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WAGES AND HOURS OF LABOR SERIES

**WAGES AND HOURS OF LABOR
IN THE BOOT AND SHOE
INDUSTRY: 1907 TO 1924**



MAY, 1925

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WAGES AND HOURS OF LABOR IN THE BOOT AND SHOE INDUSTRY, 1907 TO 1924

INTRODUCTION AND SUMMARY

Average earnings per hour, average full-time hours per week, average hours actually worked and average earnings actually received in one week, and average full-time earnings per week are presented in this bulletin, by occupation and State, for 27,144 males and 18,316 females in the boot and shoe industry in the United States in 1924. Summaries for specified years, 1907 to 1924, and index numbers for specified years, 1910 to 1924, are also given. Data were not collected for the years for which figures are not shown.¹

The wage peak of the industry was reached in 1920, at which time the general level of hourly earnings was two and one-third times that of 1913 and two and one-half times that of 1910. Between 1920 and 1922 average hourly earnings decreased about 10 per cent, and between 1922 and 1924 increased about 3 per cent.

Regular or customary working hours per week decreased 11 per cent between 1913 and 1924. Because of this 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 6 per cent between 1920 and 1924. The changes in earnings and hours are shown by index numbers for the industry as a whole on page 21.

The data for each of the years covered in this bulletin were taken by agents of the bureau directly from the 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 106 establishments were covered in 1924. The 1924 data were taken from the January records of 70 factories, from the February records of 23 factories, from the March records of 6 factories, and from the April records of 7 factories. The mass of the data, therefore, is as of January and February.

¹ 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; Bulletin No. 278 (April, 1921), covering 1920; and Bulletin No. 324 (March, 1923), covering 1922.

The 1924 tabulation shows 38 occupations including males only, 11 occupations including females only, and 29 occupations including both males and females. A very small number of females was found in 10 of the 38 occupations for which data are shown for males only, and a small number of males was found in 10 of the 11 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 in the earnings of the sexes is \$17.79, in the occupation of cutters, vamp and whole shoe, machine, in the cutting department, and the least, \$0.97, for lacers in the fitting department.

In 1924 the average full-time weekly earnings of male employees in specified occupations ranged from \$15.26 for sock liners in the finishing department to \$45.24 for Goodyear welters in the bottoming department. The occupational averages for females ranged from \$12.85 for channel openers and channel closers in bottoming department to \$25.64 for vampers in the fitting department.

A summary of earnings and hours of labor from 1907 to 1924, by occupation, is presented in Table 1.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924

CUTTING DEPARTMENT

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	
Cutters, vamp and whole shoe, hand:																
Male.....	1907	20	919	54.9	\$0.325	(1)										
	1908	20	907	54.8	.332	(1)				1	17	37	27	17		
	1909	20	907	54.7	.340	(1)				1	19	36	31	12		
	1910	48	1,650	56.3	.319	\$17.86				2	18	38	32	11		
	1911	64	2,066	56.2	.313	17.50				1	11	25	24	19	21	
	1912	71	1,995	55.0	.322	17.58				8	29	28	19	17		
	1913	71	1,987	54.5	.351	19.05				12	8	37	15	17	11	
	1914	75	1,812	54.0	.366	19.66				12	11	40	18	16	3	
	1916	113	2,355	53.9	.375	20.12				20	18	22	26	11	3	
	1918	114	2,319	52.0	.484	25.06				18	16	27	26	10	3	
	1920	91	2,050	47.8	.829	40.29			2	52	16	11	13	6		
	1922	84	1,915	48.3	.787	38.11		23	1	56	14	1	1			
	1924	88	2,009	48.4	.898	40.56		16		57	19	1	1			
								8		66	20	(2)	5			
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	17.98				9	3	22	40	24	1	
	1916	67	1,059	54.9	.331	18.07				11	3	28	47	15	2	
	1918	66	1,202	52.2	.444	23.04			10	44	6	18	12			
	1920	56	942	48.9	.806	37.94		8		59	20	1	1			
	1922	48	867	49.2	.647	31.99		1		58	32	(2)	18			
	1924	54	777	49.9	.687	34.28				40	31	3	7			
Female.....	1920	10	73	53.8	.393	21.69				26	14		30	23		
	1922	8	62	52.5	.453	23.51				18	15	39	29			
	1924	4	45	53.2	.310	16.49				2		80	18			
Cutters, trimmings, hand:																
Male.....	1920	87	884	48.0	.452	22.27		20	(2)	52	22	1	3			
	1922	79	747	48.2	.460	22.02		16		57	20	6	1			
	1924	85	736	48.8	.485	23.67		11		57	19	13	1			
Female.....	1920	11	38	50.1	.284	13.98		11		39	8	(2)	42			
	1922	7	42	48.0	.290	14.82				33	12					
	1924	6	29	52.1	.348	18.13		7		21			72			

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

CUTTING DEPARTMENT—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	Over 60
Cutters, trimmings, machine:															
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		
	1924	42	187	50.3	.400	20.12	1		24	54	1	17	2		
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		
	1924	10	47	49.9	.280	13.97	2		21	64	13				
Skivers, upper:															
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	166	54.7	.282	15.41				6		67	7	19	1
	1913	32	134	54.5	.290	16.23				8		65	16	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			
	1924	29	100	48.0	.619	29.71	15	2	57	22		3			
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				(?)	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	(?)		3	49	13	29	5	1	1
	1920	105	611	48.7	.434	21.47	11	1	58	30	(?)	9	1	1	
	1922	94	539	48.6	.430	20.84	10		61	22		6	1		
	1924	89	474	49.0	.472	23.12	4		61	20		7	8	(?)	
Cutters, linings, hand:															
Male.....	1920	58	233	47.8	.665	32.88	18	(?)	64	13	(?)	2	2		
	1922	66	239	48.0	.684	32.82	14		68	14		2	1		
	1924	73	285	48.4	.585	28.31	9	(?)	63	23	(?)	4	(?)		

WAGES AND HOURS OF LABOR—BOOTS AND SHOES

Cutters, linings, machine:														
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
	1924	48	133	49.2	.577	28.39			66	21	2	8	2	

SOLE-LEATHER DEPARTMENT

Cutters, outside:														
Male	1907	10	56	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	14
	1912	42	177	56.2	.281	15.75						1	37	22
	1913	42	196	55.4	.303	16.69						8	42	24
	1914	47	225	55.0	.302	16.64						4	40	43
	1916	64	345	54.7	.307	16.74						3	32	47
	1918	76	416	52.1	.405	21.02			13	31	10	26	17	3
	1920	60	331	48.4	.716	34.79	9		68	16		5	5	2
	1922	52	264	48.5	.705	34.09	7		69	19		5	1	
	1924	53	269	48.4	.731	35.38	4		74	17		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		
	1924	38	298	48.4	.709	34.32	(*)		84	14		1		1
Rounders, outsole or insole:														
Male	1920	78	161	48.8	.576	28.21	12	1	58	14	1	12	1	1
	1922	76	158	48.9	.563	27.48	11		52	23	1	10	3	
	1924	80	153	49.1	.591	29.02	8	1	50	25	7	8	1	
Female	1920	8	12	48.5	.411	19.90			75					
	1922	4	5	48.8	.268	13.04				100				
	1924	3	5	49.1	.443	21.75								
Channelers, outsole or insole:														
Male	1907	10	23	55.1	.283	(1)				17		35	9	39
	1908	10	23	55.1	.296	(1)				17		35	9	39
	1909	10	23	54.7	.306	(1)				17		44	9	30
	1910	44	138	56.3	.296	16.61				3	5	28	16	35
	1911	57	187	56.3	.289	16.21						5	29	24
	1912	72	200	55.9	.298	16.02						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	42	17
	1916	107	255	55.0	.340	18.69				5	11	26	38	15
	1918	122	268	52.5	.430	22.42			3	43	12	16	19	7
	1920	108	240	48.8	.696	34.23	10	2	55	19	1	10	3	(*)
	1922	89	198	49.3	.649	32.02	8		52	24	1	13	2	2
	1924	88	207	49.1	.669	32.85	3		59	25	2	8	2	

¹ No data.

¹ Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

SOLE-LEATHER DEPARTMENT—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
Cutters, top and heel lifts, machine:														
Male.....1920.....	47	232	49.0	\$0.513	\$24.95	12	47	27	11	3				
.....1922.....	43	364	48.5	.537	25.99	3	78	15	3	1				
.....1924.....	33	265	48.3	.512	24.73	2	83	12	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	2				
.....1924.....	14	21	50.1	.506	24.35	5	48	14	33					
Female.....1920.....	8	60	46.8	.415	19.40	35	62		3					
.....1922.....	9	34	48.0	.429	20.46	12	50	32	6					
.....1924.....	7	30	48.6	.477	23.18		90		10					
Heel builders, machine:														
Male.....1920.....	37	90	49.2	.470	23.19	10	43	33	9	4				
.....1922.....	33	119	48.9	.497	24.29	3	69	17	8	3				
.....1924.....	24	70	48.6	.513	25.08	3	74	19	4					
Female.....1920.....	16	90	47.3	.407	19.38	27	61	12						
.....1922.....	17	214	48.3	.411	19.85		93	3	3					
.....1924.....	17	157	48.2	.442	21.30	2	92	3	3					

FITTING OR STITCHING DEPARTMENT

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				
.....1924.....	15	28	49.6	.407	20.19	4	32	57		7			
Female.....1920.....	91	281	48.0	.393	18.02	17	52	28	1	1	(?)		
.....1922.....	90	426	48.6	.369	17.87	10	60	23	(?)	5	2	(?)	
.....1924.....	92	444	46.6	.380	17.71	5	64	20	4	7	(?)		
Cementers and doublers, hand and machine:													
Male.....1920.....	14	21	47.5	.453	21.78	14	48	24					
.....1922.....	8	29	48.2	.528	25.45	14	59	28					
.....1924.....	12	24	47.8	.585	27.96	20	46	17		8			
Female.....1920.....	107	1,133	48.6	.353	17.29	11	56	25	1	5	2	(?)	
.....1922.....	89	913	48.5	.337	16.36	9	61	23	1	5	1		
.....1924.....	95	1,031	49.1	.328	16.10	6	50	30	4	9	1		

Folders, hand and machine:															
Male	1922	5	20	47.8	.715	33.42	14		67	15		4			
	1924	6	38	47.3	.709	33.54	45		37			18			
Female	1920	74	769	48.4	.419	20.43	9	1	55	22	(?)	11	2		
	1922	71	826	48.4	.413	19.86	10		56	21		10	1		
	1924	93	840	48.7	.420	20.45	8		61	20		7	(?)		
Perforators:															
Male	1920	16	22	48.5	.510	24.44	5		77	14			5		
	1922	28	60	49.0	.482	23.08	12		52	18		18			
	1924	16	43	48.4	.477	24.78	7		67	21		5			
Female	1920	82	218	48.2	.434	21.19	15		61	17	1	6	(?)		
	1922	84	422	48.3	.444	21.43	15		59	20		4	(?)		
	1924	90	295	49.4	.430	21.24	5		49	29		5	12	1	
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	(?)	1	
	1922	92	362	48.6	.424	20.66	9		61	24	1	5	1	1	
	1924	86	284	48.9	.475	23.23	4	(?)	58	28	1	7	(?)		
Closers of seamers:															
Male	1920	10	19	47.6	.628	30.72	11		89						
	1922	8	12	48.2	.487	22.88	8		67	25					
	1924	5	11	48.4	.496	24.00			82	18					
Female	1920	97	441	48.8	.396	19.48	12	1	54	19	1	12	(?)	1	
	1922	92	409	49.1	.370	18.23	10		49	26	3	12	1		
	1924	98	383	49.3	.397	19.57	8	(?)	46	27	3	15			
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			
	1924	15	20	48.4	.407	19.70	10		65	20		5			
Female	1920	69	157	49.1	.304	15.21	11	1	39	36	6	6	1	1	
	1922	49	99	48.5	.302	14.79	14		42	39		4			
	1924	53	88	47.8	.323	15.44	10	1	50	25	1	11	1		
Lining makers:															
Female	1907	19	124	56.2	.175	(?)						19	35	45	
	1908	19	112	56.1	.165	(?)						21	38	41	
	1909	19	122	56.0	.173	(?)						23	38	39	
	1910	53	585	56.5	.164	9.19				(?)	15	13	25	24	23
	1911	72	721	56.5	.166	9.28					11	19	23	26	17
	1912	80	764	55.0	.170	9.31				3	5	51	13	25	4
	1913	80	854	54.6	.190	10.38				3	6	55	23	13	
	1914	84	852	54.1	.189	10.21				6	16	51	21	6	
	1916	126	1,004	53.9	.198	10.69				9	12	56	17	6	
	1918	132	1,138	51.5	.241	12.35			3	56	10	28	3	1	
	1920	112	1,149	48.6	.378	18.40	11	1	58	21	1	7	1	(?)	
	1922	97	1,055	48.8	.362	17.71	7		59	24	2	8			
	1924	100	1,012	49.3	.369	18.19	4	(?)	59	21	3	12	(?)		

* No data.

* Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

FITTING OR STITCHING DEPARTMENT—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	Over 60
Closers-on:															
Female															
1907	18	104	55.3	\$0.200	(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			(?)	9	13	22	23	33		
1911	65	350	56.9	.180	10.18				1	18	31	25	25		
1912	74	344	55.0	.186	10.17				4	5	53	12	22	4	
1913	74	349	54.4	.194	10.53				5	5	59	21	10	4	
1914	77	347	53.9	.193	10.42				8	16	53	20	4		
1916	83	360	53.6	.204	10.95				11	15	63	8			
1918	90	351	52.0	.237	12.28				5	38	13	33	8	1	
1920	47	133	49.4	.358	17.98	(?)	15	2	26	38	1	15	1	2	
1922	35	129	50.2	.394	19.88		5		25	49	4	17			
1924	22	63	49.5	.415	20.55		3		46	33	6	11			
Top stitchers:															
Male															
1920	16	57	48.0	.639	30.74		2		96	2					
1922	19	64	48.1	.657	31.59		14		70	5		8			
1924	21	78	47.9	.675	32.33		13		74	10		3			
Female															
1907	17	151	48.0	.185	(1)							30	50		
1908	17	144	56.3	.190	(1)							22	25	50	
1909	17	156	56.3	.195	(1)							20	30	51	
1910	53	721	56.3	.188	10.69					(?)	9	15	21	27	28
1911	73	911	56.9	.194	10.95						7	20	23	29	20
1912	82	1,033	54.9	.193	10.81				3	8	55	9	22	3	
1913	82	1,070	54.6	.210	11.47				2	9	54	22	13		
1914	86	1,076	54.2	.212	11.48					5	14	53	21	6	
1916	128	1,427	54.0	.220	11.87					6	14	58	18	4	
1918	135	1,364	51.6	.285	14.57				5	49	13	29	3	1	
1920	112	1,187	48.5	.448	21.94		14	1	56	18	1	9	1		(?)
1922	100	1,195	48.8	.433	21.16		9		57	23	1	9			
1924	97	1,184	49.3	.462	22.77		5	(?)	54	24	4	13			
Binders:															
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			
1924	65	361	49.1	.478	23.47		5		53	27	3	10			
Buttonhole makers:															
Female															
1911	83	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	

WAGES AND HOURS OF LABOR—BOOTS AND SHOES

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	16		1					
1922..	47	83	49.6	.369	18.20		11	41	20	8	17	2					
1924..	44	66	49.3	.380	18.73		7	53	21	6	14	1					
Button fasteners:																	
Female.....	1911..	26	55	56.4	.157	8.88				9	16	22					
	1912..	72	205	55.3	.177	9.78			1	7	49	9					
	1913..	72	232	54.8	.199	10.95			4	7	55	9					
	1914..	66	198	53.7	.197	10.57			9	20	53	13					
	1916..	94	195	53.8	.211	11.32			10	24	47	14					
	1918..	64	102	52.7	.230	12.06		3	30	6	53	6					
	1920..	33	44	48.4	.386	18.55	18	2	48	20	2	7					
	1922..	44	76	49.2	.338	16.51	14		46	18	4	14					
	1924..	38	68	49.4	.332	16.40	3		56	22	4	10					
Eyeleters:																	
Male.....	1920..	31	75	48.4	.582	28.08	11	1	71	5	11	8					
	1922..	31	73	48.3	.514	24.64	10		71	11	8	1					
	1924..	33	68	49.2	.578	28.44	4	1	62	13	16	1					
Female.....	1918..	92	223	51.7	.268	13.64			4	47	17	6					
	1920..	82	232	48.7	.442	21.61	13	(?)	50	26	1	8					
	1922..	71	160	49.2	.415	20.26	5		48	37	2	8					
	1924..	69	119	49.1	.444	21.50	6	1	48	35	2	8					
Vampers:																	
Male.....	1907..	13	167	54.9	.318	(1)				4	71	5					
	1908..	13	99	55.2	.287	(1)				18	41	15					
	1909..	13	150	54.6	.287	(1)				39	34	14					
	1910..	33	263	55.5	.293	16.24				18	25	24					
	1911..	51	343	55.5	.315	17.42				6	40	27					
	1912..	66	483	55.0	.306	16.76			3	12	45	14					
	1913..	66	564	54.8	.320	17.47			2	13	41	30					
	1914..	65	534	54.6	.312	17.04			1	17	37	35					
	1916..	82	624	54.6	.333	18.14			3	14	39	34					
	1918..	83	573	51.5	.442	22.73			2	62	16	12					
	1920..	55	400	47.9	.700	33.85	11		82	4	3	3					
	1922..	52	357	47.8	.628	30.09	18		70	9	3	3					
	1924..	49	304	48.2	.707	34.08	7	1	79	9	1	4					
Female.....	1907..	22	351	55.7	.246	(1)			1	15	16	30					
	1908..	22	321	55.9	.242	(1)			1	6	19	37					
	1909..	22	391	55.5	.253	(1)			1	20	17	31					
	1910..	53	863	56.9	.238	13.46			2	5	14	24					
	1911..	71	1,124	56.5	.238	13.46			2	4	17	26					
	1912..	79	1,088	55.1	.230	12.68			1	6	53	11					
	1913..	79	1,072	54.7	.246	13.45			1	7	58	20					
	1914..	85	1,116	54.1	.243	13.14			7	16	51	20					
	1916..	121	1,383	53.9	.254	13.66			8	18	54	14					
	1918..	132	1,477	51.7	.312	16.11			4	11	30	4					
	1920..	111	1,313	48.8	.506	25.09	11	1	51	25	1	9					
	1922..	98	1,142	49.0	.480	23.54	6		56	29	2	7					
	1924..	99	1,053	49.4	.519	25.64			50	30	4	12					

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

FITTING OR STITCHING DEPARTMENT—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	Over 60		
Barrers:																	
Female.....1920.....	69	138	48.5	\$0.388	\$19.21	12	1	62	14	2	8	1					
.....1922.....	64	110	48.7	.388	17.93	11		53	27	1	8						
.....1924.....	62	106	49.1	.393	19.30	4		59	23	4	8	2					
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	(?)	3						
.....1924.....	62	159	49.0	.413	20.24	5		57	28	1	9	1					
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					
.....1924.....	86	1,467	49.1	.451	22.14	3		65	19	4	10	(?)					
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	27	49				
.....1910.....	49	307	56.6	.177	9.95					(?)	10	11	29	27	22	16	
.....1911.....	67	392	56.5	.185	16.42						7	18	28	31			
.....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	(?)	57	25	1	9						
.....1922.....	83	402	48.8	.378	18.47	4		51	28	2	4	1					
.....1924.....	67	267	49.2	.413	20.32	1	(?)	57	30	4	8						
Table workers:																	
Female.....1920.....	47	332	47.3	.327	15.78	27	2	58	14	(?)							
.....1922.....	86	797	48.7	.285	13.85	11		53	25	2	8	1					
.....1924.....	80	700	48.6	.302	14.68	11		58	21	1	10						
Lacers:																	
Male.....1920.....	9	14	48.1	.441	21.48	7		73	22								
.....1922.....	8	12	47.8	.325	14.39	17		67	17								
.....1924.....	7	13	48.0	.430	20.64	8		77	15								
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	4	4						
.....1924.....	67	124	49.3	.399	19.67	6		50	28	2	13	1					

LASTING DEPARTMENT

Last pickers or sorters:															
Male	1920	72	271	48.3	\$0.456	\$22.05	14		64	15		6	(?)		
	1922	81	288	48.8	.426	20.78	10		58	1		11			
	1924	85	262	48.3	.455	21.98	9	(?)	62	20	2	6	1		
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	5	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	38	12	24	12	9	(?)
	1920	88	691	48.6	.638	31.49	10	(?)	60	20	(?)	9	(?)		
	1922	70	593	49.0	.567	27.94	4		61	23	(?)	12	1		
	1924	81	421	49.3	.554	27.31	3		52	30	2	11	2		
Female	1920	23	77	48.5	.500	24.20	23		55	6	4	4	6	1	
	1922	15	58	49.0	.434	21.35	5		74	5	5	2	9		
	1924	8	33	50.0	.399	19.95			52	18	30				
Pullers-over, hand:															
Male	1907	13	345	56.6	.256	(1)						22	21	57	
	1908	13	330	56.6	.249	(1)						22	19	59	
	1909	13	366	56.2	.287	(1)						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	35	29	1
	1914	49	749	54.9	.350	19.21			(?)		8	30	49	11	1
	1916	46	543	54.8	.347	18.99			(?)		12	35	41	11	
	1918	35	344	51.7	.478	24.62			64	12	4	4	11	8	
	1920	28	211	47.0	.803	38.17	46		37	13	2	2			
	1922	16	97	46.7	.813	38.29	59		24	3	11	3			
	1924	14	50	49.3	.704	34.71	24		32	20		8	16		
Pullers-over, machine:															
Male	1910	31	251	57.4	.329	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	5	43	25	19	6
	1914	71	443	55.5	.356	19.66				4	7	24	39	23	4
	1916	116	646	55.0	.377	20.70				5	8	27	43	14	4
	1918	124	612	52.6	.512	26.77			3	41	10	22	14	9	(?)
	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	1	11	1	1	
	1924	92	467	49.3	.737	36.34	4		55	25	3	11	1		
Side lasters, hand:															
Male	1913	20	224	54.2	.303	16.40						43	27	6	
	1914	20	237	54.0	.368	16.59						50	19	27	(?)
	1916	40	358	54.1	.325	17.57				3	34	29	27	5	1
	1918	43	394	51.9	.440	22.74				51	29	10	10	3	

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

LASTING DEPARTMENT—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	Over 60	
Side lasters, hand—Continued.																
Male.....1920.....	42	445	48.2	\$0.708	\$35.35	9	(1)	74	12		4	1				
.....1922.....	31	362	47.3	.614	29.23	22		54	18	2	4					
.....1924.....	40	388	48.1	.690	33.19	11		73	11		2	3				
Side lasters, machine:																
Male.....1913.....	16	155	56.1	.323	18.23						41	22	34	4		
.....1914.....	16	167	54.3	.343	18.54				19		35	32	11	4		
.....1916.....	45	291	54.9	.359	18.53				2	9	33	43	9	4		
.....1918.....	57	292	52.2	.468	24.35			8	45	9	14	14	9	1		
.....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				
.....1924.....	64	402	49.5	.617	30.54	2		52	28	4	13	1				
Bed-machine operators:																
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	19		
.....1911.....	54	793	56.1	.321	17.96					3	33	25	23	15		
.....1912.....	65	1,127	55.6	.300	16.67					9	49	19	22	11		
.....1913.....	65	1,220	55.2	.330	18.21					10	41	29	16	3		
.....1914.....	70	1,173	55.1	.321	17.68					15	30	33	14	3		
.....1916.....	93	1,336	55.0	.349	19.13				2	15	31	37	12	4		
.....1918.....	104	1,303	52.1	.500	25.98			2	51	14	15	10		(1)		
.....1920.....	93	1,252	48.7	.789	38.61	8	(1)	67	14		10	1				
.....1922.....	86	1,167	48.9	.668	32.78	8		60	18	1	12	1				
.....1924.....	92	1,082	49.1	.692	33.98	5		59	21	3	11	1				
Hand method lasting-machine operators:																
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	33		
.....1911.....	39	477	57.0	.316	17.96						20	29	24	28		
.....1912.....	39	478	55.8	.324	18.08				5		39	18	20	18		
.....1913.....	41	449	55.3	.357	19.72				3		45	32	15	6		
.....1914.....	41	456	55.5	.348	19.25				9		14	48	26	3		
.....1916.....	66	556	55.1	.361	19.82				8		3	24	47	17	2	
.....1918.....	59	411	52.9	.479	25.22			9	34	2	24	16	14	(1)		

	1920..	30	213	48.9	.795	39.06	31		15	35	4	13		3
	1922..	27	178	49.3	.735	36.38	15		21	51	2	11		
	1924..	12	97	48.5	.694	33.66	25		10	62		3		
Turn lasters, hand:														
	1912..	28	452	55.6	.275	15.25				24	12	16	28	20
	1913..	28	524	55.0	.310	17.00				27	23	17	28	5
	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	21.34				18	22	10	42	9
	1920..	33	666	47.1	.850	42.49	30	2	49	10			9	
	1922..	30	571	48.5	.732	35.76	15		57	18	2		8	
	1924..	31	496	48.2	.790	38.08	12		67	16	2	5		
Turn lasters, machine:														
	1920..	10	102	48.6	.756	37.35	3		61	36				
	1922..	7	31	48.1	.630	30.50	10		68	23				
	1924..	7	26	48.5	.604	29.29			77	23				
Turn sewers:														
	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
	1924..	30	63	49.3	.819	40.38	10		44	22	2	11	11	
Tack pullers, hand and machine:														
	1920..	70	425	47.5	.459	22.12	17		63	20				
	1922..	62	348	48.6	.423	20.61	18		65	13		4		
	1924..	79	331	48.9	.436	21.32	7		58	22	1	10	1	
	1920..	7	21	49.0	.349	16.84	5		67	14		14		
	1922..	5	23	48.9	.299	14.57			37	43				
	1924..	2	7	50.0	.375	18.75			70				30	

BOTTOMING DEPARTMENT

Goodyear welters:														
	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
	1911..	60	392	56.0	.452	25.21					7	34	24	20
	1912..	70	466	55.8	.445	24.75					9	38	20	21
	1913..	70	472	55.3	.501	27.60					9	40	29	18
	1914..	74	439	55.2	.503	27.68					11	33	38	15
	1916..	89	467	54.9	.520	28.50				1	15	34	33	12
	1918..	93	469	52.3	.620	32.29					49	16	18	7
	1920..	80	415	48.6	.974	47.81	7	(?)	68	16		8	(?)	
	1922..	74	375	48.4	.889	43.30	12	1	63	16	3	5		
	1924..	76	336	48.7	.929	45.24	6		64	22		7		

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

BOTTOMING DEPARTMENT—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	Over 60
Welt beaters and slashers:															
Male.....1920.....	70	156	48.6	\$0.588	\$28.85	14	-----	56	17	3	10	1	-----	-----	-----
1922.....	63	107	48.9	.531	25.98	8	-----	58	21	-----	12	-----	-----	-----	-----
1924.....	61	107	48.8	.533	25.26	8	-----	59	24	-----	9	-----	-----	-----	-----
Bottom fillers, hand and machine:															
Male.....1920.....	69	131	48.7	.568	27.20	9	1	58	22	-----	9	1	-----	-----	-----
1922.....	69	125	48.7	.500	24.45	9	-----	62	19	-----	9	2	-----	-----	-----
1924.....	66	128	49.1	.511	25.09	8	-----	51	28	3	10	-----	-----	-----	-----
Sole cementers, hand and machine:															
Male.....1920.....	70	134	48.8	.425	20.85	9	1	63	16	-----	10	1	1	-----	-----
1922.....	68	143	48.8	.408	20.11	10	-----	55	21	1	12	1	-----	-----	-----
1924.....	59	110	49.0	.432	21.17	6	-----	53	34	3	5	-----	-----	-----	-----
Female.....1920.....	20	30	48.9	.336	16.33	13	-----	40	33	7	3	3	-----	-----	-----
1922.....	8	10	60.3	.343	17.41	-----	-----	30	50	-----	10	10	-----	-----	-----
1924.....	9	14	50.7	.373	18.91	-----	-----	50	7	7	7	29	-----	-----	-----
Sole layers, hand:															
Male.....1920.....	17	43	49.4	.597	28.39	5	-----	42	40	-----	14	-----	-----	-----	-----
1922.....	7	9	47.1	.619	29.15	22	-----	78	-----	-----	-----	-----	-----	-----	-----
1924.....	9	26	51.6	.461	23.79	-----	-----	8	50	-----	19	23	-----	-----	-----
Sole layers, machine:															
Male.....1920.....	77	206	48.4	.718	34.39	16	1	57	14	(?)	10	1	-----	-----	-----
1922.....	79	229	48.6	.645	31.32	13	1	46	33	1	7	-----	-----	-----	-----
1924.....	79	221	48.9	.616	30.12	8	-----	57	23	4	8	-----	-----	-----	-----
Rough rounders:															
Male.....1907.....	15	48	56.0	.387	(1)	-----	-----	-----	-----	-----	27	31	42	-----	-----
1908.....	15	49	56.0	.368	(1)	-----	-----	-----	-----	-----	27	33	41	-----	-----
1909.....	15	54	55.8	.434	(1)	-----	-----	-----	-----	-----	33	30	37	-----	-----
1910.....	44	165	56.7	.406	22.85	-----	-----	-----	1	-----	25	24	27	24	-----
1911.....	60	221	56.3	.436	24.44	-----	-----	-----	-----	1	29	31	19	19	-----
1912.....	69	273	55.9	.435	24.21	-----	-----	-----	-----	8	34	22	21	15	-----
1913.....	69	265	55.2	.497	27.37	-----	-----	-----	-----	10	37	32	18	3	-----
1914.....	73	252	55.1	.503	27.64	-----	-----	-----	-----	13	29	40	13	4	-----
1916.....	91	296	54.9	.491	26.89	-----	-----	-----	1	16	31	35	12	4	-----
1918.....	97	285	52.4	.593	31.99	-----	-----	-----	48	13	16	14	8	(?)	4
1920.....	82	240	48.7	.928	45.68	8	(?)	65	16	-----	10	1	-----	-----	-----
1922.....	75	228	48.7	.818	40.00	8	-----	66	14	-----	10	1	-----	-----	-----
1924.....	76	212	48.7	.846	41.20	7	-----	58	26	-----	8	-----	-----	-----	-----

