	5.2	48.9	40.3	82.4	.306	14.96	12.34
<b>All occupations, male:</b>									
Illinois	6	1,450	5.7	49.0	47.1	96.1	.427	20.92	20.11
Kentucky	3	343	5.4	53.0	47.4	89.4	.345	18.29	16.32
Maine	8	1,223	5.9	52.9	46.3	87.5	.447	23.65	20.99
Maryland and Virginia	7	848	5.6	48.9	43.4	88.8	.358	17.51	15.52
Massachusetts	59	7,663	5.6	48.3	41.2	85.3	.557	26.90	22.96
Michigan	4	337	4.8	49.5	37.3	75.4	.501	24.80	18.68
Minnesota	4	246	5.4	49.0	44.1	88.4	.417	20.81	18.37
Missouri	11	3,282	4.7	49.0	38.7	79.0	.473	23.18	18.29
New Hampshire	8	1,151	5.0	48.4	37.4	77.3	.439	21.25	16.43
New Jersey	3	277	4.8	46.0	32.2	70.0	.631	29.03	20.35
New York	19	5,548	5.0	47.6	37.6	79.0	.536	25.51	20.13
Ohio	7	1,617	5.1	48.1	40.2	83.6	.485	23.33	19.48
Pennsylvania	12	2,180	5.2	51.3	37.8	73.7	.408	20.93	15.44
Tennessee	4	481	5.0	49.4	37.9	76.7	.385	19.02	14.61
Wisconsin	9	1,400	5.5	49.9	36.8	73.7	.481	24.00	17.72
Total	164	28,046	5.2	48.9	40.0	81.8	.493	24.11	19.73
<b>All occupations, female:</b>									
Illinois	6	1,716	5.5	49.3	47.9	97.2	.272	13.41	13.01
Kentucky	3	323	5.4	52.7	47.1	89.4	.216	11.38	10.16
Maine	8	1,004	5.7	53.1	46.2	87.0	.299	15.88	13.80
Maryland and Virginia	7	580	5.6	48.9	46.9	95.9	.218	10.66	10.20
Massachusetts	51	5,710	5.5	47.9	41.0	85.6	.354	16.96	14.51
Michigan	4	207	4.9	49.5	36.3	73.3	.290	14.80	10.86
Minnesota	4	198	5.4	49.8	45.2	90.8	.279	13.89	12.59
Missouri	11	2,524	4.9	49.2	40.2	81.7	.273	13.43	10.99
New Hampshire	8	971	4.9	48.4	36.7	75.8	.291	14.08	10.70
New Jersey	3	151	4.8	46.6	31.1	66.9	.421	19.58	13.07
New York	19	3,655	5.0	48.4	38.1	78.7	.340	16.46	12.95

TABLE A.—Average number of days on which wage earners worked, average full-time and actual hours and earnings per week, average earnings per hour, and per cent of full time worked, 1932, by department, occupation, sex, and State—Con.

## ALL DEPARTMENTS—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in week	Average full-time hours per week	Average hours actually worked in week	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per week	Average amount actually earned in week
<b>All occupations, female—Contd.</b>									
Ohio.....	7	1,550	5.2	47.9	41.3	86.2	\$0.292	\$13.99	\$12.06
Pennsylvania.....	11	1,260	5.2	50.6	41.8	82.6	.248	12.55	10.35
Tennessee.....	4	437	4.8	48.9	35.6	72.8	.249	12.18	8.85
Wisconsin.....	9	1,334	5.4	49.2	35.6	72.4	.336	16.53	11.96
Total.....	155	21,620	5.3	48.9	40.8	83.4	.308	15.06	12.58
<b>All occupations, male and female:</b>									
Illinois.....	6	3,166	5.6	49.2	47.5	96.5	.342	16.33	16.26
Kentucky.....	3	666	5.4	52.8	47.2	89.4	.282	14.89	13.33
Maine.....	8	2,227	5.8	53.0	46.3	87.4	.380	20.14	17.59
Maryland and Virginia.....	7	1,428	5.6	48.9	44.8	91.6	.298	14.57	13.36
Massachusetts.....	59	13,373	5.5	48.1	41.1	85.4	.470	22.61	19.35
Michigan.....	4	544	4.8	49.5	36.9	74.5	.426	21.09	15.70
Minnesota.....	4	444	5.4	49.9	44.6	89.4	.354	17.66	15.79
Missouri.....	11	5,806	4.8	49.1	39.3	80.0	.384	18.85	15.12
New Hampshire.....	8	2,122	5.0	48.4	37.1	76.7	.372	18.00	13.81
New Jersey.....	3	428	4.8	46.2	31.8	68.8	.559	25.83	17.79
New York.....	19	9,203	5.0	47.9	37.8	78.9	.457	21.89	17.28
Ohio.....	7	3,167	5.1	48.0	40.7	84.8	.389	18.67	15.85
Pennsylvania.....	12	3,440	5.2	51.0	39.2	76.9	.346	17.65	13.57
Tennessee.....	4	918	4.9	49.2	36.8	74.8	.322	15.84	11.87
Wisconsin.....	9	2,734	5.4	49.5	36.2	73.1	.412	20.39	14.91
Total.....	164	49,666	5.3	48.9	40.4	82.6	.412	20.15	16.62

TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State

CUTTING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—															
				Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over	
<b>Cutters, vamp and whole shoe, hand, male:</b>																			
Illinois.....	4	123	\$0.553			2	6	7	16	21	17	24	18	12	5				
Kentucky.....	3	25	.462					2	3	10	6	3	1						
Maine.....	7	110	.533				1	1	16	27	39	15	5	5	1				
Maryland and Virginia.....	4	61	.477					5	17	16	11	6	3	3					
Massachusetts.....	42	709	.695					2	22	60	98	129	280	60	35	21	2		
Michigan.....	2	12	.508						1	4	7								
Minnesota.....	3	19	.470				1		3	6		2							
Missouri.....	8	116	.799						1		10	20	35	17	15	16	2		
New Hampshire.....	6	56	.508					1	11	16	13	13	2						
New Jersey.....	3	25	.772						1	2	3	6	6	3	1	2	1		
New York.....	19	415	.713						11	35	70	94	69	68	41	23	3		1
Ohio.....	5	118	.549					1	16	27	37	19	15	3					
Pennsylvania.....	9	129	.526			1	3	3	21	27	39	22	9	6	1				
Tennessee.....	2	4	.543						1	1	1	1	1	1					
Wisconsin.....	8	105	.549					1	18	21	17	16	23	9					
<b>Total.....</b>	<b>125</b>	<b>2,032</b>	<b>.634</b>			<b>2</b>	<b>9</b>	<b>23</b>	<b>158</b>	<b>273</b>	<b>374</b>	<b>370</b>	<b>466</b>	<b>187</b>	<b>99</b>	<b>62</b>	<b>8</b>		<b>1</b>
<b>Skivers, upper, male:</b>																			
Kentucky.....	1	(1)	(1)		(1)														
Maine.....	3	4	.525						1	1	1		1						
Maryland and Virginia.....	3	5	.258				2	2											
Massachusetts.....	16	28	.620						3	2	5	12	4	1	2				
Michigan.....	2	5	.404						2	1									
New Hampshire.....	3	3	.438		1				1			1							
New York.....	4	10	.770							2	1		2	1	2	1			
Pennsylvania.....	4	7	.288		1			3	2	1									
<b>Total.....</b>	<b>36</b>	<b>63</b>	<b>.537</b>		<b>3</b>		<b>2</b>	<b>5</b>	<b>11</b>	<b>7</b>	<b>8</b>	<b>13</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>1</b>			
<b>Skivers, upper, female:</b>																			
Illinois.....	5	56	.316		4	7	7	4	19	13	1	1							
Kentucky.....	2	12	.227			2	7	2	1										
Maine.....	8	19	.421					2	9	2	5	1							

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State—Continued

## CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—													
				Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40
<b>Skivers, upper, female—Continued.</b>																	
Maryland and Virginia.....	5	13	\$.269	-----	1	3	2	3	2	2	-----	-----	-----	-----	-----	-----	-----
Massachusetts.....	38	145	.465	-----	1	5	3	12	29	37	22	35	1	-----	-----	-----	-----
Michigan.....	3	7	.267	-----	-----	-----	2	2	3	-----	-----	-----	-----	-----	-----	-----	-----
Minnesota.....	3	11	.273	-----	-----	-----	1	7	3	-----	-----	-----	-----	-----	-----	-----	-----
Missouri.....	9	66	.320	-----	4	4	13	12	19	10	3	1	-----	-----	-----	-----	-----
New Hampshire.....	7	37	.299	-----	-----	-----	4	13	6	5	9	-----	-----	-----	-----	-----	-----
New Jersey.....	3	7	.532	-----	-----	-----	-----	-----	1	2	1	3	-----	-----	-----	-----	-----
New York.....	17	98	.390	-----	1	2	6	20	31	17	12	5	3	1	-----	-----	-----
Ohio.....	7	63	.297	-----	5	2	6	23	22	5	-----	-----	-----	-----	-----	-----	-----
Pennsylvania.....	9	41	.276	-----	1	3	7	10	4	11	5	-----	-----	-----	-----	-----	-----
Tennessee.....	4	22	.206	-----	4	4	4	2	3	5	-----	-----	-----	-----	-----	-----	-----
Wisconsin.....	9	75	.335	-----	-----	-----	5	23	31	14	2	-----	-----	-----	-----	-----	-----
Total.....	129	672	.354	5	23	40	77	123	191	116	46	46	4	1	-----	-----	-----

## FITTING OR STITCHING DEPARTMENT

<b>Cementers and doublers, hand and machine (including reinforcers, pasters, fitters), male:</b>																	
Maine.....	1	(1)	(1)	-----	-----	-----	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Maryland and Virginia.....	1	4	\$.114	-----	3	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Massachusetts.....	1	(1)	(1)	-----	-----	-----	-----	-----	-----	(1)	-----	-----	-----	-----	-----	-----	-----
New Hampshire.....	1	(1)	(1)	-----	-----	-----	-----	-----	-----	-----	(1)	-----	-----	-----	-----	-----	-----
New Jersey.....	1	(1)	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	(1)	-----
New York.....	3	17	.476	-----	-----	-----	1	-----	2	7	5	2	-----	-----	-----	-----	-----
Total.....	8	26	.440	3	-----	1	2	-----	2	8	7	2	-----	-----	-----	1	-----
<b>Cementers and doublers, hand and machine (including reinforcers, pasters, fitters), female:</b>																	
Illinois.....	5	138	.179	35	27	35	15	12	9	4	1	-----	-----	-----	-----	-----	-----
Kentucky.....	3	35	.178	7	8	7	7	3	3	-----	-----	-----	-----	-----	-----	-----	-----
Maine.....	7	69	.261	4	4	13	11	13	16	7	1	-----	-----	-----	-----	-----	-----

