

67TH CONGRESS : : : 4TH SESSION

DECEMBER 4, 1922-MARCH 4, 1923

# HOUSE DOCUMENTS

VOL. 25

WASHINGTON : : GOVERNMENT PRINTING OFFICE : : 1923

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**U. S. DEPARTMENT OF LABOR**  
**JAMES J. DAVIS, Secretary**  
**BUREAU OF LABOR STATISTICS**  
**ETHELBERT STEWART, Commissioner**

**BULLETIN OF THE UNITED STATES } . . . No. 324**  
**BUREAU OF LABOR STATISTICS }**

**WAGES AND HOURS OF LABOR SERIES**

**WAGES AND HOURS OF LABOR**  
**IN THE BOOT AND SHOE**  
**INDUSTRY: 1907 TO 1922**



**MARCH, 1923**

**WASHINGTON**  
**GOVERNMENT PRINTING OFFICE**  
**1923**

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MARCH, 1923

WASHINGTON  
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1923

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

NO. 324

WASHINGTON

MARCH, 1923

## WAGES AND HOURS OF LABOR IN THE BOOT AND SHOE INDUSTRY, 1907 TO 1922.

### INTRODUCTION AND SUMMARY.

Average rates of wages or earnings per hour, average full-time hours per week, average hours actually worked and average earnings actually received in one pay-roll period, and average full-time weekly earnings are presented in this bulletin, by occupations and States, for 28,948 males and 18,413 females employed in the boot and shoe industry in the United States in the year 1922. Summaries for each year from 1907 to 1922 and index numbers for each year from 1910 to 1922, except 1915, 1917, 1919, and 1921, are also given. Data were not collected for the years 1915, 1917, 1919, and 1921.<sup>1</sup>

The wage peak of the industry was reached in 1920, at which time the general level of hourly earnings reached an amount  $2\frac{1}{2}$  times that of 1913 and  $2\frac{1}{2}$  times the hourly earnings of 1910. Between 1920 and 1922, however, there was a decrease in hourly earnings of about 10 per cent.

Regular working hours decreased 12 per cent between 1913 and 1920, with no change between 1920 and 1922. Because of a reduction of hours, full-time weekly earnings did not increase in the same proportion as hourly earnings. Full-time weekly earnings in 1920 were a little more than twice the earnings of 1913, with a drop of about 9 per cent between 1920 and 1922. These changes in wages and hours are shown by index numbers for the industry as a whole on page 26.

The data for all years covered in this bulletin were taken by agents of the bureau directly from the pay-roll records of the establishments. The number of establishments furnishing data varied from year to year, ranging from 26 in 1907, the initial year, to 143 in 1918. A total of 104 establishments were covered in 1922. The 1922 data were taken from the January pay-roll records of 2 establishments; from the March records of 11 establishments; from the April records of 40 establishments; from the May records of 43 establishments; and from the June records of 8 establishments. The great mass of the data, therefore, is as of April and May.

<sup>1</sup> The previous investigations of wages and hours of labor in boot and shoe manufacturing have been made and published by the Bureau of Labor Statistics as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 134 (August, 1913), covering 1907 to 1912; Bulletin No. 154 (May, 1914), covering 1912 and 1913; Bulletin No. 178 (August, 1915), covering 1913 and 1914; Bulletin No. 232 (May, 1918), covering 1914 and 1916; Bulletin No. 260 (November, 1919), covering 1916 and 1918; and Bulletin No. 278 (April, 1921), covering 1920.

The 1922 tabulation shows 39 occupations including males only; 12 occupations including females only; and 29 occupations including both males and females. A very small number of females was found in 14 of the 39 occupations for which data are shown for males only, and a very small number of males was found in 11 of the 12 occupations for which data are shown for females only. In each case the number was too insignificant to be representative and such employees have therefore been included in the group which is designated "Other employees" in this report.

In all but 2 of the 29 occupations in which both males and females are shown the full-time weekly earnings of males exceed that of females. The greatest difference is \$14.44 for outsole or insole rounders and the least, 30 cents, for button fasteners.

In 1922 the average full-time weekly earnings of male employees in the selected occupations varied from \$13.71 for lacers in the finishing department to \$43.30 for Goodyear welters. The occupational averages for females ranged from \$13.04 for outsole or insole rounders to \$23.75 for binders.

A summary of the rates of wages or earnings and hours of labor between 1907 and 1922, by occupations, is presented in Table 1, which follows:

*[The following table content is extremely faint and largely illegible due to the quality of the scan. It appears to be a summary of wages and hours by occupation, as mentioned in the text above.]*

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—								
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>CUTTING DEPARTMENT.</b>														
Cutters, vamp and whole shoe, hand:														
Male.....	1907..	20	919	54.9	\$0.325	( <sup>1</sup> )			1	17	37	27	17	
	1908..	20	907	54.8	.332	( <sup>1</sup> )			1	19	36	31	12	
	1909..	20	907	54.7	.340	( <sup>1</sup> )			2	18	38	32	11	
	1910..	48	1,650	56.3	.319	\$17.86			1	11	25	24	19	21
	1911..	64	2,066	56.2	.313	17.50				8	29	28	19	17
	1912..	71	1,995	55.0	.322	17.58			12	8	37	15	17	11
	1913..	71	1,987	54.5	.351	19.05			12	11	40	18	16	3
	1914..	75	1,812	54.0	.366	19.66			20	18	22	26	11	3
	1916..	113	2,355	53.9	.375	20.12			18	16	27	26	10	3
	1918..	114	2,319	52.0	.484	25.06			2	52	16	11	13	6
	1920..	91	2,050	47.8	.829	40.29	23	1	56	14	1	4	1	
	1922..	84	1,915	48.3	.787	38.11	16		57	19	1	7	1	
Cutters, vamp and whole shoe, machine:														
Male.....	1910..	17	235	57.8	.301	17.23					6	30	42	23
	1911..	20	270	57.0	.313	17.69					22	26	32	20
	1912..	33	490	55.8	.313	17.36			6	5	38	8	25	18
	1913..	33	549	55.3	.323	17.77			6	5	39	21	22	7
	1914..	40	642	55.3	.325	17.93			9	3	22	40	24	1
	1916..	67	1,059	54.9	.331	18.07			11	3	22	47	15	2
	1918..	66	1,202	52.2	.444	23.04			10	44	6	18	12	9
	1920..	56	942	48.9	.806	37.94	8		59	20	1	11	1	
	1922..	48	867	49.2	.647	31.99	1		58	32	( <sup>2</sup> )	8	1	
Female.....	1920..	10	73	53.8	.393	21.69			26	14	7	30	23	
	1922..	8	62	52.5	.433	23.51			18	15	39	29		
Cutters, trimmings, hand:														
Male.....	1920..	87	884	48.0	.452	22.27	20	( <sup>2</sup> )	52	22	1	3		
	1922..	79	747	48.2	.460	22.02	16		57	20	6	1		
Female.....	1920..	11	38	50.1	.284	13.98	11		39	8	42			
	1922..	7	42	48.0	.299	14.82	5		83	12				

<sup>1</sup> No data.

<sup>2</sup> Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>CUTTING DEPARTMENT—Concluded.</b>															
<b>Cutters, trimmings, machine:</b>															
Male.....	1920..	37	163	49.1	\$0.425	\$21.20	8	6	47	22	.....	17	.....	.....	.....
	1922..	30	116	50.3	.398	20.05	3	.....	34	38	.....	21	4	.....	.....
Female.....	1920..	12	66	50.7	.273	13.77	11	3	27	11	.....	48	.....	.....	.....
	1922..	7	37	49.8	.323	16.20	.....	.....	19	78	.....	.....	.....	3	.....
<b>Skivers, upper:</b>															
Male.....	1910..	12	74	54.7	.288	15.80	.....	.....	.....	.....	.....	66	18	16	.....
	1911..	28	136	54.8	.292	15.98	.....	.....	.....	.....	.....	68	18	15	.....
	1912..	32	156	54.7	.282	15.41	.....	.....	.....	6	67	7	19	1	.....
	1913..	32	134	54.5	.299	16.23	.....	.....	.....	8	65	18	9	.....	.....
	1914..	29	116	54.4	.299	16.13	.....	.....	.....	9	65	21	6	.....	.....
	1916..	32	124	54.6	.311	16.93	.....	.....	.....	9	65	13	12	1	.....
	1918..	23	96	50.9	.423	21.55	.....	.....	74	11	10	4	.....	.....	.....
	1920..	29	87	48.1	.576	28.58	9	.....	79	8	.....	3	.....	.....	.....
	1922..	31	77	47.6	.595	28.48	21	.....	65	13	.....	1	.....	.....	.....
Female.....	1907..	13	74	56.1	.188	(1)	.....	.....	.....	.....	.....	11	50	39	.....
	1908..	13	70	56.5	.192	(1)	.....	.....	.....	.....	.....	10	39	51	.....
	1909..	13	79	56.3	.191	(1)	.....	.....	.....	.....	.....	14	39	47	.....
	1910..	49	338	57.0	.175	9.94	.....	.....	(2)	9	12	24	25	30	.....
	1911..	60	374	57.0	.176	9.97	.....	.....	.....	7	9	30	29	25	.....
	1912..	67	371	55.0	.193	10.58	.....	.....	2	7	48	16	24	3	.....
	1913..	67	439	54.6	.209	11.38	.....	.....	3	7	53	24	14	.....	.....
	1914..	77	446	54.1	.209	11.30	.....	.....	6	14	47	26	6	.....	.....
	1916..	113	591	54.0	.209	11.26	.....	.....	6	14	52	24	4	.....	.....
	1918..	121	697	51.7	.267	14.73	(2)	.....	3	49	13	29	5	1	.....
	1920..	105	611	48.7	.434	21.47	11	1	58	20	(2)	9	1	1	.....
	1922..	94	539	48.6	.430	20.84	10	.....	61	22	1	6	1	.....	.....
<b>Cutters, linings, hand:</b>															
Male.....	1920..	58	233	47.8	.665	32.88	18	(2)	64	13	(2)	2	2	.....	.....
	1922..	66	229	48.0	.684	32.82	14	.....	68	14	1	2	1	.....	.....
<b>Cutters, linings, machine:</b>															
Male.....	1920..	48	111	49.2	.561	27.82	5	1	57	23	1	9	3	1	.....
	1922..	42	98	49.6	.552	27.58	2	.....	56	22	.....	17	1	1	.....

SOLE LEATHER DEPARTMENT.

Cutters, outsole:														
Male.....	1907..	10	50	54.8	\$0.314	(1)						76	10	14
	1908..	10	47	54.5	.308	(1)						74	21	4
	1909..	10	49	54.5	.307	(1)						76	20	4
	1910..	31	143	56.6	.274		\$15.44					34	20	32
	1911..	36	146	56.6	.278		15.70					29	29	27
	1912..	42	177	56.2	.281		15.75				1	37	22	28
	1913..	42	196	55.4	.303		16.69				8	42	24	26
	1914..	47	225	55.0	.302		16.64			1	4	40	43	8
	1916..	64	345	54.7	.307		16.74			8	3	32	47	6
	1918..	76	416	52.1	.405		21.02			13	31	10	26	17
	1920..	60	331	48.4	.716		34.79			9	68	16	5	2
	1922..	52	264	48.5	.706		34.09			7	69	19	5	1
Cutters, insole:														
Male.....	1920..	40	184	48.4	.694		33.55			4	78	13	1	4
	1922..	43	193	48.3	.680		32.77			5	79	12		4
Rounders, outsole or insole:														
Male.....	1920..	73	161	48.8	.576		28.21			12	1	58	14	1
	1922..	76	158	48.9	.563		27.48			11		52	23	3
Female.....	1920..	8	12	48.5	.411		19.90					75	25	
	1922..	4	5	48.8	.268		13.04					100		
Channellers, outsole or insole:														
Male.....	1907..	10	23	55.1	.283	(1)						17		35
	1908..	10	23	55.1	.296	(1)						17		35
	1909..	10	23	54.7	.306	(1)						17		44
	1910..	44	138	56.3	.296		16.61					3	5	28
	1911..	57	157	56.3	.289		16.21					5	29	24
	1912..	72	200	55.9	.298		16.62					6	32	26
	1913..	75	196	55.4	.333		18.42					9	36	30
	1914..	77	213	55.2	.331		18.24					3	12	23
	1916..	107	255	55.0	.340		18.69					5	11	26
	1918..	122	268	52.5	.430		22.42					3	43	12
	1920..	108	240	48.8	.696		34.23			10	2	55	19	1
	1922..	89	198	49.3	.649		32.02			8		52	24	1
Cutters, top and heel lifts, machine:														
Male.....	1920..	47	232	49.0	.513		24.95			12		47	27	11
	1922..	43	304	48.5	.537		25.99			3		78	15	3
Heel builders, hand:														
Male.....	1920..	15	58	50.1	.568		28.44			2		48	19	31
	1922..	15	49	50.4	.495		24.74			6		45	8	39
Female.....	1920..	8	60	46.8	.415		19.40			35		62	3	3
	1922..	9	34	48.0	.429		20.46			12		50	32	6
Heel builders, machine:														
Male.....	1920..	37	90	49.2	.470		23.19			10		43	33	9
	1922..	33	119	48.9	.497		24.29			3		69	17	8
Female.....	1920..	16	90	47.3	.407		19.38			27		61	12	3
	1922..	17	214	48.3	.411		19.85					93	3	

<sup>1</sup> No data.

<sup>2</sup> Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>FITTING OR STITCHING DEPARTMENT.</b>															
Stampers, linings or uppers:															
Male.....	1920..	12	19	48.1	\$0.424	\$20.59	11	63	26						
1922..		11	14	49.4	.411	20.36		43	50		7				
Female.....	1920..	91	281	48.0	.393	19.02	17	1	52	28	1		(2)		
1922..		90	426	48.6	.369	17.87	10		60	23	(2)	5	2	(2)	
Cementers and doublers, hand and machine:															
Male.....	1920..	14	21	47.5	.453	21.78	14	14	48	24					
1922..		8	29	48.2	.528	25.45	14		59	28					
Female.....	1920..	107	1,133	48.6	.353	17.29	11	1	56	25	1	5	2	(2)	
1922..		89	913	48.5	.337	16.36	9	(2)	61	23	1	5	1		
Folders, hand:															
Female.....	1920..	48	379	47.8	.424	21.09	15		71	13		2			
1922..		56	471	48.1	.429	20.49	14		67	15		4			
Folders, machine:															
Female.....	1920..	74	390	48.9	.402	19.78	9	1	55	22	(2)	11	2		
1922..		71	355	48.7	.391	19.02	10		58	21	1	10	1		
Perforators:															
Male.....	1920..	16	22	48.5	.510	24.44	5		77	14			5		
1922..		28	60	49.0	.482	23.68	12		52	18		18			
Female.....	1920..	82	218	48.2	.434	21.19	15		61	17	1	6	(2)		
1922..		84	422	48.3	.444	21.43	15		59	20		4	(2)		
Tip stitchers:															
Female.....	1911..	36	134	55.8	.205	11.38					7	28	24	37	4
1912..		79	335	54.9	.208	11.36				3	5	56	14	20	2
1913..		79	337	54.7	.219	11.94				3	8	52	23	14	
1914..		83	348	54.2	.219	11.87				3	14	56	22	5	
1916..		124	442	54.0	.231	12.45				5	14	58	18	5	
1918..		125	437	51.8	.288	14.86				3	46	17	29	5	1
1920..		106	355	48.7	.447	21.77	10	1	59	21	1	8	(2)	1	1
1922..		92	362	48.6	.424	20.68	9		61	24	1	5	1		
Closers or seamers:															
Male.....	1920..	10	19	47.6	.628	30.72	11		89						
1922..		8	12	48.2	.487	22.88	8		67	25					
Female.....	1920..	97	441	48.8	.396	19.48	12	1	54	19	1	12	(2)	1	
1922..		92	409	49.1	.370	18.23	10		49	26	3	12	1		

Seam rubbers:																			
Male.....	1920.....	16	28	48.7	.404	19.23	4	75	7	14									
	1922.....	18	26	47.6	.348	16.48	19	73	4	4									
Female.....	1920.....	69	157	49.1	.304	15.21	11	39	36	6									
	1922.....	49	99	48.5	.302	14.79	14	42	39	4									
Lining makers:																			
Female.....	1907.....	19	124	56.2	.175	(1)								19	35	45			
	1908.....	19	112	56.1	.165	(1)								21	38	41			
	1909.....	19	122	56.0	.173	(1)								23	38	39			
	1910.....	53	585	56.5	.164	9.19			(2)	15	13	25	24	15	25	24	23		
	1911.....	72	721	56.5	.166	9.28				11	19	26	26	11	19	26	17		
	1912.....	80	764	55.0	.170	9.31			3	5	51	13	25	3	51	13	25	4	
	1913.....	80	854	54.6	.190	10.38			3	6	55	23	13	6	55	23	13		
	1914.....	84	852	54.1	.189	10.21			6	16	51	21	6	6	51	21	6		
	1916.....	126	1,004	53.9	.198	10.69			9	12	56	17	6	12	56	17	6		
	1918.....	132	1,138	51.5	.241	12.35			3	56	10	28	3	3	56	10	28	3	
	1920.....	112	1,149	48.6	.378	18.40	11	1	58	21	1	7	1	7	21	1	7	(2)	
	1922.....	97	1,055	48.8	.362	17.71	7		59	24	2	8		24	2	8			
Closers-on:																			
Female.....	1907.....	18	104	55.3	.200	(1)								16	24	33	27		
	1908.....	18	100	55.1	.190	(1)								20	21	41	18		
	1909.....	18	101	55.1	.207	(1)								19	19	45	18		
	1910.....	49	262	57.1	.178	10.13			(2)	9	13	22	23	9	13	22	23	33	
	1911.....	65	350	56.9	.180	10.18				1	18	31	25	1	18	31	25	25	
	1912.....	74	344	55.0	.186	10.17			4	5	53	12	22	4	53	12	22	4	
	1913.....	74	349	54.4	.194	10.53			5	5	59	21	10	5	59	21	10		
	1914.....	77	347	53.9	.193	10.42			8	16	53	20	4	8	53	20	4		
	1916.....	83	360	53.6	.204	10.95			11	15	63	8	3	11	15	63	8	3	
	1918.....	90	351	52.0	.237	12.28	(2)		5	38	13	33	8	5	38	13	33	8	
	1920.....	47	133	49.4	.358	17.98	15	2	26	38	1	15	1	2	38	1	15	1	
	1922.....	35	129	50.2	.394	19.88	5		25	49	4	17		49	4	17			
Top stitchers:																			
Male.....	1920.....	16	57	48.0	.639	30.74	2		96	2									
	1922.....	19	64	48.1	.657	31.59	14		70	8				8					
Female.....	1907.....	17	151	48.0	.185	(1)								20	30	50			
	1908.....	17	144	56.3	.190	(1)								22	28	50			
	1909.....	17	156	56.3	.196	(1)								20	30	51			
	1910.....	53	721	56.3	.188	10.69			(2)	9	15	21	27	9	15	21	27	28	
	1911.....	73	911	56.9	.194	10.95				7	20	23	29	7	20	23	29	20	
	1912.....	82	1,033	54.9	.198	10.81			3	8	55	9	22	3	55	9	22	3	
	1913.....	82	1,070	54.6	.210	11.47			2	9	54	22	13	2	54	22	13		
	1914.....	86	1,076	54.2	.212	11.48			5	14	53	21	6	5	53	21	6		
	1916.....	128	1,427	54.0	.220	11.87			6	14	58	18	4	6	58	18	4		
	1918.....	135	1,364	51.6	.285	14.57			5	49	13	29	3	5	49	13	29	3	
	1920.....	112	1,187	48.5	.448	21.94	14	1	56	18	1	9	1	14	18	1	9	(2)	
	1922.....	100	1,195	48.8	.433	21.16	9		57	23	1	9		23	1	9			

<sup>1</sup> No data.<sup>2</sup> Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>FITTING OR STITCHING DEPARTMENT—Concluded.</b>															
<b>Binders:</b>															
Female.....1920..	36	141	50.3	\$.455	\$23.03	10	1	33	20	3	33	1	1		
1922..	49	257	49.3	.485	23.75	11		46	18	2	23	(2)			
<b>Buttonhole makers:</b>															
Female.....1911..	33	108	56.3	.176	9.83				2	27	21	44	6		
1912..	74	468	55.1	.180	9.87			3	6	55	9	24	4		
1913..	74	517	54.7	.194	10.60			1	8	59	14	18			
1914..	80	506	53.9	.198	10.70			9	20	49	14	8			
1916..	113	466	53.8	.217	11.65			9	22	52	11	6			
1918..	82	140	52.2	.262	13.62		2	40	9	41	6	1			
1920..	46	70	49.3	.391	19.48	10	46	26	1	16		1			
1922..	47	83	49.6	.369	18.20	11		41	20	8	17	2			
<b>Button fasteners:</b>															
Male.....1920..	4	8	51.8	.393	20.26			38	13			50			
1922..	4	5	53.3	.316	16.81				20	20	20	40			
Female.....1911..	26	55	56.4	.157	8.88					9	16	22	47	5	
1912..	72	205	55.3	.177	9.78				1	7	49	9	28	4	
1913..	72	232	54.8	.199	10.95				4	7	55	9	24		
1914..	66	198	53.7	.197	10.57				9	20	53	13	5		
1916..	94	195	53.8	.211	11.32				10	24	47	14	6		
1918..	64	102	52.7	.230	12.06			3	30	6	53	6	2		
1920..	33	44	48.4	.386	18.56	18	2	48	20	2	7		2		
1922..	44	76	49.2	.338	16.51	14		46	18	4	14	3			
<b>Eyeleters:</b>															
Male.....1920..	31	75	48.4	.582	28.08	11	1	71	5		11	1			
1922..	31	73	48.3	.514	24.64	10		71	11		8				
Female.....1918..	92	223	51.7	.268	13.64			4	47	17	26	6			
1920..	92	232	48.7	.442	21.61	13	(2)	50	26	1	8	(2)	1		
1922..	71	160	49.2	.415	20.26	5		48	37	2	8	1			
<b>Vampers:</b>															
Male.....1907..	13	167	54.9	.318	(1)					4	71	5	19		
1908..	13	99	55.2	.287	(1)					18	41	15	25		
1909..	13	150	54.6	.287	(1)					39	34	14	13		
1910..	33	263	55.5	.293	16.24					18	25	24	22	11	
1911..	51	343	55.5	.315	17.42					6	40	27	18	8	
1912..	66	483	55.0	.306	16.76				3	12	45	14	23	4	

	1913..	66	554	54.8	.320	17.47	-----	-----	2	13	41	30	13	1	-----
	1914..	65	534	54.6	.312	17.04	-----	-----	1	17	37	35	9	1	-----
	1916..	82	624	54.6	.333	18.14	-----	-----	3	16	39	34	9	1	-----
	1918..	83	573	51.5	.442	22.73	-----	-----	2	62	14	4	4	1	-----
	1920..	55	400	47.9	.700	33.85	11	-----	4	82	3	-----	-----	-----	-----
	1922..	52	357	47.8	.628	30.09	18	-----	9	70	3	-----	-----	-----	-----
Female.....	1907..	22	351	55.7	.246	(1)	-----	-----	1	15	16	30	38	-----	-----
	1908..	22	321	55.9	.242	(1)	-----	-----	1	6	19	37	38	-----	-----
	1909..	22	391	55.5	.253	(1)	-----	-----	1	20	17	31	31	-----	-----
	1910..	53	863	56.9	.238	13.46	-----	-----	2	5	14	24	28	27	-----
	1911..	71	1,124	56.5	.238	13.46	-----	-----	2	4	17	26	28	23	-----
	1912..	79	1,088	55.1	.230	12.68	-----	-----	1	6	53	11	24	4	-----
	1913..	79	1,072	54.7	.246	13.45	-----	-----	1	7	58	20	14	-----	-----
	1914..	85	1,116	54.1	.243	13.14	-----	-----	7	16	51	20	7	-----	-----
	1916..	121	1,383	53.9	.254	13.66	-----	-----	8	18	54	14	6	-----	-----
	1918..	132	1,477	51.7	.312	16.11	-----	4	49	11	30	4	2	-----	-----
	1920..	111	1,313	48.8	.506	25.09	11	1	51	25	1	1	1	-----	-----
	1922..	98	1,142	49.0	.480	23.54	6	-----	29	2	7	1	-----	-----	-----
Barrers:															
Female.....	1920..	69	138	48.5	.388	19.21	12	1	62	14	2	8	1	-----	-----
	1922..	64	110	48.7	.368	17.93	11	-----	53	27	1	8	-----	-----	-----
Tongue stitchers:															
Female.....	1920..	69	194	48.8	.343	16.95	10	2	58	19	2	8	1	2	-----
	1922..	63	205	48.7	.362	17.75	4	-----	57	34	(2)	3	-----	-----	-----
Fancy stitchers:															
Female.....	1920..	43	179	47.7	.459	22.50	27	-----	46	23	3	1	-----	-----	-----
	1922..	75	764	48.6	.444	21.54	17	-----	54	14	-----	14	1	-----	-----
Backstay stitchers:															
Female.....	1907..	16	81	56.6	.171	(1)	-----	-----	-----	-----	19	22	59	-----	-----
	1908..	16	78	56.5	.186	(1)	-----	-----	-----	-----	17	29	54	-----	-----
	1909..	16	91	56.3	.177	(1)	-----	-----	-----	-----	23	29	49	-----	-----
	1910..	49	307	56.6	.177	9.95	-----	(2)	-----	10	11	29	27	22	-----
	1911..	67	392	56.5	.185	10.42	-----	-----	-----	7	18	28	31	16	-----
	1912..	78	426	55.1	.187	10.31	-----	-----	3	2	54	11	26	4	-----
	1913..	78	389	54.7	.195	10.62	-----	-----	3	3	53	29	11	-----	-----
	1914..	82	432	54.3	.197	10.68	-----	-----	3	9	58	25	6	-----	-----
	1916..	125	575	54.0	.213	11.47	-----	-----	7	11	57	20	5	-----	-----
	1918..	124	560	51.9	.261	13.49	-----	4	46	11	34	4	1	-----	-----
	1920..	98	428	48.7	.417	20.52	8	(2)	57	25	1	9	-----	-----	-----
	1922..	83	402	48.8	.378	18.47	4	-----	61	28	2	4	1	-----	-----
Table workers:															
Female.....	1920..	47	332	47.3	.327	15.78	27	2	58	14	(2)	-----	-----	-----	-----
	1922..	86	797	48.7	.285	13.85	11	-----	53	25	2	8	1	-----	-----
Lacers:															
Male.....	1920..	9	14	48.1	.441	21.48	7	-----	73	22	-----	-----	-----	-----	-----
	1922..	8	12	47.8	.325	14.39	17	-----	67	17	-----	-----	-----	-----	-----
Female.....	1920..	86	193	48.5	.348	16.94	15	2	54	19	2	7	1	1	-----
	1922..	71	142	48.5	.367	17.86	8	-----	61	15	12	4	-----	-----	-----

1 No data.

2 Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>LASTING DEPARTMENT.</b>															
Last pickers or sorters:															
Male.....	1920.....	72	271	48.3	\$.456	\$22.05	14		64	15		6	( <sup>2</sup> )		
	1922.....	81	238	48.8	.426	20.78	10		58	21		11			
Assemblers, for pulling-over machine:															
Male.....	1911.....	17	218	55.4	.274	15.14						43	32	23	3
	1912.....	50	542	55.8	.238	13.21				6	5	32	18	24	16
	1913.....	54	597	55.4	.272	15.01				2	7	41	27	19	5
	1914.....	64	708	55.3	.279	15.37				6	7	27	33	24	3
	1916.....	97	801	55.0	.291	16.02				4	9	34	34	15	4
	1918.....	102	726	52.6	.398	20.85				5	12	24	12	9	( <sup>2</sup> ) 4
	1920.....	88	691	48.6	.638	31.49	10	( <sup>2</sup> )	60	38		9	( <sup>2</sup> )		
	1922.....	70	593	49.0	.567	27.94	4		61	23	( <sup>2</sup> )	12	1		
Female.....	1920.....	23	77	48.5	.500	24.20	23		55	6		4	6	1	
	1922.....	15	58	49.0	.434	21.35	5		74	5		5	9		
Pullers-over, hand:															
Male.....	1907.....	13	345	56.6	.256	( <sup>1</sup> )						22	21	57	
	1908.....	13	330	56.6	.249	( <sup>1</sup> )						22	19	59	
	1909.....	13	366	56.2	.287	( <sup>1</sup> )						30	22	47	
	1910.....	35	784	56.4	.291	16.38				1	2	26	23	29	19
	1911.....	45	897	56.3	.312	17.50					3	29	26	24	17
	1912.....	52	1,036	55.3	.316	17.41				2	11	33	28	19	7
	1913.....	52	937	55.3	.333	18.37					7	37	37	20	1
	1914.....	49	749	54.9	.350	19.21				( <sup>2</sup> )	8	30	49	11	1
	1916.....	46	543	54.8	.347	18.99				( <sup>2</sup> )	12	35	41	1	
	1918.....	35	344	51.7	.478	24.62				64	12	4	11	8	
	1920.....	25	211	47.0	.803	38.17	46		37	13	2	2			
	1922.....	16	97	46.7	.813	38.29	59		24	3		3			
Pullers-over, machine:															
Male.....	1910.....	31	251	57.4	.320	18.37						20	14	33	32
	1911.....	43	328	56.1	.325	18.18						34	37	16	14
	1912.....	60	402	55.8	.312	17.39				2	9	37	16	20	17
	1913.....	60	421	55.4	.351	19.42				1	7	43	25	19	6
	1914.....	71	443	55.5	.356	19.66				4	8	24	39	23	4
	1916.....	116	640	55.0	.377	20.70				5	8	27	43	14	4
	1918.....	124	612	52.6	.512	26.77				3	41	10	14	9	( <sup>2</sup> )
	1920.....	101	552	48.8	.837	41.08	10	1	56	21	1	10	1	1	
	1922.....	91	554	48.9	.732	36.06	8		56	23		11	1		

<b>Side lasters, hand:</b>														
Male.....	1913.	20	224	54.2	.303	16.40					43	27	24	6
	1914.	20	237	54.0	.308	16.59					50	19	27	4
	1916.	40	358	54.1	.325	17.57					3	34	29	5
	1918.	43	394	51.9	.440	22.74					51	29	7	10
	1920.	42	445	48.2	.708	35.35	9	( <sup>2</sup> )	74	12		4	1	3
	1922.	31	362	47.8	.614	29.28	22		54	18	2			
<b>Side lasters, machine:</b>														
Male.....	1913.	16	155	56.1	.323	18.23						41	22	34
	1914.	16	167	54.3	.343	18.54					19		35	11
	1916.	45	291	54.9	.339	18.53					2	9	33	43
	1918.	57	292	52.2	.468	24.35			8	45	9	14	14	9
	1920.	51	322	48.9	.772	37.68	8		63	16		11	2	
	1922.	56	338	49.3	.620	30.79	4	16	43	21	2	13	2	
<b>Bed-machine operators:</b>														
Male.....	1907.	15	246	54.7	.350	(1)					22	51	9	18
	1908.	15	300	54.8	.334	(1)					8	65	10	17
	1909.	15	307	54.8	.342	(1)					10	62	11	17
	1910.	35	513	56.4	.311	17.50					3	33	15	30
	1911.	54	793	56.1	.321	17.96					3	33	25	23
	1912.	65	1,127	55.6	.300	16.67					9	40	19	22
	1913.	65	1,220	55.2	.330	18.21					10	41	29	16
	1914.	70	1,173	55.1	.321	17.68					15	30	38	14
	1916.	93	1,336	55.0	.349	19.13				2	15	31	37	12
	1918.	104	1,303	52.1	.500	25.98			2	51	14	15	10	7
	1920.	93	1,252	48.7	.789	38.61	8	( <sup>2</sup> )	67	14		10	1	
	1922.	86	1,167	48.9	.668	32.78	8		60	18	1	12	1	
<b>Hand method lasting-machine operators:</b>														
Male.....	1907.	6	99	57.1	.311	(1)							39	61
	1908.	6	89	56.6	.307	(1)							54	46
	1909.	6	75	56.7	.309	(1)							52	48
	1910.	33	325	57.4	.306	17.49						12	28	27
	1911.	39	477	57.0	.316	17.96						20	29	24
	1912.	39	478	55.8	.324	18.03					5	39	18	20
	1913.	41	449	55.3	.357	19.72					3	45	32	15
	1914.	41	456	55.5	.348	19.25					9	14	48	26
	1916.	66	556	55.1	.361	19.82					8	3	24	47
	1918.	59	411	52.9	.479	25.22			9	34	2	24	16	14
	1920.	30	213	48.9	.795	39.06	31		15	35	4	13	14	
	1922.	27	178	49.3	.735	36.38	15		21	51	2	11		3
<b>Turn lasters, hand:</b>														
Male.....	1912.	28	452	55.6	.275	15.25					24	12	16	28
	1913.	28	524	55.0	.310	17.00					27	23	17	28
	1914.	31	689	54.4	.324	17.56				12	16	10	49	8
	1916.	42	974	54.9	.365	20.07				7	14	16	44	17
	1918.	35	752	53.8	.453	24.34				18	22	10	42	9
	1920.	33	666	47.1	.880	42.49	30	2	49	10			9	
	1922.	30	571	48.5	.732	35.76	15		57	18	2		8	

<sup>1</sup> No data.