Channel openers and channel closers:																	
Male	1920	87	280	49.0	.488	23.75	8		57	22		13	(?)				
	1922	73	255	49.2	.443	21.76	8		51	25		1					
	1924	75	243	48.9	.480	23.47	8		56	22		2					
Female	1920	17	44	49.8	.538	17.66	2		55	20						2	
	1922	14	29	50.0	.580	19.64	3		38	34							
	1924	4	10	50.8	.263	12.85				80		10					
Goodyear stitchers:																	
Male	1907	21	215	55.3	.403	(1)						11		43	21	25	
	1908	21	214	55.1	.376	(1)						10		43	28	20	
	1909	21	221	55.3	.394	(1)						12		34	30	24	
	1910	45	366	56.3	.374	20.97				1		6		24	26	24	19
	1911	61	529	55.9	.387	21.56						5		35	25	21	14
	1912	70	627	55.9	.376	20.96						6		37	20	20	17
	1913	70	642	55.2	.399	21.96						9		42	29	19	2
	1914	74	594	55.1	.410	22.57						12		32	39	14	2
	1916	97	656	54.8	.437	23.87						2		15	35	33	12
	1918	105	680	52.4	.527	27.47						49		14	15	13	9
	1920	86	599	48.6	.818	40.07	7	(?)	68	15		14		9	1		
	1922	77	543	48.6	.755	36.67	8		67	15				9			
	1924	79	505	48.8	.773	37.72	6		62	22				10			
McKay sewers:																	
Male	1907	5	34	55.2	.288	(1)						41			32	26	
	1908	5	28	55.3	.311	(1)						36			36	28	
	1909	5	28	55.7	.274	(1)						32			29	29	
	1910	28	95	57.1	.280	16.46				1		11		5	25	32	26
	1911	30	129	56.5	.286	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		4	56	24	5
	1916	61	210	55.2	.349	19.51						7		7	20	42	18
	1918	62	203	52.9	.449	23.56			4	34		8		8	31	15	9
	1920	45	158	49.4	.711	35.53	23		26	23		3		3	22	3	1
	1922	39	138	50.2	.650	33.88	10		22	40		4		22	2		
	1924	34	104	50.3	.644	32.39	1		40	27		12		17	3		
Stitch separators:																	
Male	1920	63	156	49.0	.558	27.16	10		54	19		15			1		
	1922	45	108	48.7	.498	24.45	6		63	21		2		7			
	1924	48	91	49.1	.558	27.40	3		59	25		2		9	1		
Levelers:																	
Male	1911	36	102	55.8	.297	16.49						7		31	23	36	3
	1912	75	268	55.9	.286	15.90						9		30	24	23	14
	1913	75	289	55.2	.304	16.74						12		33	31	22	2
	1920	94	323	48.9	.650	32.09	8		54	27	(?)	8		1	1		
	1922	96	318	49.0	.580	28.43	10		50	26		3		10	2		
	1924	97	315	49.1	.597	29.31	6	(?)	51	30		3		7	3		

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

BOTTOMING DEPARTMENT—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	Over 60		
Heelers, leather:																	
Male																	
1911.....	31	115	55.8	\$0.403	\$22.52					9	29	23	38	2			
1912.....	67	254	56.2	.378	21.17					4	34	19	27	16			
1913.....	72	291	55.3	.424	23.32					7	42	30	19	3			
1914.....	84	324	55.3	.402	22.18				2	12	23	40	19	4			
1916.....	130	440	55.0	.430	23.59				5	13	26	37	15	5			
1918.....	137	419	52.8	.502	26.37			3	37	13	19	19	9	(?)			
1920.....	111	382	48.7	.832	40.73	13	1	55	20	1	9	1	1				
1922.....	98	348	48.9	.759	37.15	10		53	25	1	9	1					
1924.....	98	290	49.3	.768	37.86	5		53	24	4	11	2					
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		(?)						
1922.....	27	245	47.9	.706	33.54	17		62	20		1						
1924.....	38	403	48.1	.690	33.19	11		64	22		1						
Heel trimmers or shavers:																	
Male																	
1907.....	23	99	55.1	.438	(1)					25	24	29	21				
1908.....	23	84	55.2	.439	(1)					18	26	34	21				
1909.....	23	82	55.3	.447	(1)					15	27	34	24				
1910.....	55	189	56.6	.410	23.03				1	9	14	29	26	21			
1911.....	71	246	56.5	.415	23.32					7	19	33	24	17			
1912.....	81	252	56.0	.420	23.39					7	30	24	26	13			
1913.....	81	277	55.4	.448	24.74					11	32	33	21	3			
1914.....	85	277	55.2	.433	23.88				2	13	18	46	17	3			
1916.....	121	367	54.9	.449	24.55				4	15	24	40	12	4			
1918.....	128	350	52.6	.535	27.90			3	40	14	17	18	7	(?)			
1920.....	103	284	48.8	.891	44.26	13	1	52	21	1	10	2					
1922.....	94	246	48.9	.853	38.04	11		51	24	1	11	2					
1924.....	96	213	49.1	.793	38.94	7		52	27	2	11	1					
Heel breasters:																	
Male																	
1911.....	35	76	56.1	.291	16.23					3	26	26	41	4			
1912.....	75	163	55.9	.295	16.36					10	29	23	25	13			
1913.....	75	171	55.4	.313	17.27					10	33	33	20	4			
1914.....	82	173	55.3	.303	16.71				2	12	20	45	19	2			
1916.....	111	232	54.8	.319	17.50				3	14	25	43	10	5			
1918.....	113	218	52.9	.412	21.70			2	37	17	15	20	9	1			

	1920	100	195	48.8	.721	35.38	13	1	52	22	1	9	3				
	1922	90	161	49.2	.587	29.05	10		49	25	1	12	2				
	1924	79	131	48.9	.588	28.75	8		54	27	3	8					
Edge trimmers:																	
Male	1907	23	283	55.3	.404	(1)					16	33	24	27			
	1908	22	302	55.1	.386	(1)					16	37	26	21			
	1909	23	287	55.2	.397	(1)					16	32	29	23			
	1910	55	573	56.4	.382	21.44				1	10	20	24	24		21	
	1911	71	765	56.5	.389	21.73					7	29	26	23		15	
	1912	81	827	55.9	.390	21.15					6	34	21	28		12	
	1913	81	838	55.4	.410	22.66					6	37	34	19		4	
	1914	85	886	55.1	.400	22.01				2	11	25	43	16		2	
	1916	129	1,081	54.9	.423	23.16				5	12	29	40	12		3	
	1918	138	1,015	52.5	.545	26.44			3	43	13	19	15	8		(?)	
	1920	112	828	48.7	.904	44.19	11	1	59	19	(?)	9	1	1			
	1922	100	789	48.9	.764	37.36	9		55	24	1	10	1				
	1924	102	686	49.1	.767	37.66	6		56	26	3	9	1				
Sluggers:																	
Male	1920	79	153	49.2	.601	29.57	8	1	54	20	1	14	1	1			
	1922	68	96	49.2	.547	26.95	9		46	28	4	9					
	1924	26	32	48.2	.563	27.14	19		44	34		9					

FINISHING DEPARTMENT

Buffers:																	
Male	1911	36	174	55.8	\$0.294	\$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					8	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	8		(?)	
	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				
	1924	99	361	49.4	.614	30.33	5		49	30	4	9	3				
Edge setters:																	
Male	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	.390	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	22.79					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				5	13	27	39	13		3	
	1918	138	924	52.7	.525	27.57			3	40	15	17	18	8		(?)	
	1920	112	845	48.7	.873	42.84	11	(?)	58	21	(?)	8	2			(?)	
	1922	99	779	48.9	.757	37.02	9		55	22	1	9	2				
	1924	102	681	49.1	.756	37.12	5		57	25	2	10	1				

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

FINISHING DEPARTMENT—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	Over 60
Heel scourers:															
Male.....	1911.....	35	125	54.8	\$0.291	\$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			
	1920.....	108	451	48.7	.726	35.38	12	1	57	18	1	9	2	(?)	
	1922.....	97	421	48.9	.607	29.79	10		53	23	1	11	1		
	1924.....	98	378	49.2	.621	30.55	5		56	25	2	12	1		
Heel burnishers:															
Male.....	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	(?)	
	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		
	1924.....	91	265	50.0	.584	29.20	4		53	29	3	11	(?)		
Brushers:															
Male.....	1920.....	86	300	48.4	.474	22.96	18	(?)	54	17	1	9	1		
	1922.....	80	298	48.9	.431	21.10	7		59	23	1	7	3		
	1924.....	90	303	49.2	.498	24.50	7		52	25	2	13	2		
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			
	1924.....	12	38	50.4	.445	22.43	8		47			45			
Shoe cleaners:															
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			
	1924.....	38	115	48.8	.416	20.30	13		39	41		7			
Female.....	1920.....	28	175	48.8	.331	16.09	24	1	34	29		15			
	1922.....	33	193	48.1	.325	15.79	22		45	32	2	1			
	1924.....	38	169	48.9	.342	16.72	8		59	21	4	9	1		
Last pullers:															
Male.....	1920.....	97	266	48.9	.524	25.34	13	2	50	22	(?)	9	3	1	
	1922.....	88	233	49.0	.460	22.74	10		48	27	5	8	2		
	1924.....	91	228	49.7	.471	23.41	5		44	29	5	11	6		

Treers:																			
Male	1907	17	381	54.7	.305	(?)						28	40	19	13				
	1908	17	364	54.5	.294	(?)						29	36	28	6				
	1909	17	377	54.6	.293	(?)						28	33	30	9				
	1910	44	832	55.9	.269	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						18	36	29	10			2	
	1918	125	1,387	52.3	.403	20.96						18	11	15	5			(?)	
	1920	98	1,106	48.3	.677	33.03						12	11	53	16				
	1922	90	970	48.6	.577	28.12						12	59	18	1				
	1924	93	948	48.8	.624	30.45						4	61	21	2				
Female	1910	8	74	57.8	.143	8.19							30	1				43	
	1911	11	85	58.1	.145	8.32							37	8				29	
	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				
	1916	15	144	53.1	.188	9.93							41	37	8				
	1918	31	211	53.3	.232	12.25							31	8	36	14		11	
	1920	37	296	49.7	.403	19.95							27	1	14	4		4	
	1922	35	228	49.3	.396	19.51							2	54	31	2			
	1924	31	184	48.8	.431	21.03							2	69	24	3			
Repairers (not cobblers):																			
Male	1920	57	169	48.1	.505	24.37							15	1	66	11		1	
	1922	49	126	48.3	.462	22.30							13	63	16			2	
	1924	48	102	48.9	.511	24.99							7	59	23			10	2
Female	1920	87	711	47.7	.392	18.69							26	(?)	54	13		1	
	1922	79	668	48.2	.377	18.15							16	62	13			1	
	1924	77	624	48.8	.403	19.67							5	67	17			2	
Dressers:																			
Male	1920	11	16	47.6	.391	18.47							25	50	25				
	1922	14	18	48.6	.395	19.04							17	44	28			11	
	1924	18	39	48.8	.418	20.15							13	33	51				
Female	1920	78	253	48.5	.367	17.81							15	37	15			9	
	1922	73	288	49.0	.359	17.35							5	54	31	2		7	1
	1924	62	225	49.4	.366	18.08							2	58	24	3		12	1
Book liners:																			
Male	1920	14	30	48.8	.331	18.70							13	60	7			20	
	1922	11	21	48.5	.378	18.25							14	62	14			5	
	1924	17	37	49.7	.307	15.26							14	11	57			5	
Female	1920	95	321	48.7	.374	18.13							16	54	16			10	1
	1922	90	279	49.0	.355	17.36							11	49	25	(?)		13	1
	1924	84	225	49.0	.390	19.11							7	56	23	3		9	2
Lacers:																			
Male	1920	9	11	48.5	.444	20.70							18	36	36			9	
	1922	4	7	47.9	.281	13.71							14	71	14				
	1924	7	16	48.4	.344	16.65							13	75				13	

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1907 TO 1924—Continued

FINISHING DEPARTMENT—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	Over 60
Lacers—Continued.															
Female.....1920.....	89	304	48.7	\$0.323	\$15.64	12	-----	58	21	(?)	8	1	1	-----	-----
.....1922.....	82	235	48.9	.304	14.81	7	-----	57	25	-----	10	-----	1	-----	-----
.....1924.....	71	201	49.1	.368	18.07	7	1	54	20	4	10	2	-----	-----	-----
Packers:															
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	-----	-----	-----
.....1924.....	17	37	48.9	.458	22.40	8	-----	59	22	-----	11	-----	-----	-----	-----
Female.....1920.....	100	503	48.3	.353	17.10	19	1	54	15	1	9	(?)	1	-----	-----
.....1922.....	90	397	48.2	.351	16.97	21	-----	49	21	2	5	1	-----	-----	-----
.....1924.....	92	332	48.7	.360	17.53	9	(?)	59	23	2	7	1	-----	-----	-----

ALL DEPARTMENTS

Other employees:															
Male.....1914.....	91	20,887	55.0	\$0.224	\$12.29	-----	-----	(?)	3	11	23	43	17	4	(?)
.....1916.....	185	24,010	55.0	.243	13.35	-----	-----	(?)	4	12	29	37	13	3	(?)
.....1918.....	143	23,324	52.7	.327	17.17	-----	-----	* 3	40	14	19	14	8	1	1
.....1920.....	117	10,445	48.7	.518	25.22	11	(?)	60	17	(?)	9	3	-----	-----	-----
.....1922.....	134	10,133	49.0	.461	22.58	7	(?)	63	17	1	9	1	(?)	1	-----
.....1924.....	105	9,262	48.8	.481	23.47	4	(?)	64	20	4	6	1	-----	-----	(?)
Female.....1914.....	89	12,347	54.0	.168	9.05	-----	-----	(?)	5	17	56	16	6	(?)	-----
.....1916.....	134	14,851	53.8	.178	9.62	-----	-----	* 1	8	16	55	16	5	-----	-----
.....1918.....	142	16,007	51.8	.226	11.67	-----	-----	* 3	48	15	30	5	-----	-----	-----
.....1920.....	116	6,964	48.6	.361	17.73	11	(?)	59	18	1	9	1	1	-----	-----
.....1922.....	101	5,074	48.8	.334	16.89	8	(?)	64	16	2	10	1	-----	-----	-----
.....1924.....	103	5,363	49.0	.350	17.15	3	(?)	65	18	2	11	1	-----	-----	-----

* Less than 1 per cent.

* Less than 1 per cent, classified for this year as "45 and under."

* Classified for this year as "48 and under."

For the years, 1907 to 1913, data were collected only for employees in certain of the principal occupations. In and since 1914 data were collected for employees in all occupations and employees not appearing under specified occupations are grouped as "other employees."

In 1914, 1916, and 1918 the number of employees included under the term "other employees" is quite large as data were shown separately for only 37 to 39 occupations in those years. In 1920 and later years, however, figures are presented separately for 79 occupations. Consequently the number of employees included under the group designated as "other employees" is considerably less since the increase in the number of specified occupations. Therefore, the averages for "other employees" in Table 1 are not strictly comparable as between the several years.

To aid in making comparisons from year to year of full-time hours per week, of earnings per hour, and of full-time earnings per week, index numbers have been computed and are presented in Table 2, below, for the years 1910 to 1924 for the industry as a whole and for each occupation for which data are available as far back as 1913.

The index numbers for the industry from 1910 to 1914 were computed from the averages of the combined data for the principal occupations. Since 1914 the combined figures for all occupations have been used in computing the index.

Having computed the index number for 1914 from the principal occupations the index for succeeding years is obtained by increasing or decreasing the index for 1914 in proportion to the increase or decrease in the average for all occupations as between 1914 and the specified succeeding year.

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 during the war 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.

TABLE 2.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1910 TO 1924

[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
THE INDUSTRY				CUTTING DEPARTMENT			
Selected occupations:				Cutters, vamp and whole shoe, hand:			
1910.....	103	92	94	Male.....1910..	103	91	94
1911.....	102	94	96	1911..	103	89	92
1912.....	101	93	93	1912..	101	92	92
1913.....	100	100	100	1913..	100	100	100
All occupations:				1914..	99	104	103
1914.....	99	101	100	1916..	99	107	106
1916.....	99	108	107	1918..	95	138	132
1918.....	95	140	133	1920..	88	236	211
1920.....	88	232	204	1922..	89	224	200
1922.....	88	203	185	1924..	89	230	213
1924.....	89	214	191				

TABLE 2.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1910 TO 1924—Continued

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
CUTTING DEPARTMENT—continued				FITTING OR STITCHING DEPARTMENT—continued			
Cutters, vamp and whole shoe, machine:				Lining makers:			
Male.....	1910.. 105	93	97	Female.....	1910.. 103	86	89
	1911.. 103	97	100		1911.. 103	87	89
	1912.. 101	97	98		1912.. 101	89	90
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 100	101	101		1914.. 99	99	98
	1916.. 99	102	102		1916.. 99	104	103
	1918.. 94	137	130		1918.. 94	177	119
	1920.. 88	250	214		1920.. 89	177	177
	1922.. 89	200	180		1922.. 89	191	171
	1924.. 90	213	193		1924.. 90	194	175
Skivers, upper:				Closers-on:			
Male.....	1910.. 100	96	97	Female.....	1910.. 105	92	96
	1911.. 101	98	98		1911.. 105	93	97
	1912.. 100	94	95		1912.. 101	96	97
	1913.. 100	100	100		1913.. 100	100	100
	1914.. 100	100	99		1914.. 99	99	99
	1916.. 100	104	104		1916.. 99	105	104
	1918.. 93	141	133		1918.. 96	122	117
	1920.. 88	193	176		1920.. 91	185	170
	1922.. 87	199	182		1922.. 92	203	189
	1924.. 88	207	183		1924.. 91	214	195
Female.....	1910.. 104	84	87	Top stitchers:			
	1911.. 104	84	88	Female.....	1910.. 104	90	93
	1912.. 101	92	93		1911.. 104	92	95
	1913.. 100	100	100		1912.. 101	94	94
	1914.. 99	100	99		1913.. 100	100	100
	1916.. 99	100	99		1914.. 99	101	100
	1918.. 95	128	129		1916.. 99	105	103
	1920.. 89	208	189		1918.. 95	136	127
	1922.. 89	206	183		1920.. 89	213	191
	1924.. 90	226	203		1922.. 89	206	184
SOLE-LEATHER DEPARTMENT					1924.. 90	220	199
Cutters, outsole:				Buttonhole makers:			
Male.....	1910.. 102	90	93	Female.....	1911.. 103	91	93
	1911.. 102	92	94		1912.. 101	93	93
	1912.. 101	93	94		1913.. 100	100	100
	1913.. 100	100	100		1914.. 99	102	101
	1914.. 99	100	100		1916.. 98	112	110
	1916.. 99	101	100		1918.. 95	135	128
	1918.. 94	134	126		1920.. 90	202	184
	1920.. 87	236	208		1922.. 91	190	172
	1922.. 88	233	204		1924.. 90	196	177
	1924.. 87	241	212	Button fasteners:			
Channelers, outsole or insole:				Female.....	1911.. 103	79	81
Male.....	1910.. 102	89	90		1912.. 101	89	89
	1911.. 102	87	88		1913.. 100	100	100
	1912.. 101	89	90		1914.. 98	99	97
	1913.. 100	100	100		1916.. 98	106	103
	1914.. 100	99	99		1918.. 96	116	110
	1916.. 99	102	101		1920.. 88	194	169
	1918.. 95	129	122		1922.. 90	170	151
	1920.. 88	209	186		1924.. 90	167	150
	1922.. 89	195	174	Vampers:			
	1924.. 89	201	178	Male.....	1910.. 101	92	93
FITTING OR STITCHING DEPARTMENT					1911.. 101	98	100
Tip stitchers:					1912.. 100	96	96
Female.....	1911.. 102	94	95		1913.. 100	100	100
	1912.. 100	95	95		1914.. 100	98	98
	1913.. 100	100	100		1916.. 100	104	104
	1914.. 99	100	99		1918.. 94	135	130
	1916.. 99	105	104		1920.. 87	219	194
	1918.. 95	132	124		1922.. 87	196	172
	1920.. 89	204	182		1924.. 88	221	195
	1922.. 89	194	173	Female.....	1910.. 104	97	100
	1924.. 89	217	195		1911.. 103	97	100
					1912.. 101	93	94
					1913.. 100	100	100
					1914.. 99	99	98
					1916.. 99	103	102
					1918.. 95	127	120
					1920.. 89	206	187
					1922.. 90	195	175
					1924.. 90	211	191

TABLE 2.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1910 TO 1924—Continued

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
FITTING OR STITCHING DEPARTMENT—contd.				LASTING DEPARTMENT—continued			
Backstay stitchers:				Hand-method lasting machine operators:			
Female.....				Male.....			
1910.....	103	91	94	1910.....	104	86	89
1911.....	103	95	98	1911.....	103	89	91
1912.....	101	96	97	1912.....	101	91	91
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	101	101	1914.....	100	97	98
1916.....	99	109	108	1916.....	100	101	101
1918.....	95	134	127	1918.....	96	134	128
1920.....	89	214	198	1920.....	88	223	198
1922.....	89	194	174	1922.....	89	206	184
1924.....	90	212	191	1924.....	88	194	171
LASTING DEPARTMENT				Turn lasters, hand:			
Assemblers, for pulling-over machine:				Male.....			
Male.....				1912.....	101	89	90
1911.....	100	101	101	1913.....	100	100	100
1912.....	101	88	88	1914.....	99	105	103
1913.....	100	100	100	1916.....	100	118	118
1914.....	100	103	102	1918.....	98	146	143
1916.....	99	107	107	1920.....	86	284	250
1918.....	95	146	139	1922.....	88	236	210
1920.....	88	235	219	1924.....	88	255	224
1922.....	88	208	181	BOTTOMING DEPARTMENT			
1924.....	89	204	182	Goodyear welters:			
Pullers-over, hand:				Male.....			
Male.....				1910.....	102	87	89
1910.....	102	87	89	1911.....	101	90	91
1911.....	102	94	95	1912.....	101	89	90
1912.....	100	95	95	1913.....	100	100	100
1913.....	100	100	100	1914.....	100	100	100
1914.....	100	105	105	1916.....	99	104	103
1916.....	99	105	103	1918.....	95	124	117
1918.....	93	104	134	1920.....	88	194	173
1920.....	85	241	208	1922.....	88	177	157
1922.....	84	244	208	1924.....	88	188	166
1924.....	89	211	189	Rough rounders:			
Pullers-over, machine:				Male.....			
Male.....				1910.....	103	82	83
1910.....	104	91	95	1911.....	102	88	89
1911.....	101	93	94	1912.....	101	88	88
1912.....	101	89	90	1913.....	100	100	100
1913.....	100	100	100	1914.....	100	101	101
1914.....	100	101	101	1916.....	99	99	98
1916.....	99	107	107	1918.....	95	119	117
1918.....	95	146	138	1920.....	88	187	167
1920.....	88	238	212	1922.....	88	165	146
1922.....	88	209	186	1924.....	88	170	151
1924.....	89	210	187	Goodyear stitchers:			
Side lasters, hand:				Male.....			
Male.....				1910.....	102	94	95
1913.....	100	100	100	1911.....	101	97	98
1914.....	100	102	101	1912.....	101	94	95
1916.....	100	107	107	1913.....	100	100	100
1918.....	96	145	139	1914.....	100	103	103
1920.....	89	234	216	1916.....	99	110	109
1922.....	88	203	179	1918.....	95	132	125
1924.....	89	228	202	1920.....	88	205	182
Side lasters, machine:				Male.....			
Male.....				1922.....	88	190	168
1913.....	100	100	100	1924.....	88	194	172
1914.....	97	106	102	McKay sewers:			
1916.....	98	105	102	Male.....			
1918.....	93	145	134	1910.....	103	91	93
1920.....	87	239	207	1911.....	102	93	94
1922.....	88	192	169	1912.....	101	90	90
1924.....	88	191	168	1913.....	100	100	100
Bed-machine operators:				Male.....			
Male.....				1914.....	100	106	106
1910.....	102	94	96	1916.....	99	109	110
1911.....	102	97	99	1918.....	95	141	133
1912.....	101	91	92	1920.....	89	223	201
1913.....	100	100	100	1922.....	90	207	189
1914.....	100	97	97	1924.....	90	202	183
1916.....	100	106	105	Levelers:			
1918.....	94	152	143	Male.....			
1920.....	88	239	212	1911.....	101	98	99
1922.....	89	202	180	1912.....	101	94	95
1924.....	89	210	187	1913.....	100	100	100
				1920.....	89	214	192
				1922.....	89	191	170
				1924.....	89	196	175

TABLE 2.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENT, OCCUPATION, SEX, AND SPECIFIED YEAR, 1910 TO 1924—Continued

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
BOTTOMING DEPARTMENT—continued				FINISHING DEPARTMENT—continued			
Heelers, leather:				Edge setters:			
Male.....				Male.....			
1911.....	101	95	97	1910.....	102	91	92
1912.....	102	89	91	1911.....	102	92	94
1913.....	100	100	100	1912.....	101	92	93
1914.....	100	95	95	1913.....	100	100	100
1916.....	99	101	101	1914.....	100	100	99
1918.....	95	118	113	1916.....	99	101	100
1920.....	88	196	175	1918.....	95	128	121
1922.....	88	179	159	1920.....	88	212	189
1924.....	89	181	162	1922.....	88	184	168
				1924.....	89	184	164
Heel trimmers or shavers:				Heel scourers:			
Male.....				Male.....			
1910.....	102	92	93	1911.....	99	98	93
1911.....	102	93	94	1912.....	101	92	93
1912.....	101	94	95	1913.....	100	100	100
1913.....	100	100	100	1914.....	100	99	99
1914.....	100	97	97	1916.....	99	110	109
1916.....	98	100	99	1918.....	95	139	132
1918.....	95	119	113	1920.....	88	231	204
1920.....	88	199	179	1922.....	88	193	172
1922.....	88	190	184	1924.....	89	198	176
1924.....	89	177	157				
Heel breasters:				Heel burnishers:			
Male.....				Male.....			
1911.....	101	93	94	1911.....	100	97	97
1912.....	101	94	95	1912.....	101	92	93
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	97	97	1914.....	100	102	102
1916.....	99	102	101	1916.....	99	103	102
1918.....	95	132	126	1918.....	95	137	129
1920.....	88	230	205	1920.....	88	222	197
1922.....	89	188	168	1922.....	88	184	164
1924.....	88	188	166	1924.....	90	184	166
Edge trimmers:				Trees:			
Male.....				Male.....			
1910.....	102	93	95	1910.....	101	92	93
1911.....	102	95	96	1911.....	101	95	95
1912.....	101	98	93	1912.....	101	94	95
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	98	97	1914.....	100	99	99
1916.....	99	108	102	1916.....	99	105	105
1918.....	95	133	126	1918.....	95	145	137
1920.....	88	220	195	1920.....	87	244	216
1922.....	88	186	165	1922.....	88	205	181
1924.....	89	187	166	1924.....	88	221	196
FINISHING DEPARTMENT				Female.....			
Buffers:							
Male.....				1910.....	106	91	96
1911.....	101	92	93	1911.....	106	92	97
1912.....	101	91	92	1912.....	100	97	97
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	97	97	1914.....	95	111	106
1916.....	99	103	102	1916.....	97	119	116
1918.....	95	133	127	1918.....	98	147	143
1920.....	88	228	204	1920.....	91	253	232
1922.....	89	198	177	1922.....	90	251	228
1924.....	89	193	178	1924.....	89	273	246

Table 3 shows for each State average full-time hours per week, average earnings per hour, and average full-time earnings per week of all employees in the establishments covered:

TABLE 3.—AVERAGE HOURS AND EARNINGS, BY STATE, 1924

State	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week
Illinois.....	6	2,850	49.8	\$0.520	\$25.90
Maine.....	5	2,469	53.3	.449	23.49
Maryland and Virginia.....	9	2,277	48.7	.465	19.72
Massachusetts.....	24	12,256	47.8	.595	28.44
Michigan.....	3	591	49.7	.457	22.71
Minnesota.....	4	890	48.0	.505	24.24
Missouri.....	7	5,952	49.8	.478	23.70
New Hampshire.....	6	2,415	48.7	.505	24.59
New Jersey.....	4	518	48.4	.546	26.43
New York.....	13	7,061	47.9	.546	26.15
Ohio.....	7	3,637	49.9	.449	22.36
Pennsylvania.....	12	3,262	50.1	.447	22.39
Wisconsin.....	6	1,273	49.0	.530	25.97
Total.....	106	45,460	49.0	.516	25.28

Average and classified earnings per hour are shown in table 4 for employees of 14 of the most important occupations. These occupations are selected from the different departments to illustrate the variation or spread of earnings in the industry. Figures are shown from 1913 down to 1924 so far as data are available.