Maryland and Virginia.....	5	46	.148	19	9	7	7	2	2										
Massachusetts.....	48	384	.287	22	41	43	60	64	88	47	15	4							
Michigan.....	2	5	.265				2	2	1										
Minnesota.....	4	11	.242		1	1	1	1	1										
Missouri.....	9	190	.231	1	18	51	63	35	16	6									
New Hampshire.....	7	52	.230		6	19	12	7	7	1									
New Jersey.....	3	21	.358					5	10	4	2								
New York.....	19	373	.269	22	44	46	61	51	78	48	20	2	1						
Ohio.....	7	100	.255		6	17	34	18	20	4	1								
Pennsylvania.....	9	118	.209	9	15	17	46	22	8	1									
Tennessee.....	4	33	.206	1	6	9	6	7	3	1									
Wisconsin.....	8	63	.288				5	30	26	2									
<b>Total.....</b>	<b>140</b>	<b>1,638</b>	<b>.247</b>	<b>120</b>	<b>185</b>	<b>265</b>	<b>330</b>	<b>278</b>	<b>288</b>	<b>125</b>	<b>40</b>	<b>6</b>	<b>1</b>						
<b>Lining makers (including lining closers and side and top facing stitchers), female:</b>																			
Illinois.....	5	65	.295		7	7	13	7	13	15	3								
Kentucky.....	3	13	.223		2	3	1	5	2										
Maine.....	8	42	.287	1	2	8	6	5	13	7									
Maryland and Virginia.....	5	28	.237	3	3	8	4	2	4	4									
Massachusetts.....	49	288	.355	2	5	10	21	46	124	62	13	5							
Michigan.....	4	9	.264				4	2	3										
Minnesota.....	3	10	.258			2	3	3	2										
Missouri.....	9	124	.260	1	6	9	46	33	26	2	1								
New Hampshire.....	7	49	.275		1	10	9	6	21	2									
New Jersey.....	3	8	.400				1	1	6	2									
New York.....	19	170	.345		4	7	21	32	53	35	12	3	2	1					
Ohio.....	7	58	.288		3	7	9	13	23	3									
Pennsylvania.....	9	77	.245	7	5	12	16	13	22	2									
Tennessee.....	4	23	.284		2	1	6	7	4	2	1								
Wisconsin.....	8	40	.361				1	9	16	4	10								
<b>Total.....</b>	<b>143</b>	<b>1,004</b>	<b>.310</b>	<b>14</b>	<b>40</b>	<b>84</b>	<b>161</b>	<b>183</b>	<b>327</b>	<b>144</b>	<b>40</b>	<b>8</b>	<b>2</b>	<b>1</b>					
<b>Top stitchers (including undertrimmers and barber trimmers), male:</b>																			
Maine.....	2	2	.622						1					1					
Maryland and Virginia.....	2	4	.435				1	1		2		1							
Massachusetts.....	21	61	.640				1	1	7	6	12	13	3	8	5	5			
Missouri.....	2	2	.368						1	1									
New York.....	5	33	.657						2	4	9	7	5	4	1	1			
Pennsylvania.....	2	13	.415					1	5	4	3								
<b>Total.....</b>	<b>34</b>	<b>115</b>	<b>.603</b>				<b>1</b>	<b>2</b>	<b>1</b>	<b>16</b>	<b>17</b>	<b>24</b>	<b>21</b>	<b>8</b>	<b>13</b>	<b>6</b>	<b>6</b>		

† For less than 3 wage earners in 1 establishment, data included in total.

TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State—Continued

## FITTING OR STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—														
				Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over
<b>Top stitchers (including undertrimmers and barber trimmers), female:</b>																		
Illinois.....	5	96	\$.324		1	8	23	13	28	14	7	1		1				
Kentucky.....	3	24	.231		3	5	5	9	2									
Maine.....	8	70	.329		1	7	17	30	13		1		1					
Maryland and Virginia.....	5	36	.219	5	6	6	6	5	7	1								
Massachusetts.....	47	379	.382	1	5	12	35	63	127	73	31	23	8	1				
Michigan.....	4	22	.327				1	6	12	3								
Minnesota.....	3	14	.258			3	4	3	3	1								
Missouri.....	9	188	.294	3	4	5	39	57	64	16								
New Hampshire.....	7	90	.327		3	3	17	12	27	25	3							
New Jersey.....	3	6	.464						2	3		1						
New York.....	14	241	.373	2	5	9	18	26	72	75	24	9	1					
Ohio.....	7	101	.305		2	7	19	26	30	16	1							
Pennsylvania.....	9	78	.308		3	4	17	16	27	9	2							
Tennessee.....	4	26	.281		2	4	7	6	3	4								
Wisconsin.....	9	78	.378				1	12	33	23	4	5						
<b>Total.....</b>	<b>137</b>	<b>1,449</b>	<b>.338</b>	<b>11</b>	<b>34</b>	<b>67</b>	<b>199</b>	<b>271</b>	<b>467</b>	<b>276</b>	<b>73</b>	<b>39</b>	<b>10</b>	<b>2</b>				
<b>Vampers, male:</b>																		
Illinois.....	1	(1)	(1)										(1)	(1)				
Kentucky.....	1	(1)	(1)		(1)													
Maine.....	4	7	.505					3		3				1				
Maryland and Virginia.....	4	13	.380	1	1	1		2	1	2	4		1					
Massachusetts.....	36	179	.601				2	3	20	28	39	40	26	12	7	1	1	
Minnesota.....	1	(1)	(1)					(1)										
Missouri.....	3	9	.373					1	5	3								
New Hampshire.....	4	9	.392						5	3		1						
New Jersey.....	1	(1)	(1)							(1)								
New York.....	7	35	.649					1	5	7	6	4	4	6		1		1
Pennsylvania.....	2	13	.542						4	4	6	3						
Wisconsin.....	3	12	.456					1	4			5	2					
<b>Total.....</b>	<b>67</b>	<b>283</b>	<b>.569</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>45</b>	<b>47</b>	<b>60</b>	<b>53</b>	<b>34</b>	<b>19</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>1</b>



TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State—Continued

## LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—														
				Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents, under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over
<b>Bed-machine operators, male:</b>																		
Illinois.....	5	106	\$0.438			2	12	18	14	21	17	16	3	3				
Kentucky.....	3	18	.344				4		9	4	1							
Maine.....	8	58	.492		1	1	3		12	15	11				1			
Maryland and Virginia.....	6	51	.370		1		2	7	26	11			1					
Massachusetts.....	40	372	.596				3	4	30	83	89	67	55	29	10	2		
Michigan.....	4	25	.448						8	11	5		1					
Minnesota.....	3	13	.497					1	3	3	9							
Missouri.....	8	144	.472				2	2	24	78	18	16	4	1		1		
New Hampsh.re.....	7	74	.439		1	2	12	20	14	14	14	4		1		2		
New Jersey.....	2	9	.734										4					
New York.....	17	212	.567				1	7	24	38	52	39	28	16	7			
Ohio.....	7	75	.523		1	1	1	2	9	22	25	13	3					
Pennsylvania.....	9	66	.433		1	2	2	6	21	20	14	3	1					
Tennessee.....	4	33	.401						12		6	4	2	1				
Wisconsin.....	9	99	.526						10	35	22	8	24					
<b>Total.....</b>	<b>132</b>	<b>1,355</b>	<b>.515</b>		<b>2</b>	<b>7</b>	<b>32</b>	<b>60</b>	<b>219</b>	<b>356</b>	<b>290</b>	<b>191</b>	<b>124</b>	<b>51</b>	<b>18</b>	<b>5</b>		
<b>Turn lasters, hand (including first and second lasters), male:</b>																		
Maryland and Virginia.....	1	5	.753								1	1	1	1	1			
Massachusetts.....	5	108	.538					3	9	25	29	17	25					
Minnesota.....	1	8	.295					1	2	2								
Missouri.....	1	16	.497						1	9	4	2						
New Jersey.....	1	(1)	(1)									(1)						
New York.....	5	292	.552			3	1	7	36	72	78	54	28	7	4	2		
Ohio.....	1	(1)	(1)								(1)							
Pennsylvania.....	2	101	.558						2	17	50	28	3	1				
Wisconsin.....	1	8	.315					3	5									
<b>Total.....</b>	<b>18</b>	<b>541</b>	<b>.543</b>			<b>3</b>	<b>4</b>	<b>14</b>	<b>55</b>	<b>125</b>	<b>164</b>	<b>103</b>	<b>57</b>	<b>9</b>	<b>5</b>	<b>2</b>		



TABLE B.—Average and classified earnings per hour in 14 specified occupations, 1932, by department, sex, and State—Continued

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—														
				Under 12 cents	12, under 16 cents	16, under 20 cents	20, under 25 cents	25, under 30 cents	30, under 40 cents	40, under 50 cents	50, under 60 cents	60, under 70 cents	70, under 80 cents	80, under 90 cents	90 cents under \$1.00	\$1.00, under \$1.20	\$1.20, under \$1.40	\$1.40 and over
<b>Edge setters, male—Continued.</b>																		
Massachusetts	49	203	\$.631				2	4	15	24	44	59	24	15	13	3		
Michigan	4	7	.610							2	3	2	2					
Minnesota	3	6	.452							2	2							
Missouri	9	51	.467						2	30	6			3	1			
New Hampshire	7	37	.512				1	3	7	11	6			1	1			
New Jersey	3	9	.689						1	1	3	2		2				
New York	19	157	.550		2	9	4	12	34	35	33	17	8	2	1			
Ohio	7	61	.543					1	5	12	23	16	4					
Pennsylvania	9	49	.454					3	13	18	12	2		1				
Tennessee	4	11	.503				1	3	1	1	1			2	2			
Wisconsin	9	41	.645						1	1	11	7	17	4				
<b>Total</b>	<b>145</b>	<b>744</b>	<b>.551</b>			<b>2</b>	<b>18</b>	<b>22</b>	<b>108</b>	<b>153</b>	<b>157</b>	<b>137</b>	<b>80</b>	<b>41</b>	<b>22</b>	<b>4</b>		
<b>Treers, hand and machine, male:</b>																		
Illinois	3	44	.259		9	9	6	1	15	3		1						
Kentucky	3	14	.330				1	3	8	2								
Maine	8	70	.361	1			7	13	29	12	6	2						
Maryland and Virginia	6	35	.307		2	3	5	6	12	7								
Massachusetts	47	397	.512		1		4	11	63	120	107	62	14	13	1	1		
Michigan	4	14	.477						2	9	2	1						
Minnesota	3	8	.327			3	1		1	3								
Missouri	9	115	.404				1	4	58	35	10	5		2				
New Hampshire	7	50	.401		1	2	6	6	7	11	14	2	1	1				
New Jersey	3	9	.626						1			5	3					
New York	15	161	.419		1	1	10	31	35	37	29	8	7	2				
Ohio	4	40	.405					3	16	17	4							
Pennsylvania	9	50	.348		2	1	1	15	10	21	4							
Tennessee	4	11	.308				2	3	5	1								
Wisconsin	7	38	.505					1	4	8	9	15	1					
<b>Total</b>	<b>132</b>	<b>1,056</b>	<b>.433</b>	<b>1</b>	<b>16</b>	<b>19</b>	<b>44</b>	<b>97</b>	<b>266</b>	<b>286</b>	<b>181</b>	<b>101</b>	<b>26</b>	<b>17</b>	<b>1</b>	<b>1</b>		
<b>Treers, hand and machine, female:</b>																		
Illinois	3	59	.316		1	5	14	7	19	13								
Kentucky	1	(1)	(1)						(1)	(1)								

Maryland and Virginia.....	2	7	.241			1	4	1	1										
Massachusetts.....	2	13	.271		2	1	3	3	4										
Minnesota.....	3	6	.236				2	3											
Missouri.....	5	12	.331		1	1			5	3									
New York.....	9	47	.301				3	11	10	16	6	1							
Ohio.....	5	33	.317		1		1	9	21	1	1								
Pennsylvania.....	5	13	.258		2	4	1	1	4	1									
Tennessee.....	2	11	.318				1	4	5	1									
Wisconsin.....	4	46	.318				1	20	22	3									
Total.....	41	249	.305		8	15	40	58	98	29	1								
Repairers (not cobblers) (including tip fixers and scourers), male:																			
Kentucky.....	1	( <sup>1</sup> )	( <sup>1</sup> )				( <sup>1</sup> )												
Maine.....	3	5	.460						2	3									
Massachusetts.....	6	9	.484						i	3	1								
Michigan.....	2	2	.466						1	1									
Missouri.....	3	4	.473				1			1	2								
New Hampshire.....	2	3	.406				1			2									
New Jersey.....	2	3	.765								1				1		1		
New York.....	9	19	.673					1	3	1	3	8		3					
Ohio.....	3	5	.418						1	4									
Pennsylvania.....	6	10	.450			1			3	1	4	1							
Tennessee.....	2	2	.308					1	1										
Wisconsin.....	1	( <sup>1</sup> )	( <sup>1</sup> )									( <sup>1</sup> )							
Total.....	40	65	.524			1	3	2	12	12	13	9	8	4	1				
Repairers (not cobblers) (including tip fixers and scourers), female:																			
Illinois.....	5	37	.280			2	10	8	16	1									
Kentucky.....	3	7	.272		1		1			3									
Maine.....	7	32	.334			1	5	5	10	8	2								
Maryland and Virginia.....	6	38	.238		3	3	6	9	10	7									
Massachusetts.....	47	118	.393		1	3	4	16	76	61	24	2	1						
Michigan.....	2	3	.267					3											
Minnesota.....	3	4	.281					3	1										
Missouri.....	9	51	.287			3	9	19	19	1									
New Hampshire.....	7	50	.298		1	6	6	6	29	1	1								
New Jersey.....	1	( <sup>1</sup> )	( <sup>1</sup> )			( <sup>1</sup> )													
New York.....	18	71	.357			3	12	18	15	14	5	2	2						
Ohio.....	6	31	.330			2	2	4	17	6									
Pennsylvania.....	7	33	.281		1	2	1	5	10	14									
Tennessee.....	3	6	.358					1	1	3	1								
Wisconsin.....	7	38	.343				1	18	13	3	3								
Total.....	131	590	.333		4	9	30	65	121	220	98	33	7	3					