<sup>2</sup> Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—								
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>LASTING DEPARTMENT—Concluded.</b>														
Turn lasters, machine:														
Male.....1920.....	10	102	48.6	\$0.756	\$37.35	3		61	36					
1922.....	7	31	48.1	.630	30.50	10		68	23					
Turn sewers:														
Male.....1916.....	29	81	54.4	.442	24.00				12	11	17	47	12	
1918.....	25	67	53.7	.500	26.75				24	13	13	40	9	
1920.....	30	71	49.1	.926	46.26	17	1	44	20			18		
1922.....	25	55	49.8	.801	40.14	13		53	11			15	9	
Tack pullers, hand:														
Male.....1920.....	39	155	47.8	.471	22.53	17		63	20					
1922.....	38	114	47.9	.471	22.58	18		65	13		4			
Tack pullers, machine:														
Male.....1920.....	70	270	48.9	.448	21.88	8	1	63	15		12			
1922.....	62	234	49.0	.399	19.68	7		60	18	( <sup>2</sup> )	14	( <sup>2</sup> )		
Female.....1920.....	7	21	49.0	.349	16.84	5		67	14		14			
1922.....	5	23	48.9	.299	14.57			57	43					
<b>BOTTOMING DEPARTMENT.</b>														
Goodyear welters:														
Male.....1907.....	14	67	55.9	\$0.409	(1)						33	28	39	
1908.....	14	70	56.0	.409	(1)						33	26	41	
1909.....	14	74	55.7	.444	(1)						36	28	35	
1910.....	45	275	56.2	.437	\$24.49				1	7	29	23	22	19
1911.....	60	392	56.0	.452	25.21					7	34	24	20	16
1912.....	70	466	55.8	.445	24.75					9	38	20	21	13
1913.....	70	472	55.3	.501	27.60					9	40	29	18	3
1914.....	74	439	55.2	.503	27.68					11	33	38	15	3
1916.....	89	467	54.9	.520	28.50					1	15	34	33	4
1918.....	93	469	52.3	.620	32.29					49	16	18	13	7
1920.....	80	415	48.6	.974	47.81	7	( <sup>2</sup> )	68	16		8	( <sup>2</sup> )		
1922.....	74	375	48.4	.889	43.30	12	1	63	16	3	5			



TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employes.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>BOTTOMING DEPARTMENT—Concluded.</b>															
McKay sewers:															
Male.....	1907.	5	34	55.2	\$0.288	(1)					41		32	26	
	1908.	5	25	55.3	.311	(1)					36		36	28	
	1909.	5	28	55.7	.274	(1)					32		29	29	
	1910.	28	95	57.1	.290	\$16.46				1	11	5	25	32	26
	1911.	30	129	56.5	.296	16.63					10	7	38	33	12
	1912.	32	131	56.1	.286	16.00					2	20	32	40	6
	1913.	32	136	55.6	.319	17.70					4	26	46	22	3
	1914.	39	147	55.7	.338	18.77				5	5	4	56	24	5
	1916.	61	210	55.2	.349	19.51				7	7	20	42	18	6
	1918.	62	203	52.9	.449	23.56			4	34	8	31	15	9	
	1920.	45	158	49.4	.711	35.53			23	1	26	23	3	1	
	1922.	39	138	50.2	.659	33.38			20		22	40	4	22	2
Stitch separators:															
Male.....	1920.	63	156	49.0	.558	27.16			10	1	54	19		15	1
	1922.	45	108	48.7	.498	24.45			6		63	21		7	
Levelers:															
Male.....	1911.	36	102	55.8	.297	16.49						7	31	23	36
	1912.	75	268	55.9	.286	15.90						9	30	24	23
	1913.	75	289	55.2	.304	16.74						12	33	31	22
	1920.	94	323	48.9	.650	32.09			8	1	54	27	(2)	8	1
	1922.	96	318	49.0	.580	28.43			10		50	26		10	2
Heelers, leather:															
Male.....	1911.	31	115	55.8	.403	22.52						9	29	23	38
	1912.	67	254	56.2	.378	21.17						4	34	19	27
	1913.	72	291	55.3	.424	23.32						7	42	30	19
	1914.	84	324	55.3	.402	22.18						2	12	23	40
	1916.	130	440	55.0	.430	23.59						5	13	26	37
	1918.	137	419	52.8	.502	26.37					3	37	13	19	19
	1920.	111	382	48.7	.832	40.73			13	1	55	20	1	9	1
	1922.	98	348	48.9	.759	37.15			10		53	25	1	9	1
Heelers, wood:															
Male.....	1918.	18	248	54.1	.477	25.61					19	27	12	15	25
	1920.	33	533	47.4	.899	42.92			22		66	11		(2)	
	1922.	27	245	47.9	.706	33.54			17		62	20		1	



TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>FINISHING DEPARTMENT.</b>															
<b>Buffers:</b>															
<b>Male:</b>															
1911..	36	174	55.8	\$.294	\$16.37					3	29	28	39	1	
1912..	72	338	56.0	.289	16.09					6	32	20	31	11	
1913..	72	358	55.3	.318	17.52					6	35	37	17	5	
1914..	81	396	55.3	.309	17.05				4	8	19	48	18	3	
1916..	129	535	54.9	.327	17.92				4	9	27	46	12	3	
1918..	129	476	52.7	.424	22.20			4	39	12	17	19	9	(2)	
1920..	111	449	48.8	.726	35.69	14	1	61	10	1	9	3	1		
1922..	98	408	49.0	.630	30.95	11		49	27	2	9	2			
<b>Edge setters:</b>															
<b>Male:</b>															
1907..	18	134	56.0	.400	(1)						23	37	40		
1908..	18	142	56.2	.351	(1)						20	34	46		
1909..	18	150	56.1	.381	(1)						23	35	41		
1910..	54	560	56.3	.373	20.94				1	13	17	25	26	18	
1911..	68	722	56.3	.380	21.29					8	26	24	25	17	
1912..	78	789	55.8	.379	21.05					7	35	24	22	13	
1913..	77	826	55.3	.411	22.70					8	36	33	19	3	
1914..	86	872	55.2	.410	22.54				3	13	21	43	17	3	
1916..	131	966	54.9	.414	22.62			2	5	13	27	39	13	3	
1918..	138	924	52.7	.525	27.57			2	40	15	17	18	8	(2)	
1920..	112	845	48.7	.873	42.84	11	(2)	58	21	(2)	8	2	(2)		
1922..	99	779	48.9	.757	37.02	9		55	22	1	9	2			
<b>Heel scourers:</b>															
<b>Male:</b>															
1911..	35	125	54.8	.291	16.12					6	35	24	34	2	
1912..	78	342	56.0	.289	16.09					6	34	20	26	15	
1913..	78	364	55.4	.314	17.35					10	34	34	18	5	
1914..	84	372	55.3	.310	17.10				2	12	21	43	18	4	
1916..	125	504	55.0	.346	18.94				4	14	26	39	13	4	
1918..	129	470	52.7	.438	22.92			4	38	12	20	16	9		
1920..	108	451	48.7	.726	35.38	12	1	57	18	1	9	2	(2)		
1922..	97	421	48.9	.607	29.79	10		53	23	1	11	1			
<b>Heel burnishers:</b>															
<b>Male:</b>															
1911..	33	106	55.6	.306	16.97					2	40	25	32	1	
1912..	74	254	56.1	.292	16.31					5	33	22	25	15	
1913..	75	280	55.5	.317	17.54					5	39	32	20	4	
1914..	84	283	55.5	.322	17.86				1	9	21	43	21	4	
1916..	127	367	55.2	.325	17.84				4	9	27	30	25	5	

1918..	128	325	52.8	.433	22.66			2	42	10	18	18	10	( <sup>2</sup> )
1920..	109	304	48.7	.704	34.50	14	1	50	22	2	8	1	1	
1922..	92	300	48.9	.584	28.75	10		51	27	1	10	1		
<b>Brushers:</b>														
Male.....	1920..	86	300	48.4	.474	22.96	18	( <sup>2</sup> )	54	17	1	9	1	
.....	1922..	80	298	48.9	.431	21.10	7		59	23	1	7	3	
Female.....	1920..	17	36	49.6	.350	16.62	3		47	36		11		3
.....	1922..	10	24	50.5	.324	16.42	4		13	50	17	17		
<b>Shoe cleaners:</b>														
Male.....	1920..	34	109	48.1	.488	23.10	21		44	28	1	6		
.....	1922..	36	150	49.0	.431	21.15	11		36	45	3	6		
Female.....	1920..	28	175	48.8	.331	16.09	24	1	34	26		15		
.....	1922..	33	193	48.1	.325	15.79	22		45	32	2	1		
<b>Last pullers:</b>														
Male.....	1920..	97	266	48.9	.524	25.34	13	2	50	22	( <sup>2</sup> )	9	3	1
.....	1922..	88	233	49.0	.460	22.74	10		48	27	5	8	2	
<b>Treers:</b>														
Male.....	1907..	17	381	54.7	.305	(1)				28	40	19	13	
.....	1908..	17	364	54.5	.294	(1)				29	36	28	6	
.....	1909..	17	377	54.6	.293	(1)				28	33	30	9	
.....	1910..	44	832	55.9	.259	14.42				21	17	27	18	17
.....	1911..	63	1,006	56.0	.267	14.84				10	26	31	18	15
.....	1912..	73	1,143	55.8	.266	14.76				10	34	23	19	14
.....	1913..	73	1,110	55.3	.282	15.54				11	37	29	20	4
.....	1914..	80	1,204	55.3	.279	15.38				14	27	38	18	3
.....	1916..	124	1,652	54.9	.291	15.94		3	2	18	36	29	10	2
.....	1918..	125	1,387	52.3	.403	20.98		2	7	42	18	11	15	5
.....	1920..	98	1,106	48.3	.677	33.03	12	11	53	16	4	3		
.....	1922..	90	970	48.6	.577	28.12	12		59	18	1	9	1	
Female.....	1910..	8	74	57.8	.143	8.19					30		43	27
.....	1911..	11	85	58.1	.145	8.32					27		29	44
.....	1912..	13	108	54.4	.153	8.32				10	62	12	16	
.....	1913..	13	110	54.6	.158	8.56				18	55		26	
.....	1914..	18	107	52.1	.175	9.06			41	40	9	7		
.....	1916..	15	144	53.1	.188	9.93			41	41	37	8		
.....	1918..	31	211	53.3	.232	12.25			31	8	36	14	11	
.....	1920..	37	296	49.7	.403	19.95	9	5	36	27	1	14	4	4
.....	1922..	35	228	49.3	.396	19.51	2		54	31	2	10	1	
<b>Repairers (not cobblers):</b>														
Male.....	1920..	57	169	48.1	.505	24.37	15	1	66	11	1	6		
.....	1922..	49	126	48.3	.462	22.30	13		63	16	2	6		
Female.....	1920..	87	711	47.7	.392	18.69	26	( <sup>2</sup> )	54	13	1	5	( <sup>2</sup> )	
.....	1922..	79	668	48.2	.377	18.18	16		62	13	1	6	1	
<b>Dressers:</b>														
Male.....	1920..	11	16	47.6	.391	18.47	25		50	25				
.....	1922..	14	18	48.6	.395	19.04	17		44	28		11		
Female.....	1920..	78	253	48.5	.367	17.81	15	1	57	15	1	9	1	1
.....	1922..	73	288	49.0	.339	17.35	5		54	31	2	7	1	

<sup>1</sup>No data.

<sup>2</sup>Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Concluded.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Per cent of employees whose full-time hours per week were—									
						45 or less.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>FINISHING DEPARTMENT—Concluded.</b>															
<b>Sock liners:</b>															
Male.....	1920..	14	30	48.8	\$0.381	\$18.70	13		60	7		20			
.....	1922..	11	21	48.5	.378	18.25	14		62	14		5	5		
Female.....	1920..	95	321	48.7	.374	18.13	16	1	54	16	2	10	1	1	
.....	1922..	90	279	49.0	.355	17.36	11		49	25		13		1	
<b>Lacers:</b>															
Male.....	1920..	9	11	48.5	.444	20.70	18		36	36		9			
.....	1922..	4	7	47.9	.281	13.71	14		71	14					
Female.....	1920..	89	304	48.7	.323	15.64	12		58	21	(2)	8	1	1	
.....	1922..	82	235	48.9	.304	14.81	7		57	25		10		1	
<b>Packers:</b>															
Male.....	1920..	38	96	49.2	.470	24.02	14		35	36	1	13	1		
.....	1922..	17	43	50.0	.477	23.75	2		58	7	2	28	2		
Female.....	1920..	100	503	48.3	.353	17.10	19	1	54	15	1	9	(2)	1	
.....	1922..	90	397	48.2	.351	16.97	21		49	21	2	5	1		
<b>ALL DEPARTMENTS.</b>															
<b>Other employees:</b>															
Male.....	1914..	91	20,887	55.0	\$0.224	\$12.29			(3)	3	11	23	43	17	4
.....	1916..	135	24,010	55.0	.243	13.35			(3)	4	12	29	37	13	3
.....	1918..	143	23,324	52.7	.327	17.17			43	40	14	19	14	8	1
.....	1920..	117	10,445	48.7	.518	25.22	11	(2)	60	17	(2)	9	3	(2)	
.....	1922..	104	10,133	49.0	.461	22.58	7	(2)	63	17	1	9	1	(2)	1
Female.....	1914..	89	12,347	54.0	.168	9.05			(3)	5	17	56	16	6	(2)
.....	1916..	134	14,851	53.8	.178	9.62			41	8	16	55	16	5	
.....	1918..	142	16,007	51.8	.226	11.67			43	48	15	30	5		
.....	1920..	116	6,964	48.6	.361	17.73	11	(2)	59	18	1	9	1	1	
.....	1922..	101	5,074	48.8	.334	16.39	8	(2)	64	16	2	10	1		

<sup>2</sup> Less than 1 per cent.

<sup>3</sup> Less than 1 per cent and for those whose full-time hours per week as classified for this year were "48 and under."

<sup>4</sup> For those whose full-time hours per week as classified for this year were "48 and under."

It will be observed that data are not shown in the above table or in any other table of this report for "Other employees" for any year prior to 1914. Data covering "Other employees" were not collected prior to that year.

The table also shows that the number of "Other employees" (males and females combined) in 1920 and in 1922 is 17,409 and 15,207, respectively, compared with 33,234 in 1914; 38,861 in 1916; and 39,331 in 1918. The decrease in the numbers is due principally to the fact that in 1914, 1916, and 1918, the data for "Other employees" included 39 occupations reported separately for 1920 and 1922.

### EXPLANATION OF SCOPE AND METHOD.

The 1922 data used in this bulletin are for employees of establishments engaged wholly or mainly in the production of men's, women's, or children's shoes by the welt, McKay, turn, or stitch-down process.

During the 1922 period covered by this report 18 of the 104 establishments for which data are presented produced men's shoes only; 8 produced men's and women's; 16 produced men's and boy's; 9 produced men's, women's, and children's; 29 produced women's; and 24 produced women's and children's shoes. Welt shoes were produced by 38 establishments; welt and McKay by 15; welt and turn by 12; welt, McKay, and turn by 11; McKay by 18; McKay and turn by 2; turn by 2; turn and stitch down by 2; welt and nailed by 1; McKay and nailed by 1; welt, McKay, turn, and stitch down by 1; and stitch down by 1.

Data were not collected from any establishment in which 50 per cent or more of the products were pegged shoes, nailed shoes, or slippers.

All data were obtained from pay rolls of the various establishments by the agents of the bureau. The number of establishments from which data have been obtained has varied considerably from year to year since 1907. The number by years is as follows:

	Number of establishments.
1907.....	26
1908.....	26
1909.....	26
1910.....	60
1911.....	81
1912.....	81
1913.....	88
1914.....	91
1916.....	136
1918.....	143
1920.....	117
1922.....	104

In selecting establishments from which to obtain data the bureau undertook to represent all States in which boot and shoe manufacturing is of material importance, the measure of importance being the number of wage earners as reported by the United States Census of Manufactures. Table 2, which follows, shows by States the number of wage earners in this industry as reported by the United States census, 1919; the number of establishments from which the bureau obtained data for 1922, and the number of employees in such establishments.

TABLE 2.—TOTAL NUMBER OF WAGE EARNERS IN BOOT AND SHOE MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN IN 1922.

State.	Number of wage earners reported by United States census, 1919.	Number of establishments and employees for which data are shown for 1922 in this report.	
		Establishments.	Employees.
Massachusetts.....	80,166	26	13,040
New York.....	34,710	12	6,153
Missouri.....	17,458	9	6,569
Ohio.....	14,092	8	4,632
Pennsylvania.....	13,317	10	3,146
New Hampshire.....	12,336	9	3,604
Maine.....	9,919	5	2,885
Illinois.....	7,684	5	2,766
Wisconsin.....	7,598	5	1,270
New Jersey.....	2,835	5	831
Minnesota.....	2,153	3	731
Michigan.....	1,120	3	557
Virginia.....	(1)	4	1,177
Other States <sup>2</sup> .....	7,661	.....	.....
Total.....	211,049	104	47,361

<sup>1</sup> Included in "Other States" in 1914 and 1919. In 1910 there were 2,711.

<sup>2</sup> Virginia, Alabama, California, Connecticut, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Nebraska, North Carolina, Oklahoma, Oregon, Rhode Island, Tennessee, Texas, Utah, Vermont, Washington, and West Virginia.

According to the census of 1919 approximately 96 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the bureau obtained 1922 data and for which detailed information for 1922 is presented in this report is more than 22 per cent of the total number of persons in the industry in 1919.

Full-time hours per week are the regular or customary hours during which, under normal conditions, employees of an occupation or of an establishment have an opportunity to work. Full-time hours per week, as presented in the tables of this report, do not in any way indicate the amount of employment or the amount of unemployment during any of the pay-roll periods covered in any of the years for which data are shown. Some employees of an occupation or of an establishment may have worked more than full time during the pay-roll period taken, due to overtime work, while others may have worked less than full time on account of having been sick, disabled or laid off part time, or of having been in service less than full time on account of termination of service before the end of the pay-roll period covered or of having entered service after the beginning of the period.

The amount of employment and conversely of unemployment is indicated in the comparison of "Average full-time hours per week" with "Average hours actually worked in one pay-roll period," which averages are shown in parallel columns in Table A, pages 40 to 91. The average in one column shows the possible hours of opportunity for work under normal conditions, while the average in the other column shows the number actually worked.

The average earnings per hour for employees of each occupation, as presented in the various tables of this report, were computed by dividing the combined earnings of all employees in the occupation during the pay-roll period by the combined hours worked by all employees in the occupation.

No separation has been made of piece workers and time workers.

In establishments in which no record was regularly kept of the actual time worked by employees at piece work, a day-by-day record of all time actually worked by each employee who did any piece work during the pay-roll period covered was kept by the establishments at the request of the agent of the bureau.

Average full-time hours per week for employees of each occupation were computed by dividing the combined full-time hours per week of all employees in the occupation by the number of employees in the occupation during the pay-roll period covered. The full-time hours per week for each employee were used in arriving at this average even though some employees worked more or less than full time on account of overtime, sickness, disability, or some other cause.

Average full-time earnings per week for employees of each occupation were computed by multiplying the average earnings per hour of all employees in the occupation by the average full-time hours per week. This assumes that the earnings for full time would have been at the same average rate per hour during the time that was actually worked in the week covered.

Table 3 shows for each of 14 of the most important occupations, and for each of the years 1913 to 1922 for which data are available, the number of establishments, the number of employees, the average earnings per hour, and the per cent of employees at each classified group of earnings per hour.

Data are shown for 1922 for males in 13 and for females in 8 of the 14 selected occupations. The males in these particular occupations represent 28 per cent of the total number of males covered by the study and the females in this table represent 31 per cent of the total number of females. The males and females combined represent 29 per cent of all employees (47,361) covered. The primary purpose of this table is to show the trend in the classified rates per hour.

In reading line 1 of the table it will be observed that data are shown for vamp and whole shoe cutters, males, for 1913 for 71 establishments and 1,987 employees; that the average earnings per hour in 1913 was \$0.351; that less than 1 per cent of the 1,987 employees earned "12 and under 16 cents" per hour; 2 per cent earned "16 and under 20 cents"; 8 per cent earned "20 and under 25 cents"; 15 per cent earned "25 and under 30 cents"; 53 per cent earned "30 and under 40 cents"; 17 per cent earned "40 and under 50 cents"; and 5 per cent earned "50 cents or over" per hour.

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND YEARS, 1913 TO 1922.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average earnings per hour.	Per cent of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>CUTTING DEPARTMENT.</b>																	
Cutters, vamp and whole shoe, hand:																	
Male.....			\$	(1)	2	8	15	53	17	25							
1913..	71	1,987	.351														
1914..	75	1,812	.366	1	2	6	11	50	20	210							
1916..	113	2,355	.375	(1)	1	6	12	46	26	29							
1918..	114	2,319	.484	(1)	1	2	4	18	24	34	11	35					
1920..	91	2,050	.829					2	5	9	11	12	17	23	16	5	2
1922..	84	1,915	.787				(1)	3	7	11	13	15	20	10	17	4	2
Skivers, upper:																	
Male.....				4	6	9	25	46	7	23							
1913..	32	134	.299														
1914..	29	116	.299	3	9	7	13	58	9	21							
1916..	32	124	.311	2	3	2	9	15	57	7	24						
1918..	23	96	.423		2	1	5	49	22	7	7	86					
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	
Female.....				5	13	28	31	15	7	1							
1913..	67	439	.209														
1914..	77	446	.209	4	15	29	27	16	7	1							
1916..	113	591	.209	6	17	26	27	13	10	1	21						
1918..	121	697	.267	1	6	15	27	18	28	5	1	(1)					
1920..	105	611	.434		(1)	2	3	12	30	22	18	4	1	1	1		(1)
1922..	94	539	.430		(1)	1	5	11	30	23	19	5	3	3	1	(1)	

FITTING OR STITCHING DEPARTMENT.

Cementers and doublers, hand and machine:																
Male.....	1920..	14	21	\$0.453												
	1922..	8	29	.528												
Female.....	1920..	107	1,133	.353		2	6	16	16	27	17	9	4	1	1	(1)
	1922..	89	913	.337	(1)	2	5	18	21	23	15	9	4	2		(1)
Lining makers:																
Female.....	1913..	80	854	.190	13	21	25	26	10	6	(1)					
	1914..	84	852	.189	12	21	27	26	9	5	(1)					
	1916..	126	1,004	.198	10	19	25	26	13	7	1	(4)				
	1918..	132	1,138	.241	3	12	19	25	19	19	3	1				
	1920..	112	1,149	.378		(1)	3	7	15	34	24	10	4	1	(1)	(1)
	1922..	97	1,055	.362		1	3	14	17	32	20	8	4	2	(1)	(1)
Top stitchers:																
Male.....	1920..	16	57	.639						7	25	18	25	4	9	
	1922..	19	64	.657			2	2	3	5	30	14	13	5	11	6
Female.....	1913..	82	1,070	.210	4	20	23	29	16	7	1					
	1914..	86	1,076	.212	5	16	24	31	15	8	1	(4)				
	1916..	128	1,427	.220	4	15	22	31	17	10	2	(4)				
	1918..	135	1,364	.285	1	4	11	20	22	31	8	2	(1)			
	1920..	112	1,187	.448		(1)	1	4	9	24	27	19	10	4	1	1
	1922..	100	1,195	.433	(1)	(1)	1	8	11	27	23	14	7	3	2	1
Vampers:																
Male.....	1913..	66	554	.320		2	6	12	21	41	17	2				
	1914..	65	584	.312	1	2	6	17	20	37	14	2				
	1916..	82	624	.333		1	5	13	16	44	16	2				
	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
	1922..	52	357	.628				1	2	11	15	18	21	11	9	6
Female.....	1913..	79	1,072	.246	1	8	18	31	22	17	3	(4)				
	1914..	85	1,116	.243	2	9	20	27	22	19	2	(4)				
	1916..	121	1,383	.254	2	6	15	27	24	22	3	(4)				
	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
	1922..	98	1,142	.480		(1)	(1)	4	8	22	21	20	13	6	3	1

1 Less than 1 per cent.

2 Grouped under "50 cents and over" in previous report.

3 Grouped under "70 cents and over" in previous report.

4 Less than 1 per cent and grouped under "50 cents and over" in previous report.

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND YEARS, 1913 TO 1922—Concluded.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average earnings per hour.	Per cent of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>LASTING DEPARTMENT.</b>																	
<b>Assemblers, for pulling-over machine:</b>																	
Male.....1913..	54	597	\$.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	5	2	.....	.....	.....	.....
.....1920..	88	691	.638	.....	.....	(1)	2	3	9	12	15	17	18	12	5	4	2
.....1922..	70	593	.567	.....	(1)	1	2	3	14	18	16	26	10	6	3	2	1
Female.....1920..	23	77	.500	.....	.....	.....	1	12	21	18	16	13	14	4	.....	1	.....
.....1922..	15	58	.434	.....	.....	2	3	.....	45	24	16	5	2	3	.....	.....	.....
<b>Bed-machine operators:</b>																	
Male.....1913..	65	1,220	.330	.....	(1)	3	10	25	45	14	2	.....	.....	.....	.....	.....	.....
.....1914..	70	1,173	.321	(1)	1	4	11	24	45	12	2	.....	.....	.....	.....	.....	.....
.....1916..	93	1,336	.349	(1)	1	2	9	19	43	20	2	.....	.....	.....	.....	.....	.....
.....1918..	104	1,303	.500	.....	(1)	(1)	1	4	14	30	32	12	6	.....	.....	.....	.....
.....1920..	93	1,252	.789	.....	.....	.....	(1)	(1)	2	5	10	15	20	19	13	12	3
.....1922..	86	1,167	.668	.....	(1)	.....	(1)	(1)	4	13	18	26	16	9	7	5	1
<b>Turn lasters, hand:</b>																	
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	2	.....	.....	.....	.....	.....	.....
.....1918..	35	752	.453	(1)	(1)	1	3	5	26	31	22	8	3	.....	.....	.....	.....
.....1920..	33	666	.880	.....	.....	.....	.....	.....	1	4	12	11	16	12	11	18	10
.....1922..	30	571	.732	.....	.....	.....	(1)	1	4	11	13	14	13	17	10	9	5

BUREAU OF STATISTICS DEPARTMENT OF LABOR



To aid in making comparisons from year to year of full-time hours per week, of rates of wages or earnings per hour, and of full-time earnings per week, index numbers have been computed and are here presented in Table 4 for the years 1910 to 1922 for the industry as a whole and for each occupation for which averages are shown in Table 1 for 1913. These index numbers for each occupation are based on the averages shown in Table 1, and are simply percentages with the 1913 averages taken as the basis, or 100 per cent.

The index numbers for the industry as a whole for the years 1910 to 1914, inclusive, are percentages based on the averages for all employees of the selected occupations that were covered in each year, with the 1913 averages taken as the basis or 100 per cent.

The index numbers for the industry as a whole for the later years are based on the averages for each year for all employees in the plant including all selected occupations and all "Other employees" as well. For these averages index numbers have been computed by multiplying the index numbers for 1914 by the percentage that the 1916 average for all employees is of the 1914 average for all employees. Index numbers for each of the years since 1916 were computed in like manner; that is, by multiplying the index number of the preceding year by the percentage that the average for the current year is of the average for the preceding year.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922.

[1913=100.]

Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.	Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.
<b>THE INDUSTRY.</b>				<i>Cutting department—</i>			
1910.....	103	92	94	Concluded.			
1911.....	102	94	96	<i>Skivers, upper:</i>			
1912.....	101	93	83	<i>Male.....</i>			
1913.....	100	100	100	1910..	100	96	97
1914.....	99	101	100	1911..	101	98	98
1916.....	99	108	106	1912..	100	94	95
1918.....	95	139	131	1913..	100	100	100
1920.....	88	231	202	1914..	100	100	99
1922.....	88	208	184	1916..	100	104	104
				1918..	93	141	133
				1920..	88	193	176
				1922..	87	199	182
				<i>Female.....</i>			
<i>Cutting department.</i>				1910..	104	84	87
Cutters, vamp and whole shoe, hand:				1911..	104	84	88
<i>Male.....</i>				1912..	101	92	93
1910.....	103	91	94	1913..	100	100	100
1911..	103	89	92	1914..	99	100	99
1912..	101	92	92	1916..	99	100	99
1913..	100	100	100	1918..	95	128	129
1914..	99	104	103	1920..	89	208	189
1916..	99	107	106	1922..	89	206	183
1918..	95	138	132				
1920..	88	236	211	<i>Sole-leather department.</i>			
1922..	89	224	200	<i>Cutters, outsole:</i>			
Cutters, vamp and whole shoe, machine:				<i>Male.....</i>			
<i>Male.....</i>				1910..	102	90	93
1910.....	105	93	97	1911..	102	92	94
1911..	103	97	100	1912..	101	93	94
1912..	101	97	98	1913..	100	100	100
1913..	100	100	100	1914..	99	100	100
1914..	100	101	101	1916..	99	101	100
1916..	99	102	102	1918..	94	134	126
1918..	94	137	130	1920..	87	236	208
1920..	88	250	214	1922..	88	233	204
1922..	89	200	180				

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Continued.

[1913=100.]

Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.	Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.
<i>Sole-leather department—</i> Concluded.				<i>Fitting or stitching department—</i> Concluded.			
Channelers, outsole or insole:				Vampers:			
Male.....	1910.. 102	89	90	Male.....	1910.. 101	92	93
	1911.. 102	87	88		1911.. 101	98	100
	1912.. 101	89	90		1912.. 100	96	96
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 100	99	99		1914.. 100	98	98
	1916.. 99	102	101		1916.. 100	104	104
	1918.. 95	129	122		1918.. 94	138	130
	1920.. 88	209	186		1920.. 87	219	194
	1922.. 89	195	174		1922.. 87	196	172
<i>Fitting or stitching department.</i>				Female.....			
	1910.. 102	94	95		1910.. 104	97	100
	1911.. 100	95	95		1911.. 103	97	100
	1912.. 100	100	100		1912.. 101	93	94
	1913.. 99	100	99		1913.. 100	100	100
	1914.. 99	105	104		1914.. 99	99	98
	1916.. 95	132	124		1916.. 99	103	102
	1918.. 89	204	182		1918.. 95	127	120
	1920.. 89	194	173		1920.. 89	206	187
	1922.. 89	194	173		1922.. 90	195	175
Tip stitchers:				Backstay stitchers:			
Female.....	1911.. 102	94	95	Female.....	1910.. 103	91	94
	1912.. 100	95	95		1911.. 103	95	98
	1913.. 100	100	100		1912.. 101	96	97
	1914.. 99	100	99		1913.. 100	100	100
	1916.. 99	105	104		1914.. 99	101	101
	1918.. 95	132	124		1916.. 99	109	108
	1920.. 89	204	182		1918.. 95	134	127
	1922.. 89	194	173		1920.. 89	214	193
Lining makers:				Lasting department.			
Female.....	1910.. 103	86	89	Assemblers, for pulling-over machine:			
	1911.. 103	87	89	Male.....	1911.. 100	101	101
	1912.. 101	89	90		1912.. 101	88	88
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 99	99	98		1914.. 100	103	102
	1916.. 99	104	103		1916.. 99	107	107
	1918.. 94	127	119		1918.. 95	146	139
	1920.. 89	199	177		1920.. 88	235	210
	1922.. 89	191	171		1922.. 88	208	181
Closers-on:				Pullers-over, hand:			
Female.....	1910.. 105	92	96	Male.....	1910.. 102	87	89
	1911.. 105	93	97		1911.. 102	94	95
	1912.. 101	96	97		1912.. 100	95	95
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 99	99	99		1914.. 99	105	105
	1916.. 99	105	104		1916.. 99	104	103
	1918.. 96	122	117		1918.. 93	144	134
	1920.. 91	185	170		1920.. 85	241	208
	1922.. 92	203	189		1922.. 84	244	208
Top stitchers:				Pullers-over, machine:			
Female.....	1910.. 104	90	93	Male.....	1910.. 104	91	95
	1911.. 104	92	95		1911.. 101	93	94
	1912.. 101	94	94		1912.. 101	89	90
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 99	101	100		1914.. 100	101	101
	1916.. 99	105	103		1916.. 99	107	107
	1918.. 95	136	127		1918.. 95	146	138
	1920.. 89	213	191		1920.. 88	238	212
	1922.. 89	206	184		1922.. 88	209	186
Buttonhole makers:				Side lasters, hand:			
Female.....	1911.. 103	91	93	Male.....	1913.. 100	100	100
	1912.. 101	93	93		1914.. 100	102	101
	1913.. 100	100	100		1916.. 100	107	107
	1914.. 99	102	101		1918.. 96	145	139
	1916.. 98	112	110		1920.. 89	234	216
	1918.. 95	135	128		1922.. 88	203	179
	1920.. 90	202	184				
	1922.. 91	190	172				
Button fasteners:							
Female.....	1911.. 103	79	81				
	1912.. 101	89	89				
	1913.. 100	100	100				
	1914.. 98	99	97				
	1916.. 98	106	103				
	1918.. 96	116	110				
	1920.. 88	194	169				
	1922.. 90	170	151				

28 WAGES AND HOURS OF LABOR, 1907 TO 1922—BOOTS AND SHOES.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Continued.