Data are shown for 1924 for males in 13 and for females in 8 of the 14 representative occupations. The males in these particular occupations represent 27 per cent of the total number of males covered by the study and the females 31 per cent of the total number of females. The males and females when combined represent 29 per cent of all employees covered by the study.

Data are shown for vamp and whole shoe cutters, hand, males, for example, in 1913 for 71 establishments and 1,987 employees. The average earnings per hour in that year were \$0.351 and 85 per cent of the employees earned between 25 and 50 cents per hour. None of them earned less than 12 cents and only 5 per cent earned 50 cents or more per hour. In each of the years 1920, 1922, and 1924 90 per cent or more of the employees in this occupation earned 50 cents or more per hour.

TABLE 4.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND YEAR, 1913 TO 1924

CUTTING DEPARTMENT

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	140 cents and over
Cutters, vamp and whole shoe, hand:																		
Male.....1913.....	71	1,987	\$0.351		(1)	2	8	15	53	17	5							
1914.....	75	1,812	.366		1	2	6	11	50	20	10							
1916.....	113	2,355	.375		(1)	1	6	12	46	26	9							
1918.....	114	2,319	.484		(1)	1	2	4	18	24	34	11	5					
1920.....	91	2,050	.829					(1)	2	5	9	11	12	17	23	16	5	2
1922.....	84	1,915	.787					(1)	3	7	11	13	15	20	10	17	4	2
1924.....	88	2,009	.838					(1)	1	4	10	12	14	13	22	15	4	3
Skivers, upper:																		
Male.....1913.....	32	134	.299		4	6	9	25	46	7	3							
1914.....	29	116	.299		3	9	7	13	58	9	1							
1916.....	32	124	.311	2	3	2	9	15	57	7	4							
1918.....	23	96	.423				1	5	49	22	7	7	6					
1920.....	29	87	.576			1	2	6	11	9	34	7	3	17	3	5		
1922.....	31	77	.595				3		14	9	39	7	10	7	10		1	
1924.....	29	100	.619				2	3	16	17	9	21	7	7	11	4	3	
Female.....1913.....	67	439	.209	5	13	28	31	15	7	1								
1914.....	77	446	.209	4	15	29	27	16	7	1								
1916.....	113	591	.209	6	17	26	27	13	10	1	1							
1918.....	121	697	.267	1	6	15	27	18	28	5	1	(1)						
1920.....	105	611	.434		(1)	2	3	12	30	22	18	6	4	1	1	1		(1)
1922.....	94	539	.430		(1)	1	5	11	30	23	19	5	3	3	1	(1)		(1)
1924.....	89	474	.472		(1)	1	6	7	19	26	19	14	5	1	1	1	(1)	(1)

FITTING OR STITCHING DEPARTMENT

Cementers and doublers, hand and machine:																		
Male.....1920.....	14	21	\$0.453				14	10	24	5	19	14	5	5	5			
1922.....	8	29	.528				7	7	21	17	17	7	7	10	3	3		
1924.....	12	24	.585		4	4	13	4	21	8	8		4	4	13	13	4	
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)			
1924.....	95	1,031	.328		1	9	18	21	27	13	6	3	1	(1)	(1)		(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	(1)	
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
1922.....	97	1,055	.362			3	14	17	32	20	8	4
1924.....	100	1,012	.369			5	12	15	30	20	9	5
Top stitchers:												
Male.....												
1920.....	18	57	.639						7	25	18	25
1922.....	19	64	.657			2	2	3	5	30	14	13
1924.....	21	78	.675				1	3	9	9	18	18
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	(1)	
1916.....	128	1,427	.220	4	15	22	31	17	10	2	(1)	
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
1922.....	100	1,195	.433		(1)	1	8	11	27	23	14	7
1924.....	97	1,184	.462		(1)	2	6	10	22	23	17	9
Vampers:												
Male.....												
1913.....	66	554	.320		2	6	12	21	41	17	² 1	
1914.....	65	534	.312	1	2	6	17	20	37	14	² 2	
1916.....	82	624	.333		1	5	13	16	44	16	² 5	
1918.....	83	573	.442			1	2	6	28	34	19	7
1920.....	55	400	.700				(1)	1	4	10	14	22
1922.....	52	357	.628				1	2	11	15	18	21
1924.....	49	304	.707		(1)			2	4	10	17	18
Female.....												
1913.....	79	1,072	.246	1	8	18	31	22	17	3	(1)	
1914.....	85	1,116	.243	2	9	20	27	22	19	2	(1)	
1916.....	121	1,383	.254	2	6	15	27	24	22	3	(1)	
1918.....	139	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
1922.....	98	1,142	.480		(1)		4	8	22	21	20	13
1924.....	99	1,053	.519		(1)		3	9	18	21	18	15

LASTING DEPARTMENT

Assemblers, for pulling-over machine:												
Male.....												
1913.....	54	597	\$0.272	1	4	12	22	22	25	8	(1)	
1914.....	64	708	.279	1	4	11	22	21	32	6	² 2	
1916.....	97	801	.291	1	4	10	19	23	31	10	² 2	
1918.....	102	726	.398		(1)	4	9	11	29	26	15	5
1920.....	88	691	.638			(1)	2	3	9	12	15	17
1922.....	70	593	.567		(1)	1	2	3	14	18	16	26
1924.....	81	421	.554			(1)	2	4	18	24	17	20

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 4.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND YEAR, 1913 TO 1924—Continued

LASTING DEPARTMENT—Continued

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
Assemblers, for pulling-over machine—Continued																	
Female.....1920.....	23	77	\$0.500				1	12	21	18	16	13	14	4		1	
.....1922.....	15	58	.434			2	3		45	24	16	5	2	3			
.....1924.....	8	33	.399				15	15	21	15	15	9	6	3			
Bed-machine operators:																	
Male.....1913.....	65	1,220	.330	(1)	3	10	25	45	14	² 3							
.....1914.....	70	1,173	.321	(1)	1	4	11	24	45	12	² 3						
.....1916.....	93	1,336	.349	(1)	1	2	9	19	43	20	² 6						
.....1918.....	104	1,303	.500	(1)	(1)	1	4	14	30	32	12	³ 6					
.....1920.....	93	1,252	.789				(1)	2	5	10	15	20	19	13	12	3	1
.....1922.....	86	1,167	.668	(1)			(1)	4	13	18	26	16	9	7	5	1	(1)
.....1924.....	92	1,082	.692				(1)	3	10	18	26	17	14	7	4	1	(1)
Turn lasters, hand:																	
Male.....1913.....	28	524	.310		1	4	12	27	48	6	² 2						
.....1914.....	31	689	.324	1	2	4	15	22	35	17	² 4						
.....1916.....	42	974	.365		(1)	2	10	20	33	24	² 12						
.....1918.....	35	752	.453	(1)	(1)	1	3	5	26	31	22	8	³ 3				
.....1920.....	83	666	.880					1	4	12	11	16	12	11	18	10	7
.....1922.....	30	571	.732				(1)	1	4	11	13	14	13	17	10	9	3
.....1924.....	31	496	.790				(1)	2	10	13	13	13	15	10	13	7	3

BOTTOMING DEPARTMENT

Goodyear stitchers:																	
Male.....1913.....	70	642	\$0.399			1	6	14	38	23	² 19						
.....1914.....	74	594	.410			1	4	13	35	27	² 20						
.....1916.....	97	656	.457		(1)	1	4	8	28	33	² 27						
.....1918.....	105	680	.527		1	1	4	4	14	24	29	13	³ 14				
.....1920.....	86	599	.818					(1)	2	3	9	16	22	18	15	14	3
.....1922.....	77	543	.755						2	5	16	20	19	16	10	8	2
.....1924.....	79	505	.773					(1)	2	9	12	17	18	15	13	12	1

Edge trimmers:																
Male	1914..	85	886	.400	(1)	1	5	12	37	28	² 17					
	1916..	129	1,081	.423	(1)	(1)	1	4	32	30	² 24					
	1918..	138	1,015	.545	(1)	(1)		1	16	21	24	22	³ 14			
	1920..	112	828	.904					1	3	6	11	14	16	15	22
	1922..	100	789	.764			(1)	(1)	2	5	15	15	19	16	12	10
	1924..	102	686	.767			(1)		1	7	16	18	15	15	9	10
																9
																2
																5
																1

FINISHING DEPARTMENT

Edge setters:																
Male	1913..	77	826	\$.411		1	3	11	34	33	² 19					
	1914..	86	872	.410		1	2	10	38	35	² 15					
	1916..	131	966	.414	(1)	1	3	9	38	28	² 21					
	1918..	138	924	.525			1	3	17	26	26	16	³ 11			
	1920..	112	845	.873				(1)	1	3	6	12	16	15	19	20
	1922..	99	779	.757				(1)	2	7	12	22	15	15	10	14
	1924..	102	681	.756	(1)		(1)	1	2	10	12	22	17	12	9	16
																5
																4
																1
																1
Treers:																
Male	1913..	73	1,110	.282	(1)	4	10	22	25	5	² 1					
	1914..	80	1,204	.279	1	5	13	18	25	5	² 2					
	1916..	124	1,652	.291	1	3	7	20	29	6	² 2					
	1918..	125	1,387	.403	(1)	1	2	4	11	33	29	16	3	³ 1		
	1920..	98	1,106	.677			(1)	1	4	12	17	19	19	14	7	5
	1922..	90	970	.577		(1)	1	2	11	19	24	18	11	6	4	1
	1924..	93	948	.624	(1)	(1)	1	1	9	15	21	22	15	7	5	3
																1
																(1)
Female	1913..	13	110	.158	14	48	25	8	4	2						
	1914..	18	107	.175	14	24	33	21	7	1						
	1916..	15	144	.188	8	27	19	33	11	1						
	1918..	31	211	.232	3	9	25	30	19	11	4	(1)				
	1920..	37	296	.403		(1)	1	6	11	35	26	13	4	2	2	
	1922..	35	228	.396		(1)	1	4	12	34	37	8	3	1		
	1924..	30	184	.431	1	1	1	5	3	28	42	15	4	1	1	
Repairers (not cobblers):																
Male	1920..	57	169	.505			1	4	22	19	36	8	5	5	1	1
	1922..	49	126	.462			1	3	23	25	32	8	2	1	1	1
	1924..	48	102	.511				3	18	20	21	20	6	6	1	
Female	1920..	87	711	.392		1	6	14	31	29	16	4		(1)		
	1922..	79	668	.377		1	7	16	31	36	8	1	1	(1)	(1)	(1)
	1924..	77	624	.403		1	9	15	32	25	17	2	(1)	(1)		(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.

Comparatively few wage changes were made during the period between January 1, 1922, and the period of the 1924 study. Three establishments increased rates, such increases ranging from 10 per cent for the establishment making the lowest increase to 20 per cent for the one making the highest increase. One made an increase of 30 per cent, followed by a reduction of 10 per cent; one gave an increase of 10 per cent, and later a reduction which restored the previous rate; four made reductions ranging from 10 to 15 per cent; 11 made reductions ranging from 5 per cent for the lowest to 10 per cent for the highest and later each of the 11 made increases restoring the rates in effect prior to the reduction. Some establishments made individual wage changes which did not apply to groups of employees or occupations as a whole.

Twenty-six of the 106 establishments reported bonus systems in effect during the period between May 1, 1922, and the date of this study. One of the 26 discontinued the bonus in May, 1923. The bonus systems of 12 establishments were for "leather saving" and applied only to cutters; 6 were based on earnings, 4 on service, and 3 on attendance.

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.

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.

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.

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 establishments as a whole.

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 20, shows for specified years, 1907 to 1924, the per cent of employees in each occupation in each classified group of regular or customary full-time hours per week.

Table A, pages 39 to 79, shows for 1924, the number of employees in each occupation within each group of regular or customary full-time hours per week.

Between May 1, 1922, and the period covered by the 1924 study, regular or customary hours per week of 3 establishments were in-

creased from 45 to 48, the hours of 1 were reduced from 56½ to 53¾, and the hours of another were reduced from 53 to 50½. No change was made in the regular or customary hours of 100 establishments and 1 made no report as to change.

The hours per day of 102 establishments were longer each day Monday to Friday than on Saturday. Three did not work on Saturday. The hours of one establishment only were the same for all six days of the week. The regular hours per day and per week are shown in Table 5 for the 106 establishments. The hours of a small number of employees in a few instances differed from the hours of the establishment as a whole.

TABLE 5.—ESTABLISHMENTS GROUPED AS TO REGULAR OR CUSTOMARY FULL-TIME HOURS PER DAY AND PER WEEK, BY STATE, 1924

State	Number of establishments	Hours																	
		Number of establishments whose full-time hours Monday to Friday, Saturday, and per week were—																	
		Monday to Friday	8	9	8¾	8½	8¼	8	7¾	7½	7¼	7	6¾	6½	6¼	6	5¾	5½	
		Saturday	4	4½	4¾	5	5½	5¾	6	6½	7	7½	8	8½	9	9½	10	11	
Per week	41	45	48	48	48	48	49½	50	50	50½	50½	51¼	52½	53¼	54	54	55		
Illinois.....	6			1			2									1	2		
Maine.....	5						2									3			
Maryland and Virginia.....	9			4			2			3									
Massachusetts.....	24		3	8	4	6		2	1										
Michigan.....	3		1				2												
Minnesota.....	4		4																
Missouri.....	7		5				1										1		
New Hampshire.....	6		4	1									1						
New Jersey.....	4		2	1									1						
New York.....	13		3	5	1		1		3										
Ohio.....	7						1	6											
Pennsylvania.....	12			4				3	1				1			2	1		
Wisconsin.....	6			1			1	4											
Total.....	106		5	3	38	6	6	3	2	25	2	3	1	1	1	1	5	1	3

Table 6 shows for 14 of the principal occupations, average and specified number of days of operation by establishments and number of days worked by employees in one week in 1924.

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

The average number of days of operation for establishments was obtained by weighting the days of operation of each establishment by the number of employees regardless of the number of days worked by individual employees.

The average number of days worked by employees of the occupation is a simple average obtained by dividing the aggregate number of days worked by all employees of the occupation in all the establishments by the total number of employees of the occupation.

The first line of Table 6 shows that for the occupation of "Cutters, vamp and whole shoe, hand," data are presented for 84 establishments; that the average number of days of operation in one week is 5.7; that employees in this occupation in 3 establishments had the opportunity to work on 4 days during the week; those in 15 estab-

TABLE 6.—AVERAGE AND SPECIFIED DAYS OF WORK IN SELECTED OCCUPATIONS, AND AVERAGE AND SPECIFIED DAYS ON WHICH EMPLOYEES WORKED, 1924

[This table includes only the establishments having a one-week pay-roll period]

Occupation and sex	Number of establishments	Average number of days of work in occupation in pay period	Number of establishments in which days of work in occupation in pay period were—				Number of employees	Average number of days on which employees worked in pay period	Number of employees in occupation who in pay period worked—					
			3	4	5	6			1 day	2 days	3 days	4 days	5 days	6 days
Cutters, vamp and whole shoe, hand: Male.....	84	5.7		3	15	66	1,902	5.5	16	35	49	125	406	1,269
Skivers, upper: Male.....	27	5.7		1	5	21	93	5.4	1		2	7	54	49
Skivers, upper: Female.....	85	5.8		2	14	69	439	5.6	1	3	19	21	80	315
Cementers and doublers: Male.....	12	5.8			2	10	24	5.6				3	4	17
Cementers and doublers: Female.....	92	5.9		1	12	79	964	5.6	7	16	31	44	205	661
Lining makers: Female.....	96	5.9		1	16	79	920	5.5	2	9	23	56	257	573
Top stitchers: Male.....	21	5.9			2	19	78	5.8					8	68
Top stitchers: Female.....	93	5.9		1	14	78	1,101	5.5	8	17	29	59	220	770
Vampers: Male.....	48	5.8			6	42	296	5.6		1	2	14	70	209
Vampers: Female.....	95	5.8		1	18	76	983	5.6	3	6	13	39	269	653
Assemblers, for pulling-over machine: Male.....	76	5.7			21	55	396	5.4	1	4	12	26	127	226
Assemblers, for pulling-over machine: Female.....	8	5.8			1	7	33	5.2		2	4	2	4	21
Bed-machine operators: Male.....	87	5.8		2	21	64	1,032	5.6	5	5	14	46	273	680
Turn lasters, hand: Male.....	31	5.7		2	8	21	496	5.5	4	6	16	9	161	300
Goodyear stitchers: Male.....	75	5.8		1	17	56	480	5.6	1	4	6	10	151	308
Edge trimmers: Male.....	97	5.7		2	21	74	656	5.6		5	9	42	158	442
Edge setters: Male.....	97	5.7		2	21	74	648	5.5	1	3	8	51	159	426
Treers: Male.....	88	5.8			18	70	904	5.6	2	6	19	34	234	609
Treers: Female.....	31	5.7		1	11	19	184	5.3	1	2	9	13	66	93
Repairers: Male.....	46	5.9			5	43	99	5.6			6	3	12	78
Repairers: Female.....	74	5.7		1	11	62	595	5.4	10	19	22	29	127	388

lishments had the opportunity to work on 5 days; and those in 66 establishments had the opportunity to work on 6 days during the week. There were 1,902 employees in the occupation in the 84 establishments and the average number of days on which they worked during the week was 5.5. Sixteen of the 1,902 employees actually worked on only 1 day during the week; 35 worked on 2 days; 49 worked on 3 days; 128 worked on 4 days; 406 worked on 5 days; and 1,269 worked on 6 days during the week.

Table 7 shows for each State average and classified days of operation of establishments during the year ending August 31, 1920, December 31, 1921, and December 31, 1923. The first line shows that data were obtained from five establishments in Illinois in 1920; that they were in operation an average of 282 days; that one establishment was in operation 240 and under 255 days, one 270 and under 285 days, and that three were in operation 285 and under 300 days.

TABLE 7.—AVERAGE AND CLASSIFIED DAYS OF OPERATION DURING SPECIFIED YEARS, BY STATE

State	Year ending—	Number of establishments	Average number of days of operation in 1 year	Number of establishments in which days of operation were—								
				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	Not reported
Illinois.....	Aug. 31, 1920	5	282				1		1	3		
	Dec. 31, 1921	5	285					1	2		2	
	Dec. 31, 1923	6	280					1	2	2	1	
Maine.....	Aug. 31, 1920	5	292						1		3	1
	Dec. 31, 1921	5	295							3	3	2
	Dec. 31, 1923	5	296							1	2	2
Maryland and Virginia ¹	Aug. 31, 1920	3	272		1						2	
	Dec. 31, 1921	4	278					1	1		1	
	Dec. 31, 1923	9	285				1	1	2	2	3	
Massachusetts.....	Aug. 31, 1920	29	269		4	2	7		1	11	4	4
	Dec. 31, 1921	26	265	3		3	5		3	4	7	
	Dec. 31, 1923	24	279			3	8		1	1	7	7
Michigan.....	Aug. 31, 1920	3	278					1	1		1	1
	Dec. 31, 1921	3	286				1	1			2	
	Dec. 31, 1923	3	294								3	
Minnesota.....	Aug. 31, 1920	3	291								3	
	Dec. 31, 1921	3	276					2			1	
	Dec. 31, 1923	4	299								2	2
Missouri.....	Aug. 31, 1920	11	284						7	3	1	1
	Dec. 31, 1921	9	293					2		1	6	
	Dec. 31, 1923	7	295					1		2	4	2
New Hampshire.....	Aug. 31, 1920	13	272				2	7	1	1	1	1
	Dec. 31, 1921	9	262				1	4	1	1	1	1
	Dec. 31, 1923	6	300	1						3	3	3
New Jersey.....	Aug. 31, 1920	5	275					2	2		1	3
	Dec. 31, 1921	5	303								1	1
	Dec. 31, 1923	4	289					1			1	1
New York.....	Aug. 31, 1920	13	285			1	1		2	5	4	6
	Dec. 31, 1921	12	300						1	1	5	7
	Dec. 31, 1923	13	297						1	1	5	7
Ohio.....	Aug. 31, 1920	11	275				1	4	2	1	2	1
	Dec. 31, 1921	8	284					1	2	4	1	1
	Dec. 31, 1923	7	281						3	1	3	3
Pennsylvania.....	Aug. 31, 1920	11	285					1	3	5	1	1
	Dec. 31, 1921	10	292						1	3	1	5
	Dec. 31, 1923	12	294			1			1	2	1	3
Wisconsin.....	Aug. 31, 1920	5	286					1	2	2	1	1
	Dec. 31, 1921	5	285						2	2	1	1
	Dec. 31, 1923	6	294						1	2	3	3
Total.....	Aug. 31, 1920	117	280		5	3	12	15	23	40	17	2
	Dec. 31, 1921	104	282	4		4	7	11	13	26	36	
	Dec. 31, 1923	106	290				9	6	13	33	44	

¹ Data for 1920 and 1921 are for Virginia only.

² For 3 establishments.

³ For 25 establishments.

⁴ For 4 establishments.

⁵ For 3 establishments.

⁶ For 10 establishments.

⁷ For 115 establishments.

⁸ For 101 establishments.

⁹ For 105 establishments.

Table 8 shows for each State for the calendar years 1921 and 1923, 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, lockouts or vacations, or other causes.

TABLE 8.—AVERAGE NUMBER OF DAYS OF OPERATION AND OF DAYS IDLE, BY SPECIFIED CAUSES, DURING CALENDAR YEARS 1921 AND 1923, BY STATE

State and year	Number of establishments	Average number of days of operation	Average number of days idle during year on account of—						
			Satur- days	Sun- days	Holi- days	In- ven- tory	Slack busi- ness or lack of orders	Strikes, lock- outs, or "vacations"	Other causes ¹
Illinois.....1921..	5	285	-----	52	7	-----	20	-----	1
.....1923..	6	280	-----	52	6	1	26	-----	-----
Maine.....1921..	5	295	-----	52	7	3	7	-----	1
.....1923..	5	296	-----	52	8	-----	6	-----	3
Maryland and Virginia ²1921..	4	278	-----	52	4	4	27	-----	-----
.....1923..	9	285	-----	52	5	3	12	-----	8
Massachusetts.....1921..	26	265	18	52	9	1	19	-----	1
.....1923..	24	279	13	52	9	1	8	-----	3
Michigan.....1921..	3	286	-----	52	7	6	13	-----	1
.....1923..	3	294	-----	52	6	10	2	-----	1
Minnesota.....1921..	3	276	-----	52	6	5	-----	26	-----
.....1923..	4	299	-----	52	4	5	-----	-----	5
Missouri.....1921..	9	293	4	52	5	3	5	-----	3
.....1923..	7	295	-----	52	6	4	8	-----	-----
New Hampshire.....1921..	9	262	-----	52	12	2	25	6	-----
.....1923..	6	300	-----	52	8	1	-----	-----	6
New Jersey.....1921..	5	303	-----	52	6	3	-----	-----	1
.....1923..	4	289	-----	52	7	-----	12	-----	5
New York.....1921..	12	300	-----	52	8	2	-----	1	2
.....1923..	13	297	-----	52	7	-----	-----	-----	9
Ohio.....1921..	8	284	-----	52	7	2	14	-----	6
.....1923..	7	291	-----	52	9	-----	13	-----	-----
Pennsylvania.....1921..	10	292	-----	52	7	3	11	-----	-----
.....1923..	12	294	-----	52	6	2	5	-----	6
Wisconsin.....1921..	5	285	8	52	6	8	6	-----	-----
.....1923..	6	294	-----	52	7	4	3	-----	5
Total.....1921..	104	282	5	52	8	3	12	1	2
.....1923..	106	290	3	52	7	2	7	-----	4

¹ Includes continuation of holidays, picnic days, excursions, breakdowns, and funerals.

² Data for Maryland not taken for year 1921.

³ For 3 establishments. One establishment began operating in January, 1922.

⁴ For 25 establishments. One establishment began operating in November, 1921.

⁵ For 4 establishments. One establishment began operating in January, 1922.

⁶ For 3 establishments. One establishment began operating in May, 1923.

⁷ For 101 establishments. See footnotes 3, 4, and 5.

⁸ For 106 establishments. See footnote 6.

The 1924 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 made by the welt, McKay, or turn process.

During the period covered by this report 16 of the 106 establishments produced men's shoes only; 10 produced men's and women's; 11 produced men's and boys'; 4 produced men's and children's; 9 produced men's, women's, and children's; 39 produced women's; 13 produced women's and children's; and 4 produced children's shoes. Welt shoes were produced by 49 establishments; welt and McKay, by 10; welt and turn, by 15; welt, McKay, and turn, by 9; McKay, by 14; McKay and turn, by 2; turn, by 5; welt, turn, and stitch down, by 1; and welt and nailed, 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 the records of establishments. The number of establishments covered in each year canvassed since 1907 is as follows:

	Establish- ments		Establish- ments
1907.....	26	1914.....	91
1908.....	26	1916.....	136
1909.....	26	1918.....	143
1910.....	60	1920.....	117
1911.....	81	1922.....	104
1912.....	81	1924.....	106
1913.....	88		

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 9 shows by States the number of wage earners in this industry as reported by the United States census of 1921, and the number of establishments from which the bureau obtained data for 1924 together with the number of employees in such establishments.

TABLE 9.—TOTAL NUMBER OF WAGE EARNERS IN BOOT AND SHOE MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH 1924 DATA ARE SHOWN

State	Number of wage earners reported by United States census, 1921	Number of establishments and employees for which data are shown for 1924 in this report	
		Estab-lishments	Employees
Massachusetts.....	64,494	24	12,256
New York.....	33,552	13	7,061
Missouri.....	15,245	7	5,952
Ohio.....	13,346	7	3,637
Pennsylvania.....	11,867	12	3,262
New Hampshire.....	8,867	6	2,415
Maine.....	8,780	5	2,409
Illinois.....	7,809	6	2,859
Wisconsin.....	6,868	6	1,273
New Jersey.....	2,146	4	618
Minnesota.....	(1)	4	890
Michigan.....	(1)	3	591
Maryland and Virginia.....	(1)	9	2,277
All other States.....	10,528	-----	-----
Total.....	183,502	106	45,460

¹ Included with "all other States."

According to the census of 1921 approximately 97 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the bureau obtained 1922 data and for which detailed information for 1924 is presented in this report is more than 24 per cent of the total number of persons in the industry in 1921, which renders the figures fully representative of the industry.

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 week," which averages are shown in parallel columns in Table A, pages 39 to 79.

The average earnings per hour for employees in each occupation were computed by dividing the combined earnings of all employees 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 in 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 some employees 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 in 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 as was received during the time that was actually worked in the week covered.

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
- 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 and 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

Lasting department—Continued

- Pullers-over, machine
- Side lasters, hand
- Side lasters, machine
- Bed-machine operators
- Hand-method lasting machine operators
- Turn lasters, hand (including first and second lasters)
- Turn lasters, machine
- Turn sewers
- Tack pullers, hand and machine

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, expeditors, 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

All employees not listed above are tabulated as "other employees."