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State

				CUTTING DEPARTMENT										
Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
				<b>Cutters, vamp and whole shoe, hand, male:</b>										
Illinois	4	128	48.7					81		47				
Kentucky	3	25	52.6							17		2		6
Maine	7	110	53.0							27			83	
Maryland and Virginia	4	61	48.9					35	9	5				
Massachusetts	42	709	48.5			14		517	12	166		12		
Michigan	2	12	50.0							12				
Minnesota	3	19	48.4						15					
Missouri	8	116	48.1						110					
New Hampshire	3	36	48.5						41					
New Jersey	3	25	44.7									2		
New York	19	415	47.8		23									
Ohio	5	118	49.7					213	6	114				
Pennsylvania	9	129	51.1			4			30	84				
Tennessee	2	4	50.0			2			43	22		19	30	15
Wisconsin	8	105	49.8						57					19
<b>Total</b>	<b>125</b>	<b>2,032</b>	<b>48.9</b>	<b>105</b>		<b>6</b>	<b>14</b>	<b>1,112</b>	<b>57</b>	<b>548</b>	<b>35</b>	<b>113</b>	<b>36</b>	<b>6</b>
<b>Skivers, upper, male:</b>														
Kentucky	1	(1)	(1)											(1)
Maine	3	4	52.0							2			2	
Maryland and Virginia	3	5	48.9						3			1		
Massachusetts	16	28	48.4						22	6				
Michigan	2	5	50.0							5				
New Hampshire	3	3	48.7						2	1				
New York	4	10	44.0		10									
Pennsylvania	4	7	49.3						5	1				1
<b>Total</b>	<b>36</b>	<b>63</b>	<b>48.4</b>	<b>10</b>				<b>32</b>		<b>16</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>Skivers, upper, female:</b>														
Illinois	5	56	48.9						31		25			
Kentucky	2	12	51.8							5	7			
Maine	8	19	51.9							10			9	
Maryland and Virginia	5	13	48.8						8	1	1	3		
Massachusetts	38	145	47.9	1			9	135						
Michigan	3	7	49.3				2			5				
Minnesota	3	11	50.0						5		2	4		
Missouri	9	66	49.4						19		47			
New Hampshire	7	37	48.5						27		10			
New Jersey	3	7	45.2	6								1		
New York	17	98	48.3	8					50	32	8			
Ohio	7	63	47.8			27				6	30			
Pennsylvania	9	41	51.2						4		21	4	12	
Tennessee	4	22	50.5			8					4			10
Wisconsin	9	75	49.4						23		52			
<b>Total</b>	<b>129</b>	<b>672</b>	<b>48.9</b>	<b>15</b>		<b>35</b>	<b>11</b>	<b>302</b>	<b>39</b>	<b>220</b>	<b>19</b>	<b>21</b>	<b>10</b>	

## FITTING OR STITCHING DEPARTMENT

<b>Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), male:</b>														
Maine	1	(1)	(1)											(1)
Maryland and Virginia	1	4	50.5							4				
Massachusetts	1	(1)	(1)						(1)					
New Hampshire	1	(1)	(1)						(1)					
New Jersey	1	(1)	(1)											(1)
New York	3	17	44.2	16					1					
<b>Total</b>	<b>8</b>	<b>26</b>	<b>46.0</b>	<b>17</b>					<b>4</b>		<b>4</b>			<b>1</b>

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State—Continued

CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
<b>Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), female:</b>														
Illinois	5	138	49.6					25		113				
Kentucky	3	35	53.8							9	18			8
Maine	7	69	52.7							22		47		
Maryland and Virginia	5	46	48.6					33	1	4	8			
Massachusetts	48	384	47.9	1			29	354						
Michigan	2	5	49.5				1			4				
Minnesota	4	11	49.5					5		4	2			
Missouri	9	190	49.5					46		144				
New Hampshire	7	52	48.3					44		8				
New Jersey	3	21	44.8	19							2			
New York	19	373	48.2	51				153	155	14				
Ohio	7	100	47.8			42			13	45				
Pennsylvania	9	118	50.5					31		49	18	20		
Tennessee	4	33	48.2			18				9			6	
Wisconsin	8	63	49.5					16		47				
<b>Total</b>	<b>140</b>	<b>1,638</b>	<b>48.9</b>	<b>71</b>		<b>60</b>	<b>30</b>	<b>707</b>	<b>169</b>	<b>472</b>	<b>48</b>	<b>67</b>	<b>6</b>	<b>8</b>
<b>Lining makers (including lining closers and side and top facing stitchers), female:</b>														
Illinois	5	65	48.9					36		29				
Kentucky	3	13	52.7							6	5			2
Maine	8	42	53.0							11		31		
Maryland and Virginia	5	28	49.3					12	2	4	10			
Massachusetts	49	288	47.9	2			9	277						
Michigan	4	9	49.4							7				
Minnesota	3	10	49.5				2			3	2			
Missouri	9	124	49.6					25		99				
New Hampshire	7	49	48.6					35		14				
New Jersey	3	8	47.2	5							3			
New York	19	170	48.4	10				93	58	9				
Ohio	7	58	47.7					26	7	25				
Pennsylvania	9	77	50.5					26		21	14	16		
Tennessee	4	23	48.7			12				5			6	
Wisconsin	8	40	49.1					18		22				
<b>Total</b>	<b>143</b>	<b>1,004</b>	<b>48.9</b>	<b>17</b>		<b>12</b>	<b>11</b>	<b>553</b>	<b>67</b>	<b>255</b>	<b>34</b>	<b>47</b>	<b>6</b>	<b>2</b>
<b>Top stitchers (including under trimmers and barber trimmers), male:</b>														
Maine	2	2	52.0							1		1		
Maryland and Virginia	2	4	50.5								4			
Massachusetts	21	61	48.3					50	2	9				
Missouri	2	2	49.0					1		1				
New York	5	33	44.0	33										
Pennsylvania	2	13	48.0					13						
<b>Total</b>	<b>34</b>	<b>115</b>	<b>47.2</b>	<b>33</b>				<b>64</b>	<b>2</b>	<b>11</b>	<b>4</b>	<b>1</b>		
<b>Top stitchers (including under trimmers and barber trimmers), female:</b>														
Illinois	5	96	49.3					34		62				
Kentucky	3	24	52.5							11	10			3
Maine	8	70	53.1							16		54		
Maryland and Virginia	5	36	48.8					23	2	3	8			
Massachusetts	47	379	47.9	4			30	345						
Michigan	4	22	49.7				3			19				
Minnesota	3	14	50.1					3		8	3			
Missouri	9	188	49.4					52		136				
New Hampshire	7	90	48.5					68		22				
New Jersey	3	6	46.8	4							2			
New York	14	241	48.6					143	93	5				
Ohio	7	101	47.7			44			16	41				
Pennsylvania	9	78	50.9					22		21	15	20		
Tennessee	4	26	48.8			10				12			4	
Wisconsin	9	78	49.2					31		47				
<b>Total</b>	<b>137</b>	<b>1,449</b>	<b>49.0</b>	<b>8</b>		<b>54</b>	<b>33</b>	<b>721</b>	<b>111</b>	<b>403</b>	<b>38</b>	<b>74</b>	<b>4</b>	<b>3</b>

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State—Continued

## CUTTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
<b>Vampers, male:</b>														
Illinois.....	1	(1)	(1)					(1)						
Kentucky.....	1	(1)	(1)							(1)				
Maine.....	4	7	51.7							4			3	
Maryland and Virginia.....	4	13	49.3					6		1		6		
Massachusetts.....	36	179	48.2				4	147	14	14				
Minnesota.....	1	(1)	(1)									(1)		
Missouri.....	3	9	48.7					6		3				
New Hampshire.....	4	9	48.0					9						
New Jersey.....	1	(1)	(1)	(1)										
New York.....	7	35	46.3	15				20						
Pennsylvania.....	2	13	48.0					13						
Wisconsin.....	3	12	49.3					7		4				1
<b>Total.....</b>	<b>67</b>	<b>283</b>	<b>48.2</b>	<b>16</b>			<b>4</b>	<b>210</b>	<b>14</b>	<b>26</b>	<b>9</b>	<b>3</b>	<b>1</b>	
<b>Vampers, female:</b>														
Illinois.....	5	97	49.1					42		55				
Kentucky.....	3	22	53.0							9		9		4
Maine.....	3	39	51.8							21			18	
Maryland and Virginia.....	5	24	48.6					17	1	2		4		
Massachusetts.....	40	179	47.9	3			11	185						
Michigan.....	4	20	49.6				3			17				
Minnesota.....	4	13	49.2					8		3		2		
Missouri.....	9	124	49.7					16		108				
New Hampshire.....	7	72	48.5					55		17				
New Jersey.....	3	13	47.3	8								5		
New York.....	15	201	48.7	1				100	91	9				
Ohio.....	7	91	47.3						10	33				
Pennsylvania.....	8	78	51.0		48			9		41		10	18	
Tennessee.....	4	36	47.9			21				9				6
Wisconsin.....	9	88	49.3					29		59				
<b>Total.....</b>	<b>131</b>	<b>1,097</b>	<b>49.0</b>	<b>12</b>	<b>69</b>	<b>14</b>	<b>441</b>	<b>102</b>	<b>383</b>	<b>30</b>	<b>36</b>	<b>6</b>	<b>4</b>	

## LASTING DEPARTMENT

<b>Assemblers for pulling-over machine, m. le:</b>															
Illinois.....	4	39	48.8					23		16					
Kentucky.....	3	8	52.8							3		4			1
Maine.....	8	22	52.8							7			14		1
Maryland and Virginia.....	6	21	48.8					14	1	32		5			
Massachusetts.....	45	171	48.4				6	126	7						
Michigan.....	4	8	49.4					2		6					
Minnesota.....	3	6	49.8					3		1		2			
Missouri.....	3	71	49.4					22		49					
New Hampshire.....	7	15	48.5					11		4					
New Jersey.....	3	10	46.6	7								3			
New York.....	17	75	48.3	4				53	1	17					
Ohio.....	7	43	48.0			17			5	21					
Pennsylvania.....	9	35	52.4					4		6		4	19	2	
Tennessee.....	4	14	49.6			5				5				4	
Wisconsin.....	9	36	50.2					12		18					6
<b>Total.....</b>	<b>138</b>	<b>574</b>	<b>49.1</b>	<b>11</b>	<b>22</b>	<b>8</b>	<b>238</b>	<b>14</b>	<b>136</b>	<b>18</b>	<b>33</b>	<b>13</b>	<b>1</b>		
<b>Assemblers for pulling-over machine, female:</b>															
Illinois.....	1	8	50.0							8					
Massachusetts.....	8	11	48.0					11							
New Hampshire.....	4	12	48.3					10		2					
New York.....	3	12	49.5							12					
<b>Total.....</b>	<b>16</b>	<b>43</b>	<b>48.9</b>					<b>21</b>	<b>12</b>	<b>10</b>					