[1913=100.]

Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.	Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.
<i>Lasting department—</i>				<i>Bottoming department—</i>			
<i>Concluded.</i>				<i>Concluded.</i>			
<i>Side lasters, machine:</i>				<i>McKay sewers:</i>			
Male.....	1913.. 100	100	100	Male.....	1910.. 103	91	93
	1914.. 97	106	102		1911.. 102	93	94
	1916.. 98	105	102		1912.. 101	90	90
	1918.. 93	145	134		1913.. 100	100	100
	1920.. 87	239	207		1914.. 100	106	106
	1922.. 88	192	169		1916.. 99	109	110
					1918.. 95	141	133
<i>Bed-machine operators:</i>					1920.. 89	223	201
Male.....	1910.. 102	94	96		1922.. 90	207	189
	1911.. 102	97	99	<i>Levelers:<sup>1</sup></i>			
	1912.. 101	91	92	Male.....	1911.. 101	98	99
	1913.. 100	100	100		1912.. 101	94	95
	1914.. 100	97	97		1913.. 100	100	100
	1916.. 100	106	105		1920.. 89	214	192
	1918.. 94	152	143		1922.. 89	191	170
	1920.. 88	239	212	<i>Heelers, leather:</i>			
	1922.. 89	202	180	Male.....	1911.. 101	95	97
<i>Hand-method lasting machine operators:</i>					1912.. 102	89	91
Male.....	1910.. 104	86	89		1913.. 100	100	100
	1911.. 103	89	91		1914.. 100	95	95
	1912.. 101	91	91		1916.. 99	101	101
	1913.. 100	100	100		1918.. 95	118	113
	1914.. 100	97	98		1920.. 88	196	175
	1916.. 100	101	101		1922.. 88	179	159
	1918.. 96	134	128	<i>Heel trimmers or shavers:</i>			
	1920.. 88	223	198	Male.....	1910.. 102	92	93
	1922.. 89	206	184		1911.. 102	93	94
<i>Turn lasters, hand:</i>					1912.. 101	94	95
Male.....	1912.. 101	89	90		1913.. 100	100	100
	1913.. 100	100	100		1914.. 100	97	97
	1914.. 99	105	103		1916.. 99	100	99
	1916.. 100	118	118		1918.. 95	119	113
	1918.. 98	146	143		1920.. 88	199	179
	1920.. 86	284	250		1922.. 88	190	154
	1922.. 88	236	210	<i>Heel breasters:</i>			
<i>Bottoming department.</i>				Male.....	1911.. 101	93	94
<i>Goodyear welters:</i>					1912.. 101	94	95
Male.....	1910.. 102	87	89		1913.. 100	100	100
	1911.. 101	90	91		1914.. 100	97	97
	1912.. 101	89	90		1916.. 99	102	101
	1913.. 100	100	100		1918.. 95	132	126
	1914.. 100	100	100		1920.. 88	230	205
	1916.. 99	104	103		1922.. 89	188	168
	1918.. 95	124	117	<i>Edge trimmers:</i>			
	1920.. 88	194	173	Male.....	1910.. 102	93	95
	1922.. 88	177	157		1911.. 102	95	96
<i>Rough rounders:</i>					1912.. 101	93	93
Male.....	1910.. 103	82	83		1913.. 100	100	100
	1911.. 102	88	89		1914.. 99	98	97
	1912.. 101	88	88		1916.. 99	103	102
	1913.. 100	100	100		1918.. 95	133	126
	1914.. 100	101	101		1920.. 88	220	195
	1916.. 99	99	98		1922.. 88	186	165
	1918.. 95	119	117	<i>Finishing department.</i>			
	1920.. 88	187	167	<i>Buffers:</i>			
	1922.. 88	165	146	Male.....	1911.. 101	92	93
<i>Goodyear stitchers:</i>					1912.. 101	91	92
Male.....	1910.. 102	94	95		1913.. 100	100	100
	1911.. 101	97	98		1914.. 100	97	97
	1912.. 101	94	95		1916.. 99	103	102
	1913.. 100	100	100		1918.. 95	133	127
	1914.. 100	103	103		1920.. 88	228	204
	1916.. 99	110	109		1922.. 89	198	177
	1918.. 95	132	125				
	1920.. 88	205	182				
	1922.. 88	190	168				

<sup>1</sup>No data obtained for this occupation for the years 1914, 1916, and 1918.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Concluded.

[1913=100.]

Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.	Department, occupation, sex, and year.	Index of full-time hours per week.	Index of hourly earnings.	Index of full-time weekly earnings.
<i>Finishing department—Continued.</i>				<i>Finishing department—Concluded.</i>			
Edge setters:				Heel burnishers—Con.			
Male.....1910..	102	91	92	Male.....1916..	99	103	102
1911..	102	92	94	1918..	95	137	129
1912..	101	92	93	1920..	88	222	197
1913..	100	100	100	1922..	88	184	164
1914..	100	100	99	Treers:			
1916..	99	101	100	Male.....1910..	101	92	93
1918..	95	128	121	1911..	101	95	95
1920..	88	212	189	1912..	101	94	95
1922..	88	184	163	1913..	100	100	100
Heel scourers:				1914..	100	99	99
Male.....1911..	99	93	93	1916..	99	105	105
1912..	101	92	93	1918..	95	145	137
1913..	100	100	100	1920..	87	244	216
1914..	100	99	99	1922..	88	205	181
1916..	99	110	109	Female.....1910..	106	91	96
1918..	95	139	132	1911..	106	92	97
1920..	88	231	204	1912..	100	97	97
1922..	88	193	172	1913..	100	100	100
Heel burnishers:				1914..	95	111	106
Male.....1911..	100	97	97	1916..	97	119	116
1912..	101	92	93	1918..	98	147	143
1913..	100	100	100	1920..	91	253	232
1914..	100	102	102	1922..	90	251	228

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

**REGULAR OR CUSTOMARY HOURS OF OPERATION.**

The regular or customary hours of an establishment are the hours of operation when the establishment is working its recognized standard of full time; in other words, the time between beginning work in the morning and closing in the afternoon less the regular time off duty for midday lunch or dinner.

Table 1, pages 3 to 18 shows for specified years, 1907 to 1922, the per cent of employees at each classified group of regular or customary full-time hours per week.

Table A, pages 40 to 91, shows the number of employees in each occupation within each group of regular or customary full-time hours per week. Data drawn from Table A and presented here for the 47,361 employees of the 104 establishments shows the per cent of employees at each classification.

Per cent of employees.	Regular or customary full-time hours per week.
Less than 1 per cent.....	Under 44 hours.
3 per cent.....	44 hours.
2 per cent.....	Over 44 and under 45 hours.
5 per cent.....	45 hours.
Less than 1 per cent.....	Over 45 and under 48 hours.
59 per cent.....	48 hours.
20 per cent.....	Over 48 and under 51 hours.
1 per cent.....	51 and under 54 hours.
9 per cent.....	54 hours.
1 per cent.....	Over 54 and under 57 hours.
Less than 1 per cent.....	57 and under 60 hours.
Do.....	60 hours and over.

Between April 1, 1920, and the period covered in 1922, regular or customary hours per week of 1 establishment were increased from 44 to 48 and of 2 from 48 to 50, and the hours of 1 were reduced from 59 to 56½; of 1 from 49½ to 48; and of 1 from 48 to 45. No change was made in the regular or customary hours of 98 establishments.

The hours per day of practically all employees whose hours per week were 44, were 8 for 5 days and 4 for 1 day; of those whose hours per week were 45, were 8 for 5 days and 5 for 1 day; of those whose hours per week were 48, were 8 for 6 days; and of those whose hours were 54 per week, were 9 per day for 6 days.

### REDUCTION IN WAGE RATES SINCE APRIL 1, 1920.

Fifty-seven of the 104 establishments for which data are presented in this report made changes in wage rates between April 1, 1920, and the period for which 1922 figures are shown, which resulted, as shown in Table 5 below, in an increase of 4 per cent in the rates of pieceworkers of 1 establishment and in a reduction of the rates of some or of all employees of 56 establishments. The reductions were as low as 2 per cent and as high as 28 per cent. Some establishments made two reductions; one made a reduction of 20 per cent followed later by another reduction of 10 per cent.

Forty-four establishments made no change in wage rates; 1 began operation late in 1921, and 2 began operation in January, 1922, after being closed throughout 1921.

TABLE 5.—CHANGE IN WAGE RATES OF BOOT AND SHOE EMPLOYEES IN UNITED STATES BETWEEN APRIL 1, 1920, AND PERIOD COVERED BY THE 1922 STUDY.

Number of establishments.	Employees affected.	Per cent of change in wage rates.
5	All.....	20 increase; 22½ decrease later.
1	All.....	12½ increase, 10 decrease later.
4	All.....	10 increase; 10 decrease later.
1	Piece-rate workers.....	4 increase.
1	All.....	25 decrease.
3	All.....	20 decrease.
1	All.....	20 decrease; 10 decrease later.
2	All.....	15 decrease.
1	All.....	13½ decrease. <sup>1</sup>
1	All.....	11½ decrease.
12	All.....	10 decrease.
3	Male.....	10 decrease.
2	All.....	10 decrease; 5 decrease later.
1	All.....	10 decrease. <sup>1</sup>
2	All except treers.....	10 decrease.
3	All piece workers except treers.	10 decrease.
1	All piece workers except edge setters, heel makers, and Goodyear welters.	10 decrease.
1	All except stitching and fitting departments.	15 decrease.
	Stitching and fitting departments.	10 decrease.
1	All.....	10 decrease. <sup>2</sup>
2	All.....	8 decrease.
1	All.....	7 decrease.
1	Piece workers.....	6 decrease.
1	All except a few.....	5 decrease.
	A few.....	10 decrease.
2	All except cutters.....	5 to 10 decrease.
	Cutters.....	15 decrease.
4	Cutters, vamp and whole shoe, hand.	2 decrease.

<sup>1</sup> Followed by 5 per cent reduction in rates of pieceworkers.

<sup>2</sup> Followed by 5 per cent reduction in rates of stock room employees, turn lasters, hand, and cutters machine.

## BONUS SYSTEMS.

Forty of the 104 establishments for which data are presented in this report had bonus systems in operation between April 1, 1920, and the period for which 1922 figures are shown by which earnings of employees were increased over and above earnings at regular or fixed rates. The bonus systems of 9 of these establishments were abolished, and the bonus payments of 7 establishments were reduced before the 1922 data were collected. No change was made in the bonus payments of 24 establishments.

It will be observed from Table 6 below that bonus systems are based on "Earnings," "Attendance," "Service," "Service and attendance," "Profits," or "Production or leather saving."

A bonus on "Earnings" means that the wages of employees at their regular piece or time rates were increased by the addition of a specified per cent. Example: An employee of the establishment shown on line 1 of the table below, whose rate was 50 cents per hour, worked 48 hours and earned \$24, and was paid a bonus of 25 per cent of his earnings, thereby making his actual earnings \$30 for 48 hours. No doubt some establishments, not included in the table below, would have simply made this an increase in wages instead of a bonus and would have raised the rate from 50 to 62½ cents per hour.

A bonus for "Attendance" means that earnings of employees at their regular piece or time rates were increased by the addition of a specified per cent or amount as a reward for attendance all or a specified part of the time that there was work to be done by employees of the establishment as a whole.

It will be observed from the data presented in line 6 of the table below that any employee of any of the 5 establishments who was in attendance and worked full time during the week received 10 per cent of his weekly earnings in addition to his earnings at his piece or time rate. Example: Employee at 50 cents per hour rate worked 48 hours, or full time, thereby earning \$24, to which 10 per cent, or \$2.40, was added for attendance, making his total earnings for the week \$26.40.

Under a "Service" bonus an employee who was in the service of a company when the bonus was paid, and who had been in service for a specified period of time, received an additional amount; for example, a specified per cent of his earnings, a per capita division of net profits, etc.

Under "Profit sharing" the earnings of employees at their piece or time rates were increased by the addition of a part of the net profits of the establishment.

A bonus for "Production or leather saving" means that the earnings of "cutters," for example, at their regular piece or time rates were increased by the addition of an amount that was saved by cutting more than a standard or specified number of pieces or parts of shoes from a standard or fixed quantity of material. Example: The standard or specified number of pieces to be cut from a quantity of material is 100. A cutter who was paid a regular rate of \$1 per hour cut 110 pieces from the quantity and was paid 1 cent additional for each cut over 100, thereby making his earnings \$1.10 for that hour.

The bonus systems of 31 establishments where such systems were in effect when data were collected for this report, and of 9 establishments where they were in effect April 1, 1920, but discontinued before the 1922 data were collected, are presented in Table 6 below.

TABLE 6.—BONUS SYSTEMS AFFECTING EARNINGS OF EMPLOYEES.

Number of establishments.	Bonus basis.	Persons entitled.	Necessary to be entitled.	Change in bonus.	Amount of bonus when 1922 data were collected.
1	Earnings.....	All employees.....	Earnings.....	Increased from 45 to 50 per cent of earnings; reduced from 50 to 33 $\frac{1}{3}$ per cent of earnings; reduced from 33 $\frac{1}{3}$ to 25 per cent of earnings.	25 per cent of earnings.
1	do.....	All except cutting and fitting employees.	do.....	Reduced from a range of 5 to 40 to a range of 10 to 25 per cent of earnings.	25 per cent to those earning \$20 or more per week; 15 per cent to those earning \$15 to \$20 per week; 10 to 15 per cent to those earning less than \$15 per week.
5	Attendance.....	All employees.....	To work full time during week.....	No change.....	10 per cent of weekly earnings.
1	Service.....	All employees in service 1 year or more.	1 year or more of service.....	do.....	1 per cent of annual earnings.
2	do.....	do.....	do.....	do.....	Per capita (\$3.85 average per week in 1921) after deduction of 10 per cent of net earnings.
2	do.....	All employees in service 6 months or more.	6 months or more of service.....	do.....	5 per cent of earnings for 6 months' service, 6 for 1 year, 7 for 2 years, 8 for 3 years, 9 for 4 years, and 10 for 5 years or more.
1	Service and attendance.	All employees in service 1 year or more.	1 year or more of service and any attendance during year.	do.....	\$100 for full-time attendance or work during year, \$78 for part time.
1	Profit sharing..	All employees.....	Not reported.....	do.....	Not reported.
3	Earnings.....	do.....	Earnings.....	Reduced from 50 to 30 per cent of earnings.	30 per cent of earnings.
1	do.....	do.....	do.....	No change.....	50 per cent of earnings.
1	do.....	do.....	do.....	Reduced from 50 to 20 per cent of earnings.	20 per cent of earnings.
1	do.....	do.....	do.....	Reduced from 30 to 20 per cent of earnings; reduced from 20 to 10 per cent of earnings.	10 per cent of earnings.
8	Production or leather saving.	Cutters.....	To cut more than specified number of pieces from stock received.	No change.....	The amount varies according to quality of stock from which pieces are to be cut.
2	do.....	Cutters, upper.....	do.....	do.....	Do
1	do.....	Cutters, outsole and insole.	do.....	do.....	Do
3	Attendance.....	All employees.....	To work full time during week.....	Reduced from 10 per cent of earnings to nothing.	None.
1	do.....	do.....	To work any time during week.....	Reduced from \$4 or less per week to nothing; \$4 was paid for full-time work. Less than full time was paid for as the time worked was in proportion to full time.	Do.
1	Service.....	All employees in service 5 or more years.	5 or more years of service.....	Reduced from a range of 5 to 20 per cent of earnings to nothing; 5 per cent of earnings for 5 to 10 years' service; 7 $\frac{1}{2}$ per cent for 10 to 15 years; 10 per cent for 15 to 20 years; 15 per cent for 20 to 25 years; and 20 per cent for 25 or more years of service.	Do.

1	Earnings.....	All employees.....	Earnings.....	Reduced pieceworkers 10 per cent of earnings to nothing; reduced time workers 10 per cent of earnings to nothing.	Do.
2	Earnings and service.	All employees in service Christmas.	Earnings and in service Christmas..	Reduced from average weekly earnings to nothing, the average being based on the yearly earnings.	Do.
1	Earnings.....	Pieceworkers.....	Earnings.....	Reduced from 15 per cent of earnings to nothing.	Do.

### NUMBER OF STARTS (DAYS) IN ONE WEEK.

Table 7 shows, for 14 of the principal occupations, average and specified number of starts for establishments and employees for the 1922 weekly pay-roll period for which data are presented in this report.

Data for establishments with biweekly pay-roll periods are not included in the table.

Starts as here used means the number of calendar days or parts of days that establishments were in operation during one week or the number of days or parts of days employees worked during one week.

The average number of starts or days of operation for establishments was obtained by weighting the starts of each establishment by the number of employees without regard to the starts made by individual employees.

The average number of starts for employees of the occupation is a simple average obtained by dividing the aggregate number of starts made by all employees of the occupation in all the establishments by the total number of employees of the occupation in all establishments.

Reading line 1 of the table it is seen that for the occupation of "Cutters, vamp and whole shoe, hand," data are presented for 81 establishments; that the average number of starts or days of operation in one week is 5.4; that employees of this occupation in 2 establishments had the opportunity to work on 2 days during the week; that employees of 3 establishments had the opportunity to work on 3 days; that employees of 4 establishments had the opportunity to work on 4 days; that employees of 30 establishments had the opportunity to work on 5 days; and that employees of 42 establishments had the opportunity to work on 6 days during the week. Continuing on the same line it is seen that there were 1,815 employees in the occupation in the 81 establishments; that 17 of the 1,815 employees actually worked on only 1 day during the week; that 74 worked on 2 days; that 112 worked on 3 days; that 196 worked on 4 days; that 558 worked on 5 days; and that 858 worked on 6 days during the week.

During the months of April and May, or the period for which the major portion of the data were collected in 1922, work was slack in this industry due principally to the fact that it was between seasons. This accounts mainly for the large number of establishments in operation less than 6 days during the week, and the number of employees working less than 6 days.

TABLE 7.—NUMBER OF ESTABLISHMENTS AND NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING EACH SPECIFIED NUMBER OF STARTS (DAYS OF OPERATION OR DAYS ON WHICH WORKED) IN ONE WEEK IN 1922, BY SEX.

Occupation.	Sex.	Establishments—						Employees—									
		Num-ber.	Average number of starts (days of operation) in one week.	In which number of starts in one week were—						Number.	Average number of starts (days worked) in one week.	Whose number of starts in one week were—					
				1	2	3	4	5	6			1	2	3	4	5	6
Cutters, vamp and whole shoe, hand.....	Male....	81	5.4		2			30	42	1,815	5.1	17	74	112	196	558	858
Skivers, upper.....	Male....	30	5.3			2	2	10	16	71	4.9		2	7	6	32	24
Do.....	Female....	91	5.6			4	3	25	59	507	5.3	2	14	28	28	135	300
Cementers and doublers.....	Male....	8	5.9					1	7	29	5.9				4	25	20
Do.....	Female....	86	5.5			2	2	24	58	883	5.2	7	19	35	50	289	483
Lining makers.....	Female....	93	5.7			1	4	27	61	1,011	5.2	16	26	44	77	317	531
Top stitchers.....	Male....	19	5.7					7	12	64	5.5			1	2	24	27
Do.....	Female....	96	5.7		1	1	2	27	65	1,146	5.4	3	28	21	63	355	676
Vampers.....	Male....	50	5.5			2	1	16	31	347	5.3	1	3	18	27	129	169
Do.....	Female....	94	5.6	1		2	4	23	64	1,080	5.3	23	12	43	96	285	621
Assemblers, pulling-over machine.....	Male....	66	5.7			2	1	20	43	568	5.3	3	14	20	34	225	272
Do.....	Female....	15	5.8				1	2	12	58	5.7		1		3	9	45
Bed-machine operators.....	Male....	82	5.7	1	1		1	25	54	1,122	5.4	3	36	24	54	331	674
Turn lasters, hand.....	Male....	29	5.5			1		10	18	548	5.2	1	3	76	10	148	310
Goodyear stitchers.....	Male....	73	5.6			2	1	25	45	517	5.4	1	5	20	23	177	291
Edge trimmers.....	Male....	96	5.6			3	2	26	65	757	5.4	2	13	22	37	226	457
Edge setters.....	Male....	96	5.7		1	5	5	25	65	746	5.4	5	7	17	43	232	442
Treers.....	Male....	86	5.7				1	22	63	916	5.5	2	4	7	33	307	563
Do.....	Female....	34	5.9				1	5	28	224	5.6		4	6	9	48	157
Repairers.....	Male....	45	5.7		1			10	34	113	5.4		3	4	6	32	68
Do.....	Female....	76	5.7				1	21	54	656	5.4	8	7	10	21	231	379

NUMBER OF STARTS (DAYS) IN ONE WEEK.

Table 8 shows for each State average and classified days of operation during the years ending August 31, 1920, and December 31, 1921. The first line shows that data were obtained for five establishments in Illinois. One establishment was in operation 240 and under 255 days, one was in operation 270 and under 285 days, and three were in operation 285 and under 300 days. The average for the five establishments is 282 days.

TABLE 8.—AVERAGE AND CLASSIFIED DAYS OF OPERATION DURING YEARS ENDING AUGUST 31, 1920, AND DECEMBER 31, 1921, BY STATES.

State.	Year ending—	Number of establishments.	Average number of days of operation in 1 year.	Number of establishments in which days of operation were—								Not reported.
				Over 170 and under 195.	210 and under 225.	225 and under 240.	240 and under 255.	255 and under 270.	270 and under 285.	285 and under 300.	300 and under 315.	
Illinois.....	Aug. 31, 1920	5	282				1		1	3		
	Dec. 31, 1921	5	285					1				2
Maine.....	Aug. 31, 1920	5	292						1	3		1
	Dec. 31, 1921	5	295							3		2
Massachusetts.....	Aug. 31, 1920	29	269		4	2	7		1	11	4	4
	Dec. 31, 1921	26	<sup>1</sup> 265	3		3	5		3	4	7	1
Michigan.....	Aug. 31, 1920	3	278					1	1			1
	Dec. 31, 1921	3	286				1					2
Minnesota.....	Aug. 31, 1920	3	291								3	
	Dec. 31, 1921	3	276					2			1	
Missouri.....	Aug. 31, 1920	11	284						7	3		1
	Dec. 31, 1921	9	293					2			1	6
New Hampshire.....	Aug. 31, 1920	13	272				2	7	1	1	2	2
	Dec. 31, 1921	9	262	1			1	4	1	1	1	1
New Jersey.....	Aug. 31, 1920	5	275					2	2	1		
	Dec. 31, 1921	5	<sup>2</sup> 303							1	3	
New York.....	Aug. 31, 1920	13	285			1	1		2	5	4	4
	Dec. 31, 1921	12	300						1	5	6	
Ohio.....	Aug. 31, 1920	11	<sup>3</sup> 275				1	4	2	1	2	1
	Dec. 31, 1921	8	284					1	2	4	1	
Pennsylvania.....	Aug. 31, 1920	11	<sup>3</sup> 285					1	3	5	1	1
	Dec. 31, 1921	10	292			1			1	3	5	
Virginia.....	Aug. 31, 1920	3	272		1					2		
	Dec. 31, 1921	4	<sup>4</sup> 273					1	1	1		
Wisconsin.....	Aug. 31, 1920	5	289						2	2	1	
	Dec. 31, 1921	5	285						2	2	1	
Total.....	Aug. 31, 1920	117	<sup>5</sup> 280		5	3	12	15	23	40	17	2
	Dec. 31, 1921	104	<sup>6</sup> 282	4		4	7	11	13	26	36	

<sup>1</sup> This average is for 25 establishments. One establishment began operating in November, 1921.  
<sup>2</sup> This average is for 4 establishments. One establishment began operating in January, 1922.  
<sup>3</sup> This average is for 10 establishments. Days of operation were not reported for 1 establishment.  
<sup>4</sup> This average is for 3 establishments. One establishment began operating in January, 1922.  
<sup>5</sup> This average is for 115 establishments. See note 3 above.  
<sup>6</sup> This average is for 101 establishments. See notes 1, 2, and 4 above.

Table 9 shows for each State for the calendar year 1921 the number of establishments covered, the average number of days establishments were in operation, and the average number of days establishments were not in operation on Saturday, Sunday, holidays, or on account of inventory, slack business or lack of orders, strikes and lockouts, and other causes.

TABLE 9.—AVERAGE NUMBER OF DAYS OF OPERATION AND AVERAGE NUMBER OF DAYS IDLE BY SPECIFIED CAUSES DURING CALENDAR YEAR 1921, BY STATES.

State.	Number of establishments.	Average number of days of operation in 1921.	Average number of days idle during year on account of—						
			Satur-days.	Sun-days.	Holi-days.	Inventory.	Slack business or lack of orders.	Strikes, lock-outs, or "vacations."	Other causes.
Illinois.....	5	285	.....	52	7	.....	20	.....	1
Maine.....	5	295	.....	52	7	3	7	.....	1
Massachusetts.....	26	<sup>1</sup> 265	18	52	9	1	19	.....	1
Michigan.....	3	286	.....	52	7	6	13	.....	1
Minnesota.....	3	276	.....	52	6	5	.....	26	.....
Missouri.....	9	293	4	52	5	3	5	.....	3
New Hampshire.....	9	262	.....	52	12	2	25	6	6
New Jersey.....	5	<sup>2</sup> 303	.....	52	6	3	.....	.....	1
New York.....	12	300	.....	52	8	2	.....	1	2
Ohio.....	8	284	.....	52	7	2	14	.....	6
Pennsylvania.....	10	292	.....	52	7	3	11	.....	.....
Virginia.....	4	<sup>3</sup> 278	.....	52	4	4	27	.....	.....
Wisconsin.....	5	285	8	52	6	8	6	.....	.....
Total.....	104	<sup>4</sup> 282	5	52	8	3	12	1	2

<sup>1</sup> This average is for 25 establishments. One establishment began operating in Nov. 1921.

<sup>2</sup> This average is for 4 establishments. One establishment began operating in Jan. 1922.

<sup>3</sup> This average is for 3 establishments. One establishment began operating in Jan. 1922.

<sup>4</sup> This average is for 101 establishments. See notes 1, 2, and 3.

The occupations for which data are presented in this bulletin are arranged below in order of manufacture and 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.  
Cutters, linings, hand.  
Cutters, linings, machine.

## Sole leather department:

Cutters, outsole.  
Cutters, insole.  
Rounders, outsole or insole.  
Channelers, outsole or insole.  
Cutters, top and heel lifts, machine (hand thrown in with "all others").  
Heel builders, hand.  
Heel builders, machine.

## Fitting or stitching department:

Stampers, linings or uppers (including markers).  
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters).  
Folders, hand.  
Folders, machine.  
Perforators.  
Tip stitchers.  
Closers or seamers.  
Seam rubbers (hand and machine).  
Lining makers (including lining closers, 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.  
Back-stay stitchers (including back strappers).  
Table workers.  
Lacers.

## Lasting department:

Last pickers or sorters (including last casers).  
Assemblers, for pulling-over machine.  
Pullers-over, hand.  
Pullers-over, machine.

## Lasting department—Concluded.

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.  
Tack pullers, machine.

## Bottoming department:

Goodyear welters (including in-seamers).  
Welt beaters and slashers.  
Bottom fillers, hand and machine.  
Sole cementers, hand and machine (including bottom cementers).  
Sole layers, hand.  
Sole layers, machine.  
Rough rounders.  
Channel openers and channel closers (including channel layers, channel turners, channel cementers, lip turners).  
Goodyear stitchers.  
McKay sewers.  
Stitch separators (including stitch wheelers).  
Levelers.  
Heelers, leather.  
Heelers, wood.  
Heel trimmers or shavers.  
Heel breasters.  
Edge trimmers.  
Sluggers.

## Finishing department:

Buffers (including bottom scourers).  
Edge setters.  
Heel scourers (including first and second scourers).  
Heel burnishers (including stoners, expediters, heel slickers).  
Brushers.  
Shoe cleaners.  
Last pullers (hand and machine).  
Treers.  
Repairers (not cobblers).  
Dressers.  
Sock liners (including heel-lining, heel-pad or heel-pin pasters).  
Lacers.  
Packers.

## GENERAL TABLES.

All employees not included in any of the selected occupations are combined and shown as "Other employees."

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

*Table A.—Average hours and earnings and classified full-time hours per week, by departments, occupations, pay-roll periods, sex, and States, 1922.*

The presentation in Table A in parallel columns of "Average full-time hours in one pay-roll period" and "Average hours actually worked during one pay-roll period" is for the purpose of comparing the regular hours during which, under normal conditions, it is possible for employees in an occupation to work, with the hours actually worked. One shows the possible hours for work under normal conditions while the other shows what was actually accomplished during one pay-roll period by all employees in the occupation, including those who worked less than the hours of opportunity.

*Table B.—Average and classified earnings per hour for employees in 14 selected occupations, by departments, sex, and States, 1922.*

*Table C.—Number of employees in 14 selected occupations making as many starts as the factory was in operation in one week, classified by hours actually worked, by departments, sex, and States, 1922.*

*Table D.—Number of employees in 14 selected occupations making as many starts as the factory was in operation in one week, classified by earnings actually received, by departments, sex, and States, 1922.*

In Tables C and D the average full-time hours and earnings per week are for all employees in each of the 14 selected occupations covered in 1922, while the average and classified hours actually worked and the average and classified earnings actually received are for such employees of each occupation as made as many starts to work as there were days of opportunity for work for all employees of the occupation as a whole in one week in 1922.

All employees who made less than the number of starts for which there was opportunity for work were excluded from the average and classified hours actually worked and average and classified earnings actually received, because it is the purpose of these tables to show as nearly as possible the hours and earnings actually made by employees who worked all the time that there was opportunity to work and to compare therewith the average hours and earnings that would have been made had each employee worked the regular or customary full-time hours per week. This assumes that each employee would have earned the same average per hour during full time as was earned during the time actually worked in the week covered.

Some employees made less than the number of starts (days on which there was opportunity to work) on account of being sick, disabled, laid off, absent of own accord, termination of service before end of the week or entering service after beginning of week.