GENERAL TABLES

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 department, occupation, sex, and State, 1924.

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

Table B.—Average and classified earnings per hour for employees in 14 typical occupations, by department, sex, and State, 1924.

Table C.—Average and classified hours actually worked in one week by employees in 14 typical occupations who worked on as many days as there was work in the occupation, by department, sex, and State, 1924.

Table D.—Average and classified earnings actually made in one week by employees in 14 typical occupations who worked on as many days as there was work in the occupation, by department, sex, and State, 1924.

In Tables C and D the average full-time hours and earnings per week are for all employees in each of the 14 typical occupations covered in 1924, while the average and classified hours actually worked and the average and classified earnings actually received are for employees in each occupation who worked on as many days as there were days of work in the occupation in one week in 1924.

All employees who worked on less than the number of days on which there was work were excluded from the average hours actually worked and average earnings actually received, because it is the purpose of these tables to show as nearly as possible the hours and the earnings actually made by employees who worked all the time that there was work and to compare therewith the average hours and the 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 worked on less than the number of days on which there was 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.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924

[This table does not include data for 6 establishments having a two-week pay-roll period]

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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				
CUTTING DEPARTMENT																							
Cutters, vamp and whole shoe, hand, male:																							
Illinois.....	3	170	5.8	5.6	48.0	44.3	92													\$0.888	\$30.37	\$42.62	
Maine.....	5	120	6.0	5.7	52.8	49.7	94							36							.591	29.51	31.36
Maryland and Virginia.....	5	26	6.0	5.8	50.3	49.6	99							26							.571	28.30	28.72
Massachusetts.....	21	590	5.7	5.4	47.6	41.9	88			77				508	5						.920	38.59	43.79
Michigan.....	2	15	5.6	5.3	49.6	44.3	89							3	12						.731	32.37	36.26
Minnesota.....	4	62	4.8	4.6	48.0	37.7	79							62							.804	30.33	38.59
Missouri.....	4	209	6.0	5.7	48.0	45.1	94							208							.947	42.66	45.46
New Hampshire.....	3	53	5.7	5.7	48.0	44.5	93							53							.750	33.36	36.00
New Jersey.....	4	36	6.0	6.0	46.6	44.9	96		20					7							.822	36.88	38.31
New York.....	13	258	5.8	5.3	47.5	41.2	87		64					129							.896	36.97	42.56
Ohio.....	3	151	6.0	5.7	49.9	45.9	92							151							.783	35.91	39.07
Pennsylvania.....	11	145	5.3	5.0	49.2	38.5	78							84	51						.754	29.03	37.10
Wisconsin.....	6	67	5.5	5.5	49.1	44.8	91							25	42						.765	34.26	37.56
Total.....	84	1,902	5.7	5.5	48.4	43.2	89		84		77		1,249	388	9	95					.847	36.56	40.99
Cutters, vamp and whole shoe, machine, male:																							
Illinois.....	4	18	5.6	5.5	51.5	46.3	90							8							.483	22.34	24.87
Maine.....	3	36	6.0	5.8	53.8	50.2	93							2							.673	33.77	36.21
Maryland and Virginia.....	2	11	6.0	5.5	50.5	43.7	87							11							.547	23.88	27.62
Massachusetts.....	15	175	5.8	5.7	48.4	42.6	88							140	35						.849	36.10	41.09
Michigan.....	3	12	5.8	5.6	49.8	48.3	97							1	11						.597	28.79	29.74
Missouri.....	2	133	6.0	5.9	52.4	48.7	93							53							.561	27.32	29.40

GENERAL TABLES

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours														Earnings				
			Of work in the occupation in one week	Worked by employees in one week	Number of employees whose full-time hours per week were—												Average earnings per hour	Average earnings made in one week	Average full-time earnings per week				
			Average full-time hours per week	Average hours actually worked in one week	Percent of full-time hours worked	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			
CUTTING DEPARTMENT—CONTINUED																							
Outters, vamp and whole shoe, machine, male—Continued																							
New Hampshire	4	79	5.8	5.5	49.1	45.3	92							60		19				\$0.765	\$34.65	\$37.56	
New York	4	136	6.0	5.8	48.5	47.4	98							100		36					.708	33.55	34.34
Ohio	3	67	4.9	4.9	50.0	37.0	74									67					.661	24.47	33.05
Pennsylvania	5	36	6.0	6.0	52.2	52.1	100							5		9		22			.646	33.69	33.72
Wisconsin	4	25	5.2	4.6	49.0	37.5	97							13		12					.673	25.22	32.98
Other States	1	2		5.0	48.0	40.0	83							2							.566	27.18	27.17
Total	50	730	5.7	5.6	49.9	45.3	91							329	236	24	136	5			.697	31.58	34.78
Outters, vamp and whole sole, machine, female:																							
Illinois	3	44	6.0	5.3	53.3	46.2	87									36			8		.299	13.80	15.94
Other States	1	1	6.0	6.0	48.0	47.3	99								1						.776	36.72	37.25
Total	4	45	6.0	5.4	53.2	46.2	87							1		36			8		.310	14.31	16.49
Outters, trimmings, hand (including dinkers and blockers), male:																							
Illinois	3	5	5.6	5.4	48.0	43.6	91							5							.659	28.72	31.63
Maine	5	59	6.0	5.2	53.5	45.6	85									8			51		.400	18.27	21.40
Maryland and Virginia	5	11	6.0	5.8	50.3	48.0	95									11					.410	19.68	20.62
Massachusetts	23	251	5.7	5.2	47.6	39.0	92							184		20					.548	21.38	26.08
Minnesota	4	24	5.0	5.1	48.0	41.3	86			4	43			24							.412	16.69	19.78
Missouri	4	113	6.0	5.5	50.0	44.2	88							76							.448	19.78	22.40
New Hampshire	3	13	5.8	5.8	48.7	44.5	91							11					2		.402	17.90	19.58

New Jersey	4	5	6.0	6.0	46.3	45.9	99				1									.579	26.59	26.81		
New York	12	134	5.9	5.6	47.4	43.9	92		3					74	32						.573	25.14	27.16	
Ohio	4	30	6.0	5.4	49.8	44.4	89		28						30						.437	19.39	21.77	
Pennsylvania	10	62	5.5	5.5	49.8	43.8	88							26	27						.354	15.50	17.63	
Wisconsin	5	14	5.1	4.3	49.5	33.2	67							5	9						.396	13.15	19.52	
Total	82	721	5.8	5.4	48.8	42.2	86							406	137						.490	20.68	23.91	
Cutters, trimmings, hand (including dinkers and blockers), female:																								
Massachusetts	2	4	5.3	5.0	48.0	29.0	60							4								.492	14.26	23.62
New York	2	3	5.7	5.0	45.3	30.8	88		2					1								.557	23.36	26.59
Other States	2	22	6.0	5.9	54.0	48.6	90							1								.306	14.87	16.52
Total	6	29	5.9	5.7	52.1	45.0	86							6								.348	15.66	18.13
Cutters, trimmings, machine, male:																								
Illinois	2	4	5.3	4.3	49.5	32.5	66							3								.548	17.83	27.13
Maine	2	18	6.0	5.9	54.0	47.3	88															.547	25.87	29.54
Maryland and Virginia	3	7	6.0	5.8	50.4	48.5	96								7							.301	14.60	15.17
Massachusetts	3	9	6.0	6.0	48.0	47.9	100							9								.324	15.53	15.55
Michigan	2	4	5.5	4.8	49.5	34.0	69							1	3							.445	15.10	22.03
Minnesota	3	5	5.6	5.4	48.0	43.8	91							5								.358	15.67	17.18
Missouri	3	24	6.0	5.0	50.5	40.6	83							10	6							.453	18.38	22.88
New Jersey	3	4	5.8	4.8	46.8	37.4	80							1								.466	17.42	21.81
New York	4	30	6.0	5.9	49.9	48.5	97		2					2	28							.472	22.90	23.55
Ohio	3	37	5.6	5.5	50.0	44.6	89								37							.360	16.03	18.00
Pennsylvania	8	31	6.0	5.8	50.0	47.6	95							15	9							.296	14.08	14.08
Wisconsin	3	6	6.0	6.0	49.7	48.4	97								6							.359	17.39	17.84
Other States	1	4	6.0	4.8	49.5	34.0	69								4							.350	18.40	17.33
Total	40	183	5.9	5.6	50.3	45.2	90							46	100							.401	18.16	20.17
Cutters, trimmings, machine, female:																								
Michigan	2	2	4.5	4.5	49.0	39.9	81							1	1							.374	14.92	18.33
Other States	7	44	6.0	5.3	50.0	43.5	87							9	28							.279	12.13	13.95
Total	9	46	5.9	5.3	49.9	43.3	87							10	29							.283	12.25	14.12
Skivers, upper, male:																								
Maryland and Virginia	2	3	6.0	5.7	50.3	47.7	95															.409	19.52	20.57
Massachusetts	9	43	5.6	5.4	47.4	43.5	92								8							.713	31.00	33.80
New Hampshire	2	2	6.0	6.0	48.0	45.3	94							2								.507	22.95	24.34
New York	5	15	6.0	5.3	46.3	37.3	81							7	1							.886	33.02	41.02
Pennsylvania	4	7	6.0	5.7	51.1	47.2	92							2	2							.422	19.91	21.56
Other States	5	23	5.6	5.2	49.4	42.7	86							2	15							.420	17.96	20.75
Total	27	93	5.7	5.4	48.0	42.7	89							47	21							.637	13.09	30.58

New York	12	29	5.9	5.6	47.6	42.5	89	8	11	10									751	31.91	35.75
Ohio	3	14	6.0	5.9	49.9	46.6	93			14									592	27.54	29.54
Pennsylvania	9	19	6.0	5.8	49.0	45.5	93			10									474	21.55	23.23
Wisconsin	4	11	5.7	5.6	49.4	46.0	93			2									516	23.74	25.49
Total	69	251	5.8	5.5	48.4	44.2	91	11	14	1	148	65	1	11				618	24.62	29.91	
Cutters, linings, machine, male:																					
Illinois	4	17	5.4	5.2	49.2	42.0	85			14			1		2				524	22.01	25.78
Maine	4	7	6.0	5.6	52.9	49.3	93					2		5					498	24.53	26.34
Maryland and Virginia	3	5	6.0	5.8	50.2	48.5	97					5							512	24.83	25.70
Massachusetts	14	49	5.8	5.6	48.2	43.6	90			45		4							674	29.42	32.49
Missouri	2	7	6.0	6.0	52.3	50.0	96					3		4					441	22.07	23.06
New Hampshire	3	15	5.3	4.9	48.3	41.8	87					14		1					471	19.72	22.75
New York	4	11	6.0	5.8	48.7	48.2	99			7		4							605	29.18	29.46
Ohio	3	6	5.0	5.0	50.0	38.8	78					6							579	22.49	28.95
Pennsylvania	4	5	6.0	6.0	50.8	50.7	100					2			2				480	24.35	24.38
Wisconsin	3	5	5.2	4.8	49.2	40.1	82					2		3					564	22.58	27.75
Other States	2	2	6.0	6.0	49.7	49.7	100					1		1					483	24.00	24.01
Total	46	129	5.7	5.5	49.2	44.5	90					85	28	3	11	2		576	25.58	28.34	
SOLE-LEATHER DEPARTMENT																					
Cutters, outsole, male:																					
Illinois	3	15	6.0	5.9	48.0	47.2	98					15							895	42.25	42.96
Maryland and Virginia	3	3	6.0	5.7	50.3	55.1	110						3						502	27.66	25.25
Massachusetts	15	57	5.8	5.6	48.2	45.9	95			4		41		12					697	32.00	33.60
Michigan	3	5	5.0	5.0	49.2	43.0	87						2	3					617	28.60	30.45
Missouri	3	73	5.9	5.7	48.0	46.3	96					73							826	38.25	39.65
New Hampshire	2	24	5.2	5.2	48.0	43.6	91					24							753	32.87	36.14
New Jersey	2	5	6.0	6.0	48.4	48.9	101	2						3					576	28.13	27.88
New York	5	41	5.1	4.2	47.5	35.9	76					34		1					732	26.29	34.77
Ohio	5	15	5.4	5.3	50.0	43.2	86	6						15					633	27.33	31.65
Pennsylvania	6	11	6.0	5.9	51.1	49.8	97							5		4			505	25.11	25.81
Wisconsin	3	8	5.0	4.8	49.0	37.6	77					4		4					651	24.44	31.90
Other States	2	8	6.0	5.4	51.8	43.6	84					3				5			612	26.70	31.70
Total	52	265	5.4	5.2	48.4	44.1	91	8	4		198	43	3	9				733	32.34	35.48	
Cutters, insole, male:																					
Illinois	3	37	6.0	5.7	48.0	45.7	95					37							988	45.18	47.42
Massachusetts	14	57	5.8	5.5	48.8	44.3	91			1		33		23					640	28.31	31.23
Michigan	2	2	5.5	5.5	50.0	47.2	94							2					526	24.82	26.30
Missouri	2	123	5.8	5.6	48.0	45.2	94					123							726	32.80	34.85
New Hampshire	2	48	5.1	4.9	48.0	43.0	90					48							671	28.87	32.21
New York	2	2	5.5	5.5	49.0	45.5	93					1		1					811	36.90	39.74
Ohio	4	11	5.4	5.1	50.0	40.8	82							11					508	20.72	25.40
Pennsylvania	4	6	6.0	6.0	51.7	51.7	100					1		2		3			355	18.35	18.35
Other States	3	7	5.3	5.3	48.3	43.3	90					6		1					538	23.85	25.99
Total	36	293	5.7	5.5	48.3	44.7	93			1		249	40		3			713	31.84	34.44	

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours												Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—												Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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			
SOLE-LEATHER DEPARTMENT—CON.																						
Rounders, outsole or insole, male:																						
Illinois.....	5	13	6.0	5.4	51.2	44.7	87												\$0.532	\$23.00	\$27.24	
Maine.....	5	10	6.0	5.4	53.2	41.6	78						2		8				.502	10.91	26.71	
Maryland and Virginia.....	4	4	6.0	6.0	50.4	55.3	110						4						.506	27.97	25.50	
Massachusetts.....	21	41	5.7	5.6	48.0	42.9	89				3		33		5				.655	28.09	31.44	
Missouri.....	5	14	5.9	5.4	50.0	43.2	86						6		5		3		.579	25.01	28.95	
New Hampshire.....	4	8	5.7	5.0	49.7	39.9	80						5				3		.618	24.66	30.71	
New Jersey.....	2	3	6.0	6.0	44.8	44.8	100		2		1								.693	31.07	31.05	
New York.....	13	25	5.8	5.4	47.4	43.3	91		7				12		6				.656	28.42	31.09	
Ohio.....	4	8	5.8	5.5	50.0	45.6	91								8				.577	26.32	28.85	
Pennsylvania.....	7	13	6.0	5.0	49.1	49.3	100								4		1		.502	24.74	24.65	
Wisconsin.....	4	5	5.2	5.2	49.2	41.9	85								2		3		.549	23.02	27.01	
Other States.....	2	2	5.5	5.5	49.0	45.5	93							1	1				.462	21.04	22.64	
Total.....	76	146	5.8	5.5	49.1	44.0	90		9		3	1	72	38	11	12			.597	26.18	29.21	
Rounders, outsole or insole, female:																						
Wisconsin.....	2	3	6.0	5.7	49.8	49.0	98												.361	17.68	17.98	
Other States.....	1	2	6.0	6.0	48.0	48.0	100												.570	27.36	27.36	
Total.....	3	5	6.0	5.8	49.1	48.6	99												.443	21.55	21.75	
Channelers, outsole or insole, male:																						
Illinois.....	6	21	6.0	5.9	49.5	47.8	97												.684	32.66	33.86	
Maine.....	5	8	6.0	5.9	53.0	47.1	89							2					.706	33.23	37.42	
Maryland and Virginia.....	5	5	6.0	6.0	50.3	53.5	106								5				.574	30.71	28.87	
Massachusetts.....	22	51	5.8	5.5	47.9	40.4	84					5			4				.781	31.57	37.41	

Minnesota	3	7	5.6	5.6	48.0	44.6	93					7								.538	23.96	25.82	
Missouri	4	14	6.0	5.7	51.4	44.3	82					4	3		7					.584	25.90	30.02	
New Hampshire	5	10	5.8	5.2	48.9	41.2	84					8		2						.690	28.41	33.74	
New York	13	42	5.4	5.2	48.3	43.8	91		3			27		12						.675	29.59	32.60	
Ohio	5	10	5.5	5.5	50.0	42.9	86						10							.600	25.75	30.00	
Pennsylvania	10	20	5.9	5.8	49.8	48.3	97					10	6		4					.540	26.08	26.89	
Wisconsin	4	6	5.2	4.7	49.3	37.6	76					2	4							.623	23.40	30.71	
Other States	1	3	5.0	5.0	50.0	36.0	72						3							.617	22.22	30.85	
Total	83	197	5.7	5.5	49.1	43.8	89		3		5	116	49	4	17	3				.668	29.23	32.80	
Cutters, top and heel lifts, machine, male:																							
Illinois	2	7	6.0	6.0	48.0	48.3	101					7									.697	33.67	33.46
Massachusetts	11	24	5.7	5.5	48.0	43.9	91			2		19	3								.539	23.64	25.87
Missouri	2	156	5.9	5.7	48.0	45.7	95					156									.529	24.18	25.39
New Hampshire	2	25	5.1	4.9	48.0	41.9	87					25									.575	24.11	27.60
New York	5	12	5.2	5.2	47.5	43.7	92		2				9	1							.563	24.64	26.74
Ohio	2	24	6.0	5.9	50.0	49.1	98							24							.329	16.14	16.45
Pennsylvania	3	7	6.0	5.7	51.4	49.3	96					3				4					.393	19.40	20.20
Other States	5	8	5.9	5.6	50.5	44.2	88		1			1	3		3						.456	20.13	23.03
Total	32	263	5.8	5.6	48.3	45.5	94		3		2	220	31		7						.514	23.41	24.83
Heel builders, hand, male:																							
Massachusetts	2	2	6.0	6.0	49.0	44.0	90					1	1								.531	23.39	26.02
New York	4	4	5.5	5.0	48.0	41.8	87					4									.725	30.30	34.80
Pennsylvania	2	8	6.0	6.0	52.5	52.5	100					2				6					.376	19.76	19.74
Other States	5	6	5.5	5.2	48.7	40.7	84	4	1			1									.588	23.94	28.64
Total	13	20	5.8	5.6	50.1	46.0	92	4	1			1	7	1		6					.511	23.48	25.60
Heel builders, hand, female:																							
Massachusetts	4	7	5.6	4.4	48.0	37.1	77					7									.533	19.80	25.58
Other States	3	13	5.2	5.1	48.9	42.1	86					11			2						.449	18.89	21.96
Total	7	20	5.3	4.9	48.6	40.4	83					18			2						.477	19.21	23.18
Heel builders, machine (including compressors), male:																							
Massachusetts	7	12	5.7	5.4	48.3	44.1	91				1	8	3								.455	20.07	21.98
Michigan	2	2	5.0	5.0	50.0	41.0	82						2								.418	17.15	20.90
Missouri	2	37	5.9	5.6	48.0	44.8	93					37									.582	26.06	27.94
New York	4	6	5.3	5.3	47.3	47.1	100				1	5									.558	26.25	26.39
Pennsylvania	4	5	6.0	6.0	51.9	51.9	100						3		2						.340	17.67	17.65
Other States	5	8	5.9	5.5	50.1	44.3	88					2	5		1						.415	18.39	20.79
Total	24	70	5.8	5.6	48.6	45.2	93		1		1	52	13		3						.516	23.32	25.08

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								Under 44	44	Over 44 and under 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					
SOLE-LEATHER DEPARTMENT—COD.																							
Heel builders, machine (including compressors), female:																							
Illinois.....	2	10	6.0	5.7	48.0	45.3	94																
Massachusetts.....	7	37	5.9	5.6	47.8	44.1	92				3												
Other States.....	7	109	5.5	5.3	48.3	42.9	89						101	4		4							
Total.....	16	156	5.7	5.4	48.1	43.3	90				3			145	4		4						
FITTING OR STITCHING DEPARTMENT																							
Stampers, linings or uppers (including markers), male:																							
Maryland and Virginia.....	2	2	6.0	6.0	50.5	54.8	109								2								
New York.....	2	2	6.0	6.0	46.0	51.5	112		1						1								
Pennsylvania.....	4	8	6.0	5.6	49.3	45.8	93								3	5							
Other States.....	5	11	5.7	5.3	49.6	43.5	88								2	9							
Total.....	13	23	5.9	5.5	49.3	46.0	93		1						6	16							
Stampers, linings or uppers (including markers), female:																							
Illinois.....	6	35	6.0	5.3	50.0	43.3	89																
Maine.....	5	26	6.0	5.4	52.6	46.6	89									9							
Massachusetts.....	23	130	5.7	5.4	47.8	42.5	89				8					1							
Maryland and Virginia.....	3	5	6.0	6.0	50.2	50.2	100									5							
Michigan.....	2	3	5.3	4.7	49.3	39.0	79								1	2							

Minnesota	4	14	5.3	5.1	48.0	40.9	85					14							349	14.29	16.00
Missouri	5	17	6.6	5.9	49.8	48.3	97					10	3						433	20.91	21.56
New Hampshire	5	38	6.0	5.7	48.7	43.6	90					32		6					403	17.54	19.03
New Jersey	3	7	6.0	5.9	45.4	43.5	96		5		1			1					357	15.54	16.21
New York	12	66	5.9	5.5	48.0	43.6	91		9			38	19						401	17.46	19.25
Ohio	6	29	5.9	5.7	49.9	46.3	93					29							337	15.50	16.82
Pennsylvania	10	37	6.0	5.6	49.3	44.0	89					21	11				5		285	12.52	14.05
Wisconsin	5	16	5.3	5.0	49.1	39.2	80					6							421	16.53	20.67
Total	89	423	5.8	5.5	48.8	43.6	89		14		8	1	266	89	18	26	1		384	16.77	18.74
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), male:																					
Maryland and Virginia	2	4	6.0	5.5	49.1	46.0	94				1			3					224	10.29	11.00
Massachusetts	2	3	5.3	5.3	48.0	44.9	94						3						364	16.34	17.47
New York	4	12	5.9	5.7	46.3	41.6	79		5				7						793	33.15	36.95
Pennsylvania	2	2	6.0	5.0	49.0	36.7	75						1						438	16.06	21.46
Other States	2	3	6.0	6.0	50.7	46.5	93		1								2		594	27.61	30.12
Total	12	24	5.8	5.6	47.8	42.9	90		6		1		11	4			2		585	25.12	27.96
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), female:																					
Illinois	6	70	6.0	5.1	51.0	42.4	83						35		28		7		313	13.28	15.96
Maine	5	53	6.0	5.3	53.3	46.9	88						9		44				304	14.26	16.20
Massachusetts	22	209	5.9	5.6	47.6	42.6	89		3	10	10		186						381	16.23	18.14
Maryland and Virginia	5	14	6.0	5.8	50.4	47.9	95						14						207	9.90	10.43
Michigan	2	11	5.8	4.5	49.9	37.2	75						1		10				309	11.49	15.42
Minnesota	4	12	6.0	5.3	48.0	40.6	85						12						378	15.34	18.14
Missouri	5	88	6.0	5.8	49.9	45.6	91						51	13			24		295	13.44	14.72
New Hampshire	5	41	6.0	5.9	48.4	42.7	88						37		4				314	13.41	15.20
New Jersey	3	30	6.0	5.9	45.8	42.8	93		18		7				5				441	18.84	20.20
New York	13	180	5.9	5.5	48.3	44.8	93		21				86	73					375	16.82	18.11
Ohio	6	138	5.9	5.3	49.9	43.2	87						138						288	12.46	14.37
Pennsylvania	10	102	6.0	5.5	49.5	44.3	89						56	31			15		270	11.94	13.37
Wisconsin	6	16	5.3	4.8	49.4	36.6	74						4	12					374	13.70	18.48
Total	92	964	5.9	5.5	49.1	43.7	89		42	10	10	7	468	300	37	83	7		333	14.53	16.35
Folders, hand and machine, male:																					
New York	4	28	6.0	5.6	45.6	42.2	93		17				11						867	36.60	39.54
Other States	2	10	6.0	5.8	52.2	44.9	86						3				7		295	13.22	15.40
Total	6	38	6.0	5.7	47.3	42.9	91		17				14				7		709	30.45	33.54

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours														Earnings				
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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																							
Folders, hand and machine, female:																							
Illinois.....	6	46	6.0	5.9	50.9	50.2	99						22		23		1				\$0.383	\$19.22	\$19.49
Maine.....	5	28	6.0	5.4	53.0	44.7	84							7		21					.360	16.09	19.08
Massachusetts.....	22	272	5.8	5.6	47.6	41.9	88			39			233								.499	20.88	23.75
Maryland and Virginia.....	4	5	6.0	6.0	50.3	44.4	88							5							.399	17.72	20.07
Michigan.....	3	7	5.6	5.4	49.7	45.3	91						1	6							.327	14.83	16.25
Minnesota.....	4	18	5.6	5.4	48.0	42.0	88						18								.477	20.05	22.90
Missouri.....	5	85	6.0	5.4	50.2	42.1	84						49	9		28					.326	13.70	16.37
New Hampshire.....	5	30	6.0	5.8	48.6	45.0	93						26		4						.409	18.39	19.88
New Jersey.....	4	4	6.0	5.8	46.8	41.8	89		2				1		1						.492	20.52	23.03
New York.....	13	175	5.9	5.6	47.8	43.8	92		30				100		45						.445	19.48	21.27
Ohio.....	4	64	5.9	5.4	49.9	43.6	87							64							.345	15.00	17.22
Pennsylvania.....	10	59	6.0	5.5	49.7	43.2	87							26	25		8				.358	15.47	17.79
Wisconsin.....	4	11	5.5	5.4	48.8	41.5	85						6	5							.508	21.06	24.79
Total.....	89	805	5.9	5.6	48.7	43.3	89		32		39		482	166	28	57	1				.428	18.50	20.84
Perforators, male.																							
Massachusetts.....	5	11	5.9	4.3	48.0	34.3	71						11								.538	18.46	25.82
New York.....	4	22	6.0	5.3	48.1	46.1	96		2				15	5							.499	22.97	24.00
Pennsylvania.....	3	4	6.0	6.0	49.5	49.3	100						1	3							.483	23.84	23.91
Other States.....	3	4	6.0	5.8	50.6	47.8	94		1					1		2					.575	27.51	29.10
Total.....	15	41	6.0	5.1	46.5	43.4	89		3				27	9		2					.513	22.29	24.88