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State—Continued

LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
<b>Bed-machine operators, male:</b>														
Illinois	5	106	49.1				49		57					
Kentucky	3	18	53.5						4	11			3	
Maine	8	58	52.4						2		32	2		
Maryland and Virginia	6	51	48.7						2	12				
Massachusetts	40	372	48.2			9	321	8	34					
Michigan	4	25	49.5				5		20					
Minnesota	3	13	50.0				6		2	5				
Missouri	8	144	49.5				36		108					
New Hampshire	7	74	48.4				59		15					
New Jersey	2	9	44.0	9										
New York	17	212	48.6				119	2	80					
Ohio	7	75	47.5			36		9	30					
Pennsylvania	9	66	52.3						11	7	33	5		
Tennessee	4	33	49.4			13			11			9		
Wisconsin	9	99	49.9						37			12		
<b>Total</b>	<b>132</b>	<b>1,355</b>	<b>49.1</b>	<b>20</b>		<b>49</b>	<b>9</b>	<b>677</b>	<b>21</b>	<b>448</b>	<b>35</b>	<b>65</b>	<b>28</b>	<b>3</b>
<b>Turn lasters, hand (including first and second lasters), male:</b>														
Maryland and Virginia	1	5	49.5						5					
Massachusetts	5	108	49.6					21	87					
Minnesota	1	8	48.0					8						
Missouri	1	16	50.0						16					
New Jersey	1	(1)	(1)							(1)				
New York	5	292	44.2	276				16						
Ohio	1	(1)	(1)							(1)				
Pennsylvania	2	101	48.0					101						
Wisconsin	1	8	48.0					8						
<b>Total</b>	<b>18</b>	<b>541</b>	<b>46.4</b>	<b>276</b>				<b>154</b>	<b>5</b>	<b>105</b>	<b>1</b>			

BOTTOMING DEPARTMENT

<b>Goodyear stitchers, male:</b>														
Illinois	3	24	48.3					20		4				
Kentucky	1	3	53.0								3			
Maine	5	13	51.0						13	1		2	1	
Maryland and Virginia	5	18	48.6						1	3				
Massachusetts	22	118	48.0				6	104	5	3				
Michigan	4	8	49.4				2		6					
Minnesota	3	4	49.6					2		1	1			
Missouri	3	33	49.8					4		29				
New Hampshire	6	32	48.5					24		8				
New Jersey	3	6	46.8	4							2			
New York	15	99	48.6	4				56	1	38				
Ohio	6	28	47.3			15			1	12				
Pennsylvania	9	46	52.4					6		6	10	19	5	
Tennessee	4	17	49.1			7				6			4	
Wisconsin	6	37	50.1					10		22			5	
<b>Total</b>	<b>95</b>	<b>486</b>	<b>49.0</b>	<b>8</b>		<b>22</b>	<b>8</b>	<b>239</b>	<b>8</b>	<b>146</b>	<b>19</b>	<b>21</b>	<b>15</b>	
<b>Edge trimmers, male:</b>														
Illinois	5	48	49.0					24		24				
Kentucky	3	10	52.8							3	6			1
Maine	8	35	52.7							12		21	2	
Maryland and Virginia	6	30	48.9					19	1	2	8			
Massachusetts	49	226	48.4				7	167	12	40				
Michigan	4	11	49.3				3			8				
Minnesota	4	7	49.6					4		1	2			
Missouri	9	80	49.6					18		62				
New Hampshire	7	37	48.4					30		7				
New Jersey	3	5	47.4	3							2			
New York	19	154	48.5	11				85	1	57				

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State—Continued

## BOTTOMING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
				Edge trimmers, male—Con.										
Ohio.....	7	56	47.5			27			9	7	22			
Pennsylvania.....	9	51	52.5						5		6	23	8	
Tennessee.....	4	15	49.7			6			4				5	
Wisconsin.....	9	48	49.9					19	22				7	
Total.....	146	813	49.1	14	33	10	375	21	269	24	44	22	1	

## FINISHING DEPARTMENT

Edge setters, male:														
Illinois.....	5	49	48.9					27		22				
Kentucky.....	3	8	52.8							3	4			1
Maine.....	8	33	52.5						2	13		19	1	
Maryland and Virginia.....	6	22	49.0					12	2	2	6			
Massachusetts.....	49	203	48.3				6	156	9	33				
Michigan.....	4	7	49.6				1			6				
Minnesota.....	3	6	49.8					5		1	2			
Missouri.....	9	51	49.3					17		34				
New Hampshire.....	7	37	48.5					28		9				
New Jersey.....	3	9	45.8		6						3			
New York.....	19	157	48.3	20				76	1	60				
Ohio.....	7	61	48.0			24			7	30				
Pennsylvania.....	9	49	52.1					10		7	6	22	4	
Tennessee.....	4	11	49.5			5				2			4	
Wisconsin.....	9	41	49.7					16		21			4	
Total.....	145	744	49.0	26	29	7	344	19	243	21	41	13	1	
Treers, hand and machine, male:														
Illinois.....	3	44	49.6					9		35				
Kentucky.....	3	14	53.4							5	6			
Maine.....	8	70	53.1							17				3
Maryland and Virginia.....	6	35	48.9					21	3	3	8	51	2	
Massachusetts.....	47	397	48.5				5	280	16	96				
Michigan.....	4	14	49.5				3			11				
Minnesota.....	3	8	48.5					6		2				
Missouri.....	9	115	49.5					29		86				
New Hampshire.....	7	50	48.2					44		6				
New Jersey.....	3	9	44.9		8						1			
New York.....	15	161	48.2	33				46	2	80				
Ohio.....	4	40	49.9						10	30				
Pennsylvania.....	9	50	52.1					13		5	3	19	10	
Tennessee.....	4	11	50.9			2				5			4	
Wisconsin.....	7	38	50.2					18		11			9	
Total.....	132	1,056	49.3	41	2	8	466	31	392	18	70	25	3	
Treers, hand and machine, female:														
Illinois.....	3	59	49.0					30		29				
Kentucky.....	1	(1)	(1)								(1)			
Maryland and Virginia.....	2	7	50.2						2		5			
Massachusetts.....	2	13	48.0					13						
Minnesota.....	3	6	51.3					1		1	4			
Missouri.....	5	12	48.7					3		4				
New York.....	9	47	48.3					37		10				
Ohio.....	5	33	45.9			27			3	3				
Pennsylvania.....	5	13	51.6					1		4	6	2		
Tennessee.....	2	11	47.7			8							3	
Wisconsin.....	4	46	49.6					3		37				
Total.....	41	349	48.7			35	99	15	78	17	2	3		

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE C.—Average and classified full-time hours per week in 14 specified occupations, 1932, by department, sex, and State—Continued

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—										
				44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 54	54	55	60
<b>Repairers (not cobblers), (including tip fixers and scourers), male:</b>														
Kentucky.....	1	(1)	(1)										(1)	
Maine.....	3	5	51.6						3		2			
Massachusetts.....	6	9	48.0				9							
Michigan.....	2	2	50.0						2					
Missouri.....	3	4	48.5				3		1					
New Hampshire.....	2	3	48.7				2		1					
New Jersey.....	2	3	44.0	3										
New York.....	9	19	45.8	12			4		3					
Ohio.....	3	5	48.0		2				3					
Pennsylvania.....	6	10	50.5				5		1	1	1	2		
Tennessee.....	2	2	50.0			1						1		
Wisconsin.....	1	(1)	(1)				(1)							
<b>Total.....</b>	<b>40</b>	<b>65</b>	<b>48.2</b>	<b>15</b>	<b>3</b>	<b>25</b>	<b>14</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	
<b>Repairers (not cobblers), (including tip fixers and scourers), female:</b>														
Illinois.....	5	37	49.0				18		19					
Kentucky.....	3	7	52.7						3	3			1	
Maine.....	7	32	53.1						7		25			
Maryland and Virginia.....	6	38	48.7					26	2	1	9			
Massachusetts.....	47	188	47.9	1		9	178							
Michigan.....	2	3	49.2			1			2					
Minnesota.....	3	4	50.8				1		1	2				
Missouri.....	9	51	49.0				25		26					
New Hampshire.....	7	50	48.2				45		5					
New Jersey.....	1	(1)	(1)							(1)				
New York.....	18	71	48.2	7			37	25	2					
Ohio.....	6	31	48.3		10			5	16					
Pennsylvania.....	7	33	50.5				12		9	5	7			
Tennessee.....	3	6	48.3		3				2			1		
Wisconsin.....	7	38	49.6				7		31					
<b>Total.....</b>	<b>131</b>	<b>590</b>	<b>48.8</b>	<b>8</b>	<b>13</b>	<b>10</b>	<b>349</b>	<b>32</b>	<b>124</b>	<b>20</b>	<b>32</b>	<b>1</b>	<b>1</b>	

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

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TABLE D.—Average and classified hours actually worked in 1 week in 14 specified occupations, 1932, by department, sex, and State

## CUTTING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average hours actually worked in 1 week	Number of wage earners whose hours actually worked in 1 week were—																											
				Under 12	12, under 16	16, under 20	20, under 24	24, under 28	28, under 32	32, under 36	36, under 40	40	Over 40, under 44	44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 51	51, under 54	54	Over 54, under 57	57, under 60	60	Over 60				
<b>Cutters, vamp and whole shoe, hand, male:</b>																															
Illinois	4	128	49.5				1	1		1				18																	
Kentucky	3	25	51.7											1																	
Maine	7	110	48.4					2	7	7	6		8					2	3	7	2			11	34	16	4	6			
Maryland and Virginia	4	61	50.8								1		2					3	4	2	9			8	5	2	15	3			
Massachusetts	42	709	40.5	6	10	13	18	18	33	55	138	31	80	26	5	10	54	127	20	44	127	44		7	11	3					
Michigan	2	12	44.8								4								1		6										
Minnesota	3	19	42.8				4	1						1							7			4		1	1				
Missouri	8	116	35.7	1	1	4	14	13	7	23	13		4						1		32				2						
New Hampshire	6	56	35.6	10	1	1		3	1	3	1	1	15	2	3	1	5	7								1					
New Jersey	3	25	21.2	4	3			16																							
New York	19	415	34.4		27	41	33	28	17	52	60	8	22	15	6	35	34	15	4	11		1	3	1			1		1		
Ohio	5	118	44.2			1	1	2	1	4	10		35	1	1	10	1		24	11	2			14							
Pennsylvania	9	129	43.7	1			2		1	10	34	2	16	6	2	5	6		3	15				13	1	11					
Tennessee	2	4	44.3								2																1				
Wisconsin	8	105	36.7			1	29		5	18	3	1			2	3	6	9	1	20	7										
<b>Total</b>	<b>125</b>	<b>2,032</b>	<b>40.3</b>	<b>22</b>	<b>42</b>	<b>62</b>	<b>102</b>	<b>84</b>	<b>73</b>	<b>173</b>	<b>272</b>	<b>43</b>	<b>201</b>	<b>52</b>	<b>22</b>	<b>72</b>	<b>111</b>	<b>270</b>	<b>64</b>	<b>129</b>	<b>18</b>	<b>68</b>	<b>55</b>	<b>55</b>	<b>30</b>	<b>7</b>	<b>5</b>				
<b>Skivers, upper, male:</b>																															
Kentucky	1	(1)	(1)																										(1)		
Maine	3	4	48.5									1																			
Maryland and Virginia	3	5	44.9								1		2																		
Massachusetts	16	28	40.0	1	2		1				2	1	1	8				1		5		1									
Michigan	2	5	49.8								1													1	2	1					
New Hampshire	3	3	37.7					1					1																		
New York	4	10	42.6							3	2				1										2						2
Pennsylvania	4	7	33.0			1		1	1					1											1						
<b>Total</b>	<b>36</b>	<b>63</b>	<b>41.5</b>	<b>1</b>	<b>3</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>11</b>	<b>1</b>				<b>7</b>	<b>6</b>		<b>3</b>			<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>		
<b>Skivers, upper, female:</b>																															
Illinois	5	56	44.4					2		1	2	5	17		2	1	10	4	6	1	2	2							1		
Kentucky	2	12	43.1			1					2				2		3			4											
Maine	8	19	45.9						1	3	1																				
Maryland and Virginia	5	13	48.1								1		2																		
Massachusetts	38	145	42.3	3	2		6	1		5	2	4	57	3	2	1	20	37	2					1	1	2					



TABLE D.—Average and classified hours actually worked in 1 week in 14 specified occupations, 1932, by department, sex, and State—Con.