<i>Cutters, vamp and whole shoe, machine.</i>																											
Male—One-week period:																											
Illinois.....	2	4	6.0	5.5	54.5	46.5	85						2	2			.328	17.88	15.24								
Maine.....	3	30	6.0	6.0	50.9	47.8	94				15	1		14			.712	36.22	33.99								
Massachusetts.....	12	241	5.2	5.0	48.3	37.1	77		5		194	42					.766	36.98	28.44								
Michigan.....	2	10	5.4	5.4	49.2	46.2	94				4	6					.634	31.19	29.30								
Missouri.....	4	110	6.0	5.8	51.5	49.3	96				20	40		50			.602	30.98	29.67								
New Hampshire.....	6	112	5.1	4.6	48.6	36.7	76				77	35					.586	28.49	21.50								
New York.....	4	158	6.0	5.9	48.0	48.2	100				158						.629	30.19	30.34								
Ohio.....	4	129	5.8	5.7	50.0	46.8	94					129					.627	31.35	29.32								
Pennsylvania.....	4	17	6.0	6.0	52.6	46.1	88				5			6	6		.440	23.14	20.30								
Wisconsin.....	4	20	5.2	5.2	49.6	42.5	86				4	16					.563	27.92	23.91								
Other States.....	1	1	6.0	6.0	44.0	44.0	100		1								.650	28.60	28.60								
Total.....	46	832	5.6	5.4	49.2	43.1	88		1	5	477	269	2	70	8		.650	32.18	28.03								
Male—Two-week period:																											
All States.....	2	35	10.5	9.8	48.5	73.2	75				26	9					.573	27.51	41.96								
Female—One-week period:																											
Illinois.....	2	42	6.0	5.7	54.2	50.3	93						24		18		.339	18.38	17.05								
New York.....	2	3	6.0	6.0	48.0	51.1	106				3						.676	32.45	34.57								
Other States.....	4	17	5.5	5.0	48.9	40.5	83				8	9					.666	34.62	26.92								
Total.....	8	62	5.9	5.5	52.5	47.7	91				11	9	24		18		.433	23.51	20.62								
<i>Cutters, trimmings, hand.</i>																											
Male—One-week period:																											
Illinois.....	3	24	5.8	5.6	48.0	45.0	94				24						.439	21.07	19.77								
Maine.....	5	46	6.0	5.0	53.2	39.9	75				3	5		38			.380	20.21	15.16								
Massachusetts.....	23	219	5.5	5.2	46.9	39.3	84		26	20	43						.522	24.49	20.55								
Minnesota.....	2	16	5.4	4.6	48.0	33.8	70				16						.362	17.38	12.24								
Missouri.....	4	106	5.9	5.8	48.0	46.0	96				106						.471	22.61	21.65								
New Hampshire.....	4	44	5.3	4.5	48.4	34.8	72				36	8					.428	20.70	14.87								
New Jersey.....	3	9	5.0	4.9	46.7	34.9	75		5								.394	18.39	13.76								
New York.....	12	118	5.9	5.7	47.5	44.6	94				85	12					.511	24.27	22.80								
Ohio.....	6	65	5.5	5.1	50.0	39.8	80		21		15	65					.373	18.65	14.85								
Pennsylvania.....	9	38	5.7	5.3	50.5	39.0	77				15	10		7	6		.427	21.56	16.65								
Wisconsin.....	4	18	5.4	4.5	48.9	34.9	71				10	8					.351	17.16	12.25								
Other States.....	2	5	6.0	6.0	49.2	38.0	77				2	3					.351	16.80	13.32								
Total.....	77	708	5.7	5.3	48.3	40.9	85		52	20	43	395	147	45	6		.467	22.37	19.09								
Male—Two-week period:																											
All States.....	2	39	11.8	11.1	47.8	91.3	96			4		32	3				.327	15.64	29.90								



Female—One-week period:																				
Michigan.....	2	2	6.0	6.0	49.0	49.0	100				1	1						.337	16.50	16.50
New York.....	2	3	6.0	6.0	48.0	26.7	56				3							.501	24.05	13.35
Other States.....	3	32	5.9	5.2	50.0	38.9	78				3	28			1			.310	15.44	12.08
Total.....	7	37	5.9	5.3	49.8	38.5	77				7	29			1			.323	16.20	12.42
<i>Skivers, upper.</i>																				
Male—One-week period:																				
Maine.....	3	3	5.7	4.3	50.7	37.5	74				1	1			1			.531	26.90	19.93
Massachusetts.....	14	44	5.2	4.8	47.2	35.3	75		1	6	4							.642	30.29	22.67
New Hampshire.....	3	4	6.0	5.3	49.0	39.6	81					2	2					.402	19.70	15.93
New York.....	3	8	5.8	5.5	46.5	42.6	92					5						.830	38.60	35.33
Other States.....	7	12	5.3	5.2	45.5	41.5	91		3			3	7					.387	19.57	16.05
Total.....	30	71	5.3	4.9	47.6	37.5	79		6	6	4				44	10		.599	28.67	22.48
Male—Two-week period:																				
All States.....	1	6	12.0	10.5	48.0	78.5	82								6			.546	26.21	42.86
Female—One-week period:																				
Illinois.....	5	49	5.8	5.5	49.1	45.6	93					42			2		5	.406	19.91	18.49
Maine.....	5	20	5.9	5.3	51.8	42.2	81					4	5		11			.432	22.38	18.23
Massachusetts.....	25	142	5.4	5.2	47.2	37.2	79			3	10	24						.506	23.87	18.79
Michigan.....	3	9	6.0	5.8	49.6	48.0	97						2	7				.351	17.39	16.85
Minnesota.....	3	9	4.7	4.7	48.0	31.3	65						9					.409	19.63	12.81
Missouri.....	6	57	6.0	5.5	50.2	46.1	92						31	8		18		.391	19.62	18.03
New Hampshire.....	7	39	5.2	4.9	48.3	36.3	75						34	5				.383	18.48	13.92
New Jersey.....	4	8	5.8	5.3	46.4	36.7	79									1		.376	17.45	13.82
New York.....	11	80	6.0	5.8	47.7	45.0	94		5									.490	23.39	22.06
Ohio.....	7	37	5.3	5.1	50.0	36.4	73		10						61	9		.360	18.00	13.11
Pennsylvania.....	10	36	5.5	5.3	49.9	39.0	78								11	20		.351	17.53	13.70
Wisconsin.....	5	21	5.1	4.9	49.0	37.0	76								10	11		.393	19.28	14.52
Total.....	91	507	5.6	5.3	48.6	40.5	83		18	10	24				309	104		.435	21.10	17.62
Female—Two-week period:																				
All States.....	3	32	10.9	9.5	48.9	70.1	72								18	14		.352	16.72	24.64
<i>Cutters, linings, hand.</i>																				
Male—One-week period:																				
Illinois.....	3	13	5.2	5.0	48.0	42.3	88					13						.528	25.34	22.31
Maine.....	3	6	5.8	5.3	53.3	46.2	87						1		5			.701	37.39	32.37
Massachusetts.....	19	75	5.1	4.9	47.1	36.6	78			8	5	12			42	8		.688	32.39	25.15
Michigan.....	2	3	6.0	6.0	50.0	46.8	94								3			.359	17.95	16.81
Minnesota.....	2	4	5.5	5.5	48.0	44.0	92						4					.725	34.80	31.89
Missouri.....	4	30	6.0	5.3	48.0	43.1	90								30			.982	47.14	42.28
New Hampshire.....	5	22	5.0	4.7	48.7	37.0	76								18	1	3	.500	24.35	18.47
New Jersey.....	2	2	5.0	5.0	44.0	32.5	74			2								.664	29.22	21.59
New York.....	12	33	6.0	5.7	47.5	42.4	89			5					26	2		.706	33.55	29.92
Ohio.....	2	8	4.0	3.8	50.0	26.1	52											.925	46.25	24.18
Pennsylvania.....	7	12	5.4	5.3	49.6	38.1	77								7	3		.616	30.54	23.44
Wisconsin.....	3	5	5.4	5.2	48.8	41.7	85								3	2		.468	22.84	19.53
Total.....	64	213	5.4	5.1	48.0	39.1	81		15	5	12				143	28		.699	33.53	27.35
Male—Two-week period:																				
All States.....	2	16	11.8	11.1	48.1	89.0	93			1					12	3		.484	23.30	43.10

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.											Earnings.					
					Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—											Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.			
<b>CUTTING DEPARTMENT—Concluded.</b>																					
<i>Cutters, linings, machine.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	4	4	5.8	5.8	52.9	51.8	98											\$0.557	\$29.45	\$28.88	
Maine.....	4	13	5.9	5.8	51.8	49.2	95											.582	30.17	28.63	
Massachusetts.....	9	21	5.3	5.1	48.1	38.0	79			1								.607	29.21	23.06	
Missouri.....	2	7	6.0	6.0	52.9	52.3	99											.392	20.72	20.49	
New Hampshire.....	3	19	3.3	3.2	48.1	22.9	48											.609	29.30	13.94	
New York.....	6	9	6.0	6.0	48.0	45.6	97		1									.567	27.22	26.42	
Ohio.....	4	5	6.0	6.0	50.0	50.0	100											.632	31.61	31.61	
Pennsylvania.....	4	7	5.9	5.9	51.7	50.3	97											.424	21.93	21.32	
Wisconsin.....	3	7	5.0	4.6	49.1	37.4	76											.491	24.13	18.38	
Other States.....	1	1	6.0	6.0	50.0	49.8	100											.360	18.00	17.91	
Total.....	40	93	5.2	5.1	49.7	40.6	82		1	1								.548	27.62	22.28	
<b>Male—Two-week period:</b>																					
All States.....	2	5	10.4	10.2	48.8	74.8	77											.635	26.90	47.48	
<b>SOLE LEATHER DEPARTMENT.</b>																					
<i>Cutters, outsole.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	2	15	5.7	5.4	48.0	43.0	90											\$0.806	\$33.69	\$34.65	
Massachusetts.....	16	53	5.5	5.3	47.8	42.8	90			4	7							.665	31.77	28.49	

Michigan.....	3	4	5.8	5.8	49.5	46.6	94					1	3					.570	28.22	26.55		
Missouri.....	3	61	5.8	5.8	48.0	46.7	97					61						.836	40.13	39.08		
New Hampshire.....	2	30	5.8	4.8	48.0	37.4	78					30						.723	34.70	27.07		
New Jersey.....	2	2	6.0	6.0	47.0	47.0	100				1		1					.649	30.50	30.50		
New York.....	5	37	<sup>1</sup> 5.1	<sup>1</sup> 5.1	47.4	42.7	90				6		31					.692	32.77	29.57		
Ohio.....	6	23	5.5	5.4	50.0	43.5	87						23					.674	33.70	29.30		
Pennsylvania.....	7	13	5.7	5.7	52.6	47.8	91					2	2		7	2		.485	25.50	23.20		
Wisconsin.....	3	14	5.3	5.0	48.4	41.0	85					9	4					.608	29.40	24.90		
Other States.....	2	7	5.9	5.9	53.1	51.6	97					1			6			.595	31.57	30.69		
Total.....	51	259	<sup>1</sup> 5.6	<sup>1</sup> 5.4	48.4	43.7	90				7	4	8		181	44		13	2	.710	34.28	30.99
Male—Two-week period: All States.....	1	5	9.0	6.8	50.0	59.5	60								5					.481	24.05	28.62
<i>Cutters, insole.</i>																						
Male—One-week period:																						
Illinois.....	3	21	5.8	5.8	48.0	45.7	95							21						.897	43.06	40.99
Maine.....	2	6	6.0	6.0	54.0	53.2	99									6				.703	37.96	37.39
Massachusetts.....	16	46	5.5	5.3	47.7	42.6	89				5	4		30	7					.604	28.80	25.74
Michigan.....	2	3	6.0	6.0	49.3	49.3	100							1	2					.524	25.83	25.83
Missouri.....	3	54	5.5	5.1	48.0	42.5	89							54						.725	34.80	30.81
New Hampshire.....	3	30	5.9	5.9	48.1	46.2	96							29	1					.652	31.34	30.17
New York.....	4	13	<sup>2</sup> 5.0	<sup>2</sup> 5.0	47.7	43.8	92				1			12						.693	33.05	30.88
Ohio.....	5	11	6.0	5.7	50.0	46.0	92								11					.595	29.75	27.36
Pennsylvania.....	3	3	5.7	5.7	51.2	49.5	97								2		1			.546	27.94	27.04
Other States.....	1	5	5.0	5.0	48.0	38.8	81							5						.447	21.46	17.32
Total.....	42	192	<sup>2</sup> 5.6	<sup>2</sup> 5.4	48.3	44.2	92				1	5	4		152	23		7		.681	32.82	30.10
Male—Two-week period: All States.....	1	1	8.0	8.0	50.0	69.0	69								1					.473	23.65	32.64
<i>Rounders, outsole or insole.</i>																						
Male—One-week period:																						
Illinois.....	4	9	5.8	5.8	50.5	49.3	98							4			5			.501	25.30	24.72
Maine.....	4	14	5.9	5.7	53.1	46.3	87								3		11			.605	32.15	28.00
Massachusetts.....	19	45	5.3	5.3	47.2	39.8	84				3	10		30	2					.567	26.76	22.53
Michigan.....	3	3	5.3	5.3	49.3	41.6	84							1	2					.581	28.66	24.17
Minnesota.....	3	4	4.3	4.0	48.0	27.8	58								4					.462	22.18	12.81
Missouri.....	6	19	5.8	5.6	49.3	44.8	91							11	6		2			.557	27.44	24.95
New Hampshire.....	7	9	4.8	4.8	48.7	35.9	74							7	1	1				.506	24.65	18.17
New York.....	10	15	<sup>2</sup> 5.8	<sup>2</sup> 5.7	47.3	44.4	94				3			11	1					.653	30.91	28.99
Ohio.....	5	16	5.4	5.2	50.0	41.6	83								16					.583	29.15	24.23
Pennsylvania.....	6	13	5.6	5.5	49.5	42.8	86							9	1		3			.478	23.68	20.45
Wisconsin.....	3	3	5.0	5.0	49.3	42.3	86							1	2					.592	29.21	25.07
Other States.....	2	2	6.0	6.0	46.0	46.7	102				1				1					.539	24.11	25.15
Total.....	72	152	<sup>2</sup> 5.5	<sup>2</sup> 5.4	48.9	42.1	86				4	3	10		79	34	1	16	5	.563	27.46	23.71

<sup>1</sup> Not including data for 4 employees in 1 establishment, starts not reported.<sup>2</sup> Not including data for 1 employee in 1 establishment, starts not reported.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.					
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—													Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.				
<b>SOLE LEATHER DEPARTMENT—Continued.</b>																							
<i>Rounders, outsole or insole—Concluded.</i>																							
<b>Male—Two-week period:</b>																							
Virginia.....	2	3	12.0	10.3	48.0	70.3	73												\$0.586	\$28.13	\$41.23		
Other States.....	2	3	10.7	10.7	50.0	76.7	77		1										.521	27.95	39.91		
Total.....	4	6	11.3	10.5	49.0	73.5	75		1										.552	28.04	40.57		
<b>Female—One-week period:</b>																							
Wisconsin.....	2	2	6.0	6.0	50.0	50.0	100												.260	13.00	13.00		
Other States.....	2	3	6.0	6.0	48.0	46.2	96												.273	13.06	12.62		
Total.....	4	5	6.0	6.0	48.8	47.7	98												.268	13.04	12.77		
<i>Channelers, outsole or insole.</i>																							
<b>Male—One-week period:</b>																							
Illinois.....	4	10	5.7	5.7	51.3	49.4	96												.729	37.40	35.96		
Maine.....	5	13	6.0	5.9	52.9	44.8	85												.756	40.01	33.89		
Massachusetts.....	22	50	5.3	5.1	47.5	37.0	78			2	9								.692	32.80	25.61		
Michigan.....	3	4	6.0	6.0	49.5	49.3	100												.606	30.00	29.91		
Minnesota.....	2	5	4.8	4.6	48.0	29.8	62												.612	29.38	18.26		
Missouri.....	6	19	5.9	5.8	50.8	48.7	96												.616	31.32	30.02		
Mississippi.....	3	16*	4.8	4.7	48.8	35.8	73												.594	28.98	21.25		
New Hampshire.....	8	3	5.7	5.7	46.0	44.7	97												.658	30.27	29.40		
New Jersey.....	3	3	5.7	5.7	46.0	44.7	97		2										.684	32.59	28.47		
New York.....	11	23	5.6	5.4	47.7	41.6	87		3										.684	32.59	28.47		
Ohio.....	7	18	5.3	4.7	50.0	36.1	72												.642	32.10	23.21		

Pennsylvania.....	10	24	5.9	5.8	51.0	44.4	87					9	5		7	3			.529	26.98	23.49	
Wisconsin.....	3	5	5.0	5.0	49.2	42.5	86					2	3						.612	30.11	26.02	
Other States.....	1	1	6.0	6.0	48.0	44.3	92					1								24.96	23.05	
Total.....	85	191	<sup>1</sup> 5.5	<sup>1</sup> 5.3	49.3	41.0	83		5	2	9		99	43	1	26	3	3		.648	31.97	26.60
Male—Two-week period:																						
Virginia.....	2	3	12.0	11.3	48.0	88.3	92					3								.786	37.73	69.47
Other States.....	2	4	10.5	10.3	50.0	65.5	66						4							.578	30.43	37.84
Total.....	4	7	11.1	10.4	49.1	75.3	77					3	4							.683	33.55	51.40
Cutters, top and heel lifts, machine.																						
Male—One-week period:																						
Illinois.....	3	13	5.8	5.7	48.0	46.1	96					13								.555	26.64	25.60
Massachusetts.....	12	38	5.5	5.3	47.8	41.6	87			3	5	22	8							.474	22.64	19.69
Minnesota.....	2	2	5.5	5.5	48.0	44.1	92					2								.491	23.57	21.62
Missouri.....	3	150	5.9	5.8	48.0	46.3	96					150								.533	25.58	24.68
New Hampshire.....	3	80	5.9	5.7	48.0	44.6	93					79	1							.625	30.02	27.87
New York.....	4	12	<sup>a</sup> 5.0	<sup>a</sup> 4.7	47.7	40.5	85			1		11								.477	22.74	19.34
Ohio.....	6	44	5.9	5.5	50.0	44.5	89						44							.455	22.75	20.25
Pennsylvania.....	4	9	5.8	5.8	52.3	45.0	86					3			3	3				.410	21.46	18.47
Other States.....	4	13	5.8	5.8	51.5	45.3	88			1		3			9					.645	33.20	29.23
Total.....	41	361	<sup>a</sup> 5.8	<sup>a</sup> 5.6	48.4	44.9	93		2	3	5	283	53		12	3				.538	26.01	24.17
Male—Two-week period:																						
All States.....	2	3	10.7	10.3	50.0	77.7	78						3							.458	22.93	35.57
Heel builders, hand.																						
Male—One-week period:																						
Massachusetts.....	2	2	6.0	5.5	46.4	44.3	95			1		1								.373	17.29	16.49
New York.....	4	16	<sup>a</sup> 5.8	<sup>a</sup> 5.8	47.8	44.6	93			1		15								.604	28.84	26.99
Pennsylvania.....	3	5	5.4	5.4	49.6	40.3	81					3	1		1					.346	17.16	13.95
Wisconsin.....	2	3	5.3	5.3	50.0	39.0	78						3		3					.392	19.60	15.28
Other States.....	4	23	5:7	5.5	52.8	44.8	85			1		3			19					.470	24.85	21.06
Total.....	15	49	<sup>a</sup> 5.7	<sup>a</sup> 5.5	50.3	43.0	85		2	1		22	4	19	1					.495	24.74	21.29
Female—One-week period:																						
Massachusetts.....	6	19	5.6	4.3	47.4	35.4	75			1	3	15								.408	19.32	14.42
Other States.....	3	15	5.1	5.1	48.8	43.3	89					2	11		2					.451	21.91	19.55
Total.....	9	34	5.4	4.7	48.0	38.9	81			1	3	17	11		2					.429	20.46	16.68

<sup>1</sup> Not including data for 4 employees in 1 establishment, starts not reported.<sup>a</sup> Not including data for 2 employees in 1 establishment, starts not reported.

**TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.**

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.		
					Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—										Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.			
<b>SOLE LEATHER DEPARTMENT—Concluded.</b>																				
<i>Heel builders, machine.</i>																				
Male—One-week period:																				
Illinois.....	3	7	5.0	5.0	48.0	40.7	85													
Massachusetts.....	10	16	5.6	5.6	47.9	43.3	90			2										
Michigan.....	2	2	5.5	5.5	50.0	47.5	95													
Missouri.....	3	55	5.9	5.7	48.0	48.0	96													
New Hampshire.....	2	7	5.7	5.6	48.3	45.0	93													
New York.....	2	3	<sup>2</sup> 6.0	<sup>2</sup> 6.0	48.0	48.3	101													
Ohio.....	3	10	6.0	5.9	50.0	47.7	95													
Pennsylvania.....	3	11	6.5	6.4	53.9	47.5	88													
Wisconsin.....	2	2	4.5	4.5	47.5	40.5	85													
Other States.....	2	5	5.6	5.4	51.6	46.7	91													
Total.....	32	118	<sup>2</sup> 5.8	<sup>2</sup> 5.6	48.9	45.6	93			2										
Male—Two-week period:																				
All States.....	1	1	11.0	11.0	50.0	95.0	95													
Female—One-week period:																				
Massachusetts.....	6	37	5.1	4.7	48.0	34.8	73													
Missouri.....	3	91	5.9	5.6	48.0	45.1	94													
New Hampshire.....	2	28	5.9	4.9	48.0	37.1	77													
Other States.....	6	58	5.7	4.4	49.0	37.5	77													
Total.....	17	214	5.7	5.0	48.3	40.5	84													

<sup>2</sup> Not including data for 1 employee in 1 establishment, starts not reported.

FITTING OR STITCHING DEPARTMENT.

<i>Stampers, linings or uppers.</i>																				
<b>Male—One-week period:</b>																				
Maine.....	2	2	6.0	6.0	51.0	47.7	94									1	1	\$0.402	\$20.50	\$19.18
Massachusetts.....	3	4	5.3	5.3	48.0	41.5	86									4		.516	24.77	21.43
New Hampshire.....	2	2	5.5	5.5	50.0	47.0	92										2	.318	15.90	14.96
Other States.....	4	6	5.5	5.2	49.7	38.1	77										5	.377	18.87	14.38
Total.....	11	14	5.5	5.4	49.4	41.7	84									6	7	.411	20.36	17.16
<b>Female—One-week period:</b>																				
Illinois.....	5	33	5.7	5.6	50.4	47.3	94									24		.366	18.44	17.36
Maine.....	5	22	6.0	5.8	52.1	46.9	90									3	6	.351	18.28	16.43
Massachusetts.....	26	132	5.5	5.0	47.3	37.4	79		2	7	21					102		.370	17.50	13.86
Michigan.....	3	3	5.7	5.7	49.3	41.5	84									1	2	.371	18.30	15.41
Minnesota.....	2	9	5.6	5.2	48.0	35.1	73									1		.369	17.71	12.94
Missouri.....	6	38	5.9	5.7	49.5	46.0	93									23	8	.375	18.57	17.25
New Hampshire.....	7	41	5.5	5.0	48.5	38.2	79									31	9	.327	15.88	12.43
New Jersey.....	3	3	5.7	5.7	46.4	39.6	85		2							1	1	.406	18.85	16.07
New York.....	12	61	6.0	6.0	47.6	40.7	86									7		.439	20.88	17.88
Ohio.....	7	43	5.5	5.0	50.0	39.2	78		10							44	7	.331	16.55	13.00
Pennsylvania.....	8	22	5.5	5.2	48.9	40.5	83									1	43	.334	16.34	13.51
Wisconsin.....	4	11	5.1	5.0	49.1	39.5	80									13	8	.344	16.89	13.53
Total.....	88	418	5.6	5.3	48.6	40.4	83		14	7	21					256	89	.369	17.89	14.92
<b>Female—Two-week period:</b>																				
All States.....	2	8	8.0	7.4	50.0	47.1	47											.345	16.75	16.28
<i>Cementers and doublers, hand and machine.</i>																				
<b>Male—One-week period:</b>																				
New York.....	2	12	6.0	6.0	46.7	43.6	93		4							8		.762	35.56	33.23
Other States.....	6	17	5.8	5.8	49.3	45.7	93									9	8	.371	18.31	16.95
Total.....	8	29	5.9	5.9	48.2	44.9	93		4							17	8	.528	25.45	23.68
<b>Female—One-week period:</b>																				
Illinois.....	5	27	5.4	5.4	50.1	42.6	85									19		.356	17.83	15.17
Maine.....	4	26	6.0	5.7	52.7	46.7	89									5	1	.280	14.75	13.09
Massachusetts.....	23	251	5.3	5.0	47.4	34.3	72		7	8	30					206		.369	17.50	12.65
Michigan.....	3	5	6.0	6.0	49.6	49.2	99									1	4	.312	15.48	15.34
Minnesota.....	3	26	4.4	4.5	48.0	33.6	70									26		.450	21.60	15.13
Missouri.....	7	97	6.0	5.7	49.3	45.3	92									70	10	.329	16.21	14.89
New Hampshire.....	7	67	5.8	5.5	48.2	40.0	83									61	6	.289	13.92	11.55
New Jersey.....	3	27	5.8	5.7	44.5	39.8	89		25								2	.424	18.88	16.89
New York.....	12	139	6.0	5.6	47.8	42.9	90		15							108		.391	18.69	16.78
Ohio.....	7	114	5.3	5.0	50.0	38.0	76									114		.300	15.00	11.43
Pennsylvania.....	9	98	5.7	5.3	49.4	42.1	85									1	36	.261	12.90	10.98
Wisconsin.....	2	5	5.4	5.0	48.8	38.5	79									3	2	.310	15.12	11.95
Other States.....	1	1	6.0	6.0	48.0	44.3	92									1		.351	16.85	15.54
Total.....	86	883	5.5	5.2	48.5	39.5	81		47	8	30					1	536	.340	16.51	13.43



<i>Folders, machine.</i>																
<b>Female—One-week period:</b>																
Illinois.....	4	22	5.9	5.4	48.8	42.5	87					20	2	455	22.19	19.34
Maine.....	4	17	6.0	5.7	53.1	46.0	87							422	22.89	19.41
Massachusetts.....	19	90	5.3	5.3	47.1	38.8	82	1	26			63	13	468	22.04	18.18
Minnesota.....	2	4	5.3	5.3	48.0	40.7	85					4		350	16.80	14.25
Missouri.....	7	45	5.9	5.7	50.2	46.7	93					26	15	327	16.41	15.27
New Hampshire.....	6	47	5.9	5.4	48.3	41.1	85					41		326	15.73	13.31
New Jersey.....	2	5	6.0	6.0	50.5	39.7	79					3	2	246	12.43	9.76
New York.....	9	48	5.9	5.7	47.3	46.9	99	9				37		462	21.87	21.70
Ohio.....	2	26	5.8	5.5	50.0	42.7	85					26		360	18.00	15.38
Pennsylvania.....	7	25	6.0	5.6	50.6	43.2	85					15	6	276	13.95	11.92
Wisconsin.....	4	14	5.4	5.1	48.9	37.1	76					8		342	16.71	12.70
Other States.....	2	5	6.0	6.0	49.6	46.1	93					1		342	17.75	16.98
<b>Total.....</b>	<b>68</b>	<b>348</b>	<b>5.7</b>	<b>5.5</b>	<b>48.7</b>	<b>42.5</b>	<b>87</b>	<b>10</b>	<b>26</b>			<b>204</b>	<b>40</b>	<b>393</b>	<b>19.09</b>	<b>16.69</b>
<b>Female—Two-week period:</b>																
All States.....	3	7	8.7	7.9	49.1	60.6	62					3	4	290	15.15	17.54
<i>Perforators.</i>																
<b>Male—One-week period:</b>																
Maine.....	3	10	6.0	5.7	53.6	44.6	83							446	23.91	19.88
Massachusetts.....	10	18	5.3	5.0	47.1	36.0	76		4	1		43		538	25.34	19.39
New Hampshire.....	2	3	6.0	5.7	49.3	47.6	97					1	2	301	14.85	14.33
New York.....	5	15	6.0	6.0	47.6	49.2	103	2				12		532	25.32	26.17
Pennsylvania.....	3	6	5.5	5.3	50.8	43.2	85					1	3	535	27.15	23.10
Other States.....	3	5	6.0	5.8	49.2	46.5	95					2	3	330	16.22	15.35
<b>Total.....</b>	<b>26</b>	<b>57</b>	<b>5.7</b>	<b>5.5</b>	<b>49.1</b>	<b>43.3</b>	<b>88</b>	<b>2</b>	<b>4</b>	<b>1</b>		<b>29</b>	<b>10</b>	<b>486</b>	<b>23.92</b>	<b>21.03</b>
<b>Male—Two-week period:</b>																
All States.....	2	3	9.7	10.0	48.7	77.0	79					2	1	396	19.02	30.49
<b>Female—One-week period:</b>																
Illinois.....	4	17	5.5	5.1	48.5	40.3	83							434	21.05	17.51
Maine.....	5	20	6.0	5.6	51.9	41.8	81							465	24.13	19.43
Massachusetts.....	23	148	5.4	5.1	46.9	36.7	78		1	54		93	12	519	24.33	19.05
Minnesota.....	2	8	5.5	5.0	48.0	34.6	72					8		381	18.29	13.18
Missouri.....	6	47	6.0	5.5	49.2	43.8	89					37	1	419	20.61	18.35
New Hampshire.....	6	38	5.3	4.9	48.4	38.4	79					30	8	394	19.08	15.14
New Jersey.....	3	5	5.6	5.6	46.4	34.6	75	3				2	2	456	21.16	15.76
New York.....	10	45	5.9	5.7	48.2	41.6	86	4				28		458	22.09	19.05
Ohio.....	6	33	5.3	4.7	50.0	36.6	73					13	33	330	16.50	12.06
Pennsylvania.....	10	32	5.2	4.9	49.8	41.7	84					13	4	346	17.21	14.43
Wisconsin.....	4	7	5.6	5.3	49.1	42.0	86					3	4	421	20.69	17.65
Other States.....	1	1	6.0	6.0	50.0	50.0	100					1		400	20.00	20.00
<b>Total.....</b>	<b>80</b>	<b>401</b>	<b>5.5</b>	<b>5.2</b>	<b>48.3</b>	<b>39.1</b>	<b>81</b>	<b>7</b>	<b>1</b>	<b>54</b>		<b>233</b>	<b>79</b>	<b>446</b>	<b>21.55</b>	<b>17.43</b>
<b>Female—Two-week period:</b>																
Virginia.....	2	15	11.5	11.3	47.8	90.7	95		1			14		400	19.10	36.32
Other States.....	2	6	10.0	9.3	50.0	74.1	74					6		383	19.58	28.38
<b>Total.....</b>	<b>4</b>	<b>21</b>	<b>11.0</b>	<b>10.8</b>	<b>48.4</b>	<b>86.0</b>	<b>89</b>	<b>1</b>				<b>14</b>	<b>6</b>	<b>396</b>	<b>19.24</b>	<b>34.05</b>

\* Not including data for 2 employees in 1 establishment, starts not reported.

**TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.**

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.											Earnings.							
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—											Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.		
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.				60 and over.	
<b>FITTING OR STITCHING DEPARTMENT—Continued.</b>																							
<i>Tip stitchers.</i>																							
<b>Female—One-week period:</b>																							
Illinois.....	5	32	5.8	5.5	48.8	42.3	87							28		2		2			\$0.465	\$22.70	\$19.64
Maine.....	4	15	6.0	5.6	51.6	45.2	88							4	3		8				.490	25.28	22.13
Massachusetts.....	23	100	5.4	5.2	47.5	36.6	77			7	10			83							.475	22.55	17.38
Michigan.....	3	7	6.0	5.7	49.4	46.1	93							2	5						.398	19.67	18.32
Minnesota.....	3	8	4.5	4.4	48.0	29.1	61							8							.484	23.23	14.08
Missouri.....	6	21	5.6	5.6	50.2	46.4	92							8			5				.319	16.01	14.77
New Hampshire.....	6	21	5.5	5.1	48.3	35.2	73							18	3						.370	17.87	13.03
New Jersey.....	4	7	5.6	5.6	45.9	41.3	90		5					2							.481	22.08	19.83
New York.....	12	47	5.9	5.6	47.4	42.6	90		8					36	3						.492	23.34	20.96
Ohio.....	7	34	5.2	5.1	50.0	38.2	76							3	34						.386	19.30	14.75
Pennsylvania.....	9	36	5.2	5.0	49.6	43.1	87	1						10	21		4				.330	16.35	14.23
Wisconsin.....	5	14	5.7	5.1	49.4	40.4	82							4	10						.356	17.60	14.36
Other States.....	1	1	6.0	6.0	48.0	44.3	92							1							.490	23.52	21.69
<b>Total.....</b>	<b>88</b>	<b>343</b>	<b>5.5</b>	<b>5.3</b>	<b>48.6</b>	<b>40.0</b>	<b>82</b>	<b>1</b>	<b>13</b>	<b>7</b>	<b>10</b>			<b>204</b>	<b>87</b>	<b>2</b>	<b>17</b>	<b>2</b>			<b>.429</b>	<b>20.88</b>	<b>17.15</b>
<b>Female—Two-week period:</b>																							
Virginia.....	2	11	11.3	11.0	48.0	89.7	93							11							.311	14.93	27.92
Other States.....	2	8	9.0	8.3	50.0	51.8	52							7	1						.401	20.23	20.74
<b>Total.....</b>	<b>4</b>	<b>19</b>	<b>10.3</b>	<b>9.8</b>	<b>48.8</b>	<b>73.7</b>	<b>76</b>							<b>11</b>	<b>7</b>	<b>1</b>					<b>.338</b>	<b>17.16</b>	<b>24.90</b>
<i>Closers or seamers.</i>																							
<b>Male—One-week period:</b>																							
Massachusetts.....	5	8	4.9	4.9	48.3	35.5	73							7	1						.441	21.28	15.66
New York.....	2	2	6.0	6.0	46.0	46.9	102		1					1							.809	37.22	37.94
Other States.....	1	2	6.0	6.0	50.0	45.0	90								2						.299	14.95	13.47
<b>Total.....</b>	<b>8</b>	<b>12</b>	<b>5.3</b>	<b>5.3</b>	<b>48.2</b>	<b>39.0</b>	<b>81</b>		<b>1</b>					<b>8</b>	<b>3</b>						<b>.487</b>	<b>22.88</b>	<b>19.01</b>

Female—One-week period:																					
Illinois.....	4	32	6.0	5.6	50.7	44.9	80					17		10		5			.384	19.48	17.24
Maine.....	4	39	6.0	5.8	53.7	50.0	93					1	1		37				.348	18.70	17.37
Massachusetts.....	26	101	5.4	5.1	47.0	35.2	75		7	25		69							.403	18.95	14.19
Michigan.....	2	3	6.0	6.0	49.3	48.9	99					1	2						.345	17.02	16.89
Minnesota.....	3	8	5.1	4.9	48.0	35.2	73					8							.435	20.88	15.31
Missouri.....	7	31	5.9	5.5	49.0	41.3	84					23	4		4				.366	17.95	15.12
New Hampshire.....	8	24	5.8	5.7	48.5	42.6	88					19	4	1					.333	16.16	14.19
New Jersey.....	2	3	6.0	5.3	48.0	33.3	69		1			2	2						.299	14.35	9.96
New York.....	10	40	5.9	5.7	47.7	42.7	90		6			29	5						.428	20.39	18.27
Ohio.....	7	59	5.6	5.4	50.0	41.3	83					59	5						.380	19.00	15.70
Pennsylvania.....	10	35	5.6	5.4	49.9	41.6	83					13	15		7				.284	14.18	11.83
Wisconsin.....	4	16	5.4	5.4	48.9	41.9	86					9	7						.375	18.33	15.69
Other States.....	1	1	6.0	6.0	48.0	40.8	85					1							.349	16.75	14.23
Total.....	88	392	5.7	5.4	49.1	41.0	84		7	7	25	190	99	11	48	5			.374	18.41	15.33
Female—Two-week period:																					
Virginia.....	2	9	11.3	10.1	48.0	82.9	86					9							.272	13.06	22.55
Other States.....	2	8	9.8	8.8	50.0	64.0	64						8						.307	15.24	19.66
Total.....	4	17	10.6	9.5	48.9	74.0	76					9	8						.286	14.08	21.19
<i>Seam rubbers.</i>																					
Male—One-week period:																					
Maine.....	2	2	6.0	6.0	51.0	50.0	98					1			1				.376	19.18	18.81
Massachusetts.....	9	16	5.3	5.3	47.4	36.5	77			2	1	13							.339	16.06	12.37
Minnesota.....	2	2	4.0	4.0	48.0	31.4	65					2							.308	14.79	9.68
New York.....	3	4	5.8	5.8	46.0	43.8	95		2			2							.427	19.64	18.71
Other States.....	2	2	6.0	6.0	49.0	49.0	100					1	1						.255	12.50	12.50
Total.....	18	26	5.3	5.3	47.6	39.2	82		2	2	1	19	1		1				.348	16.48	13.65
Female—One-week period:																					
Illinois.....	3	9	5.3	5.1	48.0	37.8	79					9							.462	22.18	17.48
Massachusetts.....	11	17	5.3	5.2	46.1	38.7	84		2	2	6	7							.355	16.36	13.75
Missouri.....	5	13	6.0	5.5	49.8	45.8	92					7							.260	12.96	11.87
New Hampshire.....	5	9	5.9	5.8	48.9	46.7	96					5	4		3				.281	13.74	13.09
New Jersey.....	2	2	6.0	6.0	47.0	47.0	100		1			4	1						.231	10.85	10.85
New York.....	7	10	5.8	5.5	48.0	40.1	84		1			7							.327	15.70	13.14
Ohio.....	3	19	6.0	5.6	50.0	42.3	85					19							.319	15.95	13.50
Pennsylvania.....	7	11	5.6	5.6	49.0	43.6	89					2	6		1				.203	9.94	8.86
Wisconsin.....	2	2	5.5	5.5	50.0	45.0	90			2			2						.331	16.55	14.89
Other States.....	2	2	4.5	4.5	50.0	28.7	57						2						.191	9.18	5.48
Total.....	47	94	5.7	5.5	48.6	41.9	86		4	4	6	37	39		4				.307	15.02	12.88
Female—Two-week period:																					
Virginia.....	2	5	10.8	10.4	48.0	85.8	89					5							.215	10.32	18.46

<sup>1</sup> Not including data for 4 employees in 1 establishment, starts not reported.

**TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.**

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.														Earnings.						
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—														Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.	
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.						
<b>FITTING OR STITCHING DEPARTMENT—Continued.</b>																									
<i>Lining makers.</i>																									
<b>Female—One-week period:</b>																									
Illinois.....	5	74	5.9	5.5	49.4	43.6	88							54		16		4				\$0.356	\$17.60	\$15.51	
Maine.....	5	70	6.0	5.6	53.1	46.7	88			1				5	6		58						.338	17.95	15.82
Massachusetts.....	25	291	5.5	4.9	47.4	34.7	73			12	45			234									.395	18.72	13.70
Michigan.....	2	11	6.0	5.1	50.0	41.3	83								11								.294	14.70	12.14
Minnesota.....	3	12	4.9	4.7	48.0	29.3	61							12									.422	20.26	12.38
Missouri.....	7	94	5.8	5.3	49.1	42.4	86							65	18		11						.315	15.46	13.36
New Hampshire.....	8	99	5.8	5.0	48.7	36.5	75							65	32		2						.297	14.48	10.83
New Jersey.....	4	11	5.8	5.6	47.0	39.7	84		6						3	2							.362	17.00	14.35
New York.....	11	137	5.9	5.5	47.7	41.8	88		15					111	11								.440	21.00	18.39
Ohio.....	7	105	5.6	5.4	50.0	42.4	85							30	105								.359	17.95	15.21
Pennsylvania.....	10	77	5.6	5.4	49.7	42.7	86							19	35		12						.305	15.17	13.03
Wisconsin.....	5	29	5.3	4.7	48.7	34.2	70							19	10								.370	18.02	12.63
Other States.....	1	1	6.0	6.0	48.0	44.3	92							1									.404	19.39	17.90
<b>Total.....</b>	<b>93</b>	<b>1,011</b>	<b>5.7</b>	<b>5.2</b>	<b>48.8</b>	<b>39.5</b>	<b>81</b>		<b>21</b>	<b>12</b>	<b>46</b>			<b>596</b>	<b>231</b>	<b>20</b>	<b>81</b>	<b>4</b>					<b>.363</b>	<b>17.76</b>	<b>14.36</b>
<b>Female—Two-week period:</b>																									
Virginia.....	2	24	10.9	10.3	48.0	73.7	77							24									.352	16.90	25.91
Other States.....	2	20	9.9	8.5	50.0	61.6	62								20								.313	16.25	19.30
<b>Total.....</b>	<b>4</b>	<b>44</b>	<b>10.5</b>	<b>9.5</b>	<b>48.9</b>	<b>68.2</b>	<b>70</b>							<b>24</b>	<b>20</b>								<b>.336</b>	<b>16.60</b>	<b>22.91</b>

Closers-on.																
Female—One-week period:																
Maine.....	2	14	6.0	5.4	53.6	44.7	83				1	13	.477	25.55	21.34	
Massachusetts.....	4	14	5.3	5.1	46.9	32.7	70		5		9		.464	21.78	15.15	
Michigan.....	2	3	6.0	5.7	50.0	46.8	94						.277	13.85	12.99	
Missouri.....	4	6	5.8	5.8	48.7	45.8	94				4	2	.371	18.06	16.98	
New Hampshire.....	2	5	5.2	5.2	52.0	42.6	82					4	.323	16.80	13.75	
New Jersey.....	2	2	6.0	6.0	50.7	47.7	94				1	1	.334	16.92	15.94	
New York.....	6	14	5.4	5.3	47.4	40.0	84	2			12	1	.484	22.96	19.38	
Ohio.....	4	37	6.0	5.7	50.0	46.8	94					37	.390	19.50	18.26	
Pennsylvania.....	6	21	5.7	5.5	51.1	43.0	84				6	6	.377	19.27	16.24	
Other States.....	1	11	6.0	5.5	52.5	47.5	90					11	.271	14.23	12.85	
Total.....	33	127	5.8	5.5	50.2	43.5	87	2	5		32	61	5	.395	19.96	17.18
Female—Two-week period:																
All States.....	2	2	10.5	10.5	50.0	80.9	81					2	.304	15.25	24.63	
Top stitchers.																
Male—One-week period:																
Massachusetts.....	8	32	5.6	5.4	47.8	41.6	87		5		23	4	.718	34.31	29.86	
New Hampshire.....	2	2	6.0	6.0	49.0	50.2	102				1	1	.369	18.08	18.50	
New York.....	4	12	6.0	5.9	46.7	46.4	99	4			8		.689	32.15	32.01	
Pennsylvania.....	3	12	5.5	5.5	48.0	43.6	91				12		.651	31.25	28.41	
Other States.....	2	6	5.8	5.3	53.0	42.8	81				1		.398	21.16	17.03	
Total.....	19	64	5.7	5.5	48.1	43.3	90	4	5		45	5	.657	31.59	28.43	
Female—One-week period:																
Illinois.....	5	54	5.9	5.5	50.0	45.3	91				35	14	.460	22.98	20.84	
Maine.....	5	80	6.0	5.8	53.5	46.4	87				3	6	.351	18.77	16.32	
Massachusetts.....	26	297	5.4	5.2	47.2	39.6	84		16	65	216	5	.532	25.09	21.05	
Michigan.....	3	16	6.0	5.9	49.4	47.9	97				5	11	.361	17.82	17.30	
Minnesota.....	3	14	5.0	4.7	48.0	43.4	64				14		.439	21.07	13.38	
Missouri.....	8	154	5.8	5.4	49.4	41.8	88				99	28	.417	20.61	18.11	
New Hampshire.....	8	108	5.8	5.5	48.4	41.8	86				88	1	.365	17.66	15.27	
New Jersey.....	4	10	5.5	5.1	46.1	38.7	84	7			1	2	.409	18.83	15.85	
New York.....	12	189	6.0	5.7	47.9	43.8	92				156	19	.466	22.32	20.38	
Ohio.....	7	126	5.5	5.3	50.0	42.2	84	14					.375	18.75	15.80	
Pennsylvania.....	10	66	5.8	5.6	50.1	44.4	89	2			16	34	.337	16.89	14.94	
Wisconsin.....	5	37	5.5	4.9	48.9	37.2	76				20	17	.377	18.44	14.02	
Other States.....	1	1	6.0	6.0	48.0	44.3	92				1		.553	26.54	24.51	
Total.....	96	1,146	5.7	5.4	48.8	42.2	86	2	21	16	65	653	255	.435	21.24	18.34
Female—Two-week period:																
Virginia.....	2	31	11.3	10.6	48.0	85.5	89				31		.423	20.30	36.21	
Other States.....	2	18	10.1	9.2	50.0	66.0	66					18	.397	17.47	22.28	
Total.....	4	49	10.9	10.1	48.7	78.4	80				31	18	.397	19.26	31.09	

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employ-ees.	Average number of starts (days) made in pay-roll period.		Hours.												Earnings.					
			By estab-lish-ments.	By employ-ees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—												Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.			
<b>FITTING OR STITCHING DEPARTMENT—Continued.</b>																						
<i>Binders.</i>																						
<b>Female—One week period:</b>																						
Illinois.....	2	3	6.0	6.0	53.8	53.8	100							2		1				\$0.233	\$12.52	\$12.52
Massachusetts.....	9	58	5.6	5.2	46.8	42.5	91			23			35							.542	25.37	23.03
Michigan.....	2	3	5.0	4.7	50.0	37.8	76							3						.304	15.20	11.47
Minnesota.....	2	9	4.1	3.9	48.0	29.8	62						9							.535	25.68	15.92
Missouri.....	3	30	5.9	5.7	48.0	43.8	91						30							.588	28.22	25.75
New Hampshire.....	4	13	5.9	5.5	49.2	44.4	90						9	3						.373	18.35	16.57
New York.....	9	33	5.7	5.7	47.6	41.3	87		5				25	3						.609	28.97	25.16
Ohio.....	6	33	5.0	4.9	50.0	38.8	78						33							.362	18.10	14.04
Pennsylvania.....	8	21	5.3	4.9	50.5	37.5	74						10	3		8				.401	20.27	15.03
Other States.....	3	53	6.0	5.8	53.7	45.4	85		1					1		51				.445	23.87	20.20
<b>Total.....</b>	<b>48</b>	<b>256</b>	<b>5.6</b>	<b>5.3</b>	<b>49.3</b>	<b>41.8</b>	<b>85</b>		<b>6</b>		<b>23</b>		<b>118</b>	<b>44</b>	<b>5</b>	<b>59</b>	<b>1</b>			<b>.486</b>	<b>23.79</b>	<b>20.31</b>
<b>Female—Two-week period:</b>																						
All States.....	1	1	10.0	10.0	50.0	82.0	82							1						.242	12.10	19.84
<i>Buttonhole makers.</i>																						
<b>Female—One-week period:</b>																						
Illinois.....	2	7	6.0	5.9	53.6	50.2	94								5		2			.292	15.66	14.66
Maine.....	2	8	6.0	6.0	54.0	51.4	95									8				.394	21.28	20.26
Massachusetts.....	12	16	5.1	5.0	46.7	38.8	83			7			9							.471	21.99	18.29
Missouri.....	4	6	5.8	5.8	48.0	46.0	96						6							.369	17.71	16.96
New Hampshire.....	4	4	5.3	5.3	49.6	44.7	90						2	1	1					.444	22.03	19.84
New Jersey.....	2	2	5.5	5.0	50.7	40.2	79							1	1					.277	14.03	11.11

New York.....	9	16	2 5.7	2 5.7	47.8	43.5	91	2	12	2								.409	19.53	17.80
Ohio.....	2	5	5.8	5.4	50.0	41.4	83			5								.308	15.40	12.74
Pennsylvania.....	6	12	6.3	6.1	51.6	38.3	74		2	4		6						.261	13.47	10.02
Other States.....	2	3	5.7	5.7	48.0	39.6	83		2	1								.275	13.35	10.88
Total.....	45	79	2 5.7	2 5.6	49.6	43.0	87	2	7	33	14	7	14	2				.371	18.30	15.97
Male—Two-week period:																				
All States.....	2	4	11.3	10.5	49.5	82.1	83			1	3							.328	16.33	26.97
<i>Button fasteners.</i>																				
Male—One-week period:																				
Pennsylvania.....	2	3	5.3	5.3	54.7	46.3	85					1	2					.308	16.84	14.27
Other States.....	1	1	6.0	6.0	52.5	52.0	99											.335	17.59	17.41
Total.....	3	4	5.5	5.5	54.1	47.8	88					1	1	2				.315	17.03	15.05
Male—Two-week period:																				
All States.....	1	1	2.0	2.0	50.0	18.0	18					1						.319	15.95	5.74
Female—One-week period:																				
Illinois.....	2	5	6.0	6.0	54.1	51.5	95					3	2					.272	14.72	14.01
Maine.....	2	8	6.0	6.0	54.0	51.5	95						8					.342	18.47	17.59
Massachusetts.....	12	17	5.2	5.2	46.6	41.2	88		8	9								.432	20.13	17.82
Minnesota.....	2	2	5.5	5.5	48.0	37.3	78			2								.301	14.45	11.23
Missouri.....	3	4	6.0	4.0	48.0	31.7	66			4								.288	13.83	9.14
New Hampshire.....	2	2	6.0	6.0	48.0	48.0	100			2								.416	19.96	19.96
New York.....	5	10	5.7	5.5	47.4	43.3	91	3		4	3							.332	15.74	14.35
Ohio.....	4	6	5.2	5.0	50.0	40.9	82				6							.341	17.05	13.96
Pennsylvania.....	7	16	5.6	5.5	49.3	41.3	84			11	2		3					.282	13.92	11.64
Wisconsin.....	2	2	5.5	5.0	49.0	36.9	75			1	1							.261	12.79	9.63
Other States.....	1	1	6.0	6.0	50.0	49.0	98				1							.272	14.35	14.08
Total.....	42	73	5.6	5.4	49.2	42.9	87	3	8	33	13	3	11	2				.339	16.57	14.51
Female—Two-week period:																				
All States.....	2	3	11.3	11.3	48.7	93.1	96			2	1							.307	14.93	28.54
<i>Eyeleters.</i>																				
Male—One-week period:																				
Maine.....	4	8	5.9	5.8	52.8	47.5	90			1		6						.442	23.32	20.99
Massachusetts.....	11	32	5.3	5.0	47.8	33.7	71		3	27	2							.511	24.43	17.25
New Hampshire.....	6	9	5.4	4.8	48.4	36.4	75			7	2							.408	19.77	14.88
New Jersey.....	2	2	5.5	5.5	44.0	40.8	93											.741	32.61	30.20
New York.....	4	17	6.0	5.8	47.5	46.1	97	2		15								.589	27.99	27.15
Pennsylvania.....	4	5	5.4	5.4	49.0	43.8	89			2	3							.456	22.34	19.97
Total.....	31	73	5.5	5.3	48.3	39.3	81	4	3	52	8		6					.514	24.64	20.21

<sup>2</sup> Not including data for 1 employee in 1 establishment, starts not reported.



New York.....	7	66	6.0	5.8	47.3	44.6	94	11											.625	29.58	27.83					
Pennsylvania.....	3	9	5.5	5.3	48.0	43.9	91												.758	36.38	33.31					
Other States.....	4	16	5.2	4.8	47.1	35.7	76	6											.521	24.80	18.59					
Total.....	50	347	5.5	5.3	47.8	39.2	82	17	19	27									.633	30.30	24.84					
Male—Two-week period: All States.....	2	10	10.3	10.1	48.6	83.8	86												.467	22.70	39.16					
Female—One week period: Illinois.....	5	98	5.9	5.5	49.6	44.5	90												.462	22.89	20.53					
Maine.....	5	63	6.0	5.8	52.7	48.5	92												.542	28.56	26.27					
Massachusetts.....	24	224	5.3	5.0	47.3	36.9	78												.560	26.49	20.66					
Michigan.....	3	26	6.0	5.2	49.8	43.1	87		8	44									.335	16.67	14.43					
Minnesota.....	3	25	4.5	4.4	48.0	31.6	66												.25	23.90	15.75					
Missouri.....	7	126	6.0	5.5	49.8	44.2	89												.69	29.15	20.56					
New Hampshire.....	8	96	5.7	5.4	48.4	42.3	87												.80	14.2	17.49					
New Jersey.....	4	13	5.9	5.8	47.0	40.2	86		7										.4	2	20.24					
New York.....	12	143	5.9	5.5	47.8	41.2	86		10										.124	9	22.44					
Ohio.....	7	132	5.2	5.0	50.0	38.0	76												.132	132	16.96					
Pennsylvania.....	10	94	5.7	5.2	49.7	41.5	84		1										.26	58	16.16					
Wisconsin.....	5	37	5.4	5.2	49.0	40.5	83												.19	18	19.30					
Other States.....	1	3	6.0	6.0	48.0	44.3	92												.3	18	22.25					
Total.....	94	1,080	5.6	5.3	48.9	40.9	84	1	17	8	44								.601	297	19	83	10	.483	23.69	19.76
Female—Two-week period: Virginia.....	2	31	11.4	10.4	48.0	84.5	88												.31		21.31	37.48				
Other States.....	2	31	10.4	9.5	50.0	70.2	70													.31		20.59	29.12			
Total.....	4	62	10.9	10.0	49.0	77.4	79												.31	31	20.95	33.30				
Barrers. Female—One-week period: Illinois.....	2	4	6.0	6.0	49.1	49.5	101												.3		19.41	19.53				
Maine.....	3	3	6.0	6.0	52.7	47.5	90												.408	1	21.49	19.37				
Massachusetts.....	18	33	5.2	5.1	47.0	35.3	75												.392		18.42	13.86				
Michigan.....	5	10	5.9	5.8	51.2	48.8	95			11									.4	1	17.77	16.90				
New Hampshire.....	5	7	5.4	5.3	48.3	37.6	78												.6	1	15.08	11.75				
New York.....	8	17	5.5	5.5	47.8	43.2	90		1										.9		23.02	20.81				
Ohio.....	6	13	5.5	5.3	50.0	40.6	81												.16	13	16.75	13.61				
Pennsylvania.....	8	13	5.5	5.4	50.1	43.2	86												.3	8	13.38	11.54				
Wisconsin.....	3	3	5.7	5.7	49.3	46.3	94												.1	2	17.07	16.00				
Other States.....	2	2	5.5	5.5	49.0	34.3	70												.1	1	17.08	11.89				
Total.....	60	105	5.5	5.4	48.7	40.8	84		1		11								.56	27	1	9	.372	18.11	15.21	
Female—Two-week period: Virginia.....	2	2	11.0	11.0	48.0	90.8	95												.2		13.11	24.74				
Other States.....	2	3	10.3	10.3	50.0	83.3	83												.298	3	14.83	24.87				
Total.....	4	5	10.6	10.6	49.2	86.3	88												.2	3	14.14	24.82				

**TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.**

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employ-ees.	Average number of starts (days) made in pay-roll period.		Hours.												Earnings.					
			By estab-lish-ments.	By employ-ees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—												Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.			

**FITTING OR STITCHING DEPARTMENT—Continued.**

<i>Tongue stitchers.</i>																					
<b>Female—One-week period:</b>																					
Illinois.....	4	6	5.5	5.2	48.8	42.2	86												\$0.309	\$15.06	\$13.04
Maine.....	3	5	6.0	6.0	49.2	37.3	76												.471	23.17	17.56
Massachusetts.....	16	54	5.1	4.7	47.8	32.8	69			2	2			50					.419	20.01	13.73
Michigan.....	3	9	6.0	5.8	49.8	47.6	96												.261	12.99	12.41
Minnesota.....	3	6	5.3	5.2	48.0	38.3	80												.369	17.71	14.14
Missouri.....	4	17	5.8	5.2	51.2	43.4	85												.262	13.41	11.35
New Hampshire.....	4	10	5.6	5.4	48.6	36.3	75												.261	12.69	9.46
New York.....	8	40	5.9	5.8	47.7	43.9	92		4					34					.429	20.46	18.83
Ohio.....	7	33	5.8	5.4	50.0	42.1	84												.344	17.20	14.47
Pennsylvania.....	5	16	5.6	5.4	49.3	42.2	85												.326	16.06	13.75
Wisconsin.....	2	3	5.3	5.7	48.7	40.8	84												.360	17.52	14.67
Other States.....	1	1	5.0	5.0	44.0	40.0	91		1										.356	15.66	14.22
<b>Total.....</b>	<b>60</b>	<b>200</b>	<b>5.6</b>	<b>5.3</b>	<b>48.7</b>	<b>39.7</b>	<b>82</b>		<b>5</b>	<b>2</b>	<b>2</b>			<b>114</b>	<b>70</b>	<b>1</b>	<b>6</b>		<b>.365</b>	<b>17.88</b>	<b>14.50</b>
<b>Female—Two-week period:</b>																					
All States.....	3	5	9.6	9.6	49.2	74.9	76												.257	12.62	19.28
<i>Fancy stitchers.</i>																					
<b>Female—One-week period:</b>																					
Illinois.....	4	34	5.9	5.2	49.0	41.5	85							30					.413	20.24	17.17
Maine.....	5	106	6.0	5.6	53.6	45.7	85							3					.349	18.71	15.94
Massachusetts.....	22	292	5.3	5.1	46.7	39.4	84							164			97		.536	25.01	21.13
Michigan.....	2	4	6.0	6.0	49.0	49.0	100		1	17	110			2					.429	21.00	21.00
Minnesota.....	3	12	5.5	5.0	48.0	39.8	83							12					.404	19.39	16.08
Missouri.....	7	92	6.0	5.9	48.5	43.7	90							84			7		.456	22.11	19.94
New Hampshire.....	5	29	5.6	5.5	48.2	43.5	90							26					.420	20.25	18.29
New York.....	9	80	6.0	5.7	48.0	44.5	93		3					72					.441	21.16	19.60

Ohio.....	5	53	5.2	4.9	50.0	38.5	77	.....	.....	.....	.....	.....	.....	.....	53	.....	.....	.....	.....	.....	.330	16.50	12.68
Pennsylvania.....	6	34	3.7	3.6	49.8	45.1	91	2	.....	.....	.....	.....	.....	.....	28	.....	.....	.....	.....	.....	.284	14.14	12.82
Wisconsin.....	3	5	5.4	4.8	48.8	36.1	74	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.371	18.10	13.40
Other States.....	1	3	6.0	6.0	48.0	44.3	92	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.446	21.41	19.75
Total.....	72	744	5.5	5.3	48.6	41.9	86	2	4	17	110	.....	.....	.....	400	100	.....	.....	.....	.....	.446	21.66	18.66
Female—Two-week period:																							
Virginia.....	2	15	11.1	10.9	48.0	90.2	94	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.371	17.81	33.44
Other States.....	1	5	10.0	9.0	50.0	77.4	77	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.298	14.90	23.03
Total.....	3	20	10.8	10.4	48.5	87.0	90	.....	.....	.....	.....	.....	.....	.....	15	5	.....	.....	.....	.....	.355	17.08	30.84
Backstay stitchers.																							
Female—One-week period:																							
Illinois.....	5	38	5.6	5.2	49.7	41.0	82	.....	.....	.....	.....	.....	.....	.....	27	.....	7	.....	.....	.....	.397	19.74	16.31
Maine.....	3	4	6.0	4.8	49.5	35.8	72	.....	.....	.....	.....	.....	.....	.....	1	3	.....	.....	.....	.....	.360	17.82	12.91
Massachusetts.....	19	83	5.6	5.3	47.5	39.3	83	.....	.....	8	4	.....	.....	.....	71	.....	.....	.....	.....	.....	.422	20.06	16.60
Michigan.....	2	7	6.0	5.9	49.1	47.5	97	.....	.....	.....	.....	.....	.....	.....	3	4	.....	.....	.....	.....	.364	17.89	17.28
Minnesota.....	3	12	5.1	4.4	48.0	31.8	66	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.437	20.98	13.89
Missouri.....	7	46	6.0	5.6	49.3	44.4	90	.....	.....	.....	.....	.....	.....	.....	31	8	.....	.....	.....	.....	.334	16.45	14.33
New Hampshire.....	6	25	5.8	5.5	48.3	43.2	89	.....	.....	.....	.....	.....	.....	.....	21	4	.....	.....	.....	.....	.358	17.30	15.49
New Jersey.....	2	3	5.7	5.7	48.0	38.7	81	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.306	14.69	11.82
New York.....	11	65	6.0	5.8	48.0	44.1	92	.....	2	.....	.....	.....	.....	.....	60	3	.....	.....	.....	.....	.404	19.38	17.82
Ohio.....	7	50	5.8	5.4	50.0	43.3	87	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	.....	.....	.....	.379	18.95	16.41
Pennsylvania.....	10	50	5.7	5.4	50.1	43.7	87	1	.....	.....	.....	.....	.....	.....	13	27	.....	.....	.....	.....	.304	15.22	13.29
Wisconsin.....	4	12	5.7	5.5	49.3	43.1	87	.....	.....	.....	.....	.....	.....	.....	4	8	.....	.....	.....	.....	.410	20.23	17.66
Total.....	79	395	5.7	5.5	48.8	42.2	86	1	3	8	4	.....	.....	.....	243	109	7	16	4	.....	.378	18.50	15.94
Female—Two-week period:																							
Virginia.....	2	3	10.7	10.7	48.0	89.0	93	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.426	20.45	37.89
Other States.....	2	4	9.5	9.0	50.0	74.1	74	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.284	14.19	21.07
Total.....	4	7	10.0	9.7	49.1	80.5	82	.....	.....	.....	.....	.....	.....	.....	3	4	.....	.....	.....	.....	.351	16.87	28.28
Table workers.																							
Female—One-week period:																							
Illinois.....	5	24	5.8	5.5	51.9	47.1	91	.....	.....	.....	.....	.....	.....	.....	7	.....	13	.....	.....	.....	.246	12.76	11.58
Maine.....	5	59	6.0	5.1	52.6	42.9	82	.....	.....	5	.....	.....	.....	.....	2	6	.....	.....	.....	.....	.229	12.05	9.83
Massachusetts.....	21	156	5.3	5.0	46.9	37.1	79	.....	1	8	35	.....	.....	.....	112	.....	.....	.....	.....	.....	.332	15.57	12.29
Michigan.....	3	12	6.0	5.5	49.5	44.5	90	.....	.....	.....	.....	.....	.....	.....	3	9	.....	.....	.....	.....	.212	10.49	9.46
Missouri.....	7	104	5.9	5.4	48.2	42.9	89	.....	.....	.....	.....	.....	.....	.....	98	4	.....	.....	.....	.....	.276	13.30	11.84
New Hampshire.....	4	18	5.6	5.1	48.3	35.0	72	.....	.....	.....	.....	.....	.....	.....	15	3	.....	.....	.....	.....	.297	14.36	10.39
New Jersey.....	3	13	5.7	5.7	46.3	40.6	88	.....	8	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.275	12.73	11.17
New York.....	12	111	<sup>3</sup> 6.0	<sup>3</sup> 5.7	47.2	44.9	95	.....	28	.....	.....	.....	.....	.....	74	9	.....	.....	.....	.....	.354	16.69	15.90
Ohio.....	6	48	5.7	5.2	50.0	41.3	83	.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....	.....	.....	.268	13.40	11.06
Pennsylvania.....	10	162	5.7	5.4	49.3	42.2	86	1	2	2	.....	.....	.....	.....	73	67	.....	.....	.....	.....	.253	12.47	10.68
Wisconsin.....	4	42	5.4	5.1	48.8	38.4	79	.....	.....	.....	.....	.....	.....	.....	25	17	.....	.....	.....	.....	.264	12.89	10.13
Other States.....	2	8	4.3	4.5	48.0	31.2	65	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.290	13.79	9.05
Total.....	82	757	<sup>3</sup> 5.7	<sup>3</sup> 5.3	48.6	41.3	85	1	39	15	35	.....	.....	.....	417	168	13	65	4	.....	.287	13.93	11.86

<sup>3</sup> Not including data for 2 employees in 1 establishment, starts not reported.