Perforators, female:																		
Illinois.....	5	29	5.9	5.5	51.8	47.1	91				7	10	3			340	16.03	17.61
Maine.....	5	14	6.0	5.2	53.1	42.6	80					3				374	15.91	19.86
Massachusetts.....	22	60	5.8	5.5	47.6	40.2	84		8		52		11			535	21.51	25.47
Maryland and Virginia.....	4	4	6.0	6.0	50.3	49.8	90					4				366	18.22	18.41
Minnesota.....	4	8	5.9	5.6	48.0	41.3	86				8					390	16.12	18.72
Missouri.....	5	21	6.0	5.6	50.1	47.7	94				9	7	5			392	18.09	19.64
New Hampshire.....	5	22	6.0	5.9	48.6	43.4	89				19		3			447	19.40	21.72
New Jersey.....	3	3	6.0	5.7	47.8	40.9	86				1		1			541	22.12	25.86
New York.....	11	38	5.9	5.4	48.1	41.0	85	1			19	13				500	20.46	24.05
Ohio.....	5	31	5.8	5.4	49.9	44.4	89	6				31				394	17.49	19.64
Pennsylvania.....	10	31	6.0	5.5	50.8	45.4	89					8	12	11		369	16.72	18.75
Wisconsin.....	6	8	5.0	5.0	49.2	37.1	75									415	15.40	20.42
Other States.....	1	6	6.0	6.0	50.0	49.6	99									331	16.42	16.55
Total.....	86	266	5.9	5.5	49.4	43.2	87		7	8	126	81	14	27	3	434	18.73	21.44
Tip stitchers, female:																		
Illinois.....	4	21	6.0	5.2	48.6	42.8	88				19		1		1	575	24.57	27.95
Maine.....	4	5	6.0	4.8	51.6	39.4	76					3		2	1	497	19.59	25.65
Massachusetts.....	20	79	5.8	5.6	47.8	43.9	92		6		73					575	25.27	27.49
Maryland and Virginia.....	4	6	6.0	5.0	50.3	42.0	84					6				380	15.95	19.11
Michigan.....	2	4	5.8	5.5	50.0	45.8	92					4				358	16.38	17.90
Minnesota.....	4	7	6.0	5.4	48.0	40.8	85				7					503	20.52	24.14
Missouri.....	5	34	6.0	5.8	50.9	47.9	94				13	7		14		362	17.34	18.43
New Hampshire.....	4	15	6.0	6.0	48.6	45.8	94				13		2			394	18.04	19.15
New Jersey.....	3	4	6.0	6.0	46.5	40.3	87	2		1						487	19.62	22.65
New York.....	12	39	5.9	5.7	48.1	45.0	94	3			26	10	1			503	22.63	24.19
Ohio.....	6	32	5.7	5.4	50.0	42.5	85				32					391	16.62	19.55
Pennsylvania.....	9	11	6.0	5.6	49.1	44.5	91			1	5	4		1		434	19.29	21.31
Wisconsin.....	6	14	5.6	5.0	49.3	38.9	79				4	10				482	18.77	23.76
Total.....	83	271	5.9	5.6	48.9	43.9	90		5	7	160	76	4	17	1	482	21.19	23.57
Closers or seamers, male:																		
Massachusetts.....	2	7	5.9	5.7	48.0	46.2	96				7					558	25.77	26.78
Other States.....	2	3	6.0	6.0	49.3	49.1	100				1	2				422	20.73	20.80
Total.....	4	10	5.9	5.8	48.4	47.1	97				8	2				515	24.56	24.93
Closers or seamers, female:																		
Illinois.....	6	23	5.8	5.6	49.7	46.6	94				15		8			463	21.59	23.01
Maine.....	5	45	6.0	5.7	53.7	45.1	84					3		42		335	15.10	17.99
Massachusetts.....	23	71	5.6	5.2	47.5	37.7	79		1	11	59					468	17.63	22.23
Maryland and Virginia.....	5	11	6.0	5.8	50.4	46.0	91					11				362	16.66	18.24
Michigan.....	3	7	5.4	5.4	49.7	46.3	93				1	6				331	15.34	16.45
Minnesota.....	4	12	5.8	5.7	48.0	42.2	87				12					388	16.34	18.62
Missouri.....	5	29	6.0	5.5	50.1	45.0	90				16	4		9		323	14.53	16.18
New Hampshire.....	5	13	6.0	5.8	49.0	45.7	93				10		3			359	16.39	17.69
New Jersey.....	3	5	6.0	6.0	46.0	42.9	93	3		1			1			447	19.18	20.56
New York.....	13	81	5.9	5.6	48.0	44.1	92	17			32	32				457	20.15	21.94
Ohio.....	6	31	5.4	6.3	50.0	38.9	78					31				359	13.94	17.95

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Percent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
			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																							
Closers or seamers, female—Contd.																							
Pennsylvania.....	10	19	6.0	5.8	49.9	46.0	92				1		7	7		4				\$0.361	\$16.58	\$18.01	
Wisconsin.....	6	12	5.2	5.2	49.1	39.6	81						5	7						.431	17.06	21.16	
Total.....	94	359	5.8	5.5	49.3	42.8	87		21		12	1	157	101	12	55				.406	17.35	20.02	
Seam rubbers, hand and machine, male:																							
Massachusetts.....	5	9	5.8	5.9	48.0	45.8	96						9							.431	19.74	20.69	
New York.....	3	3	5.7	5.7	47.3	45.3	96		1				1	1						.551	24.96	26.06	
Pennsylvania.....	2	2	6.0	6.0	52.0	52.0	100									1				.218	11.36	11.34	
Other States.....	5	6	6.0	6.0	48.3	46.4	95		1				3	2						.356	17.17	17.19	
Total.....	15	20	5.8	5.9	48.4	46.5	96		2				13	4		1				.407	18.91	19.70	
Seam rubbers, hand and machine female:																							
Illinois.....	3	4	6.0	6.0	51.2	51.2	100						2		1		1			.358	18.33	18.33	
Maine.....	2	4	6.0	4.8	54.0	36.5	68										4			.307	11.22	16.58	
Massachusetts.....	12	16	5.7	5.3	47.4	38.2	81		1		2		13							.359	13.70	17.02	
Michigan.....	2	2	3.0	3.0	49.0	21.6	44						1	1						.319	6.90	15.63	
Minnesota.....	2	4	6.0	4.8	48.0	37.1	77						4							.300	11.11	14.40	
New Jersey.....	2	2	6.0	6.0	45.3	40.8	90		1			1								.342	13.95	15.49	
Missouri.....	5	13	6.0	5.6	49.4	44.6	90						8	3		2				.304	13.55	15.02	
New York.....	10	12	5.9	5.1	46.5	36.9	79			5			6	1						.344	12.70	16.00	
Ohio.....	5	11	5.4	5.2	50.0	40.0	80													.343	12.72	17.15	

Pennsylvania.....	4	6	6.0	5.7	50.3	46.2	92					2	3		1				.301	13.90	15.14
Wisconsin.....	2	2	6.0	6.0	49.8	41.8	84						2						.462	19.29	23.01
Other States.....	2	2	6.0	5.5	49.0	38.9	79					1	1						.320	12.43	15.68
Total.....	51	78	5.7	5.3	48.8	40.2	82		7	2	1	37	22	1	7	1			.335	13.46	16.35
Lining makers (including lining closers, side, and top facing stitchers), female:																					
Illinois.....	6	95	5.9	5.5	49.4	45.3	92					71		19		5			.394	17.83	19.46
Maine.....	5	68	6.0	5.2	53.5	41.6	78						9		59				.364	15.12	19.47
Massachusetts.....	24	225	5.8	5.5	47.8	41.7	87			13		212							.427	17.81	20.41
Maryland and Virginia.....	5	12	6.0	5.8	50.4	44.4	88						12						.315	13.99	15.88
Michigan.....	3	14	5.7	5.0	49.9	41.4	83					1	13						.292	12.09	14.57
Minnesota.....	4	12	5.8	5.7	48.0	43.1	90					12							.412	17.74	19.78
Missouri.....	5	114	6.0	5.7	50.6	45.3	90					50	22		42				.296	13.43	14.98
New Hampshire.....	5	53	5.7	5.5	49.2	39.8	81					39		14					.406	16.18	19.98
New Jersey.....	4	10	6.0	6.0	47.4	44.2	93		2		3				2				.402	17.75	19.05
New York.....	13	148	5.9	5.2	47.7	39.8	83		25			92	31						.428	17.03	20.42
Ohio.....	5	73	5.8	5.5	50.0	42.1	84						73						.295	12.41	14.75
Pennsylvania.....	11	67	6.0	5.9	50.1	47.8	95					26	28		13				.287	13.70	14.38
Wisconsin.....	6	29	5.1	4.7	48.9	35.9	78					15	14						.396	14.20	19.36
Total.....	96	920	5.9	5.5	49.2	42.5	86		27	13	3	521	202	35	114	5			.374	15.87	18.40
Closers-on, female:																					
Illinois.....	2	3	6.0	6.0	52.5	52.5	100								3				.268	14.06	14.07
Massachusetts.....	4	7	5.3	4.0	47.1	30.6	65												.474	14.52	22.33
Missouri.....	2	2	6.0	6.0	49.0	51.3	105			2		5		1					.369	18.91	18.08
New York.....	3	21	6.0	5.1	48.2	40.6	84					19	2						.484	19.64	23.23
Ohio.....	3	14	5.1	4.4	50.0	30.5	61						14						.382	11.67	19.10
Pennsylvania.....	2	4	6.0	5.8	48.7	46.7	96					3	1						.417	19.47	20.31
Other States.....	5	11	5.3	4.4	52.5	44.9	86					1	2	1	7				.367	16.47	19.27
Total.....	21	62	5.6	5.0	49.5	39.3	79			2		29	20	4	7				.417	16.40	20.64
Top stitchers (including undertrimmers and barber trimmers), male:																					
Maryland and Virginia.....	3	5	6.0	6.0	50.4	50.4	100							5					.556	28.00	28.02
Massachusetts.....	7	25	5.9	5.8	48.2	43.6	90					23	2						.680	29.65	32.78
New York.....	4	12	6.0	5.5	44.7	40.3	90		10				2						.793	32.00	35.45
Pennsylvania.....	3	30	6.0	6.0	48.0	49.7	104					30							.660	32.84	31.68
Other States.....	4	6	5.5	5.3	50.3	42.6	85					3	1		2				.631	26.92	31.74
Total.....	21	78	5.8	5.8	47.9	45.8	96		10			58	8		2				.675	30.92	32.33
Top stitchers (including undertrimmers and barber trimmers), female:																					
Illinois.....	6	55	5.9	5.7	51.1	47.7	93					24		27		4			.431	20.56	22.02
Maine.....	5	76	6.0	5.3	53.6	43.5	81						8		68				.349	15.20	18.71
Maryland and Virginia.....	3	8	6.0	5.4	50.3	44.5	88							8					.384	17.10	19.32
Massachusetts.....	23	302	5.8	5.6	47.7	43.3	91				32	270							.695	25.75	28.38
Michigan.....	3	31	5.4	5.1	49.5	42.3	85					8		23					.317	13.41	15.69

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours															Earnings											
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—															Average earnings per hour	Average earnings made in one week	Average full-time earnings per week						
								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																															
Top stitchers—Continued.																															
Minnesota.....	4	24	6.0	5.4	48.0	41.4	86																					\$0.544	\$22.51	\$26.11	
Missouri.....	5	153	6.0	5.6	50.6	41.7	82																					.360	14.99	18.22	
New Hampshire.....	5	70	6.0	5.6	49.0	42.3	86																					.409	17.30	20.04	
New Jersey.....	4	8	5.9	5.9	47.5	45.5	96		3		2																	.388	17.63	18.43	
New York.....	12	177	5.9	5.6	48.4	45.7	94		16					90	71	3												.507	23.16	24.54	
Ohio.....	6	89	5.8	5.4	50.0	42.9	86								89													.370	15.85	18.50	
Pennsylvania.....	11	76	6.0	5.5	50.5	43.5	86								26	31			19									.410	17.66	20.71	
Wisconsin.....	6	32	5.4	4.8	49.0	37.3	76								15	17												.496	18.49	24.30	
Total.....	93	1,101	5.6	5.5	49.4	43.4	88		19		32	2	577	279	45	143	4											.466	20.22	23.02	
Binders (including top banders), female:																															
Illinois.....	4	12	6.0	5.2	52.7	44.0	83								1			10		1									.311	13.68	16.39
Maine.....	3	33	6.0	5.5	54.0	45.9	85																						.360	16.54	19.44
Maryland and Virginia.....	4	6	6.0	6.0	50.3	48.3	96												6		33								.377	18.23	18.96
Massachusetts.....	14	80	5.9	5.7	47.6	43.8	92				12																		.639	27.96	30.42
Minnesota.....	3	8	5.5	5.5	45.0	44.5	89																						.570	25.35	27.36
Missouri.....	4	44	6.0	5.5	48.0	42.5	89																						.478	20.29	22.94
New Jersey.....	2	3	5.7	5.0	50.2	42.4	84																						.393	16.68	19.73
New York.....	10	70	5.9	5.5	48.5	44.7	92																						.531	23.74	25.75
Ohio.....	5	43	5.9	5.6	49.9	46.1	92			9					26														.326	14.99	16.27
Pennsylvania.....	8	18	6.0	5.8	49.4	46.5	94																						.492	18.69	19.86
Wisconsin.....	4	8	4.9	4.8	49.3	35.9	73								3														.388	13.92	19.13

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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																							
Eyeleters, female—Continued.																							
New Hampshire.....	2	4	6.0	6.0	48.0	47.8	100													\$0.483	\$23.09	\$23.18	
New York.....	10	13	5.9	5.8	48.2	45.0	93		2											.522	23.49	25.16	
Ohio.....	6	13	5.5	4.9	50.0	35.2	70													.443	15.61	22.15	
Pennsylvania.....	7	9	6.0	5.6	50.9	44.9	88													.360	16.17	18.32	
Wisconsin.....	6	12	5.2	4.8	49.3	36.2	73													.454	16.45	22.38	
Total.....	65	113	5.7	5.5	49.1	43.0	88		2		5	1	54	40	2	8	1			.447	19.21	21.95	
Vampers, male:																							
Maine.....	4	11	6.0	5.3	53.3	46.3	87							2			9			.527	24.43	28.09	
Maryland and Virginia.....	3	10	6.0	6.0	50.4	50.3	100							10						.612	30.77	30.84	
Massachusetts.....	19	164	5.8	5.6	48.1	43.6	91							7						.720	31.38	34.63	
Missouri.....	2	6	6.0	5.8	52.0	45.9	88							2			4			.532	24.43	27.06	
New Hampshire.....	5	17	5.8	5.7	48.8	41.7	85										3			.564	23.52	27.52	
New Jersey.....	2	5	6.0	5.8	45.0	41.4	92													.770	31.86	34.05	
New York.....	6	60	6.0	5.8	47.1	45.7	97		3			2		37						.774	35.35	36.46	
Pennsylvania.....	3	11	6.0	5.8	48.2	48.7	101							10						.891	43.37	42.95	
Other States.....	4	12	5.2	5.2	48.2	41.6	86							11						.693	28.83	33.40	
Total.....	48	293	5.8	5.6	48.2	44.3	92		20			2	231	27	3	13				.714	31.66	34.41	
Vampers, female:																							
Illinois.....	6	99	5.9	5.7	49.5	47.3	96													.514	24.32	25.44	
Maine.....	5	44	6.0	5.5	53.1	47.0	89													.500	23.51	26.55	
Maryland and Virginia.....	4	12	6.0	5.6	50.4	45.3	90													.412	18.67	20.76	

Massachusetts	24	226	5.8	5.6	47.6	43.5	91			27		199						681	29.59	32.42
Michigan	3	37	5.9	5.5	49.9	46.4	93					1	36					294	13.65	14.67
Minnesota	4	23	5.8	5.6	48.0	44.2	92					23						572	25.28	27.46
Missouri	5	153	6.0	5.6	51.2	44.4	87					45	41		67			425	18.86	21.76
New Hampshire	5	47	5.7	5.5	48.8	39.2	80					39		8				556	21.82	27.13
New Jersey	4	8	5.9	5.8	46.3	41.9	97		5			1		2				592	26.60	27.41
New York	13	131	5.9	5.7	48.3	46.5	95		10			79	42					525	24.40	25.36
Ohio	6	99	5.7	5.4	49.9	41.1	82					99						448	18.42	22.36
Pennsylvania	10	65	6.0	5.5	50.6	45.3	90					17	31		17			534	24.20	27.02
Wisconsin	6	30	5.4	5.3	49.2	40.4	82					13	26					545	22.01	26.81
Total	95	983	5.8	5.1	49.4	44.3	90		15	27		488	297	37	118	1		529	23.41	26.13
Barrers (including tackers), female:																				
Illinois	4	9	5.9	5.4	50.6	46.0	91					5		2		2		362	16.65	18.32
Maine	4	5	6.0	5.8	53.2	48.5	91						1		4			428	20.78	22.77
Massachusetts	17	36	5.8	5.7	47.8	43.2	90			3		33						427	18.43	20.41
Minnesota	3	3	5.7	5.7	48.0	45.3	94					3						351	15.90	16.85
Missouri	2	4	6.0	5.8	52.5	43.2	82					1			3			239	10.34	12.55
New Hampshire	4	6	6.0	6.0	52.5	45.7	92					4		2				464	21.21	22.97
New York	9	17	5.9	5.8	49.5	46.6	96		1			10	6					434	20.22	21.05
Ohio	4	9	5.3	5.2	50.0	40.4	81					9				2		330	13.84	16.50
Pennsylvania	6	6	6.0	5.2	51.1	42.6	83					1	3					285	11.65	14.56
Wisconsin	4	5	5.4	5.4	49.1	42.6	87					2	3					453	19.29	22.24
Other States	2	2	5.5	5.5	49.0	44.7	91					1	1					249	11.11	12.20
Total	59	102	5.8	5.6	49.2	44.2	90		1	3		60	23	4	9	2		396	17.51	19.48
Tongue stitchers, female:																				
Illinois	4	6	6.0	5.8	49.2	48.0	98					5			1	1		401	19.25	19.73
Maine	3	7	6.0	5.7	50.6	47.5	94						6		1			377	17.92	19.08
Maryland and Virginia	2	2	6.0	6.0	50.3	51.3	102						2					365	18.69	18.36
Massachusetts	14	39	5.6	5.4	47.8	40.6	85			1	1	37						566	23.00	27.05
Michigan	2	5	5.6	5.2	50.0	43.2	86						5					264	11.41	13.20
Minnesota	3	4	6.0	6.0	48.0	46.3	96					4						412	19.08	19.78
Missouri	4	18	6.0	5.6	51.3	46.6	91					4	6		8			273	12.72	14.00
New Hampshire	4	15	6.0	5.9	48.3	46.4	96					14		1				380	17.62	18.35
New York	9	25	5.7	5.4	47.7	41.0	86			4		17	4					484	19.84	23.09
Ohio	3	9	5.4	5.2	50.0	37.1	74					9						286	10.62	14.30
Pennsylvania	5	7	6.0	5.9	51.5	50.2	97					1	3		3			314	15.77	16.17
Wisconsin	5	7	5.6	5.1	49.3	40.1	81					2	5					416	16.71	20.51
Other States	1	1	6.0	6.0	44.0	39.5	90			1								575	22.72	25.30
Total	59	145	5.8	5.5	48.9	43.3	89		4	2	1	84	40	1	12	1		421	18.23	20.59
Fancy stitchers, female:																				
Illinois	5	75	6.0	5.3	50.4	44.1	87					43		30		2		406	17.91	20.46
Maine	5	109	6.0	5.6	53.6	47.6	89						11		98			441	21.01	23.64
Maryland and Virginia	4	12	6.0	5.6	50.5	47.3	94						12					331	15.66	16.72
Massachusetts	21	471	5.9	5.7	47.8	44.6	93			25		446						541	24.11	25.86
Minnesota	4	49	6.0	5.9	48.0	46.1	96					49						412	19.02	19.78
Missouri	5	112	6.0	5.4	49.5	44.3	89					78	10		24			369	17.71	19.75
New Hampshire	5	101	6.0	5.6	49.3	44.0	89					71		30				443	19.49	21.84

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours													Earnings						
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours worked in one week	Average hours actually worked in one week	Percent of full-time hours worked	Number of employees whose full-time hours per week were—										Average earnings per hour	Average earnings made in one week	Average full-time earnings per week				
								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																								
Fancy stitchers, female—Continued.																								
New Jersey.....	2	9	5.6	4.9	49.8	40.2	80								4		5				\$0.427	\$17.16	\$21.26	
New York.....	12	194	5.9	5.6	48.4	45.5	95		13						120	61						.484	22.04	23.43
Ohio.....	5	110	5.9	5.6	49.9	45.9	92									110						.313	14.36	15.62
Pennsylvania.....	9	80	6.0	5.7	49.6	45.5	92								23	54		3				.353	16.06	17.51
Wisconsin.....	4	15	5.5	5.1	49.0	41.5	85								6	9						.449	18.62	22.00
Other States.....	1	1	6.0	6.0	50.0	50.0	100									1						.400	20.00	20.00
Total.....	82	1,338	5.9	5.6	49.1	45.1	92		13		25				840	268	65	125	2			.450	20.67	22.54
Back-stay stitchers (including back strappers), female:																								
Illinois.....	6	27	6.0	5.6	49.5	46.7	94								18		9					.449	20.97	22.23
Maine.....	2	5	6.0	5.9	50.0	46.5	93									5						.407	18.93	20.35
Massachusetts.....	15	54	5.6	5.3	47.8	40.3	84								51							.489	19.71	23.37
Michigan.....	3	7	5.1	4.4	49.4	38.4	78				3				2	5						.387	14.87	19.12
Minnesota.....	3	6	6.0	6.0	48.0	46.6	97								6							.485	22.50	23.28
Missouri.....	5	40	6.0	5.3	51.2	41.9	82								15	6		19				.286	11.99	14.64
New Hampshire.....	4	10	6.0	5.9	48.5	45.6	94									9		1				.472	21.55	22.89
New Jersey.....	3	3	6.0	6.0	47.3	48.8	103		1			1					1					.549	26.79	25.97
New York.....	4	38	5.9	5.4	48.3	43.5	91								33	5						.410	17.81	19.80
Ohio.....	6	25	5.8	4.9	50.0	37.0	74									25						.350	12.95	17.50
Pennsylvania.....	6	25	6.0	5.6	49.5	44.8	91								11	12		2				.476	21.30	23.56

Wisconsin.....	5	15	5.4	5.1	49.5	39.0	79					3	12							397	15.48	19.65
Other States.....	1	1	6.0	6.0	50.5	50.5	100						1							322	16.27	16.26
Total.....	65	256	5.8	5.4	49.2	42.3	86	1	3	1	148	71	11	21						418	17.66	20.87
Table workers, female:																						
Illinois.....	4	18	6.0	5.6	48.3	45.7	95					17		1						431	19.72	20.82
Maine.....	5	42	6.0	5.7	53.5	49.9	93						5		37					292	14.59	15.62
Maryland and Virginia.....	5	25	6.0	5.0	50.3	42.1	84						25							225	9.47	11.32
Massachusetts.....	19	142	5.7	5.4	47.7	40.6	85			3	11		128							355	14.40	16.93
Michigan.....	2	16	5.7	5.7	50.0	45.0	90						16							297	13.36	14.85
Minnesota.....	2	8	6.0	6.0	48.0	45.6	95						8							280	12.78	13.44
Missouri.....	5	132	6.0	5.4	48.5	43.5	90		1			115	6		10					290	12.60	14.07
New Hampshire.....	2	4	6.0	6.0	48.0	47.6	99						4							335	15.94	16.08
New Jersey.....	4	23	5.7	5.7	46.6	47.0	101		10		3	6		4						279	13.13	13.00
New York.....	12	140	5.9	5.7	47.1	43.8	93		49			59	32							319	14.00	15.02
Pennsylvania.....	11	112	6.0	5.7	49.4	46.4	94			1		59	39		13					259	12.03	12.79
Wisconsin.....	6	16	5.3	5.3	49.5	42.3	85					4	12							332	14.02	16.43
Other States.....	1	10	6.0	5.2	50.0	43.4	87						10							190	8.26	9.50
Total.....	77	688	5.9	5.5	48.6	44.0	91	60	3	12	3	400	145	5	60					304	13.38	14.77
Lacers, male:																						
Massachusetts.....	2	3	5.6	5.6	46.8	35.8	77			1			2							340	12.17	15.91
New Hampshire.....	2	6	5.5	5.2	48.0	40.2	84						6							444	17.83	21.31
Other States.....	3	4	6.0	6.0	49.0	47.9	98						2	2						464	22.22	22.74
Total.....	7	13	5.8	5.5	48.0	41.6	87	1				10	2							430	17.87	20.64
Lacers, female:																						
Illinois.....	6	12	6.0	5.8	49.4	47.6	96					9		2		1				426	20.28	21.04
Maine.....	3	4	6.0	5.5	54.0	47.0	87								4					369	17.35	19.93
Maryland and Virginia.....	3	4	6.0	6.0	50.4	48.4	97						4							293	14.20	14.77
Massachusetts.....	18	35	5.8	5.5	47.6	43.0	90			5		30								526	22.61	25.04
Minnesota.....	2	2	6.0	6.0	48.0	48.0	100					2								480	23.03	23.04
Missouri.....	5	19	6.0	5.7	51.7	46.3	90					4	5		10					276	12.78	14.27
New York.....	10	11	5.9	5.4	47.8	43.6	91		2			6	3							472	20.58	22.56
Ohio.....	5	8	5.6	5.4	49.9	41.9	84						8							289	12.09	14.42
Pennsylvania.....	5	5	6.0	5.4	50.2	44.3	88					2	2		1					349	15.46	17.52
Wisconsin.....	4	12	5.8	5.4	49.6	42.8	86					2	10							377	16.15	18.70
Other States.....	3	5	6.0	6.0	47.6	47.6	100		1			3	1							325	15.47	15.47
Total.....	64	117	5.8	5.6	49.3	41.6	90	3	5			58	33	2	15	1				406	18.13	20.02

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—										Average earnings per hour	Average earnings made in one week	Average full-time earnings per week			
								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	
LASTING DEPARTMENT																							
Last pickers or sorters (including last casers), male:																							
Illinois.....	5	17	6.0	5.7	49.8	46.5	93													\$0.475	\$22.08	\$23.66	
Maine.....	5	15	6.0	5.5	52.7	45.7	87							5		10					.450	20.54	23.72
Maryland and Virginia.....	2	2	6.0	5.5	50.0	45.8	92														.307	14.06	15.35
Massachusetts.....	21	87	5.7	5.5	46.6	43.0	92			2	7			75							.462	19.86	21.53
Michigan.....	2	5	4.8	4.2	49.6	35.6	72							1							.362	12.90	17.96
Minnesota.....	4	4	5.8	5.8	48.0	43.7	91							4							.629	27.47	30.19
Missouri.....	5	24	6.0	5.9	50.0	47.3	69							14		3					.491	23.22	24.55
New Hampshire.....	5	8	5.8	5.6	49.1	44.4	91							6		2					.473	20.99	23.22
New Jersey.....	3	4	5.8	5.8	45.6	49.3	108		2					1							.437	21.57	19.93
New York.....	13	42	5.6	5.6	47.4	46.8	99		10					24							.498	23.31	23.61
Ohio.....	5	15	5.9	5.9	49.9	48.3	97									15					.441	21.32	22.01
Pennsylvania.....	7	17	6.0	5.8	48.5	47.4	98									4					.383	18.17	18.58
Wisconsin.....	5	15	5.5	5.1	48.9	31.8	65									8					.323	10.27	15.79
Total.....	82	255	5.8	5.6	48.3	44.4	92		12	2	7	1	157	52	6	17	1				.458	20.34	22.12
Assemblers, for pulling-over machine, male:																							
Illinois.....	5	29	6.0	5.7	49.1	45.1	92														.628	28.34	30.83
Maine.....	4	21	6.0	5.1	52.9	39.2	74							6		15					.546	21.40	28.83
Maryland and Virginia.....	4	10	6.0	5.7	50.4	45.7	91							10							.386	17.65	19.45
Massachusetts.....	16	73	5.8	5.6	47.8	39.3	82			2				59		6					.666	26.19	31.83
Minnesota.....	4	10	5.9	5.9	48.0	43.5	91							10							.689	29.99	33.07
Missouri.....	5	70	5.9	5.8	50.4	40.2	80							35		11					.541	21.75	27.27
New Hampshire.....	5	25	5.4	5.3	49.1	37.1	76							19		6					.529	19.59	25.97

New Jersey	3	9	5.9	5.8	45.3	52.6	116	7				1						493	25.93	22.33
New York	9	59	5.4	5.1	48.5	42.7	88					44	15					531	22.70	25.75
Ohio	6	46	5.6	4.7	50.0	35.9	72					46						508	18.23	25.40
Pennsylvania	9	24	5.9	5.5	50.6	44.8	89					4	15			5		463	20.73	23.43
Wisconsin	5	14	5.5	5.5	49.2	39.3	80					5	9					644	25.32	31.68
Other States	1	6	6.0	5.0	50.0	38.9	78						6					465	18.08	23.25
Total	76	396	5.7	5.4	49.3	40.8	83					201	124	8	44	4		560	22.84	27.01
Assemblers, for pulling-over machine, female:																				
Illinois	2	10	6.0	5.2	53.4	41.1	77							10				239	9.81	12.76
Massachusetts	4	17	5.8	4.8	48.0	30.0	63					17						530	15.92	25.44
Other States	2	6	6.0	6.0	49.9	49.0	98						6					395	19.33	19.71
Total	8	33	5.8	5.2	50.0	36.8	74					17	6	10				399	14.69	19.95
Pullers-over, hand, male:																				
Illinois	3	13	6.0	6.0	52.3	52.2	100					5				8		583	30.47	30.49
Maine	2	8	6.0	5.5	52.0	40.7	78						4			4		664	27.00	34.53
Massachusetts	4	18	5.1	5.1	46.0	41.9	91					12	6					824	34.50	37.90
Other States	5	11	5.9	5.6	49.1	44.8	91						5	6				713	31.96	35.01
Total	14	50	5.7	5.5	49.3	45.0	91					12	16	10		4	8	704	31.69	34.71
Pullers-over, machine, male:																				
Illinois	5	27	6.0	5.7	49.6	44.7	90					19			8			743	33.22	36.85
Maine	3	23	6.0	5.5	53.7	45.5	85						2			21		596	27.12	32.01
Maryland and Virginia	5	11	6.0	5.3	50.4	43.8	87						11					566	24.82	28.53
Massachusetts	21	123	5.8	5.6	48.0	42.0	88					5	112	6				862	36.21	41.38
Michigan	2	9	5.2	5.1	50.0	42.1	84							9				663	28.13	33.40
Minnesota	4	10	5.8	5.8	48.0	42.5	89						10					714	30.39	34.27
Missouri	4	50	6.0	5.8	51.3	41.2	80						16	10		24		757	31.22	38.83
New Hampshire	5	28	5.5	5.4	48.8	38.1	78						23			5		738	28.15	36.01
New Jersey	4	7	5.9	5.9	45.6	45.4	100					5	1					654	29.70	29.82
New York	13	82	5.5	5.1	48.1	41.9	87					9	52	21		1		711	29.82	34.20
Ohio	6	34	5.5	4.6	50.0	34.6	69							34				724	25.04	36.20
Pennsylvania	10	24	6.0	5.8	5.0	48.8	96						4	12		8		610	29.79	31.11
Wisconsin	5	16	5.6	5.4	49.3	41.2	84						5	11				728	29.98	35.89
Total	87	444	5.7	5.5	49.2	41.9	85					14	5	242	116	14	53	744	31.20	36.60
Side lasters, hand, male:																				
Illinois	3	48	6.0	6.0	49.6	49.4	100						37				11	637	31.50	31.60
Maine	3	16	6.0	6.0	51.8	45.7	88							9		7		557	25.45	28.85
Maryland and Virginia	2	3	6.0	6.0	50.0	50.5	101							3				534	26.98	28.70
Massachusetts	8	174	5.8	5.7	48.0	42.6	89						174					737	31.36	35.38
Michigan	2	10	4.3	4.1	48.0	32.0	66						7	3				613	19.60	29.79
Minnesota	4	14	6.0	5.9	48.0	45.0	94						14					568	25.57	27.26
Missouri	2	7	6.0	5.6	48.0	40.3	84							7				673	27.12	32.30
New Jersey	2	12	6.0	5.8	44.0	43.7	99					12						518	22.65	22.79
New York	8	74	5.9	5.8	46.7	43.6	93					32		27	15			746	32.57	84.43