## FITTING OR STITCHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average hours actually worked in 1 week	Number of wage earners whose hours actually worked in 1 week were—																										
				Under 12	12, under 16	16, under 20	20, under 24	24, under 28	28, under 32	32, under 36	36, under 40	40	Over 40, under 44	44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 51	51, under 54	54	Over 54, under 57	57, under 60	60	Over 60			
<b>Lining makers (including lining closers and side and top facing stitchers), female:</b>																														
Illinois.....	5	65	45.1			1		3			6	3	1	19		3	1	1	7	2			5	2	2	4	2	5		
Kentucky.....	3	13	41.3				2		3	1	1																			
Maine.....	8	42	42.4	1		1	1	3	2	3	2	1	3	2	4	2	4	1	1	4	4		1	2	11	3	2			
Maryland and Virginia.....	5	28	45.2						2	1	3			6	1	1			2	1	4		2			2				
Massachusetts.....	49	288	41.1	3	1	7	9	5	8	21	48	12	23	6	3	2	2	33	103	4	1									
Michigan.....	4	9	39.0				2	2																						
Minnesota.....	3	10	47.1																4	2							2			
Missouri.....	9	124	38.6			3	7	16	4	6	25		11	1	2	7	4	9	6	15	10	1	1							
New Hampshire.....	7	49	31.9	9			7			11	6		10						6											
New Jersey.....	3	8	27.3		2		1		2	1	2	1	2	2	2	12	4	1	12											
New York.....	19	170	34.4		4	13	2	30	23	23	19	1	19	2	2	3	2	1	11	14				3						
Ohio.....	7	58	40.7				1	4	11	8	1	4	2	2	1	3	2	1	11	14										
Pennsylvania.....	9	77	40.0	3	1	2		8	1	5	9	4	8	8	1	4	8	1	2	6	1	11	2							
Tennessee.....	4	23	33.1				1	8	8										2	2						2				
Wisconsin.....	8	40	36.0		2		8		7	3	2		3			2	2		1	10										
<b>Total.....</b>	<b>143</b>	<b>1,004</b>	<b>39.1</b>	<b>16</b>	<b>10</b>	<b>27</b>	<b>32</b>	<b>87</b>	<b>73</b>	<b>89</b>	<b>120</b>	<b>19</b>	<b>106</b>	<b>17</b>	<b>13</b>	<b>33</b>	<b>72</b>	<b>122</b>	<b>54</b>	<b>49</b>	<b>5</b>	<b>35</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>5</b>			
<b>Top stitchers (including under trimmers and barber trimmers), male:</b>																														
Maine.....	2	2	52.0																		1				1					
Maryland and Virginia.....	2	4	50.5																			4								
Massachusetts.....	21	61	38.6		1	4	1	5	7	4	4	3	3	1		1	9	18												
Missouri.....	2	2	40.8																											
New York.....	5	33	42.7			1	2	1	1	3	2		2					7	1	3	1			9						
Pennsylvania.....	2	13	45.6														8	2				1								
<b>Total.....</b>	<b>34</b>	<b>115</b>	<b>41.3</b>		<b>1</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>3</b>	<b>7</b>	<b>1</b>		<b>1</b>	<b>24</b>	<b>21</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>9</b>	<b>1</b>							

**Top stitchers (including under trimmers and barber trimmers), female:**

Illinois	5	96	50.4		1			2			1		22	1	5	2	7	15	1				11	4			1	23
Kentucky	3	24	48.5										5			6					9		1				3	
Maine	8	70	44.7	1				1	1	2	7		1								2	3		8	6	5		
Maryland and Virginia	5	36	47.3		1		1					1	9	1	1		7	5	1	7	2		5					
Massachusetts	47	379	41.6	4		1	8	23	1	6	10	14	4	1	2	5	5	2	69	107	1	6	1	1	1	11		
Michigan	4	22	33.6						3	3	4	8																
Minnesota	3	14	41.8		1																1	1						
Missouri	9	188	38.5		1		7	4	23	2	11	39	4	35	1	5	1	1	3	8	15	9		2	2	3		
New Hampshire	7	90	33.0	15			1	4	9	1	15	1	6	13											1			
New Jersey	3	6	34.8						2	1	1																	
New York	14	241	36.4	3	6	10	4	16	24	41	1	46	5	22	3	1	3	19	5	4	3	34						
Ohio	7	101	41.9	2	1	5	1	1	4	16	5	2	6	5	12	3	1	3	1	13	2	4						
Pennsylvania	9	78	44.9		2	1	1	1	1	2	7	2	6	4	6	1	3	1	13	2	2	4	38	2	1	18	3	1
Tennessee	4	26	37.2						2	7	1																	
Wisconsin	9	78	37.2	1		1	12		16	7	2	1	3	3		1	7	2	14	4	7							
Total	137	1,449	40.5	29	13	34	51	67	72	126	131	52	191	18	23	52	133	179	97	63	7	48	15	21		4	23	

**Vampers, male:**

Illinois	1	(1)	(1)								(1)																	
Kentucky	1	(1)	(1)	(1)																								
Maine	4	7	51.1																									
Maryland and Virginia	4	13	51.1										1									3	4	1	1			
Massachusetts	36	179	42.0	3	2	7	2	3	2	10	4	31	17	4	1	2	25	54	4	4	5	4	2		2	1		
Minnesota	1	(1)	(1)								(1)																	
Missouri	3	9	41.5				1		2				2															
New Hampshire	4	9	39.4						4				4								1							
New Jersey	1	(1)	(1)								(1)																	
New York	7	35	39.4			4	1	9		9	8		1	1				1	1	1	1			6	1	1		
Pennsylvania	2	13	43.4						1	1			5		1	2	3											
Wisconsin	3	12	31.8		1		6														1	4						
Total	67	283	41.6	4	3	7	13	4	2	28	15	31	31	5	2	4	28	57	10	16	4	12	2	3	1			

**Vampers, female:**

Illinois	5	97	49.3					2		2	5		6	1	2	2	16	6	8	6					22	2	3	6	2	6
Kentucky	3	22	48.1					1		2			2			4			4	4					5				4	
Maine	8	39	41.4	2			2	2	4	1	1		2		4		2		6	4					7	3	1			
Maryland and Virginia	5	24	46.3				1	1	1	2	1		5						2	2	1	6								
Massachusetts	40	179	39.7	3	1	6	13	2	5	18	8	13	36	2	1	4	21	46												
Michigan	4	20	35.3				1	4		5	3	1	2			4														
Minnesota	4	13	43.4				1			1	1																			
Missouri	9	124	37.9		1	3	2	9	12	28	8	1	24	3	9				11	3	3	6		1						
New Hampshire	7	72	37.6	3	2			12		11	2	1	19					11	15	7										
New Jersey	3	13	31.1			1		3	3	1	4																			
New York	15	201	35.2	2		5	13	25	39	19	29		15		4	29	2	3	14						1	1				
Ohio	7	91	38.0	3	2	3	3	2	4	26	5		4			7			18	14										
Pennsylvania	8	78	44.4	2	2			1		1	6	2			27	2	9	1	3	2	1	17	2							

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.







Maine	8	33	43.5					2	1	4	1	7	10	3	1	2	2	1	7	1	2							
Maryland and Virginia	6	22	42.2										3	1	2	1	2	1										
Massachusetts	49	203	41.7	2		3	5	4	27	3	12	4	34	3	3	5	28	6	6	1	2				2			
Michigan	4	7	34.5					1	1	4					1	1												
Minnesota	3	6	44.9										2		2	2	2	3	1									
Missouri	9	51	40.0			3	1	3	5	8	3	1	13	16	4	6	2	2	1	3	1		1	2				
New Hampshire	7	37	35.5	6				1	1				1		2	2	1	3										
New Jersey	3	9	34.1						1	3	1																	
New York	19	157	35.0		7	9	9	20	15	21	11		19	1	5	23	7		4			6						
Ohio	7	61	39.8			1	4	9	7	7	6		1	1					13	1	2							
Pennsylvania	9	40	38.4				3	1		14	13	3	6	1		3			13	1	2			5	1			
Tennessee	4	11	36.4					6			1	1			2													
Wisconsin	9	41	33.5		1		10	7		5		1	7			1			2	7								
Total	145	744	39.3	8	8	16	33	63	64	57	65	13	123	7	23	45	55	63	31	25	5	27	8	9	3	1	2	
<b>Treers, hand and machine, male:</b>																												
Illinois	3	44	47.9								1		9	5		3			9			16	1					
Kentucky	3	14	48.2				1												5							3		
Maine	8	70	46.1					2	1	16	2					4			6	1	6	2	2	5	2	10	4	
Maryland and Virginia	6	35	43.6	1					1		2		13	2	3				6	5	2	3						
Massachusetts	47	397	42.2	3	3	3	13	27	7	15	24	23	51	15	3	3	33	120	15	34	2	3						
Michigan	4	14	38.5					3		5	1				2	2										1		
Minnesota	3	8	44.0				1	3		1									3	1	1	1				1		
Missouri	9	115	45.0	1		1	3	5	2	9	5		4		5	19			1	21	5	1	20	8	3	1	1	
New Hampshire	7	50	41.9	5				1	1	1	1		10	1		7	23										1	
New Jersey	3	9	30.3					7	1																			
New York	15	161	39.1		4	7	9	12	10	3	13	3	20	13	8	21	6	3	5	20		3	1					
Ohio	4	40	45.4								6	2	1	1	1	9	5	1	10	3	1							
Pennsylvania	9	50	43.0				1	2	1	1	13	3	6		1	1	7	2	4			6			2			
Tennessee	4	11	39.1					1	2				5			2				1								
Wisconsin	7	38	39.4				14								1	2	4	2		2		6	1	5	1			
Total	132	1,056	42.5	10	7	11	43	59	25	51	68	31	121	37	22	66	72	153	76	86	8	64	13	20	8	3	2	
<b>Treers, hand and machine, female:</b>																												
Illinois	3	59	47.5				1	2	1		2	1	1		1		2	11	9	2				11	1	14		
Kentucky	2	(1)	48.2													1												
Maryland and Virginia	2	7	45.3										1			1												
Massachusetts	2	13	32.7				6		2																			
Minnesota	3	6	44.9										1						3								1	
Missouri	5	12	38.1					1			5	2							3								1	
New York	9	47	38.0	1	1	6		1	2	2	12	2	3	1		4			7	3	4	1						
Ohio	5	33	35.7					4	8	8	3	3																
Pennsylvania	5	13	45.8										4						2			4					1	1
Tennessee	2	11	26.9				2	3	6																			
Wisconsin	4	46	34.2				1	2	5	16	9	4								8	1							
Total	41	249	39.3	1	1	8	12	16	34	26	24	1	16	2	3	11	26	12	16	9	2	12	1	14	2			

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE D.—Average and classified hours actually worked in 1 week in 14 specified occupations, 1932, by department, sex, and State—Con.