<i>Pullers-over, hand.</i>																		
<b>Male—One-week period:</b>																		
Illinois.....	3	7	5.7	5.7	50.6	48.3	95							3	4	.614	31.05	29.63
New York.....	2	12	6.0	6.0	44.3	48.9	110	11						1		.677	30.01	33.11
Ohio.....	2	7	5.6	5.6	50.0	42.5	85								7	.515	25.75	21.86
Other States.....	9	71	5.1	5.0	46.4	36.4	78	1	45					19	3	.905	41.65	32.97
<b>Total.....</b>	<b>16</b>	<b>97</b>	<b>5.3</b>	<b>5.2</b>	<b>46.7</b>	<b>39.3</b>	<b>84</b>	<b>12</b>	<b>45</b>					<b>23</b>	<b>3</b>	<b>.813</b>	<b>38.29</b>	<b>31.94</b>
<i>Pullers-over, machine.</i>																		
<b>Male—One-week period:</b>																		
Illinois.....	4	28	6.0	5.9	49.5	47.5	96							22	2	.723	35.81	34.33
Maine.....	5	34	6.0	5.4	53.1	40.8	77							2	5	.834	44.25	34.03
Massachusetts.....	24	159	5.4	5.2	47.5	35.6	75	7	26					112	14	.817	38.84	29.13
Michigan.....	2	8	6.0	5.9	50.0	47.3	95								8	.618	30.90	29.23
Minnesota.....	3	10	5.2	4.8	48.0	28.7	60							10		.815	39.12	23.37
Missouri.....	7	66	6.0	5.5	49.9	43.7	88							37	12	.695	34.69	30.39
New Hampshire.....	8	47	5.3	4.8	48.6	37.0	76							34	12	.575	27.95	21.30
New Jersey.....	3	6	5.7	5.7	45.2	40.9	90	5							1	.604	27.31	24.69
New York.....	12	84	5.8	5.6	47.8	43.9	92	8						69	7	.720	34.41	31.60
Ohio.....	7	49	5.8	5.2	50.0	38.9	78							49	7	.808	40.40	31.45
Pennsylvania.....	8	27	5.8	5.8	51.6	45.4	88	1						4	7	.554	28.60	25.16
Wisconsin.....	4	16	5.4	5.1	49.0	38.5	79							8	8	.702	34.40	26.99
<b>Total.....</b>	<b>87</b>	<b>534</b>	<b>5.7</b>	<b>5.4</b>	<b>48.9</b>	<b>40.0</b>	<b>82</b>	<b>1</b>	<b>13</b>	<b>7</b>	<b>26</b>			<b>298</b>	<b>122</b>	<b>.734</b>	<b>36.11</b>	<b>29.36</b>
<b>Male—Two-week period:</b>																		
Virginia.....	2	13	12.0	11.5	48.0	92.8	97							13		.603	28.94	56.00
Other States.....	2	7	10.0	9.0	50.0	64.9	65							7		.884	45.86	57.38
<b>Total.....</b>	<b>4</b>	<b>20</b>	<b>11.3</b>	<b>10.6</b>	<b>48.7</b>	<b>83.1</b>	<b>85</b>							<b>13</b>	<b>7</b>	<b>.681</b>	<b>34.86</b>	<b>56.53</b>
<i>Side lasters, hand.</i>																		
<b>Male—One-week period:</b>																		
Illinois.....	2	50	5.9	5.8	48.0	46.5	97							50		.628	30.14	29.21
Maine.....	2	6	6.0	6.0	50.0	37.8	76								6	.701	35.05	26.52
Massachusetts.....	4	105	5.4	5.3	47.0	38.5	82	31						74	7	.541	25.44	20.79
Minnesota.....	2	7	4.6	4.1	48.0	28.3	59									.619	29.71	17.49
Missouri.....	2	8	6.0	5.4	48.0	40.8	85							8		.762	36.58	31.06
New Jersey.....	2	13	5.5	5.4	44.0	33.2	75	13								.448	19.71	14.86
New York.....	8	92	5.8	5.4	46.7	39.9	85	35						46	11	.710	33.17	28.33
Ohio.....	2	39	5.9	5.8	50.0	45.4	91							39		.683	34.15	31.05
Pennsylvania.....	2	18	5.5	5.3	53.0	44.9	85							3		.877	19.98	16.94
Wisconsin.....	4	17	5.4	5.4	49.1	41.3	84							8	9	.544	26.69	22.44
<b>Total.....</b>	<b>30</b>	<b>355</b>	<b>5.7</b>	<b>5.4</b>	<b>47.8</b>	<b>40.8</b>	<b>85</b>	<b>48</b>	<b>31</b>					<b>196</b>	<b>65</b>	<b>.612</b>	<b>29.13</b>	<b>24.99</b>
<b>Male—Two-week period:</b>																		
All States.....	1	7	10.0	10.0	50.0	89.9	90								7	.738	36.90	66.36

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.								
					Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—										Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.						
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.				57 and under 60.	60 and over.				
<b>LASTING DEPARTMENT—Continued.</b>																										
<i>Side lasters, machine.</i>																										
Male—One-week period:																										
Illinois.....	3	13	5.8	5.8	53.7	50.5	94							2		5		6				\$0.569	\$30.53	\$23.76		
Maine.....	3	32	6.0	5.5	52.7	46.3	88							7		25		6					.731	\$8.51	\$3.84	
Massachusetts.....	15	93	5.6	5.4	47.9	38.4	80			13				67	13								.646	30.92	24.79	
Michigan.....	2	7	6.0	5.9	50.0	48.6	97							7									.577	28.85	28.02	
Missouri.....	4	40	5.9	5.4	51.0	45.5	89							12	12			16					.621	31.67	28.26	
New Hampshire.....	6	52	5.5	5.1	48.5	40.4	83							39	13								.473	22.94	19.11	
New Jersey.....	2	2	6.0	6.0	50.7	50.7	100								1	1							.385	19.50	19.50	
New York.....	6	53	5.9	5.7	48.0	46.8	98							53									.626	30.05	29.27	
Ohio.....	4	15	4.7	4.4	50.0	25.9	52								15								.878	43.90	22.77	
Pennsylvania.....	6	17	5.6	5.1	50.1	37.0	74							5	9			3					.564	28.23	20.90	
Wisconsin.....	2	3	3.7	3.7	48.7	36.6	75							2	1								.767	37.33	28.07	
Total.....	53	327	5.7	5.4	49.4	41.8	85			13	53	134	71	6	44	6							.618	30.73	25.85	
Male—Two-week period:																										
Virginia.....	2	10	12.0	11.6	48.0	95.0	99							10										.694	33.31	65.89
Other States.....	1	1	10.0	10.0	50.0	82.0	82							1										.500	25.00	41.04
Total.....	3	11	11.8	11.5	48.2	93.8	97							10	1									.678	32.56	63.63
<i>Bed-machine operators.</i>																										
Male—One-week period:																										
Illinois.....	5	83	5.9	5.7	50.0	46.0	92							57		13		13						.650	32.52	29.94
Maine.....	5	74	6.0	5.6	52.9	45.2	85							8	9			57						.766	40.49	34.63
Massachusetts.....	23	390	5.3	5.2	47.6	36.5	77			25	34			309	22									.669	31.87	24.42

Michigan.....	3	18	6.0	5.7	49.7	46.1	93					3	15					.606	30.10	27.98
Minnesota.....	3	19	4.8	4.8	48.0	31.9	66					19						.750	36.00	23.91
Missouri.....	6	113	5.9	5.5	51.0	46.5	91					38	28		47			.676	34.47	31.46
New Hampshire.....	6	97	5.8	5.5	48.4	43.2	89					78	19					.531	25.70	22.91
New Jersey.....	4	11	5.6	5.6	45.2	42.6	94		9			1	1					.661	29.88	28.16
New York.....	11	178	5.9	5.5	47.5	45.3	95		26			142	10					.706	33.55	31.97
Ohio.....	4	60	5.7	5.1	50.0	39.2	78					6	10					.894	43.20	33.84
Pennsylvania.....	7	48	5.9	5.8	52.6	48.8	93					4	10		34			.517	27.20	25.23
Wisconsin.....	4	29	5.2	5.1	49.2	39.4	80					12	17					.616	30.29	24.26
Other States.....	1	2	6.0	6.0	48.0	40.0	83					2						.721	34.61	28.82
Total.....	82	1,122	5.7	5.4	48.9	41.7	85			35	25	34	673	191	13	138	13	.670	32.87	27.91
Male—Two-week period:																				
Virginia.....	2	28	12.0	10.7	48.0	84.3	88					28						.629	30.19	53.06
Other States.....	2	17	10.0	9.2	50.0	78.2	78					17						.612	30.50	47.84
Total.....	4	45	11.2	10.2								28	17					.623	30.31	51.09
<i>Hand-method lasting machine operators.</i>																				
Male—One-week period:																				
Illinois.....	2	8	5.3	4.8	48.0	38.1	79					8						.788	37.82	30.02
Massachusetts.....	4	35	5.3	5.2	46.3	40.6	88				26	9						.906	41.93	36.80
Minnesota.....	2	4	4.8	4.5	48.0	24.8	52					4						.900	43.20	22.34
Missouri.....	3	23	5.8	5.4	48.2	42.3	88					21	2					.766	36.90	32.44
New Hampshire.....	2	8	4.8	4.6	50.9	39.5	78					5	3					.587	29.90	23.17
Ohio.....	6	70	5.9	5.7	50.0	46.2	92					70						.731	36.55	33.80
Pennsylvania.....	2	8	5.6	5.6	51.8	47.0	91					3			5			.442	22.87	20.75
Wisconsin.....	2	2	5.5	5.5	49.0	43.2	88					1	1					.560	27.44	24.18
Other States.....	3	17	6.0	5.8	53.4	50.0	94					1	1		15			.614	32.72	30.70
Total.....	26	175	5.7	5.5	49.3	43.8	89				26	38	88	3	20			.737	36.45	32.27
Male—Two-week period:																				
All States.....	1	3	8.0	6.3	50.0	48.7	49							3				.610	30.50	29.67
<i>Turn lasters, hand.</i>																				
Male—One-week period:																				
Massachusetts.....	4	128	4.7	4.3	46.2	32.9	71				78	50						.813	37.54	26.74
Missouri.....	3	123	6.0	5.6	48.0	39.7	83					123						.827	39.70	32.82
New Jersey.....	2	13	5.9	5.9	49.5	43.5	88		1				12					.806	39.93	35.04
New York.....	9	69	5.6	5.4	47.9	44.6	93		9			46	14					.631	30.21	28.14
Ohio.....	3	39	5.9	5.5	50.0	42.5	85					39						.802	40.10	34.13
Pennsylvania.....	5	121	5.8	5.6	50.7	44.0	87					75			46			.731	37.03	32.14
Wisconsin.....	2	46	5.3	5.2	48.6	40.5	83					33	13					.586	28.46	23.73
Other States.....	1	9	6.0	5.9	52.5	52.2	99					33		9				.426	22.66	22.23
Total.....	29	548	5.5	5.2	48.4	40.2	83		10		78	327	78	9		46		.742	36.22	29.87
Male—Two-week period:																				
All States.....	1	23	10.0	10.0	50.0	81.3	81							23				.497	24.85	40.44

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.					
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—										Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.			
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.				57 and under 60.	60 and over.	
<b>LASTING DEPARTMENT—Concluded.</b>																							
<i>Turn lasters, machine.</i>																							
Male—One-week period:																							
New York.....	2	17	5.2	5.1	47.3	44.9	95	3												\$0.599	\$28.33	\$26.90	
Ohio.....	2	5	5.0	5.0	50.0	36.0	72						5								.748	37.40	26.93
Pennsylvania.....	2	7	5.3	5.0	48.6	28.5	59						5	2							.629	30.55	17.93
Other States.....	1	2	6.0	6.0	48.0	49.9	104						2								.657	31.54	32.80
Total.....	7	31	5.2	5.1	48.1	40.1	83	3					21	7							.630	30.50	25.26
<i>Turn sewers.</i>																							
Male—One-week period:																							
Massachusetts.....	4	8	4.8	4.8	46.5	37.3	80				4		4								1.066	49.57	39.73
Missouri.....	3	5	5.6	5.6	48.0	40.9	85				4		5								.911	43.73	37.21
New York.....	8	12	5.5	5.5	47.2	44.5	94	3					8	1							.865	40.80	38.50
Ohio.....	2	2	5.5	5.5	50.0	47.5	95						2								1.047	52.35	49.75
Pennsylvania.....	5	18	5.8	5.7	51.1	42.6	83						10			8					.726	37.11	30.92
Other States.....	2	7	5.7	5.7	35.9	51.8	93						2				5				.646	37.25	33.43
Total.....	24	52	5.5	5.5	49.8	43.5	87	3	4				29	3		8	5				.821	41.12	35.69
Male—Two-week period:																							
All States.....	1	3	10.0	9.7	50.0	74.8	75							3							.462	23.10	34.59

<i>Tack pullers, hand.</i>																			
Male—One-week period:																			
Maine.....	2	6	6.0	5.2	53.3	33.0	62										.533	28.43	17.60
Massachusetts.....	17	62	5.2	5.1	47.6	33.6	71	1	9	50	2						.486	23.12	16.32
Michigan.....	2	2	6.0	6.0	50.0	40.3	81				2						.511	25.55	20.59
Missouri.....	2	5	5.4	5.0	48.0	33.1	69				5						.321	15.41	10.61
New York.....	5	21	5.8	5.4	46.3	40.6	88										.522	24.16	21.19
Pennsylvania.....	3	3	5.3	5.3	49.2	42.9	87	9		12	1	2					.459	22.57	19.69
Wisconsin.....	2	3	5.3	5.3	48.7	39.3	81				2	1					.290	14.11	11.40
Other States.....	4	9	5.2	4.8	48.4	25.4	52	1			4	4					.372	19.93	9.45
Total.....	37	111	5.4	5.1	47.8	34.7	73	11	9	74	12						.476	22.78	16.53
Male—Two-week period:																			
All States.....	1	3	10.0	10.0	50.0	83.0	83										.299	14.95	24.83
<i>Tack pullers, machine.</i>																			
Male—One-week period:																			
Illinois.....	5	18	5.9	5.7	48.7	43.1	89				16		1		1		.409	19.93	17.64
Maine.....	2	6	6.0	5.0	53.3	40.2	75				1						.377	20.11	15.13
Massachusetts.....	13	51	5.5	5.2	47.3	33.4	71	1	3	10	32	5			5		.464	21.96	15.48
Minnesota.....	2	5	5.4	5.0	48.0	33.7	70				5						.535	25.68	18.05
Missouri.....	6	30	6.0	5.3	51.2	43.7	85				14				16		.385	19.71	16.83
New Hampshire.....	6	20	5.5	5.0	48.2	38.7	80				18	2					.356	17.16	13.78
New Jersey.....	3	3	5.7	5.7	46.0	38.0	83					1					.608	27.97	28.11
New York.....	8	36	5.8	5.8	48.1	48.4	101	2			32	3					.378	18.17	18.31
Ohio.....	3	17	5.7	5.6	50.0	44.4	89	1				17					.350	19.00	16.88
Pennsylvania.....	5	21	5.7	5.7	51.6	43.3	84				7	2			12		.324	16.72	14.05
Wisconsin.....	3	7	5.3	5.0	48.9	38.1	78				4	3					.387	18.91	14.74
Other States.....	2	5	6.0	6.0	49.6	38.1	77				1	4					.396	19.70	15.07
Total.....	58	219	5.7	5.4	49.1	40.9	83	4	3	10	129	38	1	33	1		.398	19.66	16.24
Male—Two-week period:																			
Virginia.....	2	12	12.0	10.1	48.0	80.4	84				12						.378	18.14	30.38
Other States.....	2	3	10.0	10.0								3							
Total.....	4	15	11.6	10.7	48.4	80.7	83				12	3					.412	20.00	33.22
Female—One-week period:																			
All States.....	5	23	5.9	5.8	48.9	46.7	96				13	10					.299	14.57	13.98

<sup>2</sup> Not including data for 1 employee in 1 establishment, starts not reported.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.					
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—													Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.				
<b>BOTTOMING DEPARTMENT.</b>																							
<i>Goodyear welters.</i>																							
Male—One-week period:																							
Illinois.....	3	20	6.0	5.6	48.0	39.2	82							20						\$1.073	\$51.50	\$42.00	
Maine.....	5	15	5.8	5.7	51.5	33.1	64							3	5			7			.861	44.31	28.51
Massachusetts.....	19	143	5.1	5.0	47.4	31.3	66			13	16			109	5						.948	44.97	29.64
Michigan.....	3	8	6.0	6.0	49.3	44.1	89							3	5						.809	39.84	35.67
Minnesota.....	3	8	5.0	5.1	48.0	28.3	59							8							1.147	55.06	32.49
Missouri.....	4	21	6.0	5.6	51.2	44.5	87							9	1			11			.878	44.99	39.08
New Hampshire.....	5	31	4.7	4.7	48.0	35.8	75							31							.748	35.90	26.76
New Jersey.....	3	4	5.5	5.5	45.5	32.1	71			3					1						1.133	51.55	36.39
New York.....	9	47	5.7	5.6	47.1	39.8	85			12				31	4						.878	41.40	34.96
Ohio.....	3	26	5.2	5.4	50.0	35.5	71								26						.899	44.95	31.93
Pennsylvania.....	7	20	5.6	5.5	52.3	42.4	81							3	4			13			.708	37.01	30.02
Wisconsin.....	5	11	5.5	5.3	49.3	41.4	84								7						.809	39.86	33.44
Other States.....	1	1	6.0	6.0	48.0	34.0	71							1							.633	30.38	21.51
Total.....	70	355	5.4	5.2	48.4	35.6	74			15	13	16	3	223	54	13	18				.895	43.58	31.86
Male—Two-week period:																							
Virginia.....	2	14	12.0	11.1	48.0	87.9	92							14							.791	37.97	69.49
Other States.....	2	6	9.8	9.3	50.0	70.5	71								6						.781	38.90	55.05
Total.....	4	20	11.4	10.6	48.6	82.7	85							14	6						.788	38.25	65.16



TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.							
			By establishments.	By employees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—													Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.		
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.						
<b>BOTTOMING DEPARTMENT—Continued.</b>																									
<i>Sole cementers, hand and machine.</i>																									
Male—One-week period:																									
Illinois.....	4	7	5.3	5.1	49.2	41.6	85							6				1				\$0.438	\$21.56	\$18.24	
Maine.....	4	8	6.0	6.0	52.8	43.3	82							1	1							.452	23.84	19.56	
Massachusetts.....	16	36	5.3	5.3	46.9	35.0	75	5		7				23	1			6				.410	19.24	14.35	
Michigan.....	3	3	6.0	6.0	49.3	45.3	92							1	2							.396	19.53	17.97	
Missouri.....	7	22	6.0	5.6	48.7	43.9	90							18	2			2				.372	18.13	16.35	
New Hampshire.....	5	5	6.0	6.0	48.9	47.5	97							4		1						.364	17.80	16.28	
New York.....	8	17	45.9	45.4	47.6	41.5	87	2						14	1							.443	21.11	15.40	
Ohio.....	6	15	5.8	5.1	50.0	36.9	74							13								.560	28.00	20.64	
Pennsylvania.....	7	15	5.7	5.7	51.9	47.1	63							3				9				.290	15.06	13.66	
Wisconsin.....	2	4	5.0	4.5	49.0	29.8	61							2	2							.416	20.39	12.37	
Other States.....	2	3	4.3	4.0	46.7	28.7	61		1					2								.514	23.27	14.73	
Total.....	64	135	45.6	45.4	48.9	40.1	82		8		7			74	27	1	17	1				.411	20.27	16.46	
Male—Two-week period:																									
Virginia.....	2	5	12.0	10.8	48.0	33.8	87							5								.354	16.99	29.66	
Other States.....	2	3	9.7	9.7	50.0	78.5	79								3							.362	18.10	23.38	
Total.....	4	8	11.1	10.4	48.8	81.8	84							5	3							.357	17.41	29.18	
Female—One-week period:																									
Massachusetts.....	2	3	6.0	6.0	49.3	31.5	64								3							.336	16.58	10.60	
New Hampshire.....	2	3	5.3	5.3	48.7	43.5	89							2	1							.309	15.04	13.45	
Other States.....	4	4	6.0	6.0	52.1	44.0	84							1	1			1	1			.372	19.83	16.37	
Total.....	8	10	5.8	5.8	50.3	40.1	80							3	5			1	1			.343	17.41	13.76	

<i>Sole layers, hand.</i>																		
Male—One-week period:																		
New York	2	2	5.5	5.5	44.0	48.0	109	2					.506	22.27	24.23			
Pennsylvania	2	2	5.0	5.0	48.0	41.6	87						.550	26.40	22.86			
Other States	3	5	6.0	5.8	48.0	41.8	87						.699	33.01	29.18			
Total	7	9	5.7	5.6	47.1	43.1	92	2					.619	29.15	26.69			
<i>Sole layers, machine.</i>																		
Male—One-week period:																		
Illinois	4	10	5.6	5.5	48.9	41.8	85			3	7			.609	29.14	25.42		
Maine	5	8	6.0	5.9	52.3	40.3	77				3		5	.607	31.72	24.49		
Massachusetts	23	75	5.3	5.2	47.3	35.4	75	1	3	19	42	10		.680	32.15	24.10		
Minnesota	2	3	5.7	5.3	48.0	33.8	70				3			.632	30.34	21.33		
Missouri	5	16	6.0	5.0	50.6	49.5	98				5	6	5	.495	25.06	24.54		
New Hampshire	8	21	5.5	5.1	49.2	38.9	79				11	8	2	.523	25.73	20.36		
New Jersey	2	2	5.5	5.5	44.0	39.0	89	2						.551	24.25	21.48		
New York	10	32	5.9	5.9	47.6	40.7	89				2			.730	34.77	34.10		
Ohio	6	35	5.9	5.6	50.0	44.5	89	4			26	2		.715	35.75	31.83		
Pennsylvania	7	13	5.7	5.6	51.0	39.5	77				3	5	5	.529	28.98	20.87		
Wisconsin	3	5	5.4	5.4	48.8	39.0	80				3	2		.577	28.16	22.49		
Other States	1	3	6.0	6.0	50.0	34.4	69				3	3		.639	31.95	22.01		
Total	76	223	5.6	5.5	48.6	40.6	84	7	3	19	3	100	74	2	15	.645	31.34	26.19
Male—Two-week period:																		
Virginia	2	5	12.0	11.2	48.0	84.6	88							.576	27.65	48.77		
Other States	1	1	10.0	10.0	50.0	92.0	92					5	1	.918	45.90	84.45		
Total	3	6	11.7	11.0	48.3	85.8	89					5	1	.637	30.69	54.72		
<i>Rough rounders.</i>																		
Male—One-week period:																		
Illinois	4	19	5.9	5.8	48.9	40.8	83							.811	39.65	33.11		
Maine	5	9	5.8	5.7	51.3	33.0	64					17		.887	45.53	29.25		
Massachusetts	19	70	5.2	5.1	47.6	33.6	71			4	8	55	3	.902	42.89	30.29		
Michigan	2	4	6.0	6.0	49.5	43.3	87					1	3	.806	39.90	34.93		
Minnesota	2	6	5.7	5.3	48.0	28.5	59					6		.998	47.90	28.40		
Missouri	5	22	6.0	5.4	50.2	41.4	82					14		.800	40.15	33.10		
New Hampshire	5	17	5.6	5.5	48.0	41.5	86					17		.715	34.32	29.65		
New Jersey	3	3	5.7	5.7	46.0	40.2	87	2					1	.827	38.04	33.23		
New York	9	30	5.9	5.9	47.5	42.8	90	5				23	2	.787	37.36	33.71		
Ohio	3	11	5.6	5.6	50.0	41.2	82						11	.918	45.90	37.82		
Pennsylvania	9	20	5.4	5.2	51.9	35.8	69					5	3	.634	32.92	22.72		
Wisconsin	4	7	5.3	5.3	48.9	40.9	84					4	3	.783	38.26	32.04		
Other States	1	1	6.0	6.0	48.0	44.5	93					1		.657	31.54	29.23		
Total	71	219	5.6	5.4	48.7	37.8	78	7	4	8		145	29	.819	40.08	31.00		
Male—Two-week period:																		
Virginia	2	6	12.0	12.0	48.0	88.7	92							.812	38.98	71.96		
Other States	2	3	9.7	9.7	50.0	84.3	84					6	3	.723	36.42	60.93		
Total	4	9	11.2	11.2	48.7	87.2	90					6	3	.783	38.12	68.28		

<sup>4</sup> Not including data for 3 employees in 1 establishment, starts not reported.



Missouri.....	2	8	6.0	6.0	51.5	51.3	100					5						.302	15.55	15.49	
Other States.....	4	5	6.0	5.8	48.4	47.1	97		1			1	3			3			.342	16.44	16.10
Total.....	14	29	5.7	5.6	50.0	43.4	87		1			11	10			7			.380	19.64	16.48
<i>Goodyear stitchers.</i>																					
Male—One-week period:																					
Illinois.....	3	27	6.0	5.6	48.0	38.3	80					27							.966	46.37	37.02
Maine.....	5	22	5.9	5.7	51.1	39.9	78					6	7			9			.601	30.71	23.98
Massachusetts.....	20	178	5.2	5.1	47.6	35.2	74				12	18			140	8			.828	39.38	29.14
Michigan.....	3	9	6.0	5.7	49.8	46.0	92					1	8						.748	37.23	34.33
Minnesota.....	2	9	5.2	5.4	48.0	34.8	72					9							.873	41.90	30.40
Missouri.....	7	60	6.0	6.0	50.3	43.7	87					36	1			23			.733	36.89	32.06
New Hampshire.....	5	56	5.7	5.5	48.0	40.9	85					56							.669	32.11	27.36
New Jersey.....	3	4	5.8	5.8	45.5	45.3	100						1						.865	39.36	39.12
New York.....	9	71	5.9	5.8	47.5	45.8	96			3			8						.698	33.19	31.96
Ohio.....	3	25	5.6	5.5	50.0	39.5	79			12					25				.881	44.05	34.78
Pennsylvania.....	8	39	5.6	5.5	51.1	39.9	78								12	9		18	.628	32.12	25.05
Wisconsin.....	4	16	5.3	5.3	48.9	39.1	80						9		7				.802	39.20	31.36
Other States.....	1	1	6.0	6.0	48.0	48.0	100						1						.625	30.00	30.00
Total.....	73	517	5.6	5.4	48.6	39.6	81		15	12	18		348	74		50			.760	36.91	30.09
Male—Two-week period:																					
Virginia.....	2	16	12.0	11.9	48.0	95.8	100								16				.699	33.55	66.92
Other States.....	2	10	9.8	9.0	50.0	77.0	77								10				.594	29.55	45.75
Total.....	4	26	11.2	10.8	48.8	88.5	91								16	10			.664	32.01	58.78
<i>McKay sewers.</i>																					
Male—One-week period:																					
Illinois.....	2	6	6.0	5.3	54.5	45.5	83									3		3	.544	29.65	24.73
Maine.....	2	30	6.0	5.9	54.0	50.1	93									30			.599	32.35	30.05
Massachusetts.....	12	33	5.6	5.4	47.2	37.3	79				14		11	8		30			.764	36.07	28.52
Minnesota.....	2	2	4.0	4.0	48.0	30.7	64						2						.664	31.87	20.35
Missouri.....	3	17	5.9	5.9	49.1	46.7	95						8	9					.656	32.18	30.63
New Hampshire.....	3	14	5.7	5.6	50.2	48.9	97							13	1				.535	26.85	26.13
New Jersey.....	2	2	6.0	6.0	50.7	50.7	100							1	1				.474	24.00	24.00
New York.....	2	7	6.0	4.6	48.0	35.1	73						7						.995	47.76	34.91
Ohio.....	5	20	6.0	6.0	50.0	50.2	100							20					.697	34.85	35.02
Pennsylvania.....	3	3	5.7	5.7	50.5	47.5	94							1	1			1	.631	31.87	29.99
Other States.....	2	2	6.0	6.0	49.0	49.0	100							1	1				.577	28.25	28.25
Total.....	38	136	5.8	5.6	50.2	45.1	90				14		30	53	5	31	3		.661	33.50	29.93
Male—Two-week period:																					
All States.....	1	2	8.0	8.0	50.0	59.0	59							2					.491	24.55	28.95

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employ-ees.	Average num-ber of starts (days) made in pay-roll period.		Hours.													Earnings.		
					Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—										Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.			

## BOTTOMING DEPARTMENT—Continued.

<i>Stitch separators.</i>																														
<b>Male—One-week period:</b>																														
Illinois.....	3	12	5.8	5.8	48.8	41.2	84							10		2										\$0.491	\$23.94	\$20.18		
Massachusetts.....	14	41	5.3	5.2	47.9	35.7	75			2	1			36	2												.540	25.84	19.27	
Minnesota.....	2	2	5.5	5.5	48.0	35.2	73							2	2												.553	26.55	19.43	
Missouri.....	2	3	6.0	4.7	49.3	37.3	76							1	2												.549	27.08	20.48	
New Hampshire.....	5	10	5.6	5.6	48.6	43.8	90							7	3												.483	23.47	21.16	
New York.....	5	10	5.7	5.3	47.2	41.1	87		2					8													.558	26.34	22.96	
Ohio.....	4	12	5.8	5.6	50.0	45.9	92								12												.423	21.15	19.41	
Pennsylvania.....	5	12	5.9	5.8	52.3	48.2	92							2	2		8										.409	21.39	19.70	
Wisconsin.....	2	2	5.5	5.5	49.0	43.5	89							1	1												.561	27.49	24.40	
Other States.....	2	3	6.0	6.0	46.0	45.3	98		2						1												.459	21.20	20.82	
Total.....	44	107	5.6	5.4	48.7	40.6	83		4	2	1			67	23	2	8											.496	24.38	20.13
<b>Male—Two-week period:</b>																														
All States.....	1	1	12.0	12.0	48.0	87.0	91							1														.681	32.69	59.28
<i>Levelers.</i>																														
<b>Male—One-week period:</b>																														
Illinois.....	5	18	5.9	5.7	50.7	45.5	90							10		5		3										.506	25.64	23.01
Maine.....	5	25	6.0	5.9	53.3	48.3	87							1	3													.606	32.29	28.07
Massachusetts.....	25	83	5.5	5.4	47.5	37.8	80			3	16			56	8		21											.638	30.30	24.10
Michigan.....	3	5	6.0	5.8	49.2	46.5	95							2	3													.606	29.82	28.16
Minnesota.....	3	5	5.2	5.0	48.0	36.4	76							5														.662	31.78	24.11
Missouri.....	7	22	6.0	5.9	49.4	47.1	95							15	3		4											.566	27.94	26.65

New Hampshire.....	8	22	5.4	5.2	48.8	40.9	84					14	7	1					.461	22.52	18.83
New Jersey.....	3	4	5.8	4.5	47.6	36.1	76		2					2					.580	27.62	20.95
New York.....	12	48	5.8	5.7	47.3	45.7	97		10			35	3						.566	26.77	25.89
Ohio.....	7	43	5.8	5.8	50.0	43.6	87						43						.668	33.40	29.11
Pennsylvania.....	9	22	5.6	5.3	50.8	39.3	77					10	3		6	3			.442	22.46	17.38
Wisconsin.....	4	7	5.5	5.5	49.1	41.8	85						3	4					.536	26.34	22.38
Other States.....	1	1	6.0	6.0	48.0	44.5	93					1							.366	17.57	16.27
<b>Total.....</b>	<b>92</b>	<b>305</b>	<b>5.7</b>	<b>5.6</b>	<b>49.0</b>	<b>42.2</b>	<b>86</b>			<b>12</b>	<b>3</b>	<b>16</b>	<b>152</b>	<b>77</b>	<b>8</b>	<b>31</b>	<b>6</b>		<b>.583</b>	<b>28.62</b>	<b>24.63</b>
<b>Male—Two-week period:</b>																					
Virginia.....	2	7	12.0	11.9	48.0	96.1	100						7						.569	27.31	54.71
Other States.....	2	6	11.0	9.7	50.0	77.1	77						6						.397	19.90	30.64
<b>Total.....</b>	<b>4</b>	<b>13</b>	<b>11.5</b>	<b>10.8</b>	<b>48.9</b>	<b>87.3</b>	<b>89</b>						<b>7</b>	<b>6</b>					<b>.499</b>	<b>23.89</b>	<b>43.60</b>
<i>Heelers, leather.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	5	20	5.9	5.7	49.7	43.0	87						15		2		3		.816	40.58	35.10
Maine.....	5	24	6.0	6.0	53.0	44.3	84						2	3		19			.842	44.63	37.31
Massachusetts.....	26	95	5.4	5.1	47.3	36.5	77			8	19		60	8					.792	37.45	28.91
Michigan.....	2	4	6.0	6.0	50.0	42.8	86							4					.677	33.85	28.93
Minnesota.....	2	7	5.3	4.7	48.0	38.5	70						7						.806	38.69	26.98
Missouri.....	7	36	5.9	5.7	49.7	46.1	93						22	6		8			.647	32.13	29.86
New Hampshire.....	8	32	5.6	5.5	48.6	41.4	85						23	8	1				.765	37.21	31.64
New Jersey.....	4	5	5.8	5.8	46.7	42.3	91		3				1		1				.628	29.30	26.54
New York.....	12	45	5.8	5.8	47.6	41.6	87		6				36	3					.793	37.75	33.02
Ohio.....	7	35	5.8	5.7	50.0	43.0	86							35					.782	39.10	33.66
Pennsylvania.....	10	21	5.8	5.7	50.6	41.8	83						7	7		6	1		.574	29.07	24.02
Wisconsin.....	5	13	5.4	5.2	48.8	40.8	84						8	5					.696	33.94	28.41
Other States.....	1	1	6.0	6.0	48.0	38.0	79						1						1.005	48.24	38.19
<b>Total.....</b>	<b>94</b>	<b>338</b>	<b>5.7</b>	<b>5.5</b>	<b>48.8</b>	<b>40.9</b>	<b>84</b>			<b>9</b>	<b>8</b>	<b>19</b>	<b>181</b>	<b>80</b>	<b>4</b>	<b>33</b>	<b>4</b>		<b>.756</b>	<b>37.01</b>	<b>30.90</b>
<b>Male—Two-week period:</b>																					
Virginia.....	2	4	12.0	12.0	48.0	80.0	83												1.298	62.31	103.85
Other States.....	2	6	11.0	11.0	50.0	88.8	89						4						.576	28.53	51.16
<b>Total.....</b>	<b>4</b>	<b>10</b>	<b>11.4</b>	<b>11.4</b>	<b>49.2</b>	<b>85.3</b>	<b>87</b>						<b>4</b>	<b>6</b>					<b>.847</b>	<b>42.04</b>	<b>72.24</b>
<i>Heelers, wood.</i>																					
<b>Male—One-week period:</b>																					
Massachusetts.....	8	72	5.3	4.9	46.9	35.8	76												.767	35.96	27.43
Missouri.....	3	45	6.0	5.9	48.0	46.8	98				30		37	5					.697	33.46	32.63
New York.....	9	59	5.7	5.4	47.5	40.4	85						45						.710	35.74	28.71
Ohio.....	3	35	5.8	5.8	50.0	45.7	91		11				40	8					.725	36.25	33.16
Pennsylvania.....	3	32	5.7	4.0	48.1	27.4	57						35						.520	24.99	14.24
Other States.....	1	2	6.0	6.0	54.0	45.0	33						31	1					.589	31.81	26.49
<b>Total.....</b>	<b>27</b>	<b>245</b>	<b>5.6</b>	<b>5.2</b>	<b>47.9</b>	<b>39.3</b>	<b>82</b>			<b>11</b>		<b>30</b>	<b>153</b>	<b>49</b>			<b>2</b>		<b>.710</b>	<b>33.77</b>	<b>27.91</b>

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employees.	Average number of starts (days) made in pay-roll period.		Hours.														Earnings.		
					Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—											Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.			
<b>BOTTOMING DEPARTMENT—Continued.</b>																					
<i>Heel trimmers or shavers.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	5	18	5.9	5.6	49.7	40.7	82											\$0.802	\$39.83	\$32.64	
Maine.....	5	18	6.0	5.5	53.0	41.4	78											.748	39.64	31.00	
Massachusetts.....	25	74	5.3	5.1	47.3	36.0	76			4	17			46	7			.858	40.60	30.92	
Michigan.....	2	4	6.0	6.0	50.0	44.0	88								4			.598	29.90	26.32	
Minnesota.....	3	5	5.4	5.2	48.0	32.0	67							5				.774	37.15	24.79	
Missouri.....	7	22	5.9	5.6	49.7	44.7	90							13	4		5	.703	34.96	31.47	
New Hampshire.....	7	15	5.6	5.6	48.4	40.9	85							12	3			.703	34.03	28.73	
New Jersey.....	4	5	5.2	5.2	46.7	35.1	75		3						1	1		.816	38.07	28.61	
New York.....	11	29	5.9	5.6	47.6	40.6	85		4					23	2			.886	42.16	36.03	
Ohio.....	7	23	5.6	5.5	50.0	42.1	84							23				.756	37.80	31.85	
Pennsylvania.....	9	17	5.9	5.8	51.7	45.0	87							4	4		7	.614	31.75	27.61	
Wisconsin.....	5	7	5.5	5.3	49.1	42.1	86							4	3		4	.728	35.78	30.64	
Total.....	90	237	5.6	5.4	48.9	39.9	82		7	4	17			121	55	2	26	5	.862	38.36	31.18
<b>Male—Two-week period:</b>																					
Virginia.....	2	4	12.0	11.8	48.0	86.3	90							4				.635	30.48	54.78	
Other States.....	2	5	11.0	11.0	50.0	85.2	85								5			.580	28.78	49.46	
Total.....	4	9	11.4	11.3	49.1	85.6	87							4	5			.606	29.54	51.82	





FINISHING DEPARTMENT.