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours												Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—												Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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			
LASTING DEPARTMENT—continued																						
Side lasters, hand, male—Contd.																						
Pennsylvania.....	2	17	4.4	4.4	48.0	27.8	58												\$0.602	\$16.71	\$28.90	
Wisconsin.....	3	11	5.5	5.5	49.8	43.3	87												.611	26.46	30.43	
Total.....	39	386	5.8	5.7	48.1	43.0	89	44						283	41		7	11	.690	29.68	33.19	
Side lasters, machine, male:																						
Illinois.....	3	17	6.0	5.5	50.5	46.0	91							9		8			.617	28.40	31.16	
Maine.....	3	21	6.0	5.5	53.8	47.3	88								1		20		.600	28.36	32.28	
Maryland and Virginia.....	3	6	6.0	6.0	50.4	49.2	98								6				.522	25.65	28.51	
Massachusetts.....	15	104	5.8	5.6	48.0	41.4	86			4				93					.701	28.04	33.65	
Michigan.....	2	5	5.2	5.2	50.0	43.5	87								5				.613	28.67	30.65	
Missouri.....	4	59	6.0	5.8	51.0	46.4	91								18		24		.597	27.74	30.45	
New Hampshire.....	5	35	5.4	5.4	49.2	42.0	81								26				.561	22.45	27.60	
New Jersey.....	2	2	5.5	5.5	49.7	42.0	85								1				.644	27.06	32.01	
New York.....	7	59	5.2	4.9	48.1	40.3	84								14				.640	26.16	31.22	
Ohio.....	4	35	5.9	5.1	50.0	40.1	80	6							39				.556	22.32	27.50	
Pennsylvania.....	8	21	6.0	5.9	51.3	49.9	97								1				.556	27.73	28.52	
Wisconsin.....	3	13	5.4	5.4	49.1	38.9	79								6				.635	24.73	31.18	
Total.....	59	377	5.7	5.5	49.5	42.9	87	6		4				193	105	18	51		.624	26.77	30.89	
Bed-machine operators, male:																						
Illinois.....	5	74	6.0	5.8	49.6	47.1	95							52		20			.745	35.08	36.95	
Maine.....	4	52	6.0	5.2	52.8	43.0	81								15				.645	27.73	34.06	
Maryland and Virginia.....	3	7	6.0	5.7	50.4	43.5	86								7		37	2	.509	22.16	25.65	
Massachusetts.....	23	367	5.8	5.6	47.9	43.1	90			22				331	14				.740	31.87	35.45	

Michigan	3	19	4.9	4.4	49.7	37.2	75					3	16								.662	24.61	32.80	
Minnesota	4	24	5.8	5.8	48.0	42.1	88					24										.795	33.45	38.16
Missouri	5	138	5.9	5.9	51.4	46.4	90					39	31									.659	30.60	33.87
New Hampshire	5	63	5.5	5.4	48.8	40.2	82					52		11		68						.661	26.62	32.26
New Jersey	4	15	5.9	5.8	46.0	47.7	104		10			2		3								.624	29.78	28.70
New York	12	157	5.5	5.3	47.9	44.6	93		23			92	42									.666	29.72	31.90
Ohio	4	46	5.9	5.2	49.9	40.0	80					46										.713	28.50	35.58
Pennsylvania	10	43	5.8	5.8	50.9	47.5	93					8	22			13						.592	28.13	30.13
Wisconsin	5	27	5.7	5.6	49.5	44.8	91					5	22									.712	31.93	35.24
Total	87	1,032	5.8	5.6	49.1	43.9	89		33		22	608	215	34	118	2						.697	30.58	34.22
Hand-method lasting machine operators, male:																								
Massachusetts	2	8	5.8	5.0	48.8	40.0	82						6									.672	26.87	32.79
New York	2	22	6.0	5.7	44.0	44.6	101		22		2											.801	35.77	35.24
Ohio	4	53	5.5	5.2	50.0	41.2	82						53									.651	28.83	32.55
Other States	4	14	6.0	5.3	49.4	41.7	84					10	1			3						.684	28.52	33.79
Total	12	97	5.7	5.3	48.5	42.0	87		22		2	10	60			3						.694	29.10	33.66
Turn lasters, hand (including first and second lasters), male:																								
Maryland and Virginia	3	10	6.0	5.6	50.4	47.7	95					10										.579	27.60	29.18
Massachusetts	5	115	5.5	5.2	47.4	31.0	65					91										.953	29.56	45.17
Missouri	2	52	5.9	5.3	48.0	39.4	82					52										.745	29.36	35.76
New Jersey	2	9	5.8	5.8	50.4	48.1	95								8							.632	30.41	31.85
New York	9	107	5.9	5.4	47.2	42.9	91		32			54	21									.720	30.86	33.98
Ohio	2	48	6.0	5.7	49.6	43.6	88						48									.776	33.85	38.49
Pennsylvania	4	89	5.8	5.7	48.0	50.4	105					89										.823	46.68	44.30
Wisconsin	2	39	5.0	4.9	48.5	39.9	82					30	9									.673	26.83	32.64
Other States	2	27	5.7	5.7	53.1	51.2	96					4				23						.506	25.93	26.87
Total	31	496	5.7	5.4	48.2	41.6	86		33		24	330	78	8	23							.790	32.87	38.08
Turn lasters, machine, male:																								
New York	3	13	5.3	4.7	48.3	44.4	92					11	2									.523	23.23	25.26
Other States	4	13	5.5	4.8	48.7	40.3	83					9	4									.694	27.92	33.80
Total	7	26	5.4	4.8	48.5	42.3	87					20	6									.604	25.57	29.29
Turn sewers, male:																								
Maryland and Virginia	2	3	6.0	6.0	50.3	47.7	95															.611	29.14	30.73
Massachusetts	5	9	5.7	5.7	47.7	42.2	88							1								1.101	46.47	52.52
Missouri	2	3	5.7	5.7	48.0	38.2	80															.810	30.93	38.88
New York	9	14	5.9	5.2	47.0	38.5	82															.920	35.40	43.24
Ohio	3	7	6.0	5.3	49.8	37.0	74		5			6	3									.850	31.45	42.33
Pennsylvania	4	9	5.8	5.8	48.0	48.5	101															.938	45.47	45.02
Wisconsin	2	3	5.3	5.3	48.7	42.5	87															.982	41.74	47.82
Other States	3	15	6.0	6.0	54.3	54.3	100															.580	31.47	31.49
Total	30	63	5.9	5.6	49.3	44.9	91		5		1	28	14	1	7	7						.819	36.84	40.38

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours														Earnings										
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—														Average earnings per hour	Average earnings made in one week	Average full-time earnings per week					
								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										
LASTING DEPARTMENT—continued																													
Tack pullers, hand and machine, male:																													
Illinois.....	8	17	6.0	5.8	50.0	46.5	93							12		1		4							\$0.468	\$21.49	\$23.15		
Maine.....	5	17	6.0	5.4	53.1	44.2	83									4		13											
Massachusetts.....	19	92	5.8	5.5	47.7	39.5	83			1	8			82		1													
Minnesota.....	4	6	5.7	5.7	48.0	38.8	81							6															
Missouri.....	5	29	5.9	5.7	52.0	46.4	89							5		7		17											
New Hampshire.....	5	18	5.7	5.7	48.5	40.8	84							16			2												
New Jersey.....	2	2	6.0	6.0	44.0	46.5	106		2																				
New York.....	12	72	5.5	5.3	47.6	42.2	89		14					43		15													
Ohio.....	3	20	5.9	5.3	50.0	42.2	84								20														
Pennsylvania.....	8	20	6.0	6.0	50.0	48.0	96							9		7		4											
Wisconsin.....	5	14	5.5	5.0	49.1	35.9	73							6		8													
Other States.....	2	7	5.1	5.1	50.1	42.1	84									7													
Total.....	75	314	5.7	5.4	48.9	42.1	86			16	1	8		179	69	3	34	4							438	18.44	21.42		
Tack pullers, hand and machine, female:																													
All States.....	2	7	6.0	6.0	50.0	47.0	94							5				2											
BOOTING DEPARTMENT																													
Goodyear welters (including in-seamers), male:																													
Illinois.....	3	14	5.7	5.6	48.0	44.8	93							14															
Maine.....	4	10	6.0	5.1	51.6	34.0	47									6		4											

Maryland and Virginia.....	2	3	6.0	6.0	50.2	47.0	94													728	34.11	36.55
Massachusetts.....	18	118	5.8	5.7	47.8	39.8	83		8		109	1								1,069	42.57	51.10
Michigan.....	3	4	4.5	4.5	49.5	31.9	64				1	3								913	29.13	45.19
Minnesota.....	4	9	5.3	5.3	48.0	36.8	77				9									986	36.26	47.33
Missouri.....	4	25	5.6	5.6	52.1	42.7	82				6	3		16						832	35.49	43.35
New Hampshire.....	4	21	5.6	5.6	48.0	37.8	79				21									877	33.19	42.10
New Jersey.....	2	4	6.0	6.0	44.0	44.3	101		4											934	41.33	41.10
New York.....	11	61	5.1	5.0	48.0	38.1	79		9		34	18								872	33.28	41.86
Ohio.....	3	15	6.0	5.2	49.9	41.5	83				9	15								720	29.90	35.93
Pennsylvania.....	9	25	6.0	5.8	50.3	44.5	88				7	13		5						709	31.57	35.66
Wisconsin.....	5	9	5.6	5.4	49.4	42.1	85				2	7								920	38.70	45.45
Total.....	72	318	5.6	5.5	48.7	39.8	82		13		203	69		25						940	37.40	45.78
Walt beaters and slashers, male:																						
Illinois.....	2	6	6.0	5.8	48.0	46.3	96				6									723	33.50	34.70
Maine.....	3	3	6.0	4.7	52.7	30.9	59					1		2						300	9.26	15.81
Massachusetts.....	16	28	5.8	5.8	47.7	42.2	88			3	25									603	25.41	28.76
Michigan.....	2	4	4.8	4.8	49.5	36.0	73				1	3								549	19.75	27.18
Minnesota.....	2	2	4.0	4.0	48.0	28.5	59				2									516	24.77	14.71
Missouri.....	4	9	5.9	5.9	51.6	45.5	88				3	1		5						528	24.06	27.24
New Hampshire.....	4	9	5.8	5.8	48.0	42.6	89				9									549	23.41	26.35
New Jersey.....	2	2	6.0	6.0	44.0	49.0	111		2											414	20.29	18.22
New York.....	9	19	5.3	5.2	47.9	39.8	83		3			11	5							530	21.09	25.39
Ohio.....	3	6	5.8	5.0	49.9	37.4	75					6								520	19.47	25.95
Pennsylvania.....	6	8	6.0	5.9	51.4	49.1	96					1	4	3						380	18.64	19.53
Wisconsin.....	5	5	5.6	5.6	49.5	42.3	85				1	4								435	18.43	21.53
Total.....	58	101	5.7	5.5	48.8	41.9	86		5		3	59	24		10					538	22.53	26.25
Bottom fillers, hand and machine, male:																						
Illinois.....	3	9	6.0	5.9	50.6	52.4	104				5		4							421	22.06	21.30
Maine.....	3	4	6.0	5.0	52.0	37.6	72					2		2						421	15.84	21.89
Massachusetts.....	15	31	5.8	5.8	47.8	43.1	90			3	27	1								587	25.32	28.05
Minnesota.....	3	3	4.3	4.3	48.0	32.5	68				3									614	19.95	29.47
Missouri.....	5	10	5.9	5.6	51.8	46.7	90				3	1		6						531	24.79	27.51
New Hampshire.....	3	4	5.5	5.5	48.0	39.2	82				4									470	18.40	22.56
New Jersey.....	2	2	6.0	6.0	44.0	44.0	100													505	22.20	22.22
New York.....	10	24	5.5	5.5	47.8	43.7	91		2			11	8							604	23.33	28.87
Ohio.....	3	6	5.8	5.2	49.9	39.1	78		5				6							374	14.70	18.76
Pennsylvania.....	8	15	6.0	5.8	50.6	44.7	88					6		5						395	17.67	19.09
Wisconsin.....	6	6	5.5	5.5	49.6	42.5	86					1								351	23.39	27.33
Other States.....	2	6	5.3	5.2	50.2	41.7	83					6								396	16.51	19.88
Total.....	63	120	5.7	5.6	49.1	43.6	89		7		3	60	33	4	13					516	22.49	25.34

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours														Earnings					
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Percent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week	
			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							
BOTTOMING DEPARTMENT—contd.																								
Sole cementers, hand and machine (including bottom cementers), male:																								
Illinois.....	5	7	6.0	5.7	50.1	46.3	92								4		3					\$0.423	\$19.57	\$21.19
Massachusetts.....	17	27	5.7	5.7	47.7	43.9	92								24							.458	20.08	21.85
Michigan.....	2	3	4.7	4.7	49.3	34.0	69				3				1		2					.461	15.69	22.73
Minnesota.....	2	3	5.7	5.7	48.0	46.8	98								3							.469	21.95	22.51
Missouri.....	4	8	6.0	6.0	49.8	45.9	92								5		1		2			.457	20.99	22.76
New Hampshire.....	3	3	5.7	5.7	48.0	43.5	91								3							.382	16.61	18.34
New York.....	7	20	5.2	5.1	48.1	41.2	88		3						10		7					.456	18.81	21.93
Ohio.....	6	13	5.2	5.2	50.0	38.7	77								1	13						.489	18.92	24.45
Pennsylvania.....	7	10	6.0	5.9	51.5	49.6	96								1	5		4				.363	18.02	18.69
Wisconsin.....	2	6	6.0	4.8	49.0	37.3	78								3	3						.432	16.09	21.17
Other States.....	1	1	6.0	6.0	50.5	50.5	100								3	1						.359	18.15	18.13
Total.....	56	101	5.6	5.5	48.9	43.0	88		3		3				54		32	3	6			.433	18.64	21.17
Sole cementers, hand and machine (including bottom cementers), female:																								
Maine.....	2	2	6.0	5.0	52.0	39.5	76									1		1				.420	16.58	21.84
Massachusetts.....	2	2	5.5	5.5	48.0	44.9	94								2							.420	18.35	20.16
Missouri.....	3	8	5.8	5.8	51.0	49.6	97								4				4			.379	18.33	19.33
Other States.....	2	2	6.0	6.0	50.9	36.7	72								1		1					.228	8.36	11.61
Total.....	9	14	5.8	5.6	50.7	45.7	90								7		1	1	1	4		.373	17.01	18.91

Sole layers, hand, male:

Illinois	2	8	6.0	6.0	53.3	54.0	101					2						6			.319	17.24	17.00
Ohio	3	10	5.2	4.6	50.0	34.0	68						10								.579	19.70	28.95
Other States	4	8	5.9	5.0	52.0	38.6	74							3				5			.531	20.46	27.61
Total	9	26	5.7	5.2	51.6	41.6	81					2	13					5	6		.461	19.18	23.79

Sole layers, machine, male:

Illinois	4	13	6.0	5.4	50.9	45.0	88					6										.523	23.54	26.62
Maine	3	12	6.0	5.8	53.3	43.3	81						2									.553	23.95	29.47
Maryland and Virginia	2	5	6.0	5.8	50.5	45.7	90															.399	18.24	20.15
Massachusetts	22	75	5.7	5.6	47.8	41.1	86				8											.641	26.33	30.64
Michigan	2	5	4.6	4.6	49.2	33.0	67															.675	22.28	33.21
Minnesota	3	4	6.0	5.8	48.0	41.8	87															.677	28.30	32.50
Missouri	4	21	6.0	5.7	50.0	43.2	86															.668	28.84	33.40
New Hampshire	5	12	5.6	5.5	48.8	40.0	82															.575	23.02	28.06
New York	12	33	5.4	5.3	47.6	43.0	90				8											.662	28.49	31.51
Ohio	2	9	5.7	5.0	49.9	37.6	75															.504	18.91	25.15
Pennsylvania	11	15	5.9	5.9	50.2	47.0	94															.595	27.96	29.87
Wisconsin	5	6	5.5	5.5	49.3	41.1	83															.590	24.28	29.09
Other States	1	1	6.0	6.0	44.0	44.0	100				1											1.091	48.00	47.96
Total	76	211	5.7	5.4	48.9	42.1	86					9	8					118	49	9	18	.618	26.02	30.22

Rough rounders, male:

Illinois	3	11	6.0	5.4	48.0	44.8	93																1.030	46.17	49.44
Maine	4	5	6.0	5.0	51.6	30.5	59																.844	25.76	43.55
Maryland and Virginia	2	2	6.0	6.0	50.3	38.0	76																.710	27.00	35.71
Massachusetts	20	62	5.7	5.7	47.9	40.8	85																.975	39.82	46.70
Michigan	2	3	5.0	5.0	49.3	42.8	87																.824	35.30	40.62
Minnesota	4	6	5.3	5.0	48.0	34.2	71																.869	29.76	41.71
Missouri	4	18	5.9	5.9	52.0	46.1	89																.799	36.83	41.55
New Hampshire	4	13	5.7	5.7	48.0	39.9	83																.772	30.79	37.06
New Jersey	2	3	6.0	6.0	44.0	42.0	95																1.018	42.78	44.79
New York	11	41	5.3	5.0	47.9	42.5	89																.843	35.84	40.38
Ohio	3	13	5.8	5.2	49.9	37.6	75																.645	24.26	32.19
Pennsylvania	9	16	5.9	5.8	50.5	46.1	91																.619	28.48	31.29
Wisconsin	5	9	5.6	5.6	49.2	43.5	88																.738	32.11	36.21
Total	73	202	5.7	5.5	48.7	41.7	86					11	4					118	52	17		.851	35.47	41.44	

Channel openers and channel closers
(including channel layers, chan-
nel turners, channel cementers,
lip turners), male:

Illinois	5	19	6.0	5.8	48.8	47.5	97																	.567	26.95	27.67
Maine	3	13	6.0	5.4	53.4	38.5	72																	.473	18.22	25.26
Massachusetts	19	69	5.8	5.6	47.6	41.4	87																	.504	20.90	23.99
Minnesota	4	8	5.5	5.5	48.0	41.8	87																	.411	17.18	19.73
Missouri	5	22	5.9	5.3	50.5	42.8	85																	.420	17.97	21.21
New Hampshire	4	15	5.6	5.5	48.0	41.9	86																	.361	15.14	17.65
New York	11	34	5.8	5.5	47.4	42.3	89																	.578	24.47	27.40
Ohio	5	18	5.6	5.1	49.9	38.1	76																	.486	18.51	24.25

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours													Earnings				
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—											Average earnings per hour	Average earnings made in one week	Average full-time earnings per week	
								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
BOTTOMING DEPARTMENT—contd.																						
Channel openers and closers, male—Continued																						
Pennsylvania.....	8	18	5.9	5.6	51.0	48.3	95													\$0.346	\$16.71	\$17.65
Wisconsin.....	4	5	5.4	5.4	49.5	44.7	90													.455	20.34	22.52
Other States.....	3	5	6.0	5.8	48.0	45.9	96		1											.514	23.58	24.67
Total.....	71	226	5.8	5.5	48.9	42.5	87		13	1	7		125	50	6	24				.482	20.51	23.57
Channel openers and channel closers (including channel layers, channel turners, channel cementers, lip turners), female:																						
All States.....	4	10	5.9	5.5	50.8	43.9	86							8	2					.253	11.12	12.85
Goodyear stitchers, male:																						
Illinois.....	3	26	6.0	5.8	48.0	47.4	99						26							.922	43.70	44.26
Maine.....	4	13	6.0	4.8	51.8	34.8	67							7						.622	21.64	32.22
Massachusetts.....	21	159	5.7	5.7	47.9	41.9	87						143	5		6				.884	37.04	42.34
Michigan.....	3	8	4.9	4.9	49.8	39.5	79			11				1						.733	28.95	36.50
Minnesota.....	4	13	5.8	5.6	48.0	41.9	87							13						.746	31.24	35.81
Missouri.....	4	59	5.9	5.7	51.9	47.2	91							11	14		34			.606	28.60	31.45
New Hampshire.....	4	38	5.5	5.4	48.0	37.6	78													.718	27.02	34.46
New Jersey.....	2	4	6.0	6.0	44.0	43.6	99			4										.946	41.26	41.62
New York.....	11	88	5.6	5.3	48.0	43.1	90			14										.800	34.44	38.40
Ohio.....	3	16	5.8	5.0	49.9	33.2	67													.682	22.62	34.03
Pennsylvania.....	10	36	5.8	5.8	50.8	45.4	89							9	16		11			.616	27.95	31.29
Wisconsin.....	5	19	5.9	5.7	49.2	43.4	88							7	12					.757	32.87	37.24

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours													Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—													Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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				
BOTTOMING DEPARTMENT—contd.																							
Heelers, leather, male:																							
Illinois.....	6	20	6.0	6.0	50.3	47.7	95													\$0.813	\$38.76	\$40.89	
Maine.....	5	23	6.0	5.4	53.5	40.4	76													.725	29.29	38.79	
Maryland and Virginia.....	4	4	5.8	5.8	50.3	46.0	92													.564	25.94	28.37	
Massachusetts.....	24	69	5.7	5.6	48.0	39.9	83			3										.915	36.43	43.92	
Michigan.....	3	5	4.8	4.8	49.6	42.1	85													.727	30.69	36.06	
Minnesota.....	4	8	5.6	5.5	48.0	45.9	96													.654	30.00	31.39	
Missouri.....	5	23	5.9	5.9	51.0	42.7	84													.737	31.45	37.59	
New Hampshire.....	4	19	5.4	5.3	48.9	37.9	77													.842	31.87	41.17	
New Jersey.....	4	6	5.4	5.7	47.1	40.9	87		3											.614	25.10	28.92	
New York.....	13	48	5.6	5.6	47.7	43.6	91		9											.750	32.66	35.78	
Ohio.....	6	23	5.9	5.1	49.9	35.9	72													.673	24.14	33.58	
Pennsylvania.....	11	20	5.9	5.9	48.0	48.0	98													.615	29.52	30.69	
Wisconsin.....	4	10	5.3	5.4	48.8	40.8	84													.771	31.44	37.62	
Total.....	93	278	5.7	5.6	49.2	40.5	82		12		3		149	67	12	33	2			.771	32.27	37.93	
Heelers, wood, male:																							
Maine.....	3	7	6.0	5.6	53.4	43.4	81													.448	19.44	23.92	
Massachusetts.....	9	103	5.8	5.5	47.4	41.2	87													.753	31.00	35.69	
Minnesota.....	2	11	5.8	6.0	48.0	55.7	116													.648	36.09	31.10	
Missouri.....	3	88	5.8	5.1	48.0	37.8	79													.749	28.29	35.95	
New Jersey.....	2	7	6.0	6.0	48.5	48.0	99													.545	28.21	26.43	
New York.....	9	81	5.9	5.3	47.0	39.5	84													.704	27.78	33.09	
Ohio.....	3	72	6.0	5.8	49.9	50.9	102		26											.604	30.77	30.14	

Pennsylvania.....	2	23	6.0	6.0	48.0	51.2	107					23							.683	34.96	32.78
Other States.....	4	8	5.9	5.1	50.1	42.7	85					4	2	2					.709	30.31	35.52
Total.....	37	400	5.9	5.5	48.1	43.0	89		26		22		253	90	3	6			.692	29.78	33.29
Heel trimmers or shavers, male:																					
Illinois.....	5	13	6.0	5.8	49.0	45.5	93					11		1		1			.953	43.38	46.70
Maine.....	5	14	6.0	5.6	53.4	43.5	81						2		12				.602	26.19	32.15
Maryland and Virginia.....	5	5	6.0	6.0	50.3	52.1*	104						5						.523	27.27	26.31
Massachusetts.....	22	59	5.7	5.7	47.9	43.2	90				5		4						.952	39.55	45.60
Minnesota.....	4	4	5.3	5.3	48.0	39.9	83					4							.654	26.11	31.39
Missouri.....	5	17	5.9	5.3	51.3	41.5	81					5	4		8				.661	27.43	33.91
New Hampshire.....	5	10	5.4	5.4	48.9	37.1	76					8		2					.743	27.55	36.33
New Jersey.....	4	5	5.2	5.2	46.3	42.8	92		3			1		1					.768	32.84	35.56
New York.....	12	33	5.4	5.3	47.6	40.4	85		7			18	8						.836	33.77	39.79
Ohio.....	6	19	5.5	4.8	49.9	34.8	70						19						.653	22.69	32.58
Pennsylvania.....	11	14	5.9	5.9	50.3	46.2	92						5	6		3			.690	31.89	34.71
Wisconsin.....	6	10	5.4	5.5	49.2	38.6	78						4	6					.799	30.84	39.31
Other States.....	1	3	5.0	5.0	50.0	38.0	76							3					.701	26.65	35.05
Total.....	91	206	5.7	5.5	49.1	41.3	84		10		5		106	57	4	23	1		.799	32.97	39.23
Heel breasters, male:																					
Illinois.....	5	7	6.0	5.9	49.5	44.8	91					5		2					.654	29.28	32.37
Maine.....	5	5	6.0	5.6	52.4	42.2	81						2		3				.535	22.59	28.05
Massachusetts.....	21	41	5.8	5.4	47.8	39.4	82				4		35	2					.651	25.66	31.12
Minnesota.....	3	3	5.7	5.7	48.0	41.8	87						3						.630	26.32	30.24
Missouri.....	5	15	5.9	5.8	51.3	45.6	89						4	4		7			.427	19.45	21.91
New Hampshire.....	5	8	5.8	5.8	49.1	41.2	84						6		2				.551	22.73	27.05
New Jersey.....	2	2	6.0	6.0	44.0	44.0	100		2										.571	25.11	25.12
New York.....	12	20	5.8	5.5	47.8	40.6	85		4				10	6					.682	27.65	32.60
Ohio.....	6	7	5.6	4.9	50.0	39.1	78							10	46				.524	19.76	28.20
Pennsylvania.....	7	7	5.9	5.6	50.1	42.7	85						2	4		1			.463	19.76	28.20
Wisconsin.....	3	4	5.5	5.5	48.9	43.3	89						2	2					.652	28.19	31.88
Other States.....	2	3	6.0	5.0	50.2	42.0	84							3					.530	22.27	26.01
Total.....	76	125	5.8	5.5	48.9	41.3	84		6		4		67	33	4	11			.590	24.39	28.85
Edge trimmers, male:																					
Illinois.....	6	37	6.0	5.6	49.7	44.4	89					25		11		1			.846	37.60	42.05
Maine.....	5	43	6.0	5.7	53.2	45.1	85						9						.566	25.53	30.11
Maryland and Virginia.....	5	12	6.0	5.9	50.4	50.7	101							12		34			.518	26.29	26.11
Massachusetts.....	24	208	5.8	5.7	47.8	43.2	90				19		182	7					.884	38.18	42.26
Michigan.....	3	8	4.9	4.9	49.8	37.6	76						1	7					.773	29.07	38.50
Minnesota.....	4	11	5.6	5.5	42.5	48.0	113						11						.707	30.02	33.94
Missouri.....	5	65	5.9	5.9	50.3	44.4	88						29	16		20			.709	31.50	35.66
New Hampshire.....	5	39	5.7	5.6	48.9	39.9	82						31		8				.735	29.34	35.04
New Jersey.....	4	6	5.8	5.8	47.1	54.5	116		3				1		2				.833	45.37	39.23
New York.....	13	110	5.4	5.2	48.0	41.4	86		15				65	30					.783	32.40	37.58
Ohio.....	6	57	5.6	5.1	50.0	38.7	77							57					.641	24.78	32.05