## FINISHING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average hours actually worked in 1 week	Number of wage earners whose hours actually worked in 1 week were—																								
				Under 12	12, under 16	16, under 20	20, under 24	24, under 28	28, under 32	32, under 36	36, under 40	40	Over 40, under 44	44	Over 44, under 45	45	Over 45, under 48	48	Over 48, under 50	50	Over 50, under 51	51, under 54	54	Over 54, under 57	57, under 60	60	Over 60	
Repairers (not cobblers) (including tip fixers and scourers), male:																												
Kentucky.....	1	(1)	(1)																							(1)	2	
Maine.....	3	5	53.9												1	1			1									
Massachusetts.....	6	9	39.7			1		1			1	1	1															
Michigan.....	2	2	41.0								1								1									
Missouri.....	3	4	33.2					1			2	1																
New Hampshire.....	2	3	29.7	1										1														
New Jersey.....	2	3	34.7								2	1																
New York.....	9	19	38.6			3		1	2	1	2	1	1	1	2	1	1	2	1	2	1							
Ohio.....	3	5	34.7						1	1	3																	
Pennsylvania.....	6	10	45.1					1			1					3	3	1						1				
Tennessee.....	2	2	37.5						1						1													
Wisconsin.....	1	(1)	(1)					(1)																				
Total.....	40	65	39.5	1		4	2	4	4	8	5	2	4	1	2	2	7	9	2	3	1				1		1	2
Repairers (not cobblers) (including tip fixers and scourers), female:																												
Illinois.....	5	37	51.4							1		2		1	1													
Kentucky.....	3	7	49.3													3												
Maine.....	7	32	48.0	1							2	2				2			1	1	1	3						
Maryland and Virginia.....	6	38	46.3			1					1	1		1	6	5	10	5	1	2	7	7			2		1	
Massachusetts.....	47	188	43.4	1	1	3	7		7	9	8	4	23	3	6	21	83	9	2									
Michigan.....	2	3	41.1					1																				
Minnesota.....	3	4	50.1													2												
Missouri.....	9	51	42.8			1			1	10	6		13					1	6	4				2	2	1	1	
New Hampshire.....	7	50	42.6	2		1		4	1	1	1		6	1		1	1	14	17									
New Jersey.....	1	(1)	(1)																						(1)			
New York.....	18	71	37.5		1	4	6	3	5	8	10	1	7	1		8	8	3								1		
Ohio.....	6	31	44.2						1	6	2								5	14	2							
Pennsylvania.....	7	33	41.3	1	3		1	2			1		8		1		1	2	2	1					1			
Tennessee.....	3	6	40.4						2	2					1					2								
Wisconsin.....	7	38	40.3						1	8	6	1						1	2	16								
Total.....	181	590	43.3	5	5	10	15	13	31	39	33	5	66	6	5	23	42	113	54	52	6	33	10	19	4	1		

1 For less than 3 wage earners in 1 establishment, data included in total.

TABLE E.—Average and classified actual earnings in 1 week in 14 specified occupations, 1932, by department, sex, and State

CUTTING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																							
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$45	\$45, under \$50	\$50, under \$55	\$55, under \$60	\$60 and over
<b>Cutters, vamp and whole shoe, hand, male:</b>																											
Illinois.....	4	128	\$27.35		3			3		7	4	8	5	8	14	14	9	13		9	6	4	10				
Kentucky.....	3	25	23.88					1	2	2			3	2	8	1	2	2	1	1							
Maine.....	7	110	25.79			1	1	4	4	6	3	6	8	9	15	13	6	10	5	5	8	4		1	1		
Maryland and Virginia.....	4	61	24.24					1	2	5	2	6	6	11	10	4		5	1	2	2	3	1				
Massachusetts.....	42	709	28.18	4		5	15	12	19	11	19	16	34	55	69	54	141	74	40	43	27	20	38	19	3	1	
Michigan.....	2	12	22.78							3		1	1		2	1	4										
Minnesota.....	3	10	20.13			1	3	1	1	1			2		4	1	2	1	1								
Missouri.....	8	116	28.55					1	3	4	7	5	4	7	7	5	7	7	17	4	11	11	7	2			
New Hampshire.....	6	56	18.08	6	5		1	2	2	5	3	5	4	8	2	6	2	3	1								
New Jersey.....	3	25	16.35			4	3		1	4	2	6		1	1	1											
New York.....	19	415	24.53			8	23	24	22	23	27	28	24	26	30	21	37	19	23	18	16	15	23	5	2	1	1
Ohio.....	5	118	24.28					2	4	5	13	11	11	14	10	6	13	12	5	2	8	1	1				
Pennsylvania.....	9	129	22.95	1		1		2	5	6	10	15	21	18	21	10	5	2	5	4	2	1	1				
Tennessee.....	2	4	24.02							1					2		1	1									
Wisconsin.....	8	105	20.16			1	4	5	8	17	14	10	11	7	8	7	2	2	2	3	1	2	1				
Total.....	125	2,032	25.59	12	8	21	51	59	75	102	105	116	137	167	193	144	230	151	110	91	81	62	81	27	6	2	1
<b>Skivers, upper, male:</b>																											
Kentucky.....	1	(1)	(1)			(1)																					
Maine.....	3	4	25.48										2		1						1						
Maryland and Virginia.....	3	5	11.56				1	3	1																		
Massachusetts.....	16	28	24.78			1	2			1	3	1	1	2	1	6	5	1		1	1	2					
Michigan.....	2	5	20.12							1	1	1	1	1	2	1											
New Hampshire.....	3	3	16.50	1						1								1									
New York.....	4	10	32.78				1		2				1				1				1	1		1	2		
Pennsylvania.....	4	7	9.51			1	1	4					1														
Total.....	36	63	22.31	1	1	3	8	3	3	3	4	6	1	3	2	8	5	2		1	2	5	1		1	2	

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.









TABLE E.—Average and classified actual earnings in 1 week in 14 specified occupations, 1932, by department, sex, and State—Continued

## LASTING DEPARTMENT—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																														
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$45	\$45, under \$50	\$50, under \$55	\$55, under \$60	\$60 and over							
<b>Assemblers for pulling-over machine, female:</b>																																		
Illinois	1	8	\$9.41	1			1	6			4	1	2				1							1										
Massachusetts	8	11	19.38					1			4	1	2											1										
New Hampshire	4	12	12.53		1		1	3	2	3	2																							
New York	3	12	13.76				1	1	4	4	2																							
Total	16	43	14.05	1	1		3	11	6	11	5	2					1						1											
<b>Bed-machine operators, male:</b>																																		
Illinois	5	106	21.53			1	6	3	12	12	8	4	11	9	5	11	7	5	6	3	2					1								
Kentucky	3	18	16.52				1		4	6	2	1	1	2	1																			
Maine	8	58	22.06	1	2	3	2	1			1	4	14	6	7	2	4	7	3	1														
Maryland and Virginia	6	51	14.72		1	6	6	5	5	14	1	2	3	1	3	4																		
Massachusetts	40	372	24.56	1	3	2	6	9	30	35	24	25	28	29	26	23	20	17	22	17	24	9	16	6										
Michigan	4	25	15.71				2	5	3	3	4		2	3	2	1																		
Minnesota	3	13	22.47				1					3	2	2	1	4																		
Missouri	8	144	18.88	1	3	1	6	12	6	13	18	46	16	4	5	1	5	9	1		1							1						
New Hampshire	7	74	16.62	4	2	1	2	11	9	8	7	9	4	3	6	4																		
New Jersey	2	9	25.10								1	1	1	1	3																			
New York	17	212	21.22			1	11	10	16	16	28	27	23	13	18	12	4	4	12	4	3	7												
Ohio	7	75	20.49			1	1	5	9	7	9	10	3	5	1	9	3	3	4	1	3													
Pennsylvania	9	66	17.19	4		4		2	10	5	12	6	7	4	7	4	1																	
Tennessee	4	33	15.64					2	11	9	4	1	5	5	1																			
Wisconsin	9	99	18.79		1	3		3	3	34	11	19	5	4	2	4	1	2	2	2	2	1												
Total	132	1,355	20.78	11	13	23	43	68	119	162	125	160	126	84	87	78	45	52	52	28	35	13	24	6	1									
<b>Turn lasters, hand (including first and second lasters), male:</b>																																		
Maryland and Virginia	1	5	31.78																															
Massachusetts	5	108	17.86		2	3		7	14	20	18	12	11	2	7	5	2	3	1					1	1									
Minnesota	1	8	9.86	1	1	1	1	2	1				1																					
Missouri	1	16	18.62	1		1	1				2	3		2	4	2																		
New Jersey	1	(1)	(1)																															

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New York.....	5	292	28.97			1	1	9	11	12	8	10	11	14	20	18	25	17	24	21	17	15	10	25	12	5	3	3
Ohio.....	1	(1)	(1)														(1)	(1)										
Pennsylvania.....	2	101	17.81						6	4	27	14	28	14	5	1				2								
Wisconsin.....	1	8	8.20					3	5																			
Total.....	18	541	23.79	2	4	9	16	26	31	55	44	54	42	31	30	31	22	27	24	17	16	12	25	12	5	3	3	

**BOTTOMING DEPARTMENT**

Goodyear stitchers, male:																													
Illinois.....	3	24	\$28.99											1	7	3			7	2		1	2	1					
Kentucky.....	1	3	29.61																3										
Maine.....	5	13	20.66				1	2	1	1	1				4	2							1						
Maryland and Virginia.....	5	18	18.24				1	2	2	3	2	4		2	1									1					
Massachusetts.....	22	118	24.74				1	3	18	6	5	4	6	11	13	6	8	7	7	13	6		3	1					
Michigan.....	4	8	24.07									3	2				1	1	1										
Minnesota.....	3	4	26.75											1	1		2												
Missouri.....	3	33	15.27			3	2	4	1	5	2	3		8	5														
New Hampshire.....	6	32	19.89	1	1		3	2	1	2	1	5	2	2	3	3	3	1	2	1	1								
New Jersey.....	3	6	24.48											2	2			1	1										
New York.....	15	99	19.92			1	2	4	11	7	7	8	11	7	18	8	4	1	3	1	1			2	3				
Ohio.....	6	28	21.63					1	2	5	7	3	2				5	3						1					
Pennsylvania.....	9	46	19.67			1	1	1	2	3	1	1	19	4	2	4	3	1	3										
Tennessee.....	4	17	19.00						2	3	2	4	1	2	2	1													
Wisconsin.....	6	37	19.53							16	9	2	1	2	1	2				2		1		1					
Total.....	95	486	21.43	1	6	5	15	24	39	46	39	55	35	49	44	29	28	19	13	16	10	3	9	1					
Edge trimmers, male:																													
Illinois.....	5	48	23.21					1	3	4	6	10	5	2	4	2	1	1	3	1	3				2				
Kentucky.....	3	10	21.10					2	1	1	1			2	2	2		2											
Maine.....	8	35	23.96				1	3	1	1	3	4	2		3	3	5	5	2	1	1								
Maryland and Virginia.....	6	30	16.20				2	2	3	1	8	7	2	1			4												
Massachusetts.....	49	226	26.80	1	1	2	1	5	8	18	16	14	13	8	20	19	14	17	20	12	5	8	15	4	4	1			
Michigan.....	4	11	20.34					2	1					2	2	3	1												
Minnesota.....	4	7	20.63					1				3						1											
Missouri.....	9	80	21.22			2		1	3	2	10	7	12	13	7	8	3		2	8	1			1					
New Hampshire.....	7	37	20.34			2		5	2	1	2	1	6	3		4	6	1		2			2						
New Jersey.....	3	5	30.58												1														
New York.....	19	154	21.25	1	1	5	6	15	4	11	14	26	15	1	2	22	7	4	3	6	4	3	4						
Ohio.....	7	56	20.45	1		1	2	2	5	8	7	2	3	5	9	3	2	1	2	2			1						
Pennsylvania.....	9	51	16.87	1	1			5	3	4	4	21	9	2	3		1						1						
Tennessee.....	4	15	19.43							4	5	5	2	1	2				1										
Wisconsin.....	9	48	21.23			1				5	12	5	5	8	2	1	1				3		1		3	2			
Total.....	140	813	22.47	4	7	11	19	41	36	83	93	93	69	34	60	66	34	31	43	25	13	12	25	7	6	1			

<sup>1</sup> For less than 3 wage earners in 1 establishment, data included in total.