<i>Buffers.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	5	25	5.7	5.5	50.6	42.4	84							15	5	5			\$0.631	\$31.93	\$26.80
Maine.....	5	29	6.0	5.9	53.4	46.8	88							1	3	25			.638	34.06	29.89
Massachusetts.....	26	86	5.4	5.2	47.0	34.4	73			13	20			45	8				.744	34.96	25.57
Michigan.....	2	5	6.0	5.8	49.6	44.6	90							1	4				.659	32.69	29.37
Minnesota.....	3	8	5.8	5.5	48.0	38.3	80							8					.717	34.42	27.46
Missouri.....	7	47	6.0	5.7	49.1	46.1	94							32	9	6			.630	30.96	29.04
New Hampshire.....	8	29	5.5	5.2	48.8	42.2	86							18	10	1			.555	27.11	23.41
New Jersey.....	4	9	5.7	5.7	45.5	37.3	82							1	1				.524	23.83	19.52
New York.....	11	66	5.9	5.8	48.0	41.8	87		7					50	11				.580	27.86	24.25
Ohio.....	7	53	5.7	5.6	50.0	45.4	91		5					53					.638	31.90	29.00
Pennsylvania.....	10	25	5.8	5.4	50.6	38.2	75							13	3	4	5		.514	26.00	19.66
Wisconsin.....	5	12	5.3	5.3	48.8	40.7	83							7	5				.610	29.79	24.82
Other States.....	1	2	6.0	6.0	48.0	44.3	92							2					.714	34.27	31.60
Total.....	94	396	5.7	5.5	49.0	41.2	84		12	13	20			192	107	7	35	10	.632	31.04	26.04
<b>Male—Two-week period:</b>																					
Virginia.....	2	7	12.0	11.4	48.0	89.1	93							7					.606	29.09	54.04
Other States.....	2	5	11.0	10.6	50.0	87.0	87								5				.530	26.66	46.08
Total.....	4	12	11.6	11.1	48.8	88.3	90							7	5				.575	28.08	50.72
<i>Edge setters.</i>																					
<b>Male—One-week period:</b>																					
Illinois.....	5	47	6.0	5.7	50.1	43.1	86							32		8		7	.711	35.60	30.61
Maine.....	5	41	6.0	5.5	52.9	41.8	79							4	5				.754	39.91	31.50
Massachusetts.....	26	217	5.3	5.2	47.4	36.7	77							146	17		32		.837	39.66	30.74
Michigan.....	3	11	5.6	5.4	49.6	39.3	80			15	39			2	9				.673	33.41	26.42
Minnesota.....	3	15	5.9	5.3	48.0	34.9	73							15					.727	34.90	25.35
Missouri.....	7	75	5.9	5.7	49.6	44.9	91							50	7				.827	41.04	37.15
New Hampshire.....	8	55	5.5	5.2	48.5	41.3	85							43	10	2			.662	32.13	27.37
New Jersey.....	4	11	5.7	5.7	46.3	37.5	81		7					3	3	1			.681	31.53	25.56
New York.....	12	102	5.8	5.5	47.6	41.8	88		11					88	3				.744	35.43	31.08
Ohio.....	7	89	5.8	5.6	50.0	44.8	90							89					.768	38.40	34.40
Pennsylvania.....	10	62	5.8	5.6	51.6	41.4	80							20	9		24	9	.648	33.43	26.82
Wisconsin.....	5	20	5.3	5.2	48.8	39.1	80							12	8				.731	35.67	28.56
Other States.....	1	1	6.0	6.0	48.0	43.0	90							1					.699	33.55	30.05
Total.....	96	746	5.7	5.4	48.9	40.7	83		18	15	39			413	160	11	74	16	.763	37.33	31.02
<b>Male—Two-week period:</b>																					
Virginia.....	2	19	12.0	10.7	48.0	83.2	87							19					.674	32.35	56.09
Other States.....	2	14	11.0	11.0	50.0	87.9	88								14				.527	26.50	46.38
Total.....	4	33	11.6	10.8	48.8	85.2	87							19	14				.610	29.87	51.97

GENERAL TABLES.



<i>Heel burnishers.</i>																			
Male—One-week period:																			
Illinois.....	5	16	5.9	5.6	49.9	41.7	84				12	1	3			.634	31.62	26.44	
Maine.....	5	14	6.0	6.0	52.7	44.6	85				1	3	10			.680	35.85	30.31	
Massachusetts.....	25	87	5.2	5.2	47.3	36.4	77		4	21	54	8				.659	31.18	24.01	
Michigan.....	2	4	5.3	5.3	49.5	34.5	70				1	3				.655	32.42	22.59	
Minnesota.....	3	6	5.7	5.5	48.0	38.5	80				6					.597	28.66	23.01	
Missouri.....	7	32	6.0	5.8	50.6	48.5	96				15	5	12			.506	25.58	24.56	
New Hampshire.....	8	21	5.3	5.1	48.8	42.2	86				14	6	1			.509	24.83	21.50	
New Jersey.....	2	3	5.7	5.7	44.0	33.5	76		3							.855	37.62	28.63	
New York.....	11	39	5.9	5.8	47.9	44.5	93		3		32	4				.557	26.68	24.80	
Ohio.....	6	38	5.8	5.7	50.0	45.0	90					38				.546	27.30	24.58	
Pennsylvania.....	9	20	5.8	5.7	50.7	44.5	88				9	3	8			.497	25.19	22.12	
Wisconsin.....	5	10	5.2	5.2	49.2	40.5	82				4	6				.642	31.59	26.03	
Total.....	88	290	5.6	5.5	48.9	41.8	85		6	4	21	148	76	2	30	3	.586	28.87	24.45
Male—Two-week period:																			
Virginia.....	2	4	12.0	9.8	48.0	75.5	79				4					.592	28.42	44.67	
Other States.....	2	6	11.0	10.8	50.0	87.8	88					6				.466	23.28	40.86	
Total.....	4	10	11.4	10.4	49.2	82.9	84				4	6				.512	25.34	42.38	
<i>Brushers.</i>																			
Male—One-week period:																			
Illinois.....	5	21	6.0	5.5	50.9	45.9	90				13		2	6		.289	14.70	13.30	
Maine.....	5	20	6.0	6.0	53.0	49.3	93				2	2	16			.467	24.75	23.04	
Massachusetts.....	19	67	5.6	5.3	47.4	38.6	81		3	11	53					.454	21.50	17.55	
Michigan.....	2	4	6.0	5.5	50.0	36.9	74					4				.509	25.45	18.78	
Minnesota.....	2	7	6.0	5.9	48.0	43.3	90				7					.346	16.61	14.96	
Missouri.....	7	24	6.0	5.7	49.3	45.8	93				16	4	4			.409	20.18	18.75	
New Hampshire.....	6	40	5.7	5.2	48.5	41.7	86				29	11				.439	21.31	18.30	
New Jersey.....	3	5	5.6	5.6	45.2	42.1	93		4							.338	15.28	14.24	
New York.....	10	41	5.8	5.7	47.9	43.7	91		2		38	1				.435	20.82	19.02	
Ohio.....	6	33	5.9	5.7	50.0	47.0	94					33				.465	23.25	21.87	
Pennsylvania.....	7	17	6.0	5.8	49.8	42.6	86				7	7	1	2		.469	23.37	19.99	
Wisconsin.....	4	8	5.5	5.4	49.0	42.3	86				4	4				.427	20.92	18.05	
Total.....	76	287	5.8	5.5	48.9	43.1	88		6	3	11	169	67	2	21	8	.431	21.12	18.59
Male—Two-week period:																			
Virginia.....	2	8	12.0	11.9	48.0	91.8	96				8					.486	23.33	44.56	
Other States.....	2	3	11.7	11.7	50.0	95.6	96					3				.267	13.45	25.51	
Total.....	4	11	11.9	11.8	48.5	92.8	96				8	3				.424	20.63	39.36	
Female—One-week period:																			
Massachusetts.....	2	3	6.0	6.0	48.0	43.7	91				2	1				.483	23.18	21.09	
Ohio.....	4	11	5.9	5.9	50.0	47.9	96					11				.340	17.00	16.31	
Other States.....	4	10	5.8	5.7	51.8	49.2	95		1		1		4	4		.264	13.75	13.00	
Total.....	10	24	5.9	5.8	50.5	47.9	95		1		3	12	4	4		.324	16.42	15.53	





TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

Occupation, pay-roll period, sex, and State.	Number of establishments.	Number of employ-ees.	Average number of starts (days) made in pay-roll period.		Hours.													Earnings.					
			By estab-lish-ments.	By em-ploy-ees.	Average full-time hours per week.	Average hours actually worked in one pay-roll period.	Per cent of full time worked.	Number of employees whose full-time hours per week were—													Average earnings per hour.	Average full-time earnings per week.	Average earnings actually received in pay-roll period.
								Under 44.	44.	Over 44 and under 45.	45.	Over 45 and under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60 and over.				
<b>FINISHING DEPARTMENT—Continued.</b>																							
<i>Trees—Concluded.</i>																							
<b>Female—One-week period:</b>																							
Illinois.....	3	32	6.0	5.8	49.5	46.9	95																
Massachusetts.....	6	29	5.9	5.8	47.8	44.8	94				2												
Missouri.....	5	33	6.0	5.6	48.0	44.3	92																
New York.....	5	30	5.8	5.6	47.6	35.8	75		3														
Ohio.....	6	63	5.7	5.3	50.0	42.9	86																
Pennsylvania.....	4	14	6.0	5.7	53.0	33.1	62																
Wisconsin.....	2	9	5.1	5.1	48.2	36.7	76																
Other States.....	3	14	6.0	5.6	52.7	46.8	89																
Total.....	34	224	5.9	5.6	49.3	42.4	86		3		2			123	66	5	22	3					
<b>Female—Two-week period:</b>																							
All States.....	1	4	11.0	11.0	50.0	90.9	91																
<b>Repairs (not cobblers).</b>																							
<b>Male—One-week period:</b>																							
Illinois.....	3	7	6.0	4.9	48.0	38.1	79																
Maine.....	3	5	6.0	6.0	52.4	48.2	92																
Massachusetts.....	9	30	5.6	5.2	47.1	40.2	85			4	5												
Minnesota.....	2	5	6.0	5.4	48.0	41.5	86																
Missouri.....	3	7	6.0	6.0	48.0	48.0	100																
New Hampshire.....	5	12	5.3	5.3	48.9	43.2	88																
New Jersey.....	3	6	5.3	5.3	45.0	41.7	93			5													
New York.....	7	16	5.7	5.4	47.8	46.0	96		2														
Pennsylvania.....	6	16	5.8	5.8	50.2	44.9	89																
Wisconsin.....	2	4	5.3	5.3	48.5	41.7	86																
Other States.....	2	5	6.0	5.8	50.0	47.7	95																
Total.....	45	113	5.7	5.4	48.3	43.2	89		7	4	5			72	15	2	8						

Male—Two-week period:																		
Virginia.....	2	8	12.0	11.9	48.0	94.7	99									.393	18.86	37.25
Other States.....	2	5	11.4	11.0	50.0	89.2	89									.515	25.35	45.91
Total.....	4	13	11.8	11.5	48.8	92.6	95									.438	21.36	40.58
Female—One-week period:																		
Illinois.....	4	37	6.0	5.7	49.2	46.2	94									.347	17.06	16.05
Maine.....	3	25	6.0	5.6	52.3	46.9	90									.310	16.22	14.55
Massachusetts.....	24	276	5.4	5.2	46.9	41.1	88		9	93			18	4		.434	20.35	17.82
Missouri.....	7	82	6.0	5.7	48.8	46.0	94							9		.317	15.46	14.58
New Hampshire.....	6	51	5.8	5.4	48.4	43.8	90									.389	18.81	17.02
New Jersey.....	2	3	6.0	6.0	48.8	48.8	100		1					2		.307	15.00	15.00
New York.....	10	67	5.9	5.7	48.1	44.7	93		2							.401	19.30	17.91
Ohio.....	7	47	5.9	5.8	50.0	46.8	94									.312	15.60	14.61
Pennsylvania.....	7	38	5.8	5.3	50.3	42.2	84							14		.301	15.15	12.71
Wisconsin.....	3	8	5.3	5.3	48.8	41.3	85									.320	15.60	13.20
Other States.....	3	22	6.0	5.8	48.8	44.7	92									.298	14.54	13.31
Total.....	76	656	5.7	5.4	48.2	43.4	90		3	9	93		419	83	4	.378	18.25	16.39
Female—Two-week period:																		
Virginia.....	2	5	12.0	10.6	48.0	81.5	85									.353	16.94	28.81
Other States.....	1	7	11.0	9.7	50.0	77.3	77									.252	12.60	19.47
Total.....	3	12	11.4	10.1	49.0	79.0	81									.296	14.41	21.70
<i>Dressers.</i>																		
Male—One-week period:																		
New York.....	4	5	5.8	5.6	46.4	39.5	85		2							.376	17.45	14.86
Ohio.....	2	3	5.3	5.3	50.0	46.7	93									.340	17.00	15.85
Wisconsin.....	2	2	5.0	5.0	49.0	38.0	78									.344	16.86	13.08
Other States.....	6	8	5.6	5.6	49.3	45.3	92		1							.436	21.35	19.76
Total.....	14	18	5.6	5.5	48.6	43.1	89		3							.395	19.04	17.00
Female—One-week period:																		
Illinois.....	5	24	6.0	5.9	50.0	47.7	95									.318	15.90	15.18
Maine.....	4	9	6.0	4.4	49.1	32.9	67									.302	14.83	9.91
Massachusetts.....	17	49	5.3	5.2	47.1	38.6	82			1	13					.368	17.35	14.20
Minnesota.....	3	9	6.0	5.6	48.0	43.6	91									.313	15.02	13.68
Missouri.....	7	49	6.0	5.7	50.2	47.1	94									.305	15.31	14.38
New Hampshire.....	7	19	5.7	5.5	48.6	45.2	93							15		.371	18.04	16.76
New York.....	9	42	6.0	5.8	47.9	46.3	97		1							.386	18.49	17.87
Ohio.....	7	51	5.9	5.5	50.0	44.7	89									.340	17.00	15.20
Pennsylvania.....	5	17	6.0	5.8	50.5	48.5	96							4		.278	14.05	13.48
Wisconsin.....	4	9	5.4	5.4	49.1	42.9	87									.291	14.29	12.48
Other States.....	1	1	6.0	6.0	48.0	44.3	92									.250	12.00	11.06
Total.....	69	279	5.8	5.5	49.0	44.3	90		1	1	13		153	83	5	.337	16.55	14.96







ALL DEPARTMENTS.

<i>Other employees.</i>																				
<b>Male—One-week period:</b>																				
Illinois.....	5	557	49.9	46.3	93													\$0.447	\$22.29	\$20.70
Maine.....	5	708	53.2	47.3	89													.464	24.09	21.91
Massachusetts.....	26	2,575	48.0	40.5	84													.465	22.34	18.83
Michigan.....	3	103	49.7	45.3	92	4	25	151	291	1,872								.415	20.53	18.81
Minnesota.....	3	129	48.0	36.6	76													.499	23.97	18.24
Missouri.....	1	1,778	48.7	46.1	95													.476	23.19	21.96
New Hampshire.....	9	887	48.7	41.7	85													.449	21.84	18.70
New Jersey.....	4	79	45.6	43.2	95													.482	21.97	20.83
New York.....	12	1,391	47.9	44.9	94													.489	23.36	21.95
Ohio.....	7	1,747	50.0	44.8	90			62	185	2								.469	23.45	21.00
Pennsylvania.....	10	538	51.5	47.6	92													.411	21.19	19.55
Wisconsin.....	5	238	48.6	37.9	78													.429	20.88	16.28
Other States.....	1	13	48.0	43.4	90													.422	20.26	18.31
<b>Total.....</b>	<b>99</b>	<b>9,743</b>	<b>49.0</b>	<b>43.8</b>	<b>89</b>	<b>4</b>	<b>272</b>	<b>153</b>	<b>291</b>	<b>1</b>	<b>6,182</b>	<b>1,611</b>	<b>124</b>	<b>927</b>	<b>97</b>	<b>8</b>	<b>73</b>	<b>.463</b>	<b>22.68</b>	<b>20.25</b>
<b>Male—Two-week period:</b>																				
Virginia.....	3	271	47.9	84.6	88													.423	20.28	35.83
Other States.....	2	119	50.0	78.1	78													.381	19.12	29.79
<b>Total.....</b>	<b>5</b>	<b>390</b>	<b>48.6</b>	<b>82.7</b>	<b>85</b>													<b>.411</b>	<b>19.93</b>	<b>34.00</b>
<b>Female—One-week period:</b>																				
Illinois.....	5	437	50.0	47.0	92													.290	14.52	13.64
Maine.....	5	387	53.1	47.0	89													.397	21.09	18.63
Massachusetts.....	26	1,362	47.3	38.7	82													.368	17.42	14.24
Michigan.....	2	44	50.0	47.4	95													.276	13.78	13.11
Minnesota.....	3	54	48.0	36.4	76													.319	15.31	11.60
Missouri.....	9	992	49.0	45.9	94													.286	14.02	13.12
New Hampshire.....	9	373	48.2	40.8	85													.361	17.41	14.70
New Jersey.....	3	36	45.3	39.6	87													.331	15.01	13.09
New York.....	12	442	47.9	43.8	91													.390	18.69	17.09
Ohio.....	7	366	50.0	43.5	87													.327	16.40	14.24
Pennsylvania.....	10	187	49.6	42.4	85													.299	14.84	12.70
Wisconsin.....	5	160	48.7	39.0	80													.329	15.99	12.83
Other States.....	1	3	48.0	44.3	92													.398	19.10	17.63
<b>Total.....</b>	<b>96</b>	<b>4,843</b>	<b>48.9</b>	<b>42.8</b>	<b>88</b>	<b>78</b>	<b>94</b>	<b>185</b>	<b>1</b>	<b>3,086</b>	<b>745</b>	<b>119</b>	<b>494</b>	<b>41</b>				<b>.337</b>	<b>16.53</b>	<b>14.41</b>
<b>Female—Two-week period:</b>																				
Virginia.....	3	156	47.8	85.7	90													.271	12.96	23.19
Other States.....	2	75	50.0	71.6	72													.301	15.01	21.58
<b>Total.....</b>	<b>5</b>	<b>231</b>	<b>48.5</b>	<b>81.1</b>	<b>84</b>													<b>.279</b>	<b>13.62</b>	<b>22.67</b>

**TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922.**

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>CUTTING DEPARTMENT.</b>																	
<i>Cutters, vamp and whole shoe, hand.</i>																	
<b>Male:</b>																	
Illinois.....	3	133	\$. 838							6	17	27	46	20	13	4	1
Maine.....	4	75	.587						9	15	26	11	5	3	1	1	32
Massachusetts.....	22	541	.915						2	7	17	18	43	190	44	152	36
Michigan.....	3	22	.618						1	7	5	3	4	1	1	1	1
Minnesota.....	3	55	.697			1			1	3	4	4	34	1	5	1	1
Missouri.....	4	279	.930							6	22	35	56	54	90	16	1
New Hampshire.....	7	79	.689						1	4	11	37	14	7	2	1	2
New Jersey.....	5	51	.654						7	8	9	8	9	2	3	5	2
New York.....	11	227	.757				1	4	15	39	38	35	25	31	30	8	8
Ohio.....	5	163	.759					1	3	22	24	41	32	16	19	5	1
Pennsylvania.....	10	177	.580			1	1	17	46	42	26	19	12	7	5	1	1
Virginia.....	2	68	.641					4	7	18	17	10	9	2	1		
Wisconsin.....	5	45	.574					2	8	12	17	6					
<b>Total.....</b>	<b>84</b>	<b>1,915</b>	<b>.787</b>				<b>2</b>	<b>2</b>	<b>48</b>	<b>124</b>	<b>217</b>	<b>242</b>	<b>282</b>	<b>384</b>	<b>188</b>	<b>319</b>	<b>73</b>
<i>Skivers, upper.</i>																	
<b>Male:</b>																	
Maine.....	3	3	.531						1	2							
Massachusetts.....	14	44	.642			1		1	1	25	1	4	4	5		1	
New Hampshire.....	3	4	.402					1	3								
New York.....	3	8	.830									4	1	3			
Virginia.....	2	7	.546			1		1	1	1	3						
Other States.....	6	11	.364			1		7	1	2							
<b>Total.....</b>	<b>31</b>	<b>77</b>	<b>.595</b>				<b>3</b>		<b>11</b>	<b>7</b>	<b>30</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>8</b>		<b>1</b>

Female:																
Illinois.....	5	49	.406			1	1	24	13	8	9	1				
Maine.....	5	20	.432				2	5	8	2	5					
Massachusetts.....	25	142	.506		1	1	10	28	30	39	5	10	13	4	1	
Michigan.....	3	9	.351				3	4	1	1						
Minnesota.....	3	9	.409				1	2	3	2	1					
Missouri.....	6	57	.391			2	9	20	16	8						
New Hampshire.....	7	39	.383			4	5	11	12	4	2					
New Jersey.....	5	11	.360			1	3	2	4	4	3					
New York.....	11	80	.490			3	3	22	16	23	1	3	3	2		
Ohio.....	8	48	.348		2	1	5	22	7	7						
Pennsylvania.....	10	36	.351		1	7	12	5	4	4	1					
Wisconsin.....	5	21	.393			2	2	5	4	2	1	2				
Other States.....	1	18	.369		1	1	4	3	5	2	1					
Total.....	94	539	.430		1	5	28	57	160	123	100	27	15	16	6	1

**FITTING OR STITCHING DEPARTMENT.**

<i>Cementers and doublers, hand and machine.</i>																
Male:																
New York.....	2	12	\$0.762							1	2		2	3	1	1
Other States.....	6	17	.371			2	2	6	4	3						
Total.....	8	29	.528			2	2	6	5	5	2	2	3	1	1	
Female:																
Illinois.....	5	27	.356		3	1	3	7	7	1		1				
Maine.....	4	26	.280	2	1	2	5	8	2	2						
Massachusetts.....	23	251	.369		4	16	21	35	71	51	37	13	2		1	
Michigan.....	3	5	.312				1	2	1	1						
Minnesota.....	3	26	.450			1	5	7	4	2	3	4				
Missouri.....	7	97	.329			3	30	23	16	10	11	4				
New Hampshire.....	7	67	.289	2		5	14	20	17	6	2		1			
New Jersey.....	3	27	.424				1	1	8	11	4		1			
New York.....	12	139	.391		1	3	13	31	31	25	18	11	6			
Ohio.....	8	123	.296		1	5	28	46	26	14	2	1				
Pennsylvania.....	9	98	.261		2	7	47	19	10	7	4		1		1	
Virginia.....	3	22	.253		2	6	4	3	7							
Wisconsin.....	2	5	.310				1	1	3							
Total.....	89	913	.337	4	14	49	168	193	212	138	83	34	16		2	

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>FITTING OR STITCHING DEPARTMENT—Concluded.</b>																	
<i>Lining makers.</i>																	
Female:																	
Illinois.....	5	74	\$0.356		2	2	8	8	26	21	6	1					
Maine.....	5	70	.338				13	15	22	15	2	2		1			
Massachusetts.....	25	291	.395		6	13	44	118	56	23	17	7	3	3	1		
Michigan.....	2	11	.294				3	8	3								
Minnesota.....	3	12	.422				3	2	5	1	1						
Missouri.....	7	94	.315		2	35	25	13	6	9	2	2					
New Hampshire.....	8	99	.297	4	12	15	17	34	15	2							
New Jersey.....	5	20	.326		1	1	9	5	2		2						
New York.....	11	137	.440	1	2	10	6	37	48	15	7	7	3		1		
Ohio.....	8	116	.359		5	14	16	45	25	7	4						
Pennsylvania.....	10	77	.305		3	23	21	15	7	6	2						
Virginia.....	3	25	.354		1	6	7	3	4	4							
Wisconsin.....	5	29	.370			1	4	14	5	5							
Total.....	97	1,055	.362		7	34	142	180	337	209	80	33	16	7	3	2	
<i>Top stitchers.</i>																	
Male:																	
Massachusetts.....	8	32	.718				1	2		10	3	3	2	4	2	1	3
New Hampshire.....	2	2	.369			1					1						
New York.....	4	12	.689					1	1	3	2		3	1	1		
Pennsylvania.....	3	12	.651						4	2	3	1				1	
Other States.....	2	6	.398					2	4								
Total.....	19	64	.657			1	1	2	3	19	9	8	3	7	4	2	4

## Top stichers.

<b>Female:</b>																		
Illinois.....	5	54	.460				3	7	8	13	11	7	4	1				
Maine.....	5	80	.351		1	4	8	19	27	10	8	1	1					
Massachusetts.....	26	297	.532	1	1	4	11	7	52	86	61	34	6	8	8	15	3	
Michigan.....	3	16	.361				1	2	7	4	2							
Minnesota.....	3	14	.439					1	4	5	2	1		1				
Missouri.....	7	154	.417		1		21	24	39	27	14	10	12	4	1		1	
New Hampshire.....	8	108	.365			4	8	12	50	25	8	1						
New Jersey.....	5	20	.361					7	9	1	2	1						
New York.....	12	189	.466			1	13	21	33	52	30	16	10	7	2	4		
Ohio.....	8	128	.376			1	11	14	55	30	13	4					4	
Pennsylvania.....	10	66	.337			2	23	12	8	7	9	5						
Virginia.....	3	32	.427					2	15	6	8	1						
Wisconsin.....	5	37	.377					8	13	13	3							
Total.....	100	1,195	.433	1	3	16	99	136	320	279	171	81	33	22	11	19	1	3
<b>Vampers.</b>																		
<b>Male:</b>																		
Illinois.....	2	9	.574							2	5	1		1				
Maine.....	3	7	.613						1			4	1					
Massachusetts.....	22	200	.674				2	2	18	18	33	51	24	19	14	11	2	6
Missouri.....	4	13	.568						3	2	2	2	1	1	1	1		
New Hampshire.....	5	27	.454					1	6	11	7	1	1					
New Jersey.....	2	9	.635							3		3	2		1			
New York.....	7	66	.625			1	1	4	13	13	11	10	6	4	4	3		
Pennsylvania.....	3	9	.758						1	1	2		4	1				
Other States.....	4	17	.453					2	6	3	4	1	1					
Total.....	52	357	.628				3	6	39	53	65	76	40	31	21	15	2	6
<b>Female:</b>																		
Illinois.....	5	98	.462					6	28	27	23	9	4	1				
Maine.....	5	63	.542					3	7	16	16	15	5	2				
Massachusetts.....	24	224	.560		2		3	12	27	35	54	45	22	12	6	5	1	
Michigan.....	3	26	.335			1	1	6	14	2	2							
Minnesota.....	3	25	.498					1	6	6	7	2		1			1	
Missouri.....	7	126	.465			4	4	17	29	17	28	18	9	1	2	1		
New Hampshire.....	8	96	.413			1	3	10	33	27	18	3		1				
New Jersey.....	5	25	.473					1	3	14		5	1	1				
New York.....	12	143	.545				2	4	30	21	31	25	17	6	3	4		
Ohio.....	8	151	.440				9	11	42	38	34	10	3	2		1	1	
Pennsylvania.....	10	94	.390			1	19	16	19	15	9	9	3	2		1		
Virginia.....	3	34	.449				1	6	9	6	5	4	3					
Wisconsin.....	5	37	.477					2	9	12	6	3	5					
Total.....	98	1,142	.480		2	3	42	94	256	236	233	148	72	29	11	13	1	2

**TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.**

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>LASTING DEPARTMENT.</b>																	
<i>Assemblers, for pulling-over machine.</i>																	
<b>Male:</b>																	
Illinois.....	3	28	\$0.575						8	7	13						
Maine.....	4	31	.665					1	4	8	6	7	3	2			
Massachusetts.....	16	198	.589	1	5	7	10	17	16	21	70	24	14	5	7	1	
Minnesota.....	2	5	.864								1	1	1				
Missouri.....	6	79	.608				1	11	14	7	17	15	5	6	2	1	
New Hampshire.....	6	30	.414			3	1	8	9	7	2						
New Jersey.....	2	7	.492					2	3		2						
New York.....	9	61	.566				1	7	12	15	17	4	5				
Ohio.....	8	78	.596					3	20	19	19	4	4	2	4	3	
Pennsylvania.....	7	41	.454					26	4	5	3	2		1			
Virginia.....	3	17	.423			1	1	4	8	3							
Wisconsin.....	3	12	.564				1	2	2	2	3			1			1
Other States.....	1	6	.491						4	2							
<b>Total.....</b>	<b>70</b>	<b>593</b>	<b>.567</b>	<b>1</b>	<b>5</b>	<b>11</b>	<b>15</b>	<b>81</b>	<b>104</b>	<b>96</b>	<b>153</b>	<b>57</b>	<b>33</b>	<b>17</b>	<b>14</b>	<b>6</b>	
<b>Female:</b>																	
Illinois.....	2	7	.376					4	3								
Maine.....	2	5	.459					3		1	1						
Massachusetts.....	7	34	.455		1	2		13	8	5	2	1	2				
New Hampshire.....	3	11	.408					6	2	3							
Other States.....	1	1	.446						1								
<b>Total.....</b>	<b>15</b>	<b>58</b>	<b>.434</b>		<b>1</b>	<b>2</b>		<b>26</b>	<b>14</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>2</b>				

<i>Bed-machine operators.</i>																	
<b>Male:</b>																	
Illinois.....	5	83	.650				1	3	8	10	31	15	12	3			
Maine.....	5	74	.766					1	2	6	18	18	14	12	3		
Massachusetts.....	23	390	.669	1		2		16	30	71	127	81	27	18	12	4	
Michigan.....	3	18	.606					1	6	1	5	4		1			
Minnesota.....	3	19	.750					1	1		3	8	2	4			
Missouri.....	6	113	.676						15	29	26	9	11	20	3		
New Hampshire.....	6	97	.531					3	39	34	14	5	2				
New Jersey.....	5	14	.609					2	3	1	5	1	1		1		
New York.....	11	178	.706			1		6	18	29	36	27	24	14	22	1	
Ohio.....	5	74	.824						2	6	18	11	8	5	13	8	
Pennsylvania.....	7	48	.517						11	18	5	5	2	4	3		
Virginia.....	3	30	.635						1	4	6	10	5	4			
Wisconsin.....	4	29	.616					3	4	7	8	5	1			1	
<b>Total.....</b>	<b>86</b>	<b>1,167</b>	<b>.668</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>48</b>	<b>150</b>	<b>205</b>	<b>306</b>	<b>191</b>	<b>110</b>	<b>79</b>	<b>55</b>	<b>14</b>	<b>4</b>	
<i>Turn lasters, hand.</i>																	
<b>Male:</b>																	
Massachusetts.....	4	128	.813			1	1	4	11	8	13	12	19	20	16	13	10
Missouri.....	3	123	.827						5	19	20	46	19	12	2		
New Jersey.....	3	36	.609					2	11	14	2		1	3	2	1	
New York.....	9	69	.631			1	1	1	13	15	15	9	9	3	2		
Ohio.....	3	39	.802						3	6	12	9	5	1	1	2	
Pennsylvania.....	5	121	.731				3	16	24	19	5	7	7	8	19	2	
Wisconsin.....	2	46	.586						7	20	13	5	1				
Other States.....	1	9	.426				1	2	4	2							
<b>Total.....</b>	<b>30</b>	<b>571</b>	<b>.732</b>			<b>2</b>	<b>6</b>	<b>25</b>	<b>63</b>	<b>73</b>	<b>80</b>	<b>73</b>	<b>96</b>	<b>59</b>	<b>52</b>	<b>27</b>	<b>15</b>

## BOTTOMING DEPARTMENT.

<i>Goodyear stitchers.</i>																	
<b>Male:</b>																	
Illinois.....	3	27	\$.966							1	2	1	5	7	7	3	1
Maine.....	5	601					2	2	5	9	1	3					
Massachusetts.....	20	178	.828				3	6	18	26	42	37	22	9	8	7	
Michigan.....	3	9	.748						1	3	2	2		2			
Minnesota.....	2	9	.873						2		3		1	3			
Missouri.....	7	60	.733				1	4	8	9	16	11	6	5			
New Hampshire.....	5	56	.669					4	15	21	6	7	2	1			
New Jersey.....	4	6	.724				2	2			1	2		1			
New York.....	9	71	.698				2	5	20	16	10	6	4	5	1	2	
Ohio.....	4	33	.820				1	1	1	4	6	7	6	7			
Pennsylvania.....	8	39	.628				2	4	13	12	2	3	1	2			
Virginia.....	3	17	.695					1		6	9	1					
Wisconsin.....	4	16	.802						1	3	3	5	3	1			
<b>Total.....</b>	<b>77</b>	<b>543</b>	<b>.755</b>				<b>11</b>	<b>29</b>	<b>85</b>	<b>111</b>	<b>101</b>	<b>89</b>	<b>52</b>	<b>43</b>	<b>12</b>	<b>10</b>	

**TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.**

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—														
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.	140 cents and over.
<b>BOTTOMING DEPARTMENT—Concluded</b>																		
<i>Edge trimmers.</i>																		
<b>Male:</b>																		
Illinois.....	5	40	\$0.757					2	3	9	1	4	7	7	5	2		
Maine.....	5	49	.691				1	2	4	13	6	9	3	7	4			
Massachusetts.....	26	242	.831				1	6	13	15	32	37	50	34	31	7	16	
Michigan.....	3	9	.740								3	4	2					
Minnesota.....	3	11	.788							1	1	4	3	2				
Missouri.....	7	79	.804					1	5	9	7	14	14	19	6	4		
New Hampshire.....	8	59	.701				1	3	2	10	10	14	8	9	1	1		
New Jersey.....	5	11	.636					1	3	2	1	2			2			
New York.....	12	105	.773						2	16	18	33	11	6	16	3		
Ohio.....	8	92	.750					2	1	13	24	16	12	7	13	1	3	
Pennsylvania.....	10	53	.621					2	5	26	4	6	5	2			1	
Virginia.....	3	18	.675						2	2	7	6	1					
Wisconsin.....	5	21	.777							1	6	4	7	2		1		
<b>Total.....</b>	<b>100</b>	<b>789</b>	<b>.764</b>				<b>1</b>	<b>2</b>	<b>19</b>	<b>40</b>	<b>117</b>	<b>120</b>	<b>153</b>	<b>123</b>	<b>95</b>	<b>80</b>	<b>19</b>	<b>20</b>
<b>FINISHING DEPARTMENT.</b>																		
<i>Edge setters.</i>																		
<b>Male:</b>																		
Illinois.....	5	47	\$0.711					1	1	8	4	7	4	5	15	2		
Maine.....	5	41	.754						2	2	5	7	11	8	4	2		
Massachusetts.....	26	217	.837				1	4	8	17	25	32	40	31	45	5	9	
Michigan.....	3	11	.673						1	2	3	1	4					
Minnesota.....	3	15	.727							3	5	3	2	2				
Missouri.....	7	75	.827					1		9	5	4	11	11	7	27		
New Hampshire.....	8	55	.662							13	6	15	8	10	3			
New Jersey.....	4	18	.568					5	4	3	1		4		1			
New York.....	12	102	.744						4	4	20	36	3	6	10	21	2	

Ohio.....	8	96	.761					1	11	29	18	16	7	11	1	2
Pennsylvania.....	10	62	.648				2	4	18	21	8	6	2	1		
Virginia.....	3	20	.675					2	1	9	7	1				
Wisconsin.....	5	26	.731						1	6	9	4				
Total.....	100	779	.757			2	15	56	96	168	115	117	81	110	8	11
<i>Treers.</i>																
<b>Male:</b>																
Illinois.....	5	29	.493				11	9	1	4	2	2				
Maine.....	5	50	.560				8	10	20	2	3	1				
Massachusetts.....	26	377	.649	1	2	7	20	47	81	64	62	39	38	3	7	
Michigan.....	2	15	.497						10	4	1					
Minnesota.....	3	22	.674				1	4	10	4	3					
Missouri.....	6	97	.566		2	1	3	16	34	37	3	1				
New Hampshire.....	8	106	.461			5	27	42	21	6	3	2				
New Jersey.....	5	26	.422			1	16	3		3	2	1				
New York.....	10	116	.591			2	11	18	26	33	17	7	2			
Ohio.....	3	24	.521			3	2	4	10	3	1	1				
Pennsylvania.....	9	49	.492	1		1	9	13	16	6	2	1				
Virginia.....	3	34	.586		4	1	3	5	6	2	6	7				
Wisconsin.....	5	25	.617					5	7	8	4			1		
Total.....	90	970	.577		2	8	22	111	186	236	173	108	62	42	13	7
<b>Female:</b>																
Illinois.....	3	32	.380			1	3	8	7	3						
Massachusetts.....	6	29	.365			1	5	13	9	1						
Missouri.....	5	33	.411				4	10	8	4	3	1				
New York.....	5	30	.426			3	4	8	13	3	3	1				
Ohio.....	6	63	.417			1	1	21	35	3	2					
Pennsylvania.....	4	14	.311	1	2	6	3	2								
Wisconsin.....	2	9	.481						6	3						
Other States.....	4	18	.337			2	5	5	4	2						
Total.....	35	228	.396		1	10	28	78	84	19	6	2				
<i>Repairers (not cobblers).</i>																
<b>Male:</b>																
Illinois.....	3	7	.577				1		1	3	1	1				
Maine.....	3	5	.333				1	3	1							
Massachusetts.....	9	30	.438	1	1		8	11	8	1						
Minnesota.....	2	5	.558				1		3	1						
Missouri.....	3	7	.539				1	1	4	1	1					
New Hampshire.....	5	12	.449				2	8	2							
New Jersey.....	4	9	.435			1	3	2	3							
New York.....	7	16	.508		1		2	3	6	3			1			
Ohio.....	2	6	.574					1	3	1		1				
Pennsylvania.....	6	16	.393		1	2	5	3	5							
Virginia.....	2	8	.393		1	2	2		3							
Wisconsin.....	2	4	.559					1		3						
Other States.....	1	1	.310				1									
Total.....	49	126	.462		1	4	7	29	31	40	10	2	1	1		

**TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Concluded.**

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—													
				Under 12 cents.	12 and under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 and under 100 cents.	100 and under 120 cents.	120 and under 140 cents.
<b>FINISHING DEPARTMENT—Concluded.</b>																	
<i>Repairers (not cobblers)—Concl'd.</i>																	
<b>Female:</b>																	
Illinois.....	4	37	\$. 347				3	10	14	9	1						
Maine.....	3	25	.310				2	8	15								
Massachusetts.....	24	276	.434		1		2	11	57	168	32	1			1	2	1
Missouri.....	7	82	.317				13	19	32	16		1					
New Hampshire.....	6	51	.389			1	2	1	28	12	6		1				
New Jersey.....	3	10	.269				5	4		1							
New York.....	10	67	.401				7	11	10	25	11	2	1				
Ohio.....	7	47	.312		4		6	11	20	3	2	1					
Pennsylvania.....	7	38	.301				4	18	13	3							
Virginia.....	3	7	.365						6	1							
Wisconsin.....	3	8	.320					3	5								
Other States.....	2	20	.288					11	9								
<b>Total.....</b>	<b>79</b>	<b>668</b>	<b>.377</b>			<b>7</b>	<b>44</b>	<b>107</b>	<b>209</b>	<b>238</b>	<b>52</b>	<b>5</b>	<b>2</b>		<b>1</b>	<b>2</b>	<b>1</b>

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922.

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees who during one weekly pay-roll period worked—																					
	Number of establishments.	Number of employees.	Average full-time hours per week.	Number of employees.	Average hours per week.	Under 12 hrs.	12 and under 16 hrs.	16 hrs.	Over 16 and under 20 hrs.	20 and under 24 hrs.	24 hrs.	Over 24 and under 28 hrs.	28 and under 32 hrs.	32 hrs.	Over 32 and under 36 hrs.	36 and under 40 hrs.	40 hrs.	Over 40 and under 44 hrs.	44 and under 48 hrs.	48 hrs.	Over 48 and under 51 hrs.	51 and under 54 hrs.	54 hrs.	Over 54 and under 57 hrs.	57 hrs. and over.		
<b>CUTTING DEPARTMENT.</b>																											
<i>Cutters, vamp and whole shoe, hand.</i>																											
Male:																											
Illinois.....	3	133	48.0	127	45.8										1	24		10	3	89							
Maine.....	4	75	52.8	57	48.5										3	2	2	15	8	11		9	5			2	
Massachusetts.....	22	541	46.7	474	36.1	3	14	3	10	30	5	25	46	2	72	65	3	79	10	10	6						
Michigan.....	3	22	49.7	22	46.8													14	2	2							
Minnesota.....	3	55	48.0	22	32.8	1	1		6			3	2		5	2		3	7	2							
Missouri.....	4	279	48.0	186	47.4										6	2		11	42	131	2						
New Hampshire.....	7	79	48.6	57	39.5		1			1		6	3		6	10		19	2	2	1	6					
New Jersey.....	4	29	46.0	27	38.9				1	3			1	1	5		1	17	13	44	23	3				1	
New York.....	11	227	47.5	171	44.4					1		3	1		17	5	17	58	44	23							
Ohio.....	4	149	50.0	90	38.9				3	6		3	2		3	31	12	7	11	2	10						
Pennsylvania.....	10	177	51.4	145	46.9	2	1			1		1	1		3	23	2	11	19	6	6	61	2				
Wisconsin.....	5	45	49.1	40	42.5										6	17				17							
Other States.....	1	4	48.0	4	44.3														4								
Total.....	81	1,815	48.3	1,432	41.6	6	17	3	20	42	5	41	55	3	118	182	21	159	285	296	84	24	66	2	3		
<i>Skivers, upper.</i>																											
Male:																											
Maine.....	3	3	50.7	3	37.5				1										1	1							
Massachusetts.....	14	44	47.2	35	36.0					4		2	1		16			5	7								
New Hampshire.....	3	4	49.0	3	44.0											1		1				1					
New York.....	3	8	46.5	7	44.6														6								
Other States.....	7	12	48.5	10	40.8					2		1						1	1		4		1				
Total.....	30	71	47.6	58	38.3				1	6		3	1		17	1		7	15	1	4	1	1				

**TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.**

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees who during one weekly pay-roll period worked—																		
	Number of establishments.	Number of employees.	Average full-time hours per week.	Number of employees.	Average hours per week.	Under 12 hrs.	12 and under 16 hrs.	16 hrs.	Over 16 and under 20 hrs.	20 and under 24 hrs.	24 hrs.	Over 24 and under 28 hrs.	28 and under 32 hrs.	32 hrs.	Over 32 and under 36 hrs.	36 and under 40 hrs.	40 hrs.	Over 40 and under 44 hrs.	44 and under 48 hrs.	48 hrs.	Over 48 and under 51 hrs.	51 and under 54 hrs.	54 hrs.	Over 54 and under 57 hrs.

**CUTTING DEPARTMENT—Concluded.**

<i>Skivers, upper—Concl'd.</i>																												
<b>Female:</b>																												
Illinois.....	5	49	49.1	43	47.6												1	10	3	18	2	8			1			
Maine.....	5	20	51.8	15	47.0														11	2	2							
Massachusetts.....	25	142	47.2	130	38.1			4	10	2	5	7		18	21	2	20		23	18								
Michigan.....	3	9	49.6	8	48.4														1	2	5							
Minnesota.....	3	9	48.0	9	31.3	1			2		1			2	1					2								
Missouri.....	6	57	50.2	49	47.8						2	3		1					6	14	8		15					
New Hampshire.....	7	39	48.3	29	43.2	2		1						2				4	6	10		4						
New Jersey.....	4	8	46.4	7	40.5				1		1								3		1	1						
New York.....	11	80	47.7	70	47.4							1			2	2	3	24	2	28	8							
Ohio.....	7	37	50.0	32	37.5	2		2			6			2	1	1	1	8	1	8								
Pennsylvania.....	10	36	49.9	30	42.6			1			1	5		2				2	3	3	13							
Wisconsin.....	5	21	49.0	20	37.5						1	1		7	6		1	1			3							
<b>Total.....</b>	<b>91</b>	<b>507</b>	<b>48.6</b>	<b>442</b>	<b>42.5</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>2</b>	<b>17</b>	<b>17</b>	<b>34</b>	<b>32</b>	<b>5</b>	<b>41</b>	<b>89</b>	<b>70</b>	<b>70</b>	<b>23</b>	<b>15</b>	<b>1</b>							

**FITTING OR STITCHING DEPARTMENT.**

<i>Cementers and doublers, hand and machine.</i>																													
<b>Male:</b>																													
New York.....	2	12	46.7	12	43.6						1																		
Other States.....	6	17	49.3	16	45.7								1		3	1			2	1	4	4							
<b>Total.....</b>	<b>8</b>	<b>29</b>	<b>48.2</b>	<b>28</b>	<b>44.8</b>						<b>1</b>		<b>1</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>5</b>	<b>4</b>								

**Female:**

Illinois.....	5	27	50.1	26	43.9					2		2	1			2		3	1	4	3	7		1	
Maine.....	4	26	52.7	21	49.0							1				1		2	1	1	5	7		3	
Massachusetts.....	23	251	47.4	203	36.5		2		12	5	1	9	15		77	6	2	17	38	18					
Michigan.....	3	5	49.6	5	49.2														1		4				
Minnesota.....	3	26	48.0	15	39.1				1			1				5		6		2					
Missouri.....	7	97	49.3	79	48.1									1	4		4	7	40	9	4	10			
New Hampshire.....	7	67	48.2	54	43.2		1			1	2			2	3	4	7	12	20	1	1				
New Jersey.....	3	3	44.5	25	41.7							1	1	6	1	3	12								
New York.....	12	139	47.8	108	45.5						3	1		5	4	1	14	27	23		16	14			
Ohio.....	7	114	50.0	93	41.5					2	1	1		13	31		6	6	1		33				
Pennsylvania.....	9	98	49.4	79	45.4						1	1	3		3	8		9	6	7	40			1	
Wisconsin.....	2	5	48.8	3	46.2									3							2				
Other States.....	1	1	48.0	1	44.3														1						
<b>Total.....</b>	<b>86</b>	<b>883</b>	<b>48.5</b>	<b>712</b>	<b>42.3</b>		<b>3</b>		<b>13</b>	<b>9</b>	<b>3</b>	<b>18</b>	<b>21</b>	<b>1</b>	<b>103</b>	<b>71</b>	<b>8</b>	<b>71</b>	<b>112</b>	<b>116</b>	<b>113</b>	<b>35</b>	<b>14</b>	<b>1</b>	

*Lining makers.*

**Female:**

Illinois.....	5	74	49.4	54	49.3														3	13	17	1	17		1	2
Maine.....	5	70	53.1	57	50.4					2						1		2	7		6	27	4	8		
Massachusetts.....	25	291	47.4	225	37.0		1	12		3	8	2	4	13		67	12	2	26	30	45					
Michigan.....	2	11	50.0	7	48.6															1	5					
Minnesota.....	3	12	48.0	10	30.4					1		2	3	1	1	2										
Missouri.....	7	94	49.1	57	47.8											2		9	6	20	12	1	7			
New Hampshire.....	8	99	48.7	63	41.7		4	2	3	3		1	1		2	2	1	4	9	18	2	13				
New Jersey.....	4	11	47.0	9	40.0							1				2	2	2	1			1				
New York.....	11	137	47.7	107	45.4							1	2		5	11		14	26	8	34	4		2		
Ohio.....	7	105	50.0	88	44.5		1		9						2	2	1	1	19	1	52					
Pennsylvania.....	10	77	49.7	66	44.5		3					1	1		2	4		12	7	8	23		5			
Wisconsin.....	5	29	48.7	16	42.6										1	9					6					
Other States.....	1	1	48.0	1	44.3															1						
<b>Total.....</b>	<b>93</b>	<b>1,011</b>	<b>48.8</b>	<b>760</b>	<b>43.0</b>		<b>1</b>	<b>20</b>	<b>2</b>	<b>15</b>	<b>14</b>	<b>2</b>	<b>10</b>	<b>20</b>	<b>1</b>	<b>78</b>	<b>47</b>	<b>6</b>	<b>73</b>	<b>120</b>	<b>118</b>	<b>141</b>	<b>63</b>	<b>16</b>	<b>11</b>	<b>2</b>

*Top stitchers.*

**Male:**

Massachusetts.....	8	32	47.8	24	44.1										5	1		1	5	11	1					
New Hampshire.....	2	2	49.0	2	50.3															1		1				
New York.....	4	12	46.0	11	46.9														1	7		3		2		
Pennsylvania.....	3	12	48.0	12	43.6									1	1	1	1	2		2	2	2		2		
Other States.....	2	6	53.0	5	48.6										1					2						
<b>Total.....</b>	<b>19</b>	<b>64</b>	<b>48.1</b>	<b>54</b>	<b>45.0</b>									<b>1</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>14</b>	<b>14</b>	<b>6</b>	<b>5</b>				

**TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.**

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees who during one weekly pay-roll period worked—																		
	Number of establishments.	Number of employees.	Average full-time hours per week.	Number of employees.	Average hours per week.	Under 12 hrs.	12 and under 16 hrs.	16 hrs.	Over 16 and under 20 hrs.	20 and under 24 hrs.	24 hrs.	Over 24 and under 28 hrs.	28 and under 32 hrs.	32 hrs.	Over 32 and under 36 hrs.	36 and under 40 hrs.	40 hrs.	Over 40 and under 44 hrs.	44 and under 48 hrs.	48 hrs.	Over 48 and under 51 hrs.	51 and under 54 hrs.	54 hrs.	Over 54 and under 57 hrs.

**FITTING OR STITCHING DEPARTMENT—Concluded.**

<i>Top stitchers—Concl'd.</i>																													
<b>Female:</b>																													
Illinois.....	5	54	50.0	37	50.9													1	2	3	12	18					1		
Maine.....	5	80	53.5	66	48.0									2	4			8	10		17	22		3					
Massachusetts.....	26	297	47.2	242	40.6			1	8			5	19		53	10		25	67	54									
Michigan.....	3	16	49.4	15	48.4													1	4	2	8								
Minnesota.....	3	14	48.0	10	32.9							1	4		4				1	1									
Missouri.....	7	154	49.4	105	46.9										5			27	20	20	19	9		5					
New Hampshire.....	8	108	48.4	90	43.9					1		3	10		6	3		3	3	4	5	45	2	10	1				
New Jersey.....	4	10	46.1	8	41.0										3	1		2	1	2				1					
New York.....	12	189	47.9	154	46.1						2	1	1		5	10	2	10	47	17	39	17				3			
Ohio.....	7	120	50.0	106	43.9	7	2								9			10	13		65								
Pennsylvania.....	10	66	50.1	55	45.8					1			2		3	4		6	7	4	24	1	3						
Wisconsin.....	5	37	48.9	23	45.9										1	6		1	1		14								
Other States.....	1	1	48.0	1	44.3															1									
<b>Total.....</b>	<b>96</b>	<b>1,146</b>	<b>48.8</b>	<b>912</b>	<b>44.4</b>	<b>7</b>	<b>2</b>		<b>1</b>	<b>10</b>	<b>2</b>	<b>10</b>	<b>36</b>		<b>83</b>	<b>45</b>	<b>3</b>	<b>95</b>	<b>179</b>	<b>145</b>	<b>200</b>	<b>78</b>	<b>12</b>	<b>3</b>			<b>1</b>		
<b>Vampers.</b>																													
<b>Male:</b>																													
Illinois.....	2	9	48.0	7	47.3														1										
Maine.....	3	7	53.4	6	51.9														1								1		
Massachusetts.....	22	200	47.4	176	38.2				1	5	1	7	16	1	57	6	3	29	22	24	4								
Missouri.....	4	13	50.8	11	46.4										2	2		1								6			
New Hampshire.....	5	27	48.7	23	41.9						2							1	7		1	7							
New York.....	7	66	47.3	60	46.0										1	4		10	25	2	9	5				2			
Pennsylvania.....	3	9	48.0	8	45.4																2	2							
Other States.....	4	16	47.1	12	37.9		1						1								2								
<b>Total.....</b>	<b>50</b>	<b>347</b>	<b>47.8</b>	<b>303</b>	<b>41.0</b>		<b>1</b>		<b>1</b>	<b>7</b>	<b>1</b>	<b>11</b>	<b>19</b>	<b>1</b>	<b>60</b>	<b>18</b>	<b>5</b>	<b>47</b>	<b>55</b>	<b>33</b>	<b>18</b>	<b>16</b>	<b>6</b>	<b>3</b>			<b>1</b>		



**TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.**

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees who during one weekly pay-roll period worked—																					
	Number of establishments.	Number of employees.	Average full-time hours per week.	Number of employees.	Average hours per week.	Under 12 hrs.	12 and under 16 hrs.	16 hrs.	Over 16 and under 20 hrs.	20 and under 24 hrs.	24 hrs.	Over 24 and under 28 hrs.	28 and under 32 hrs.	32 hrs.	Over 32 and under 36 hrs.	36 and under 40 hrs.	40 hrs.	Over 40 and under 44 hrs.	44 and under 48 hrs.	48 hrs.	Over 48 and under 51 hrs.	51 and under 54 hrs.	54 hrs.	Over 54 and under 57 hrs.	57 hrs. and over.		
<b>LASTING DEPARTMENT—Concluded.</b>																											
<i>Bed-machine operators.</i>																											
<b>Male:</b>																											
Illinois.....	5	83	50.0	71	47.9											2		16	3	23	2	19		5	1		
Maine.....	5	74	52.9	62	49.0										2	7			8			16	25	4			
Massachusetts.....	23	390	47.6	356	37.0		1		17	15			8	13	1	118	37	4	39	84	14	5					
Michigan.....	3	18	49.7	15	48.4														1	4							
Minnesota.....	3	18	48.0	16	34.8																						
Missouri.....	6	113	51.0	86	49.8							1	5						3								
New Hampshire.....	6	97	48.4	80	47.4				1			1	3														
New Jersey.....	4	11	45.2	11	42.6								4														
New York.....	11	178	47.5	124	49.5										5	3			6	15	3	31	53	2	6		
Ohio.....	4	60	50.0	45	47.2					8					1				6			4	5		15	6	
Pennsylvania.....	7	48	52.6	45	50.1				1						1	2			2			6	4	28			
Wisconsin.....	4	29	49.2	25	41.5									1	5	4			3	9		3					
Other States.....	1	2	48.0	2	40.0													2									
Total.....	82	1,122	48.9	938	43.8		2		18	24			10	25	2	137	63	10	72	149	89	102	132	70	26	7	
<i>Turn lasters, hand.</i>																											
<b>Male:</b>																											
Massachusetts.....	4	128	46.2	127	33.0		4		6	13	1	43			2	17	3	12	16	2	6	2					
Missouri.....	3	123	48.0	85	42.0										5	15	2	33	29	1							
New Jersey.....	2	13	49.5	13	43.5								1						2	10							
New York.....	9	69	47.9	62	46.3										2	2	2	12	14	3	23	4					
Ohio.....	3	39	50.0	23	43.3		1			3									9		8	2					
Pennsylvania.....	5	121	50.7	109	45.2											19	2	38	10	1	16	17	1	3	2		
Wisconsin.....	2	46	48.6	45	40.9										6	26					13						



TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Concluded.

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees who during one weekly pay-roll period worked—																					
	Number of establishments.	Number of employees.	Average full-time hours per week.	Number of employees.	Average hours per week.	Under 12 hrs.	12 and under 16 hrs.	16 hrs.	Over 16 and under 20 hrs.	20 and under 24 hrs.	24 hrs.	Over 24 and under 28 hrs.	28 and under 32 hrs.	32 hrs.	Over 32 and under 36 hrs.	36 and under 40 hrs.	40 hrs.	Over 40 and under 44 hrs.	44 and under 48 hrs.	48 hrs.	Over 48 and under 51 hrs.	51 and under 54 hrs.	54 hrs.	Over 54 and under 57 hrs.	57 hrs. and over.		
<b>FINISHING DEPARTMENT.</b>																											
<i>Edge setters.</i>																											
<b>Male:</b>																											
Illinois	5	47	50.1	36	45.7										16		2		4	1	7		5	1			
Maine	5	41	52.9	34	47.6								2	64				4	17	2							
Massachusetts	26	217	47.4	205	37.7	1	1					15	17	2	2	16	4	34	37	12							
Michigan	3	11	49.6	8	43.3								1	1				2	2	1	3						
Minnesota	3	15	48.0	10	36.4							1	2		4		2										
Missouri	7	75	49.6	64	46.5										1		24	15	2	6	14	2					
New Hampshire	8	55	48.5	49	43.1				1		3	4		2		4	2	9	15	3	6						
New Jersey	4	11	46.3	11	37.5				3						4		3				1						
New York	12	102	47.6	83	43.7						4			13	6	2	7	19	3	21	6	1			1		
Ohio	7	89	50.0	80	46.7						4	4		9			2		22	7	36		3		3		
Pennsylvania	10	62	51.6	53	44.2		1		1		1	2			5		4	21	5		3	3					
Wisconsin	5	20	48.8	18	39.9							2		3		6	1	3		3							
Other States	1	1	48.0	1	43.0													1									
<b>Total</b>	<b>96</b>	<b>746</b>	<b>48.9</b>	<b>652</b>	<b>42.5</b>	<b>1</b>	<b>2</b>		<b>5</b>		<b>28</b>	<b>34</b>	<b>5</b>	<b>92</b>	<b>58</b>	<b>11</b>	<b>78</b>	<b>114</b>	<b>41</b>	<b>85</b>	<b>82</b>	<b>6</b>	<b>8</b>		<b>2</b>		
<i>Treeers.</i>																											
<b>Male:</b>																											
Illinois	5	29	50.5	22	49.2													3	3	12	7	3		1		1	
Maine	5	50	52.7	43	49.6									3				3	9	9	3		2				
Massachusetts	26	377	47.4	345	40.9				3	1	44		9		57	6	5	59	112	14	19	8		3		5	
Michigan	2	15	50.0	11	47.5													8	1	8	1						
Minnesota	3	22	48.0	13	44.1											1	1	3	8								
Missouri	6	97	50.2	86	49.7													2	15	29	14		26				
New Hampshire	8	106	48.7	98	43.6				1		1	3		3	24		4	1	28	10	18						
New Jersey	4	18	47.5	17	49.1								2					4	7	2	7					2	
New York	10	116	47.7	104	47.5										1	3	15	29	4	27	25						



**TABLE D.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY EARNINGS ACTUALLY RECEIVED, BY DEPARTMENTS, SEX, AND STATES, 1922.**

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees whose earnings in one week were—																														
	Number of establishments.	Number of employ-ees.	Average full-time earnings per week.	Number of employ-ees.	Average earnings per week.	Under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$22.	\$22 and under \$24.	\$24 and under \$26.	\$26 and under \$28.	\$28 and under \$30.	\$30 and under \$32.	\$32 and under \$34.	\$34 and under \$36.	\$36 and under \$38.	\$38 and under \$40.	\$40 and under \$45.	\$45 and under \$50.	\$50 and under \$55.	\$55 and under \$60.	\$60 and over.					
						2	1	1	8	17	25	30	53	53	61	84	71	152	166	112	100	108	62	143	101	50	20	11								
<b>CUTTING DEPARTMENT.</b>																																				
<i>Cutters, vamp and whole shoe, hand.</i>																																				
<b>Male:</b>																																				
Illinois.....	3	133	\$40.22	127	\$38.07													1	2	3	5	12	13	16	10	14	32	11	5	3						
Maine.....	4	75	30.98	57	27.92										1	10	3	7	4	3	13	6	3	1	3											
Massachusetts.....	22	541	42.73	474	32.50				1	6	8	9	8	9	8	12	18	15	67	57	49	48	66	20	40	22	8	3								
Michigan.....	3	22	30.73	22	28.89										4	2	5	2	2	3	1															
Minnesota.....	3	55	33.46	32	22.57						3	5	4	4	1	1	4			2	1	7														
Missouri.....	4	279	44.64	186	44.17													4	4	8	8	9	9	16	41	46	23	11								
New Hampshire.....	7	79	33.50	57	27.06		1					3	4	4	4	4	6	3	10	6	1	3	2	3	1	1	1									
New Jersey.....	4	29	35.55	27	29.34							2	3	2		1	1	2	1	4	2	2			1	2	4									
New York.....	11	227	35.98	171	33.46						1			4	6	4	10	7	10	17	34	11	13	10	4	16	11	11	2							
Ohio.....	4	149	38.30	90	28.90						1	1			5	10	6	9	8	10	14	8	3	5	3	7										
Pennsylvania.....	10	177	29.81	145	27.00	2			1		2	1	2	5	10	12	15	24	12	21	13	7	4	2	1	3	3	2	1							
Wisconsin.....	5	45	28.16	40	24.41						1	2	2	5	6	2	3			8	1	9			1											
Other States.....	1	4	30.77	4	28.36															2	2															
<b>Total.....</b>	<b>81</b>	<b>1,815</b>	<b>38.55</b>	<b>1,432</b>	<b>32.87</b>	<b>2</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>8</b>	<b>17</b>	<b>25</b>	<b>30</b>	<b>53</b>	<b>53</b>	<b>61</b>	<b>84</b>	<b>71</b>	<b>152</b>	<b>166</b>	<b>112</b>	<b>100</b>	<b>108</b>	<b>62</b>	<b>143</b>	<b>101</b>	<b>50</b>	<b>20</b>	<b>11</b>						
<i>Skivers, upper.</i>																																				
<b>Male:</b>																																				
Maine.....	3	3	26.90	3	19.93				1											1	1															
Massachusetts.....	14	44	30.29	35	23.46					1	1		1	1	7	5	2	2	6	4	1	3	1													
New Hampshire.....	3	4	19.70	3	17.09							1		1		1																				
New York.....	3	8	38.60	7	36.54									2	1	3						1	1	3			1	1								
Other States.....	7	12	19.57	10	16.16						1	2		2	1	3						1														
<b>Total.....</b>	<b>30</b>	<b>71</b>	<b>28.67</b>	<b>58</b>	<b>23.27</b>						<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>10</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>4</b>			<b>1</b>	<b>1</b>								



TABLE D.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY EARNINGS ACTUALLY RECEIVED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

Occupation, sex, and State.	All employees.			Employees making all possible starts.		Number of employees whose earnings in one week were—																													
	Number of establishments.	Number of employees.	Average full-time earnings per week.	Number of employees.	Average earnings per week.	Under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$22.	\$22 and under \$24.	\$24 and under \$26.	\$26 and under \$28.	\$28 and under \$30.	\$30 and under \$32.	\$32 and under \$34.	\$34 and under \$36.	\$36 and under \$38.	\$38 and under \$40.	\$40 and under \$45.	\$45 and under \$50.	\$50 and under \$55.	\$55 and under \$60.	\$60 and over.				
<b>FITTING OR STITCHING DEPARTMENT—Concluded.</b>																																			
<i>Lining makers.</i>																																			
<b>Female:</b>																																			
Illinois.....	5	74	\$17.60	54	\$17.14				2	1	1	8	11	6	10	7	7	4	1	3	3														
Maine.....	25	70	17.95	57	17.02						7	8	10	7	6	6	5	3	3	2															
Massachusetts.....	2	11	14.70	7	14.69		3	5	6	11	9	41	42	31	29	9	10	5	10	6	1	2	4								1				
Michigan.....	2	11	20.26	10	18.82		1	1	2				1	2	1		2																		
Minnesota.....	7	12	15.46	57	15.93					3	1	13	12	8	8			2	2																
Missouri.....	8	99	14.48	63	12.24		5	1	2	6	3	4	5	8	19	7	1	1	1		2	1	1	2	1										
New Hampshire.....	4	11	17.00	9	14.57					1	1	4	2	7	13	11	17	11	9	15	4	2	5		3	2									
New Jersey.....	11	137	21.00	107	20.42				1	1	4	6	5	15	13	11	7	9	3	3	1	4	1	1											
New York.....	7	105	17.95	88	15.88		1	2	2	6	6	5	15	13	11	7	9	3	3	1	4	1	1												
Ohio.....	10	77	15.17	66	13.70		3		2	2	1	17	17	12		4	1	3	2	1															
Pennsylvania.....	5	29	18.02	16	15.79						1	1	4	2	5	1	1				1														
Wisconsin.....	1	1	19.39	1	17.90										1																				
Other States.....																																			
<b>Total.....</b>	<b>93</b>	<b>1,011</b>	<b>17.76</b>	<b>760</b>	<b>15.90</b>	<b>9</b>	<b>5</b>	<b>11</b>	<b>18</b>	<b>30</b>	<b>28</b>	<b>99</b>	<b>119</b>	<b>126</b>	<b>90</b>	<b>57</b>	<b>48</b>	<b>32</b>	<b>37</b>	<b>20</b>	<b>8</b>	<b>10</b>	<b>6</b>	<b>4</b>	<b>2</b>				<b>1</b>						
<i>Top stitchers.</i>																																			
<b>Male:</b>																																			
Massachusetts.....	8	32	34.31	24	32.01						1	1		2	1		3	2		1		4		1	1			2	1	1				3	
New Hampshire.....	2	2	18.08	2	18.50						1									1															
New York.....	4	12	32.15	11	33.54											1		1	1		2	1							1	3	1				
Pennsylvania.....	3	12	31.25	12	28.41										2	1	1	1	2	3											1	1			
Other States.....	2	6	21.16	5	18.28									2	1		1	1													1	1			
<b>Total.....</b>	<b>19</b>	<b>64</b>	<b>31.59</b>	<b>54</b>	<b>29.75</b>						<b>2</b>	<b>1</b>		<b>4</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>5</b>		<b>1</b>	<b>2</b>		<b>1</b>	<b>5</b>	<b>3</b>	<b>2</b>			<b>3</b>		