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	Average number of days—		Hours														Earnings					
			Of work in the occupation in one week	Worked by employ-ees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—														Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
								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					
BOTTOMING DEPARTMENT—contd.																								
Edge trimmers, male—Continued.																								
Pennsylvania.....	11	39	5.7	5.8	50.1	47.0	94													\$0.662	\$31.10	\$33.17		
Wisconsin.....	6	21	5.5	5.5	49.3	40.7	83														.836	34.03	41.21	
Total.....	97	656	5.7	5.6	49.0	42.9	88		18		19			366	170	21	61	1			.770	33.04	37.73	
Sluggers, male:																								
Massachusetts.....	7	7	5.4	5.4	47.6	41.3	87				1			6							.610	25.20	29.04	
Missouri.....	2	2	5.5	5.5	45.0	34.8	72							2							.595	20.70	28.56	
New Jersey.....	2	2	6.0	6.0	44.0	45.5	103		2												.693	31.51	30.49	
New York.....	6	8	5.9	5.9	47.0	44.0	94		3					3	2						.577	25.34	27.12	
Ohio.....	2	5	5.8	5.8	50.0	46.0	92							5							.445	20.48	22.25	
Pennsylvania.....	4	4	6.0	6.0	50.0	43.5	87							2	1		1				.480	20.89	24.00	
Other States.....	3	4	5.5	5.5	49.5	47.6	96							1	3						.612	29.13	30.29	
Total.....	26	32	5.7	5.7	48.2	43.6	90		5		1			14	11		1				.563	24.56	27.14	
FINISHING DEPARTMENT																								
Buffers (including bottom scourers), male:																								
Illinois.....	6	27	6.0	5.4	51.2	44.3	87							13		7		7			.558	24.73	28.57	
Maine.....	5	23	6.0	5.6	53.5	43.3	81							3		20					.522	22.69	27.93	
Maryland and Virginia.....	5	8	5.9	5.9	50.4	50.5	100														.503	25.41	25.35	
Massachusetts.....	24	71	5.8	5.5	47.9	41.4	86				4			63	4						.740	30.61	35.45	
Michigan.....	2	4	4.8	4.5	49.5	34.3	69							1	3						.673	23.07	33.31	
Minnesota.....	4	9	5.7	5.6	48.0	41.9	87							9							.585	24.52	28.08	

Missouri	5	33	5.9	5.8	49.9	45.6	91					18	7							.649	29.62	32.39
New Hampshire	5	19	5.4	5.1	49.7	39.5	79					12		7						.535	21.11	26.59
New Jersey	4	6	5.8	5.8	45.9	43.3	94		4			1		1						.498	21.58	22.86
New York	13	58	5.4	5.3	47.9	40.7	85		10			32	16							.669	27.22	32.05
Ohio	5	44	5.7	5.4	50.0	42.4	85						44							.540	23.26	27.45
Pennsylvania	10	34	5.9	5.8	50.0	46.5	93						15	13						.528	24.57	26.40
Wisconsin	6	11	5.5	5.5	49.2	43.5	88					4		7						.729	31.71	35.87
Total	94	347	5.7	5.5	49.4	42.8	87		14		4	168	105	15	34	7				.618	26.43	30.53
Edge setters, male:																						
Illinois	6	39	6.0	5.7	49.7	44.5	91					28		7	8					.796	35.38	39.56
Maine	5	41	6.0	5.6	53.3	44.4	83							7		34				.558	24.79	29.74
Maryland and Virginia	5	11	6.0	5.8	50.4	46.2	92							11						.558	25.77	28.12
Massachusetts	24	198	5.8	5.7	47.8	43.1	90				15	176	7							.872	37.64	41.68
Michigan	3	9	4.9	4.9	49.8	35.1	70					1		8						.717	26.18	35.71
Minnesota	4	14	5.7	5.6	48.0	41.3	86					14								.643	26.65	30.86
Missouri	5	58	5.9	5.6	50.5	41.9	83					30		6		22				.742	31.13	37.47
New Hampshire	5	30	5.6	5.4	48.6	37.8	78					26			4					.715	27.04	34.75
New Jersey	4	12	5.9	5.9	45.5	46.2	102		9			1			2					.711	32.86	32.35
New York	13	110	5.3	5.1	48.1	38.9	81		14			62	34							.717	27.92	34.49
Ohio	6	58	5.6	5.4	49.9	40.0	80							58						.697	27.88	34.78
Pennsylvania	11	47	5.9	5.7	50.2	45.7	91						19	17		11				.636	29.05	31.93
Wisconsin	6	21	5.5	5.4	49.2	42.1	86						7	14						.791	33.30	38.92
Total	97	648	5.7	5.5	49.0	42.1	86		23		15	364	162	14	67	3				.752	31.63	36.85
Heel scourers (including first and second scourers), male:																						
Illinois	5	20	6.0	5.7	48.8	44.5	91					17			3					.681	30.32	33.23
Maine	5	28	6.0	5.5	53.4	42.9	80							4		24				.494	21.20	26.38
Maryland and Virginia	4	7	6.0	6.0	50.3	50.2	100							7						.411	20.62	20.67
Massachusetts	23	92	5.8	5.7	48.0	41.6	87				4	84	4							.774	32.17	37.15
Michigan	3	7	4.0	4.0	49.7	37.5	75							6						.622	23.33	30.91
Minnesota	4	10	5.4	5.4	48.0	39.7	83					10								.583	23.18	27.98
Missouri	5	36	5.9	5.7	51.2	45.5	89					10		10		16				.507	23.07	25.96
New Hampshire	5	23	5.7	5.4	48.8	38.7	79					19			4					.530	22.44	28.30
New Jersey	4	6	5.8	5.8	45.9	47.1	103					1			1					.626	29.45	28.73
New York	12	74	5.3	5.1	47.9	40.6	85		4					18						.599	24.33	28.69
Ohio	6	20	5.5	5.2	50.0	38.4	77		11			45	20							.547	21.00	27.35
Pennsylvania	11	19	5.9	5.9	50.3	48.1	96						6	9		4				.578	27.79	29.07
Wisconsin	6	16	5.4	5.4	49.2	40.7	83						6	10						.705	28.67	34.69
Total	93	358	5.7	5.5	49.1	42.1	86		15		4	199	88	8	44					.626	26.34	30.74
Heel burnishers (including stoners, expeditors, heel slickers), male:																						
Illinois	5	14	6.0	5.9	49.5	44.3	89					10			4					.697	30.86	34.50
Maine	5	17	6.0	5.6	52.8	45.0	85							5		12				.485	21.85	25.61
Maryland and Virginia	4	5	6.0	6.0	50.3	51.5	102							5						.505	25.96	25.40
Massachusetts	21	61	5.8	5.6	47.9	40.8	85				3	56	2							.703	28.69	33.67
Michigan	2	4	4.8	4.5	49.5	32.5	66					1		3						.510	16.58	25.25
Minnesota	3	5	5.2	5.2	48.0	38.8	81					5								.678	28.31	32.54

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of estab- lish- ments	Number of em- ploy- ees	Average number of days—		Hours													Earnings			
			Of work in the oc- cupa- tion in one week	Work- ed by em- ploy- ees in one week	Average full- time hours per week	Average hours actu- ally work- ed in one week	Per- cent of full- time hours work- ed	Number of employees whose full-time hours per week were—										Average earn- ings per hour	Average earn- ings made in one week	Average full- time earn- ings per week	
								Un- der 44	44	Over 44 and un- der 45	45	Over 45 and un- der 48	48	Over 48 and un- der 51	51 and un- der 54	54	Over 54 and un- der 57				57 and un- der 60
FINISHING DEPARTMENT—continued																					
Heel burnishers, male—Continued.																					
Missouri.....	5	22	5.9	5.6	51.2	44.6	87	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	\$0.486	\$21.65	\$24.88
New Hampshire.....	5	22	5.8	5.7	48.8	44.6	91	-----	-----	-----	18	-----	-----	4	-----	-----	-----	-----	.583	25.98	28.45
New Jersey.....	3	3	5.7	5.7	45.3	44.3	98	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	.847	37.50	38.37
New York.....	13	44	5.6	5.5	48.1	43.9	91	-----	6	-----	-----	23	-----	15	-----	-----	-----	-----	.568	24.91	27.32
Ohio.....	5	28	5.5	5.3	50.0	40.6	81	-----	-----	-----	-----	-----	28	-----	-----	-----	-----	-----	.492	19.94	24.60
Pennsylvania.....	10	19	5.9	5.6	50.7	46.2	91	-----	-----	-----	-----	6	-----	7	-----	6	-----	-----	.476	21.98	24.13
Wisconsin.....	5	8	5.5	5.5	49.2	43.0	87	-----	-----	-----	-----	3	-----	5	-----	-----	-----	-----	.733	31.60	36.06
Total.....	86	252	5.7	5.6	49.3	43.0	87	-----	8	-----	3	-----	130	75	8	23	-----	-----	.587	25.26	28.94
Brushers, male:																					
Illinois.....	6	25	6.0	5.9	50.1	49.2	98	-----	-----	-----	-----	17	-----	2	-----	6	-----	-----	.332	16.34	16.63
Maine.....	5	29	6.0	5.6	53.2	47.3	89	-----	-----	-----	-----	-----	6	-----	23	-----	-----	-----	.507	23.97	26.97
Maryland and Virginia.....	4	7	6.0	6.0	50.4	52.6	104	-----	-----	-----	-----	-----	7	-----	-----	-----	-----	-----	.461	24.25	23.23
Massachusetts.....	15	39	5.8	5.7	47.9	43.3	90	-----	-----	2	-----	36	-----	1	-----	-----	-----	-----	.523	22.55	25.05
Minnesota.....	4	9	5.7	5.1	48.0	37.4	78	-----	-----	-----	-----	9	-----	-----	-----	-----	-----	-----	.557	20.83	26.74
Missouri.....	4	26	5.9	5.3	51.2	43.9	86	-----	-----	-----	-----	9	-----	5	12	-----	-----	-----	.452	19.82	23.14
New Hampshire.....	5	24	5.8	5.6	48.6	43.7	90	-----	-----	-----	21	-----	3	-----	-----	-----	-----	-----	.458	20.02	22.26
New Jersey.....	2	2	6.0	6.0	44.0	44.0	100	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	.352	15.50	15.49
New York.....	13	87	5.6	5.2	47.7	41.7	87	-----	17	-----	-----	51	-----	19	-----	-----	-----	-----	.598	24.91	28.52
Ohio.....	4	19	5.3	5.2	53.0	41.5	83	-----	-----	-----	-----	-----	19	-----	-----	-----	-----	-----	.414	17.15	20.70
Pennsylvania.....	8	13	5.8	5.8	50.2	46.8	93	-----	-----	-----	-----	5	-----	5	3	-----	-----	-----	.375	17.53	18.83
Wisconsin.....	6	13	5.5	5.5	49.6	44.2	89	-----	-----	-----	-----	2	-----	11	-----	-----	-----	-----	.587	25.91	29.12
Other States.....	1	1	5.0	5.0	50.0	45.0	90	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	.385	15.39	19.25
Total.....	77	294	5.7	5.5	49.2	43.9	89	-----	19	-----	2	-----	150	74	5	38	6	-----	.499	21.92	24.55

Brushers, female:																										
Maine.....	3	16	6.0	5.6	54.0	45.3	84												16				.521	23.59	28.13	
Massachusetts.....	5	7	5.3	5.3	46.7	36.5	78			3		4							1				.427	15.62	19.94	
Missouri.....	2	6	6.0	5.3	49.0	43.7	89					5											.287	12.53	14.06	
Other States.....	2	9	5.3	5.0	48.0	43.1	90					9											.423	18.21	20.30	
Total.....	12	38	5.4	5.3	50.4	42.9	85			3		18							17				.445	19.10	22.43	
Shoe cleaners, male:																										
Maine.....	4	10	6.0	5.9	52.8	45.6	86					3											.443	20.20	23.39	
Maryland and Virginia.....	3	12	6.0	4.3	50.0	35.3	71			1		11											.290	10.24	14.60	
Massachusetts.....	10	14	5.7	5.1	47.7	34.8	73			2		11											.443	15.42	21.13	
Minnesota.....	2	3	4.7	4.7	48.0	37.7	79					3											.378	14.25	18.14	
Missouri.....	2	5	5.9	5.2	49.6	43.3	87					1											.440	19.05	21.82	
New York.....	9	47	6.0	5.8	47.8	47.7	100			11		18											.450	21.44	21.51	
Ohio.....	2	6	5.2	5.2	49.9	41.7	84					6											.518	21.63	25.85	
Pennsylvania.....	5	17	6.0	5.8	48.8	46.9	96					12											.326	15.28	15.91	
Other States.....	1	1	6.0	6.0	44.0	48.5	110			1													.412	19.84	18.13	
Total.....	38	115	5.9	5.5	48.8	43.8	90			12		45							47				.416	18.22	20.30	
Shoe cleaners, female:																										
Illinois.....	4	13	6.0	5.4	50.3	43.3	86					8												.324	14.05	16.30
Maine.....	3	17	6.0	3.8	53.5	32.9	61						2							4				.318	10.47	17.01
Maryland and Virginia.....	2	2	6.0	4.0	50.5	34.3	68						2							15				.257	8.80	12.96
Massachusetts.....	7	26	5.5	5.1	46.5	40.9	88																	.411	16.80	19.11
Minnesota.....	2	10	5.9	5.4	48.0	45.2	94					13												.283	12.80	13.55
Missouri.....	4	20	6.0	5.7	48.1	46.6	97					10												.278	12.95	13.37
New York.....	4	18	5.7	5.3	48.1	41.9	87					28												.414	17.36	19.91
Ohio.....	4	24	5.5	5.5	49.9	45.7	92					17												.246	11.24	12.28
Pennsylvania.....	2	11	6.0	6.0	48.5	50.4	104																	.306	15.43	14.84
Other States.....	4	10	5.2	5.4	48.9	41.7	85					8												.276	11.62	13.50
Total.....	36	160	5.7	5.3	49.0	43.0	88			13		91							34					.318	13.66	15.58
Last pullers, hand and machine, male:																										
Illinois.....	6	24	6.0	5.7	52.5	47.9	91					7												.357	17.11	18.74
Maine.....	5	14	6.0	5.6	53.4	47.0	88						2											.416	19.51	22.21
Maryland and Virginia.....	3	6	6.0	5.7	50.4	51.9	103						6											.382	19.82	19.25
Massachusetts.....	22	48	5.8	5.6	47.9	41.7	87																	.611	25.54	29.27
Minnesota.....	4	4	5.3	5.3	48.0	40.6	85																	.586	23.76	28.13
Missouri.....	5	31	6.0	5.8	50.3	46.5	92					4												.457	21.55	22.99
New Hampshire.....	5	11	5.5	5.5	49.6	43.8	88					15												.484	21.20	24.01
New Jersey.....	2	2	6.0	6.0	44.0	43.0	98					7												.813	34.95	35.77
New York.....	12	28	5.5	5.1	48.0	41.3	86																	.513	21.19	24.62
Ohio.....	6	26	5.4	5.2	50.0	42.0	84			2		13												.355	14.91	17.75
Pennsylvania.....	10	13	6.0	5.4	49.6	43.0	87						10											.395	17.07	19.59
Wisconsin.....	5	8	5.6	5.3	49.4	40.6	82					7												.485	19.71	23.96
Other States.....	1	2	5.0	5.0	50.0	35.0	70																	.669	23.40	33.45
Total.....	86	217	5.8	5.5	49.7	43.8	88			7		95							66					.473	20.70	23.51

Pennsylvania.....	3	4	5.8	5.3	49.5	43.0	87											365	15.66	18.07
Other States.....	3	12	5.2	4.7	48.6	38.3	79											376	14.42	18.27
Total.....	31	184	5.7	5.3	48.8	42.0	86	1	2	127	44	5	1	4				431	18.03	21.03
Repairers (not cobblers) (including tip fixers and scourers), male:																				
Illinois.....	3	6	6.0	6.0	48.0	50.2	105				6							576	28.94	27.65
Maine.....	3	9	6.0	5.7	53.1	48.6	92						7					402	19.54	21.35
Maryland and Virginia.....	5	8	6.0	5.8	50.4	52.3	104				8							418	21.86	21.07
Massachusetts.....	8	15	5.7	5.5	48.0	44.2	92				15							534	23.60	25.63
Minnesota.....	2	3	5.7	5.7	48.0	45.3	95				3							574	26.03	27.55
Missouri.....	2	4	6.0	6.0	49.5	49.8	101				3		1					416	20.75	20.59
New Hampshire.....	2	6	6.0	5.5	48.0	45.1	95				6							436	19.66	20.33
New Jersey.....	2	3	6.0	6.0	44.0	44.8	102	3										634	28.44	27.00
New York.....	7	25	5.8	5.6	47.6	48.3	101	4			18	3						611	29.49	29.08
Ohio.....	2	3	6.0	6.0	50.0	51.6	103				3							341	17.59	17.05
Pennsylvania.....	7	10	6.0	5.5	49.8	45.8	92				5		2					395	18.11	19.67
Wisconsin.....	3	7	6.0	5.4	48.9	42.4	87				4	3						658	27.92	32.18
Total.....	46	99	5.9	5.6	48.8	47.2	97	7			60	22	10					515	24.34	25.13
Repairers (not cobblers) (including tip fixers and scourers), female:																				
Illinois.....	5	50	6.0	5.7	49.9	47.3	95				35		9		6			354	16.74	17.66
Maine.....	3	35	6.0	5.7	53.8	48.2	90					2		33				336	16.17	18.08
Maryland and Virginia.....	2	5	6.0	5.6	50.5	55.8	110				5							238	13.29	12.02
Massachusetts.....	20	197	5.7	5.4	47.6	42.9	90		27		170							469	20.11	22.32
Minnesota.....	3	11	5.7	5.5	48.0	44.1	92				11							340	14.99	16.32
Missouri.....	5	63	6.0	5.5	48.9	45.8	94				51	4		8				284	13.01	13.69
New Hampshire.....	4	56	5.3	4.6	48.5	36.1	74				50		6					390	14.09	18.92
New Jersey.....	3	7	5.9	5.7	49.8	47.4	95	1			1			5				293	13.91	14.59
New York.....	12	90	5.6	5.4	48.8	44.8	92	3			46	41						395	17.07	19.28
Ohio.....	5	30	5.9	5.2	49.9	42.8	86				30							284	12.14	14.17
Pennsylvania.....	7	27	6.0	5.7	49.5	47.3	96				17	5		5				341	16.12	16.88
Wisconsin.....	4	14	6.0	5.5	48.8	44.5	92				8							376	16.72	18.35
Other States.....	1	10	6.0	4.6	50.0	37.1	74				10							302	11.19	15.10
Total.....	74	595	5.8	5.4	48.9	43.8	90	4	27	380	103	15	46	11				410	16.87	20.05
Dressers, male:																				
Maryland and Virginia.....	4	10	6.0	6.0	50.2	49.9	99					10						371	18.52	18.62
Massachusetts.....	2	6	5.7	5.5	48.7	34.1	70				4	2						605	20.62	20.46
New York.....	6	10	6.0	6.0	46.6	50.0	107	4			5	1						486	24.30	22.65
Pennsylvania.....	2	6	6.0	5.0	50.7	41.5	82					6						281	11.66	14.25
Other States.....	3	3	5.7	5.7	49.3	37.4	76	1				1	1					439	16.44	21.64
Total.....	17	35	5.9	5.7	48.9	44.7	91	5		9	20	1						429	19.18	20.98

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours												Earnings				
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours worked in one week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—											Average earnings per hour	Average earnings made in one week	Average full-time earnings per week
			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							
FINISHING DEPARTMENT—continued																					
Dressers, female:																					
Illinois.....	6	22	6.0	5.7	49.6	47.1	95												\$0.353	\$16.62	\$17.51
Maine.....	2	10	6.0	5.6	51.6	48.8	95												.344	16.79	17.75
Massachusetts.....	15	54	5.7	5.6	47.8	44.3	93												.405	17.94	19.36
Minnesota.....	4	13	5.8	5.7	48.0	44.6	93			4									.324	14.48	15.55
Missouri.....	5	40	5.9	5.8	51.4	48.9	95												.346	16.58	17.78
New Hampshire.....	5	12	5.8	5.8	49.5	46.8	95												.436	20.44	21.58
New York.....	7	29	5.3	5.1	48.6	43.2	89												.437	18.88	21.24
Ohio.....	4	14	5.8	5.2	49.9	43.0	86												.295	12.71	14.72
Pennsylvania.....	5	14	5.9	4.8	49.7	39.2	79												.235	9.25	11.67
Wisconsin.....	5	13	5.5	4.8	49.4	39.0	79												.362	14.12	17.88
Other States.....	2	2	5.5	3.5	50.3	29.8	59												.239	7.13	12.02
Total.....	60	223	5.8	5.5	49.4	44.6	90			4		129	54	7	26	3			.366	16.38	18.08
Sock liners (including heel-lining, heel-pad, or heel-pin pasters), male:																					
Maryland and Virginia.....	3	5	6.0	5.4	50.4	44.6	88												.274	12.23	13.81
Massachusetts.....	3	3	6.0	5.7	48.7	29.6	61												.345	10.23	16.80
New Jersey.....	2	4	6.0	5.0	49.5	39.9	81		1						3				.264	10.51	13.07
New York.....	3	7	6.0	5.6	46.0	40.8	89		4										.410	16.74	18.86
Ohio.....	2	11	5.5	5.2	50.0	41.2	82												.302	12.46	15.10
Pennsylvania.....	2	2	6.0	6.0	50.8	50.4	99												.275	13.88	15.97
Other States.....	1	1	5.0	5.0	50.0	40.0	80												.300	12.00	15.00
Total.....	16	33	5.8	5.4	49.0	41.0	84		5			4	21	3					.317	12.97	15.53

Sock liners (including heel-lining, heel-pad, or heel-pin pasters), female:																				
Illinois	5	16	6.0	5.5	51.5	46.8	91				7			4		5	293	13.71	15.09	
Maine	5	12	6.0	5.3	53.3	44.2	83									10	368	16.26	19.61	
Maryland and Virginia	3	4	6.0	5.8	50.4	50.8	101							2			336	17.03	16.93	
Massachusetts	22	66	5.8	5.6	47.7	42.2	88			7		59		4			392	16.64	18.70	
Minnesota	3	4	5.3	5.3	48.0	39.7	83					4					375	14.86	18.00	
Missouri	5	23	5.8	5.6	50.3	45.7	91					9		8		6	348	15.87	17.50	
New Hampshire	5	11	5.9	5.6	49.2	45.6	93					8			3		411	18.71	20.22	
New Jersey	2	4	5.0	4.8	46.0	37.4	81		2			2					298	11.15	13.71	
New York	12	29	5.8	5.6	47.6	46.6	98					14		8			432	20.10	20.56	
Ohio	5	16	5.3	5.2	49.9	41.4	83		7				16				340	14.01	16.97	
Pennsylvania	8	23	6.0	5.5	49.4	45.8	93									4	290	13.28	14.33	
Wisconsin	5	10	5.5	5.4	49.2	44.3	90										387	17.11	19.04	
Other States	1	1	5.0	6.0	50.0	45.0	90										351	15.79	17.55	
Total	81	219	5.8	5.5	49.0	44.2	90		9	7		122	49	7	20	5	391	16.21	19.16	
Lacers, male:																				
Massachusetts	2	7	5.6	5.6	48.0	45.4	95					7					389	17.69	18.67	
New York	2	2	6.0	6.0	46.0	43.9	95		1			1					672	29.60	30.91	
Other States	2	5	6.0	6.0	47.2	44.6	94		1			4					228	10.17	10.76	
Total	6	14	5.8	5.8	47.4	44.9	95		2			12					372	16.69	17.63	
Lacers, female:																				
Illinois	6	15	6.0	6.0	51.2	51.6	101					7				4	285	14.68	14.50	
Maine	5	14	6.0	5.7	53.4	48.8	91						2				328	15.98	17.52	
Maryland and Virginia	3	9	6.0	5.4	49.3	43.8	89									12	218	9.56	10.75	
Massachusetts	19	59	5.8	5.3	47.6	38.1	80				4	3	2				362	13.77	17.23	
Minnesota	2	2	5.0	5.0	46.0	35.2	73						2				281	9.88	13.49	
Missouri	4	23	5.9	5.4	50.7	44.5	88					10		4		9	295	13.13	14.96	
New Hampshire	5	11	5.5	5.5	50.0	42.8	86					6					338	14.47	16.90	
New York	9	30	5.9	5.4	47.9	43.1	90		5			16		9			340	14.63	16.29	
Ohio	5	12	6.0	5.6	49.9	45.6	91										248	11.30	12.38	
Pennsylvania	4	8	6.0	5.3	47.8	42.5	89		1				6				246	10.46	11.76	
Wisconsin	4	5	5.6	5.6	49.1	46.4	95										346	16.04	16.99	
Other States	2	5	5.6	5.2	46.4	42.0	91		3				2				310	13.00	14.38	
Total	68	193	5.9	5.4	49.1	42.9	87		9	4	3	2	101	40	9	21	4	367	13.61	18.02
Packers, male:																				
Illinois	3	6	6.0	5.3	50.3	47.5	94					4					426	20.25	21.43	
Maryland and Virginia	2	3	6.0	6.0	50.3	50.3	100									2	291	14.67	14.64	
Massachusetts	6	11	5.9	5.8	48.2	44.5	92					10		1			471	20.94	22.70	
New York	2	11	6.0	5.4	46.9	44.5	95		3					8			543	24.14	25.47	
Ohio	2	3	6.0	5.7	50.0	48.3	97										521	25.16	26.05	
Other States	1	1	6.0	6.0	50.0	53.0	106										220	11.66	11.00	
Total	16	35	6.0	5.6	48.5	46.1	95		3			22	8			2	464	21.39	22.50	

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENT, OCCUPATION, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employees	Average number of days—		Hours													Earnings				
			Of work in the occupation in one week	Worked by employees in one week	Average full-time hours per week	Average hours actually worked in one week	Per cent of full-time hours worked	Number of employees whose full-time hours per week were—										Average earnings per hour	Average earnings made in one week	Average full-time earnings per week		
								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
FINISHING DEPARTMENT—Continued																						
Packers, female:																						
Illinois.....	5	17	6.0	5.6	50.2	47.5	95													\$0.312	\$14.85	\$15.66
Maine.....	5	12	6.0	5.5	53.0	46.5	88													.400	18.58	21.20
Maryland and Virginia.....	3	7	6.0	6.0	50.4	55.4	110													.271	15.01	13.66
Massachusetts.....	19	109	5.8	5.5	47.6	43.7	92			14			95							.401	17.52	19.09
Michigan.....	3	4	4.8	4.0	49.5	36.6	72						1	3						.337	12.01	16.68
Minnesota.....	3	4	5.5	5.5	48.0	42.3	88													.455	19.27	21.84
Missouri.....	5	37	5.9	5.8	49.7	46.9	92						4	4		9				.344	15.81	17.10
New Hampshire.....	5	16	5.9	5.7	48.6	44.8	92						14			2				.396	17.74	19.25
New Jersey.....	4	8	5.8	5.8	46.7	44.6	96		3		1		3							.309	13.75	14.43
New York.....	12	34	5.9	5.7	47.2	45.0	95		12				12		10					.406	18.27	19.16
Ohio.....	6	25	5.9	5.7	49.9	46.0	92							25						.297	13.65	14.82
Pennsylvania.....	11	32	5.9	5.3	49.9	44.5	89						15	11		6				.283	12.61	14.12
Wisconsin.....	6	13	5.8	5.4	49.2	41.3	84						5	8						.372	15.34	18.30
Total.....	87	318	5.8	5.6	48.7	44.8	92		15		14	1	184	71	6	24	3			.362	16.22	17.63
ALL DEPARTMENTS																						
Other employees, male:																						
Illinois.....	6	515	6.0	5.7	49.6	47.4	96						391		73		49		2	.516	24.45	25.69
Maine.....	5	508	6.0	5.5	53.4	47.0	88							74						.441	20.71	23.55
Maryland and Virginia.....	5	107	5.9	5.6	50.4	48.3	96					1		105		434				.413	19.96	20.82
Massachusetts.....	24	2,436	5.9	5.6	47.9	43.9	92		19	13	118		2,158	128						.519	22.77	24.86
Michigan.....	3	100	5.8	5.0	49.8	42.0	85						12	88						.486	20.44	24.20
Minnesota.....	4	149	5.9	5.3	48.0	41.7	87						149							.427	17.81	20.50
Missouri.....	7	1,468	5.9	5.7	49.2	46.2	94						1,061	175	231	1				.472	21.79	23.22
New Hampshire.....	6	567	6.0	5.6	48.6	44.7	92						494		72				1	.480	21.47	23.33