TABLE E.—Average and classified actual earnings in 1 week in 14 specified occupations, 1932, by department, sex, and State—Continued

## FINISHING DEPARTMENT

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																									
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$45	\$45, under \$50	\$50, under \$55	\$55, under \$60	\$60 and over		
<b>Edge setters, male:</b>																													
Illinois	5	49	\$23.26					1	1	5	10	8	1		4	10		1	1	2	3		2						
Kentucky	3	8	15.91					1	1	1	3	1	1																
Maine	8	33	22.88					3			6	2	1	5	6	3	1	2	4										
Maryland and Virginia	6	22	16.12			1	2	2	1	5	3	2	3	2	1														
Massachusetts	49	203	26.27	2		2	2	7	9	15	14	11	14	12	16	8	12	25	15	7	4	3	18	4	1	1	1		
Michigan	4	7	21.03							1	1	3			1														
Minnesota	3	6	20.32						1			3			2														
Missouri	9	51	18.68			2	4				11	12	7	8		1		2	1										
New Hampshire	7	37	18.16	5	1		2				4	1	3	4	7	3													
New Jersey	3	9	24.85								1	2																	
New York	19	157	19.25	1	3	6	12	14	7	22	12	12	20	7	7	10	8	2	5	2		2	3	1	1				
Ohio	7	61	21.62					1	5	4	2	8	3	12	7	3	2	4	5	4	1								
Pennsylvania	9	49	17.46			2	1	4	5	5	20	1	2	1	3	2	1	1				1							
Tennessee	4	11	18.33					2	3	1			1		1	3													
Wisconsin	9	41	21.63					2	1	9	1	6	9	4		3	2					4							
<b>Total</b>	<b>145</b>	<b>744</b>	<b>21.66</b>	<b>8</b>	<b>4</b>	<b>13</b>	<b>24</b>	<b>41</b>	<b>40</b>	<b>67</b>	<b>93</b>	<b>70</b>	<b>78</b>	<b>49</b>	<b>44</b>	<b>45</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>28</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>1</b>		
<b>Treers, hand and machine, male:</b>																													
Illinois	3	44	12.40			9	8	6	2	5	12	1			1														
Kentucky	3	14	15.88					2		4	5	3																	
Maine	8	70	16.63		1	3	3	8	10	13	3	8	7	5	6	2	1												
Maryland and Virginia	6	35	13.37	1	1	3	5	4	5	5	4	3																	
Massachusetts	47	397	21.60	3	4	8	11	17	26	29	25	31	54	42	42	30	22	21	13	6	2	2	8			1			
Michigan	4	8	18.39					3		4		2	1																
Minnesota	3	8	14.40	1		1		2			1		1	2															
Missouri	9	115	18.21	2		1	8		7	4	9	31	28	12	8	4	1	2	1	3	1								
New Hampshire	7	7	16.79	4	1	4			4	4	2	2	4	4	8	4	4												
New Jersey	3	9	18.98								2	4	3																
New York	15	161	16.38	4	2	8	8	20	30	15	21	10	16	7	5	2	3	5	2	1	1		1						
Ohio	4	40	18.38					1		8	14	4	5	5	2	1													
Pennsylvania	9	50	14.95			5	2	2	7	10	15	7	2																
Tennessee	4	11	12.06		1			5	3	2																			
Wisconsin	7	38	19.86					1	13	2	1	3		6	8		1		2	1									
<b>Total</b>	<b>132</b>	<b>1,056</b>	<b>18.43</b>	<b>15</b>	<b>10</b>	<b>42</b>	<b>45</b>	<b>78</b>	<b>104</b>	<b>110</b>	<b>136</b>	<b>107</b>	<b>108</b>	<b>83</b>	<b>74</b>	<b>40</b>	<b>30</b>	<b>29</b>	<b>20</b>	<b>10</b>	<b>3</b>	<b>2</b>	<b>9</b>			<b>1</b>			





## LIST OF BULLETINS OF THE BUREAU OF LABOR STATISTICS

*The following is a list of all bulletins of the Bureau of Labor Statistics published since July, 1912, except that in the case of bulletins giving the results of periodic surveys of the bureau only the latest bulletin on any one subject is here listed.*

*A complete list of the reports and bulletins issued prior to July, 1912, as well as the bulletins published since that date, will be furnished on application. Bulletins marked thus (\*) are out of print.*

### Conciliation and arbitration (including strikes and lockouts).

- \*No. 124. Conciliation and arbitration in the building trades of Greater New York. [1913.]
- \*No. 133. Report of the industrial council of the British Board of Trade on its inquiry into industrial agreements. [1913.]
- \*No. 139. Michigan copper district strike. [1914.]
- \*No. 144. Industrial court of the cloak, suit, and skirt industry of New York City. [1914.]
- \*No. 145. Conciliation, arbitration, and sanitation in the dress and waist industry of New York City. [1914.]
- No. 191. Collective bargaining in the anthracite coal industry. [1916.]
- \*No. 198. Collective agreements in the men's clothing industry. [1916.]
- No. 233. Operation of the industrial disputes investigation act of Canada. [1918.]
- No. 255. Joint industrial councils in Great Britain. [1919.]
- No. 283. History of the Shipbuilding Labor Adjustment Board, 1917 to 1919.
- No. 287. National War Labor Board: History of its formation, activities, etc. [1921.]
- \*No. 303. Use of Federal power in settlement of railway labor disputes. [1922.]
- No. 341. Trade agreement in the silk-ribbon industry of New York City. [1923.]
- No. 402. Collective bargaining by actors. [1926.]
- No. 468. Trade agreements, 1927.
- No. 481. Joint industrial control in the book and job printing industry. [1928.]

### Cooperation.

- No. 313. Consumers' cooperative societies in the United States in 1920.
- No. 314. Cooperative credit societies (credit unions) in America and in foreign countries. [1922.]
- No. 437. Cooperative movement in the United States in 1925 (other than agricultural).
- No. 531. Consumers', credit, and productive cooperative societies, 1929.

### Employment and unemployment.

- \*No. 109. Statistics of unemployment and the work of employment offices in the United States. [1913.]
- \*No. 172. Unemployment in New York City, N. Y. [1915.]
- \*No. 183. Regularity of employment in the women's ready-to-wear garment industries. [1915.]
- \*No. 195. Unemployment in the United States. [1916.]
- \*No. 196. Proceedings of Employment Managers' Conference, held at Minneapolis, Minn., January 19 and 20, 1916.
- \*No. 202. Proceedings of the conference of Employment Managers' Association of Boston, Mass., held May 10, 1916.
- No. 206. The British system of labor exchanges. [1916.]
- \*No. 227. Proceedings of Employment Managers' Conference, Philadelphia, Pa., April 2 and 3, 1917.
- \*No. 235. Employment system of the Lake Carriers' Association. [1918.]
- \*No. 241. Public employment offices in the United States. [1918.]
- \*No. 247. Proceedings of Employment Managers' Conference, Rochester, N. Y., May 9-11, 1918.
- \*No. 310. Industrial unemployment: A statistical study of its extent and causes. [1922.]

**Employment and unemployment—Continued.**

- No. 409. Unemployment in Columbus, Ohio, 1921 to 1925.
- No. 542. Report of the Advisory Committee on Employment Statistics. [1931.]
- No. 544. Unemployment-benefit plans in the United States and unemployment insurance in foreign countries. [1931.]
- \*No. 553. Fluctuation in employment in Ohio, 1914 to 1929.
- No. 555. Social and economic character of unemployment in Philadelphia, April, 1930.

**Foreign labor laws.**

- \*No. 142. Administration of labor laws and factory inspection in certain European countries. [1914.]
- No. 494. Labor legislation of Uruguay. [1929.]
- No. 510. Labor legislation of Argentina. [1930.]
- No. 529. Workmen's compensation legislation of the Latin American countries. [1930.]
- No. 549. Labor legislation of Venezuela. [1931.]
- No. 554. Labor legislation of Paraguay. [1931.]
- No. 559. Labor legislation of Ecuador. [1931.]
- No. 569. Labor legislation of Mexico. [1932.] (In press.)

**Housing.**

- \*No. 158. Government aid to home owning and housing of working people in foreign countries. [1914.]
- No. 263. Housing by employers in the United States. [1920.]
- No. 295. Building operations in representative cities in 1920.
- No. 545. Building operations in the principal cities of the United States in [1921 to] 1930.

**Industrial accidents and hygiene.**

- \*No. 104. Lead poisoning in potteries, tile works, and porcelain-enameled sanitary ware factories. [1912.]
- No. 120. Hygiene of painters' trade. [1913.]
- \*No. 127. Dangers to workers from dusts and fumes, and methods of protection. [1913.]
- \*No. 141. Lead poisoning in the smelting and refining of lead. [1914.]
- \*No. 157. Industrial accident statistics. [1915.]
- \*No. 165. Lead poisoning in the manufacture of storage batteries. [1914.]
- \*No. 179. Industrial poisons used in the rubber industry. [1915.]
- No. 188. Report of British departmental committee on the danger in the use of lead in the painting of buildings. [1916.]
- \*No. 201. Report of the committee on statistics and compensation insurance cost of the International Association of Industrial Accident Boards and Commissions. [1916.]
- \*No. 209. Hygiene of the printing trade. [1917.]
- \*No. 219. Industrial poisons used or produced in the manufacture of explosives. [1917.]
- No. 221. Hours, fatigue, and health in British munition factories. [1917.]
- No. 230. Industrial efficiency and fatigue in British munition factories. [1917.]
- \*No. 231. Mortality from respiratory diseases in dusty trades (inorganic dusts). [1918.]
- \*No. 234. The safety movement in the iron and steel industry, 1907 to 1917.
- No. 236. Effects of the air hammer on the hands of stonecutters. [1918.]
- \*No. 249. Industrial health and efficiency. Final report of British Health of Munition Workers' Committee. [1919.]
- \*No. 251. Preventable death in the cotton-manufacturing industry. [1919.]
- No. 256. Accidents and accident prevention in machine building. [1919.]
- No. 267. Anthrax as an occupational disease. [1920.]
- No. 276. Standardization of industrial accident statistics. [1920.]
- \*No. 280. Industrial poisoning in making coal-tar dyes and dye intermediates. [1921.]
- \*No. 291. Carbon monoxide poisoning. [1921.]
- No. 293. The problem of dust phthisis in the granite-stone industry. [1922.]
- No. 298. Causes and prevention of accidents in the iron and steel industry, 1910-1919.
- No. 306. Occupation hazards and diagnostic signs: A guide to impairments to be looked for in hazardous occupations. [1922.]
- No. 392. Survey of hygienic conditions in the printing trades. [1925.]

### **Industrial accidents and hygiene—Continued.**

- No. 405. Phosphorus necrosis in the manufacture of fireworks and in the preparation of phosphorous. [1926.]
- No. 427. Health survey of the printing trades, 1922 to 1925.
- No. 428. Proceedings of the Industrial Accident Prevention Conference, held at Washington, D. C., July 14–16, 1926.
- No. 460. A new test for industrial lead poisoning. [1928.]
- No. 466. Settlement for accidents to American seamen. [1928.]
- No. 488. Deaths from lead poisoning, 1925–1927.
- No. 490. Statistics of industrial accidents in the United States to the end of 1927.
- No. 507. Causes of death, by occupation. [1929.]

### **Industrial relations and labor conditions.**

- No. 237. Industrial unrest in Great Britain. [1917.]
- \*No. 340. Chinese migrations, with special reference to labor conditions. [1923.]
- No. 349. Industrial relations in the West Coast lumber industry. [1923.]
- \*No. 361. Labor relations in the Fairmont (W. Va.) bituminous-coal field. [1924.]
- No. 380. Postwar labor conditions in Germany. [1925.]
- No. 383. Works council movement in Germany. [1925.]
- No. 384. Labor conditions in the shoe industry in Massachusetts, 1920–1924.
- No. 399. Labor relations in the lace and lace-curtain industries in the United States. [1925.]
- No. 534. Labor conditions in the Territory of Hawaii, 1929–1930.

### **Labor laws of the United States (including decisions of courts relating to labor).**

- \*No. 211. Labor laws and their administration in the Pacific States. [1917.]
- No. 229. Wage payment legislation in the United States. [1917.]
- No. 285. Minimum wage laws of the United States: Construction and operation. [1921.]
- No. 321. Labor laws that have been declared unconstitutional. [1922.]
- No. 322. Kansas Court of Industrial Relations. [1923.]
- No. 343. Laws providing for bureaus of labor statistics, etc. [1923.]
- No. 370. Labor laws of the United States, with decisions of courts relating thereto. [1925.]
- No. 408. Laws relating to payment of wages. [1926.]
- No. 548. Decisions of courts and opinions affecting labor, 1929–1930.
- No. 552. Labor legislation, 1930.

### **Proceedings of annual conventions of the Association of Government Officials in Industry of the United States and Canada. (Name changed in 1928 from Association of Governmental Labor Officials of the United States and Canada.)**

- \*No. 266. Seventh, Seattle, Wash., July 12–15, 1920.
- No. 307. Eighth, New Orleans, La., May 2–6, 1921.
- \*No. 323. Ninth, Harrisburg, Pa., May 22–26, 1922.
- \*No. 352. Tenth, Richmond, Va., May 1–4, 1923.
- \*No. 389. Eleventh, Chicago, Ill., May 19–23, 1924.
- \*No. 411. Twelfth, Salt Lake City, Utah, August 13–15, 1925.
- \*No. 429. Thirteenth, Columbus, Ohio, June 7–10, 1926.
- \*No. 455. Fourteenth, Paterson, N. J., May 31 to June 3, 1927.
- \*No. 480. Fifteenth, New Orleans, La., May 21–24, 1928.
- No. 508. Sixteenth, Toronto, Canada, June 4–7, 1929.
- No. 530. Seventeenth, Louisville, Ky., May 20–23, 1930.
- No. 563. Eighteenth, Boston, Mass., May 18–22, 1931.

### **Proceedings of annual meetings of the International Association of Industrial Accident Boards and Commissions.**

- No. 210. Third, Columbus, Ohio, April 25–28, 1916.
- No. 248. Fourth, Boston, Mass., August 21–25, 1917.
- No. 264. Fifth, Madison, Wis., September 24–27, 1918.
- \*No. 273. Sixth, Toronto, Canada, September 23–26, 1919.
- No. 281. Seventh, San Francisco, Calif., September 20–24, 1920.
- No. 304. Eighth, Chicago, Ill., September 19–23, 1921.
- No. 333. Ninth, Baltimore, Md., October 9–13, 1922.
- \*No. 359. Tenth, St. Paul, Minn., September 24–26, 1923.
- No. 385. Eleventh, Halifax, Nova Scotia, August 26–28, 1924.
- No. 395. Index to proceedings, 1914–1924.
- No. 406. Twelfth, Salt Lake City, Utah, August 17–20, 1925.
- No. 432. Thirteenth, Hartford, Conn., September 14–17, 1926.

**Proceedings of annual meetings of the International Association of Industrial Accident Boards and Commissions.—Continued.**

- \*No. 456. Fourteenth, Atlanta, Ga., September 27–29, 1927.
- No. 485. Fifteenth, Paterson, N. J., September 11–14, 1928.
- No. 511. Sixteenth, Buffalo, N. Y., October 8–11, 1929.
- No. 536. Seventeenth, Wilmington, Del., September 22–26, 1930.
- No. 564. Eighteenth, Richmond, Va., October 5–8, 1931.
- No. 577. Nineteenth, Columbus, Ohio, September 26–29.

**Proceedings of annual meetings of the International Association of Public Employment Services.**

- No. 192. First, Chicago, December 19 and 20, 1913; second, Indianapolis, September 24 and 25, 1914; third, Detroit, July 1 and 2, 1915.
- \*No. 220. Fourth, Buffalo, N. Y., July 20 and 21, 1916.
- No. 311. Ninth, Buffalo, N. Y., September 7–9, 1921.
- No. 337. Tenth, Washington, D. C., September 11–13, 1922.
- No. 355. Eleventh, Toronto, Canada, September 4–7, 1923.
- No. 400. Twelfth, Chicago, Ill., May 19–23, 1924.
- No. 414. Thirteenth, Rochester, N. Y., September 15–17, 1925.
- No. 478. Fifteenth, Detroit, Mich., October 25–28, 1927.
- No. 501. Sixteenth, Cleveland, Ohio, September 18–21, 1928.
- No. 538. Seventeenth, Philadelphia, September 24–27, 1929; Eighteenth, Toronto, Canada, September 9–12, 1930.

**Productivity of labor.**

- No. 356. Productivity costs in the common-brick industry. [1924.]
- No. 360. Time and labor costs in manufacturing 100 pairs of shoes, 1928.
- No. 407. Labor cost of production and wages and hours of labor in the paper box-board industry. [1926.]
- \*No. 412. Wages, hours, and productivity in the pottery industry, 1925.
- No. 441. Productivity of labor in the glass industry. [1927.]
- No. 474. Productivity of labor in merchant blast furnaces. [1928.]
- No. 475. Productivity of labor in newspaper printing. [1929.]
- No. 550. Cargo handling and longshore labor conditions. [1932.]

**Retail prices and cost of living.**

- \*No. 121. Sugar prices, from refiner to consumer. [1913.]
- \*No. 130. Wheat and flour prices, from farmer to consumer. [1913.]
- \*No. 164. Butter prices, from producer to consumer. [1914.]
- \*No. 170. Foreign food prices as affected by the war. [1915.]
- No. 357. Cost of living in the United States. [1924.]
- No. 369. The use of cost-of-living figures in wage adjustments. [1925.]
- No. 495. Retail prices, 1890 to 1928.

**Safety codes.**

- No. 336. Safety code for the protection of industrial workers in foundries.
- No. 350. Rules governing the approval of headlighting devices for motor vehicles.
- \*No. 351. Safety code for the construction, care, and use of ladders.
- No. 375. Safety code for laundry machinery and operations.
- No. 382. Code of lighting school buildings.
- No. 410. Safety code for paper and pulp mills.
- \*No. 430. Safety code for power presses and foot and hand presses.
- No. 447. Safety code for rubber mills and calenders.
- No. 451. Safety code for forging and hot-metal stamping.
- No. 463. Safety code for mechanical power-transmission apparatus—first revision.
- No. 509. Textile safety code.
- No. 512. Code for identification of gas-mask canisters.
- No. 519. Safety code for woodworking plants, as revised 1930.
- No. 527. Safety code for the use, care, and protection of abrasive wheels.
- No. 556. Code of lighting: Factories, mills, and other work places. (Revision of 1930.)
- No. 562. Safety codes for the prevention of dust explosions.

**Vocational and workers' education.**

- \*No. 159. Short-unit courses for wage earners, and a factory school experiment [1915.]
- \*No. 162. Vocational education survey of Richmond, Va. [1915.]
- \*No. 199. Vocational education survey of Minneapolis, Minn. [1917.]
- No. 271. Adult working-class education in Great Britain and the United States [1920.]
- No. 459. Apprenticeship in building construction. [1928.]

## **Wages and hours of labor.**

- \*No. 146. Wages and regularity of employment and standardization of piece rates in the dress and waist industry of New York City. [1914.]
- \*No. 147. Wages and regularity of employment in the cloak, suit, and skirt industry. [1914.]
- No. 161. Wages and hours of labor in the clothing and cigar industries, 1911 to 1913.
- \*No. 163. Wages and hours of labor in the building and repairing of steam railroad cars, 1907 to 1913.
- \*No. 190. Wages and hours of labor in the cotton, woolen, and silk industries, 1907 to 1914.
- No. 204. Street-railway employment in the United States. [1917.]
- No. 218. Wages and hours of labor in the iron and steel industry, 1907 to 1915: (With a glossary of occupations.)
- \*No. 225. Wages and hours of labor in the lumber, millwork, and furniture industries, 1915.
- No. 265. Industrial survey in selected industries in the United States, 1919.
- No. 297. Wages and hours of labor in the petroleum industry, 1920.
- No. 356. Productivity costs in the common-brick industry. [1924.]
- No. 358. Wages and hours of labor in the automobile-tire industry, 1923.
- No. 360. Time and labor costs in manufacturing 100 pairs of shoes, 1923.
- No. 365. Wages and hours of labor in the paper and pulp industry, 1923.
- No. 407. Labor cost of production and wages and hours of labor in the paper box-board industry. [1926.]
- \*No. 412. Wages, hours, and productivity in the pottery industry, 1925.
- No. 416. Hours and earnings in anthracite and bituminous-coal mining, 1922 and 1924.
- No. 484. Wages and hours of labor of common street laborers, 1928.
- No. 499. History of wages in the United States from colonial times to 1928.
- No. 502. Wages and hours of labor in the motor-vehicle industry, 1928.
- No. 504. Wages and hours of labor in the hosiery and underwear industries, 1907 to 1928.
- No. 513. Wages and hours of labor in the iron and steel industry, 1929.
- No. 514. Pennsylvania Railroad wage data. From Report of Joint Fact Finding Committee in wage negotiations in 1927.
- No. 516. Hours and earnings in bituminous-coal mining, 1929.
- No. 523. Hours and earnings in the manufacture of airplanes and aircraft engines, 1929.
- No. 525. Wages and hours of labor in the Portland cement industry, 1929.
- No. 532. Wages and hours of labor in the cigarette-manufacturing industry, 1930.
- No. 533. Wages and hours of labor in woolen and worsted goods manufacturing, 1910 to 1930.
- No. 534. Labor conditions in the Territory of Hawaii, 1929-30.
- No. 535. Wages and hours of labor in the slaughtering and meat-packing industry, 1929.
- No. 537. Wages and hours of labor in the dyeing and finishing of textiles, 1930.
- No. 539. Wages and hours of labor in cotton-goods manufacturing, 1910 to 1930.
- No. 546. Wages and hours in rayon and other synthetic manufacturing, 1930.
- No. 547. Wages and hours of labor in the cane-sugar refining industry, 1930.
- No. 551. Wages and hours of labor in the boot and shoe industry, 1910 to 1930.
- No. 577. Wages and hours of labor in the men's clothing industry, 1911 to 1930.
- No. 560. Wages and hours of labor in the lumber industry in the United States, 1930.
- No. 566. Union scales of wages and hours of labor, May 15, 1931.
- No. 567. Wages and hours of labor in the hosiery and underwear industries, 1907 to 1930.
- No. 568. Wages and hours of labor in the manufacture of silk and rayon goods, 1931.
- No. 570. Wages and hours of labor in foundry and machine shops, 1931.
- No. 571. Wages and hours of labor in the furniture industry, 1910 to 1931.
- No. 573. Wages and hours of labor in metalliferous mines, 1924 to 1931.
- No. 574. Technological changes and employment in the United States. [1932.]
- No. 575. Wages and hours of labor in air transportation, 1931.
- No. 576. Wages and hours of labor in the slaughtering and meat-packing industry, 1931.
- No. 578. Wages and hours of labor in gasoline filling stations and motor-vehicle repair garages, 1931.

**Welfare work.**

- \*No. 123. Employers' welfare work. [1913.]
- No. 222. Welfare work in British munition factories. [1917.]
- \*No. 250. Welfare work for employees in industrial establishments in the United States. [1919.]
- No. 458. Health and recreation activities in industrial establishments, 1926.

**Wholesale prices.**

- \*No. 284. Index numbers of wholesale prices in the United States and foreign countries. [1921.]
- No. 453. Revised index numbers of wholesale prices, 1923 to July, 1927.
- No. 572. Wholesale prices, 1931. (In press.)

**Women and children in industry.**

- \*No. 116. Hours, earnings, and duration of employment of wage-earning women in selected industries in the District of Columbia. [1913.]
- \*No. 117. Prohibition of night work of young persons. [1913.]
- \*No. 118. Ten-hour maximum working-day for women and young persons. [1913.]
- No. 119. Working hours of women in the pea canneries of Wisconsin. [1913.]
- \*No. 122. Employment of women in power laundries in Milwaukee. [1913.]
- \*No. 160. Hours, earnings, and conditions of labor of women in Indiana mercantile establishments and garment factories. [1914.]
- \*No. 167. Minimum-wage legislation in the United States and foreign countries. [1915.]
- \*No. 175. Summary of the report on condition of woman and child wage earners in the United States. [1915.]
- \*No. 176. Effect of minimum-wage determinations in Oregon. [1915.]
- \*No. 180. The boot and shoe industry in Massachusetts as a vocation for women. [1915.]
- \*No. 182. Unemployment among women in department and other retail stores of Boston, Mass. [1916.]
- No. 193. Dressmaking as a trade for women in Massachusetts. [1916.]
- No. 215. Industrial experience of trade-school girls in Massachusetts. [1917.]
- \*No. 217. Effect of workmen's compensation laws in diminishing the necessity of industrial employment of women and children. [1918.]
- \*No. 223. Employment of women and juveniles in Great Britain during the war. [1917.]
- No. 253. Women in the lead industries. [1919.]
- No. 467. Minimum-wage legislation in various countries. [1928.]
- No. 558. Labor conditions of women and children in Japan. [1931.]

**Workmen's insurance and compensation (including laws relating thereto).**

- \*No. 101. Care of tuberculous wage earners in Germany. [1912.]
- \*No. 102. British national insurance act, 1911.
- No. 103. Sickness and accident insurance law in Switzerland. [1912.]
- No. 107. Law relating to insurance of salaried employees in Germany. [1913.]
- \*No. 155. Compensation for accidents to employees of the United States. [1914.]
- No. 212. Proceedings of the conference on social insurance called by the International Association of Industrial Accident Boards and Commissions, Washington, D. C., December 5-9, 1916.
- \*No. 243. Workmen's compensation legislation in the United States and foreign countries, 1917 and 1918.
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