New Jersey	4	100	6.0	5.9	45.3	45.3	100	76			1	12							517	23.40	23.42	
New York	13	1,537	5.9	5.5	47.9	45.3	95	222				933	382	11					498	22.56	23.85	
Ohio	6	557	5.8	5.4	49.9	43.7	88					557							431	18.86	21.51	
Pennsylvania	11	572	6.0	5.7	49.3	49.4	100	17		10		284	162		99				445	21.99	21.94	
Wisconsin	6	204	5.4	5.2	48.8	40.3	83					116	88						452	18.21	22.06	
Total	100	8,820	5.9	5.6	48.8	45.2	93	17	317	13	128	2	5,610	1,760	387	534	49		3	485	21.93	23.67
Other employees, female:																						
Illinois	6	368	6.0	5.6	50.0	46.6	93					244		74		50			351	16.32	17.55	
Maine	5	314	6.0	5.5	53.6	46.6	87						32		282				339	15.80	18.17	
Maryland and Virginia	3	30	6.0	5.6	50.5	49.6	98						30						268	13.29	13.53	
Massachusetts	24	1,590	5.8	5.5	47.4	43.0	91		18	5	108	1,457	2						407	17.59	20.55	
Michigan	3	50	5.6	5.2	49.7	43.6	88					7	43						331	14.43	16.45	
Minnesota	4	104	5.9	5.5	48.0	43.8	91					104							339	14.83	16.27	
Missouri	7	861	6.0	5.7	49.8	46.0	92						115		223				299	13.74	14.89	
New Hampshire	6	301	5.8	5.6	48.7	43.6	90					256		45					362	16.07	17.63	
New Jersey	4	20	5.9	5.8	44.9	42.6	95		15			3	1						458	19.51	20.56	
New York	13	629	5.9	5.4	48.4	44.6	92		38			376	215						378	16.83	18.30	
Ohio	6	341	5.9	5.4	50.0	44.1	88						341						287	12.06	14.35	
Pennsylvania	11	282	6.0	5.6	49.2	43.4	88		3		5	4	162	63		45			294	12.74	14.46	
Wisconsin	6	149	5.4	4.8	48.8	38.6	79						85	64					363	13.99	17.71	
Total	98	5,039	5.9	5.5	49.1	44.3	90	3	71	10	112	3	3,215	905	120	550	50		354	15.69	17.38	

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND STATE, 1924

Department, 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
CUTTING DEPARTMENT																		
Cutters, vamp and whole shoe, hand, male:																		
Illinois.....	3	170	\$.888					1	1	3	12	29	44	36	35	8	1	
Maine.....	5	120	.594			1		9	22	46	15	16	9	2				
Maryland and Virginia.....	7	112	.660					2	12	32	25	20	14	2	5			
Massachusetts.....	21	590	.920					2	5	13	45	54	53	264	105	33		16
Michigan.....	2	15	.731							1	4	7			1			
Minnesota.....	4	62	.804						3	7	5	7	27	4	7	1	1	
Missouri.....	4	209	.947						1	3	14	26	30	47	68	12	8	
New Hampshire.....	3	53	.750						2	4	7	27	8	2	3			
New Jersey.....	4	36	.822						3	1	8	5	6	4	7	2		
New York.....	13	258	.896					1	5	15	43	43	34	46	29	17	25	
Ohio.....	4	161	.786					3	10	31	36	13	22	10	25	8	3	
Pennsylvania.....	12	156	.725			1	5	11	16	30	19	9	14	6	22	8	15	
Wisconsin.....	6	67	.765						2	6	13	24	7	12	3			
Total.....	88	2,009	.838				2	5	29	82	192	246	280	270	435	310	89	69
Skivers, upper, male:																		
Maryland and Virginia.....	4	10	.409				1	4	4		1							
Massachusetts.....	9	43	.713					1	2	3	19	7	4	4	2	1		
New Hampshire.....	2	2	.507						1	1								
New York.....	5	15	.886					1			1		3	7	2	1		
Pennsylvania.....	4	7	.422			1	1	2	2							1		
Other States.....	5	23	.420				2	8	8	5								
Total.....	29	100	.619				2	3	16	17	9	21	7	7	11	4	3	
Skivers, upper, female:																		
Illinois.....	5	41	.476			1	3	6	11	12	6	2						
Maine.....	4	14	.397		1		2	5	3	3								
Maryland and Virginia.....	4	24	.429				2	7	7	3	4	1						
Massachusetts.....	22	122	.555				3	17	23	32	33	10		2	1	1		
Michigan.....	3	8	.358				1	2	1	4								

Minnesota	4	10	.541					2	1	5	1	1						
Missouri	5	53	.420				6	8	12	17	2	2	2					
New Hampshire	5	35	.309			1		3	8	20	2	3	3					
New Jersey	3	6	.447						2	2	2			1				
New York	11	65	.512					1	10	21	12	13	4	1			1	
Ohio	6	43	.374		1	2	1	7	8	5	6	1	1	1				
Pennsylvania	12	32	.485				1	4	6	8	5	1	2		1		2	1
Wisconsin	5	21	.491						8	3	4	5		1				
Total	89	474	.472		1	5	30	33	92	121	89	64	23	7	3	4	1	1
FITTING OR STITCHING DEPARTMENT																		
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), male:																		
Maryland and Virginia	2	4	.224		1	1	1	1										
Massachusetts	2	3	.364						3									
New York	4	12	.798						1	2	1		1	1	3	2	1	
Pennsylvania	2	2	.438				1				1							
Other States	2	3	.594				1		1							1		
Total	12	24	.585		1	1	3	1	5	2	2		1	1	3	3	1	
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), female:																		
Illinois	6	70	.313		4	4	24	5	15	9	6	2	1					
Maine	5	53	.304			3	11	18	14	7								
Maryland and Virginia	6	61	.207		3	16	20	12	8	1	1							
Massachusetts	22	209	.381			17	17	31	57	43	31	9	3	1				
Michigan	2	11	.309					4	6	1								
Minnesota	4	12	.378				1	2	5	2	1	1						
Missouri	5	88	.295		1	3	24	23	27	9	1							
New Hampshire	5	41	.314		1	8	5	10	9	4	1	2	1					
New Jersey	3	30	.441					7	6	5	7	4	1					
New York	13	180	.375			2	24	34	66	27	12	6	3	3	2		1	
Ohio	7	148	.288		4	14	34	40	37	16	3							
Pennsylvania	11	112	.269		1	27	26	22	20	8	4	3		1				
Wisconsin	6	16	.374				2	4	4	4		2						
Total	95	1,031	.328		14	94	188	212	274	136	67	29	9	5	2		1	
Lining makers (including lining closers, side, and top facing stitchers), female:																		
Illinois	6	95	.394		2	1	12	4	34	19	15	4	3			1		
Maine	5	68	.364				6	8	32	14	7	1						
Maryland and Virginia	7	88	.315			15	12	17	24	15	4	1						
Massachusetts	24	225	.427		1	2	9	22	73	61	32	21	2	1	1			
Michigan	3	14	.292					10	2	1	1							
Minnesota	4	12	.412					3	4	1	1	2						
Missouri	5	114	.296		1	11	36	23	22	15	4	2						

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	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
FITTING OR STITCHING DEPARTMENT—continued																		
Lining makers, female—Contd.																		
New Hampshire.....	5	53	\$.406			1	6	7	20	8	3	2	3	3				
New Jersey.....	4	10	.406					3	2	3	2	2						
New York.....	13	148	.428				6	19	48	37	19	10						
Ohio.....	6	81	.304		11	12	11	9	14	15	5	4						
Pennsylvania.....	12	75	.283		2	5	19	24	20	4		1						
Wisconsin.....	6	29	.396				2	3	9	12	2	1						
Total.....	100	1,012	.369		17	47	119	152	304	205	94	49	12	9	3	1		
Top stitchers (including under-trimmers and barber trimmers), male:																		
Maryland and Virginia.....	3	5	.556									5						
Massachusetts.....	7	25	.680				1	1	3	2	4	3	3	1	3	1		
New York.....	4	12	.793								1	4	2	3	1	1	1	
Pennsylvania.....	3	30	.660						3	5	4	7	6	1	2	1	1	
Other States.....	4	6	.631					1	1				2	2				
Total.....	21	78	.675				1	2	7	7	14	14	13	9	3	5	3	
Top stitchers (including under-trimmers and barber trimmers), female:																		
Illinois.....	6	55	.431			1	5	8	14	8	8	6	4		1			
Maine.....	5	76	.349			3	24	9	15	12	8	3	1	1				
Maryland and Virginia.....	5	73	.384				4	6	26	21	13	3						
Massachusetts.....	23	302	.595		1	1	1	6	39	60	64	44	32	25	15	12	1	1
Michigan.....	3	31	.317			1	2	13	6	7	2							
Minnesota.....	4	24	.544					1	2	8	4	5	3		1			
Missouri.....	5	153	.360			6	22	33	44	22	19	5	1	1				
New Hampshire.....	5	70	.409		1	1	3	13	8	21	16	3				1		
New Jersey.....	4	8	.388				1	1	2	2		1	1					

New York	12	177	.507			1	5	39	52	41	20	8	5		4	1	1	
Ohio	7	99	.375	1		9	9	31	22	8	7	3	1					
Pennsylvania	12	84	.402			1	2	34	20	7	5	1	2					
Wisconsin	6	32	.496					6	12	7	4	2	1					
Total	97	1,184	.462	1	3	26	73	116	266	267	197	106	56	35	17	17	2	2
Vampers, male:																		
Maine	4	11	.527					3	2	3	2	1						
Maryland and Virginia	4	18	.612	1				2	3	7	2	1	1					
Massachusetts	19	164	.730					2	2	11	24	35	42	22	12	10	3	1
Missouri	2	6	.532					2	2					1	1			
New Hampshire	5	17	.564							6	5	3	2	1				
New Jersey	2	5	.770							1	1	2						
New York	6	60	.774					1	8	11	9	7	5	9	3	5	2	
Pennsylvania	3	11	.591					1	1	1	1	1	2	2	1	2		
Other States	4	12	.693					1	1	1	1	6		1	1			
Total	49	304	.707	1				5	12	31	53	54	62	31	25	17	10	3
Vampers, female:																		
Illinois	6	99	.514			3	10	16	22	16	13	7	8		4			
Maine	5	44	.500		1		3	7	15	7	5	4	2					
Maryland and Virginia	6	48	.412			4	12	17	9	5	1							
Massachusetts	24	226	.681				2	12	23	40	50	47	21	17	13		1	
Michigan	3	37	.294		1	2	22	8	3	1								
Minnesota	4	23	.572					4	11	6	2							
Missouri	5	153	.425	2	1	12	22	49	28	14	14	4	5	1	1			
New Hampshire	5	47	.556				1	1	13	19	11	2						
New Jersey	4	8	.592					1		2	3	2						
New York	13	131	.525			1	3	28	32	30	20	7	5	1	2	2		
Ohio	7	142	.448		1	4	9	27	45	19	12	4	1					
Pennsylvania	12	76	.502			2	9	19	10	11	12	6	7					
Wisconsin	6	39	.545					3	13	11	6	6						
Total	99	1,053	.519	2	4	28	93	188	217	186	153	91	49	23	16	3		
LASTING DEPARTMENT																		
Assemblers, for pulling-over machine, male:																		
Illinois	5	29	.628		1		3	1		6	9	4	3		1	1		
Maine	4	21	.546					2	8	4	5	1	1					
Maryland and Virginia	7	26	.386			3	1	7	7	7		1						
Massachusetts	16	73	.666				2	8	8	6	18	13	7	3	7	1		
Minnesota	4	10	.689							1	5	2	2					
Missouri	5	70	.541			1	2	13	13	8	17	11	4		1			
New Hampshire	5	25	.529					3	10	6	5	1						
New Jersey	3	9	.493					2	3	2	1	1						
New York	9	59	.531				1	8	20	14	10	3	2	1				
Ohio	7	50	.517				1	6	22	6	6	3	3	1	2			

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	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
LASTING DEPARTMENT—continued																		
Assemblers, for pulling-over machine, male—Continued.																		
Pennsylvania.....	10	29	\$.448			1	3	5	4	5	7	1	2	1				
Wisconsin.....	5	14	.644						1	2	6	5						
Other States.....	1	6	.465						1	3	2							
Total.....	81	421	.554			2	7	15	55	100	71	83	47	23	6	11	1	
Assemblers, for pulling-over machine, female:																		
Illinois.....	2	10	.239				5	5										
Massachusetts.....	4	17	.530						4	3	5	2	2	1				
Other States.....	2	6	.395						3	2		1						
Total.....	8	33	.399				5	5	7	5	5	3	2	1				
Bed-machine operators, male:																		
Illinois.....	5	74	.745						2	17	7	4	7	18	11	5	3	
Maine.....	4	52	.645						2	6	16	12	8	3	4	1		
Maryland and Virginia.....	6	40	.509						3	9	9	16	3					
Massachusetts.....	23	367	.740						3	11	57	100	81	52	31	22	9	
Michigan.....	3	19	.662						1	2	3	5	4	3	1	1		
Minnesota.....	4	24	.795								3	4	5	6	4	2		
Missouri.....	5	138	.659				1	5	12	21	55	13	20	8	3	3		
New Hampshire.....	5	63	.661						1	5	16	23	7	6	4	1		
New Jersey.....	4	15	.624						1	1	5	3	4			1		
New York.....	12	157	.666						8	24	28	30	29	24	9	4	1	
Ohio.....	5	56	.714							4	8	17	6	7	6	8		
Pennsylvania.....	11	50	.570				1	3	13	14	7	8	4					
Wisconsin.....	5	27	.712								4	5	14	4				
Total.....	92	1,082	.692					2	29	104	191	281	189	147	77	48	13	1

Turn lasters, hand (including first and second lasters), male:																
Maryland and Virginia	3	10	.579						3	5		2				
Massachusetts	5	115	.953		2	2	5	3	4	4	4	9	23	29	26	6
Missouri	2	52	.745						4	11	20	11	5	1		
New Jersey	2	9	.632					1	5	2					1	
New York	9	107	.720				4	20	18	16	13	9	12	9	1	5
Ohio	2	48	.776					10	5	4	6	5	11	7		
Pennsylvania	4	89	.923					2	6	9	19	11	14	18	5	5
Wisconsin	2	39	.673					1	7	17	11	3				
Other States	2	27	.506				1	11	12	2	1	3				
Total	31	496	.790		2	2	10	51	66	65	74	48	65	64	33	16
BOTTOMING DEPARTMENT																
Goodyear stitchers, male:																
Illinois	3	26	.922					1	1	2	2	5	6	9		
Maine	4	13	.622		1			1	3	4	1	3				
Maryland and Virginia	4	19	.743						2	6	11					
Massachusetts	21	159	.884				1	8	9	10	26	29	35	30	7	4
Michigan	3	8	.733					1		2	2	2	1			
Minnesota	4	13	.746						5	3	2	2	1	1		
Missouri	4	59	.606				3	14	8	16	14	3	1			
New Hampshire	4	38	.718				2	3	11	5	2	7	5	3		
New Jersey	2	4	.946								1	1	1		1	
New York	11	88	.800					8	10	15	15	14	9	11	4	2
Ohio	4	23	.683						5	10	3	2		3		
Pennsylvania	10	36	.616				2	6	11	6	2	4	3	2		
Wisconsin	5	19	.757					1		5	7	3	2	1		
Total	79	505	.773		1	8	44	60	86	89	75	64	60	12	6	
Edge trimmers, male:																
Illinois	6	37	.846			1	2	7	2	1	1	3	5	7	7	1
Maine	5	43	.566		1	3	3	4	16	7	4	3	2			
Maryland and Virginia	8	31	.518				1	5	11	9	3		1			
Massachusetts	24	208	.884				2	5	18	39	29	28	21	37	24	5
Michigan	3	8	.773							2	1	4	1			
Minnesota	4	11	.707					1	3	1	1	4	4	1		
Missouri	5	65	.709					2	11	19	9	20	5	3	1	
New Hampshire	5	39	.735					2	6	9	12	5	3	2		
New Jersey	4	6	.833					1	1	1						
New York	13	110	.783					4	18	18	19	18	17	12	2	2
Ohio	7	65	.670					4	9	7	15	10	3	2	1	
Pennsylvania	12	42	.650		1		2	5	18	9	8	6	1	2		
Wisconsin	6	21	.836					1	1	3	3	4	4	5		
Total	102	686	.767		2	4	10	46	113	125	105	105	63	69	36	8

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 TYPICAL OCCUPATIONS, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	Number of employ-ees	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
FINISHING DEPARTMENT																		
Edge setters, male:																		
Illinois.....	6	39	\$0.796					1	3	7		2	2		11	11		
Maine.....	5	41	.558					2	5	11	12	4	4	2		1		
Maryland and Virginia.....	8	32	.558						2	3	1	17	9					
Massachusetts.....	24	198	.872					1	1	4	18	30	28	35	27	30		
Michigan.....	3	9	.717									4	3	2				
Minnesota.....	4	14	.643							2	6	3	3					
Missouri.....	5	58	.742							1	5	18	18	10	6			
New Hampshire.....	5	30	.715							1	1	7	8	1	4	1		
New Jersey.....	4	12	.711					1	1			3	1	2				
New York.....	13	110	.717				1		2	22	16	26	14	7	3	13		
Ohio.....	7	66	.713							4	6	26	12	4	8	5		
Pennsylvania.....	12	51	.627	1				2	3	7	9	15	5	3	1	5		
Wisconsin.....	6	21	.791							4	2	9	8	2				
Total.....	102	681	.756	1			1	7	16	65	83	150	115	81	64	67	25	6
Treers, hand and machine, male:																		
Illinois.....	6	29	.527			2	2	2	1	5	8	4	4		1			
Maine.....	5	46	.530						8	21	23	8	9					
Maryland and Virginia.....	7	37	.407			1	1		4	1	3		4					
Massachusetts.....	24	371	.715						12	31	70	78	54	44	45	26	9	1
Michigan.....	2	22	.498						2	9	9	1	1					
Minnesota.....	4	13	.645						2	2	2	4	3	2		1		
Missouri.....	4	93	.630						4	7	20	44	13	4				
New Hampshire.....	5	63	.612						4	7	18	19	12	1	1	1		
New Jersey.....	4	12	.723						1	4				4	2	1		
New York.....	11	121	.589					2	13	23	18	32	26	4	1	1	1	
Ohio.....	3	43	.454						13	19	4	7						
Pennsylvania.....	12	72	.512			1	1		19	14	18	9	8	2				
Wisconsin.....	6	26	.668						1	2	5	6	9	2	1			
Total.....	93	948	.624			3	4	6	82	145	198	212	139	67	51	30	10	1

Triers, hand and machine, female:														
Illinois.....	5	44	.456	1	1	1	4	1	2	18	13	3		
Massachusetts.....	5	20	.455					1	7	7	1	1	2	1
Minnesota.....	2	5	.396						3	2				
Missouri.....	3	38	.427				2	1	12	11	9	3		
New York.....	6	26	.432						7	18			1	
Ohio.....	4	35	.409				1		15	15	4			
Pennsylvania.....	3	4	.365					2	1	1				
Other States.....	3	12	.376				2	1	4	5				
Total.....	31	184	.431	1	1	1	9	6	51	77	27	7	2	2
Repairers (not cobblers) (including tip fixers and scourers), male:														
Illinois.....	3	6	.576						1	2			3	
Maine.....	3	9	.402						5	4				
Maryland and Virginia.....	5	8	.418				1	2	2	1	1		1	
Massachusetts.....	8	15	.534						2	4	4		1	1
Minnesota.....	2	3	.574						1	1	1	1		
Missouri.....	2	4	.416				1		1	1				
New Hampshire.....	2	6	.436						3	1	2			
New Jersey.....	2	3	.634							1		2		
New York.....	7	25	.611						1	4	5	8	2	4
Ohio.....	3	4	.387					2	2	1	1			1
Pennsylvania.....	8	12	.424				2	2	3	1	4			
Wisconsin.....	3	7	.658							1	1	5		1
Total.....	48	102	.511				3	7	18	20	21	20	6	6
Repairers (not cobblers) (including tip fixers and scourers), female:														
Illinois.....	5	50	.354				8	7	16	16	2	1		
Maine.....	3	35	.336					12	16	6		1		
Maryland and Virginia.....	4	32	.238				2	5	8	17				
Massachusetts.....	20	197	.469					3	6	23	83	79	3	1
Minnesota.....	3	11	.340						1	9	1			
Missouri.....	5	63	.284					16	27	16	4			
New Hampshire.....	4	56	.390				2	1	2	36	9	6		
New Jersey.....	3	7	.293						5	1				
New York.....	12	90	.395				2	12	9	22	23	15	6	1
Ohio.....	6	32	.295					8	10	11	1	2		
Pennsylvania.....	7	27	.341					1	6	16	5			
Wisconsin.....	4	14	.376							9	5			
Other States.....	1	10	.302					4		6				
Total.....	77	624	.403				7	54	95	197	154	104	11	2

TABLE C.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924

[This table does not include data for 6 establishments having a two-week pay-roll period]

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week	Number of employees whose hours actually worked in one week were—																															
		Number	Average full-time hours per week		Number	Average hours actually worked	Under 12		12 and under 16		Over 16 and under 20		20 and under 24		Over 24 and under 28		28 and under 32		Over 32 and under 36		36 and under 40		Over 40 and under 44		44 and under 48		Over 48 and under 51		51 and under 54		54 and under 57		Over 57 and under 60		Over 60	
							Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked
CUTTING DEPARTMENT																																				
Cutters, vamp and whole shoe, hand, male:																																				
Illinois.....	3	170	48.8	155	45.4													2	36							5	15	97								
Maine.....	5	120	52.8	96	51.9																						1	39	44	2	5	2				
Maryland and Virginia.....	5	26	50.3	25	51.2																						2	16	3							
Massachusetts.....	21	590	47.6	527	44.5								8	1	18	44	4	133	142	142	26	8														
Michigan.....	2	15	49.6	14	46.8																							11								
Minnesota.....	4	62	48.0	58	38.5									11																						
Missouri.....	4	209	48.0	168	47.8										1													5	12	149	1					
New Hampshire.....	3	53	48.0	52	44.9											1												26	10	15						
New Jersey.....	4	36	46.6	36	44.9																							13	14	4	3					
New York.....	13	258	47.5	162	46.0									1	1													5	60	32	42	3				
Ohio.....	3	151	49.9	130	48.1																							3	49	9	69					
Pennsylvania.....	11	145	49.2	114	43.8																							4	19	6	40	6	12	1		
Wisconsin.....	6	67	49.1	63	45.2																							4	24	7	26					
Total.....	84	1,902	48.4	1,600	48.2																															

Skivers, upper, male:																					
Maryland and Virginia	2	3	50.3	2	51.3										1	1					
Massachusetts	9	43	47.4	39	38.0					1			9	20	8	1					
New Hampshire	2	2	48.0	2	45.3								1	7	2			1			
New York	5	15	46.3	10	46.0								1	7	2			1			
Pennsylvania	4	7	51.1	5	51.2									2	1			2			
Other States	5	23	49.4	17	40.7					1	1	6	1	2	1			5			
Total	27	93	48.0	75	41.1					1	1	7	1	10	29	13	9	1	2	1	
Skivers, upper, female:																					
Illinois	5	41	49.0	36	48.0							8			2	21	4	5			
Maine	4	14	52.9	10	49.4							1		1	1	4	2	4			
Maryland and Virginia	2	2	50.3	2	49.3																
Massachusetts	22	122	47.9	101	40.1		1	1	2	2	1	6	2	21	29	36					
Michigan	3	8	49.3	7	43.4							2	2	3	3			2			
Minnesota	4	10	48.0	10	31.1		1	2	1	1		2	3								
Missouri	5	53	51.0	45	48.4								3	1	1	2	7	9	30	2	
New Hampshire	5	35	48.6	26	45.4				1			3	1	2	2	8		2	1	9	
New Jersey	3	6	45.9	6	43.8							1	1	1	3						
New York	11	65	48.1	59	47.3						1	5	1	4	10	6	4	1	25	1	
Ohio	5	32	50.0	23	48.0							1	1	1	5	8		1	15	8	
Pennsylvania	11	30	49.9	23	47.0							5	2	2	3			1	2	2	
Wisconsin	5	21	49.4	15	45.1							3		2	2				8		
Total	85	439	49.0	363	44.8		2	3	4	3	1	11	35	1	33	66	60	117	22	2	3
FITTING OR STITCHING DEPARTMENT																					
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), male:																					
Maryland and Virginia	2	4	49.1	3	50.5													3			
Massachusetts	2	3	48.0	3	46.2													3			
New York	4	12	46.3	10	44.5					1		1			3	4		1			
Pennsylvania	2	2	49.0	1	52.0														1		
Other States	2	3	50.7	3	46.5										2			1			
Total	12	24	47.8	20	46.2					1		1			5	7	5	1			
Cementers and doublers, hand and machine (including reinforcers, pasters and fitters), female:																					
Illinois	6	70	51.0	39	49.6								1	1	3	7	7	10	7	4	
Maine	5	53	53.3	31	51.1											1	1	11	9	7	
Maryland and Virginia	5	14	50.4	13	50.0											1	1	10	1		
Massachusetts	22	209	47.6	176	44.3				3		6	18	8	48	43	49		1			
Michigan	2	11	49.9	4	45.3				1									3			
Minnesota	4	12	48.0	7	40.3									2	1	4					
Missouri	5	88	49.9	73	48.1						3			5	12	17		28	8		
New Hampshire	5	41	48.4	37	44.7				1		1	6	1	6	8	11			2	1	
New Jersey	3	30	45.8	27	43.6						1	6		7	8				5		
New York	13	180	48.3	128	48.3				1		1	7		10	13	10		63	20	1	

TABLE C.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose hours actually worked in one week were—																									
		Number	Average full-time hours per week	Number	Average hours actually worked	Under 12	12 and under 16	16	Over 16 and under 20	20 and under 24	24	Over 24 and under 28	28 and under 32	32	Over 32 and under 36	36 and under 40	40	Over 40 and under 44	44 and under 48	48	Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	Over 60					
FITTING OR STITCHING DEPARTMENT—continued																															
Cementers and doublers, hand and machine, female—Continued.																															
Ohio.....	6	138	49.9	87	47.8									2	6			3	10	1	65										
Pennsylvania.....	10	102	49.5	75	48.2									2	2			3	10	26	20	3	11								
Wisconsin.....	6	16	49.4	8	41.5						1		1		1			1	1		3										
Total.....	92	964	49.1	705	47.1						1	6	1	11	50	10	88	115	126	214	55	19	6	3							
Lining makers (including lining closers, side and top facing stitchers), female:																															
Illinois.....	6	95	49.4	72	48.0									2			8	11	30	8	10		3								
Maine.....	5	68	53.5	31	43.8							5		2			5	6		3	8										
Maryland and Virginia.....	5	12	50.4	9	47.3									1			1	1			6										
Massachusetts.....	24	225	47.8	172	43.9		4	2			2	2		9	10	2	31	57	53												
Michigan.....	3	14	49.9	7	48.6													2	3	3	5										
Minnesota.....	4	12	48.0	11	44.5									2	1		2	3	3												
Missouri.....	5	114	50.6	91	48.5									1	1	11	18	6		32	22										
New Hampshire.....	5	53	49.2	46	41.5		1	1			4	3	1		9		2	5	11	4	5										
New Jersey.....	4	10	47.4	10	44.2									9	1		6			1	2										
New York.....	13	148	47.7	75	42.6			2			2	5		9	5	1	9	14	7	15	5		1								
Ohio.....	5	73	50.0	48	45.4		1			1				3	2		4	11		26											
Pennsylvania.....	11	67	60.1	60	48.8									1			5	8	12	25	2		7								

TABLE C.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose hours actually worked in one week were—																								
	Number of establishments	Average full-time hours per week	Number	Average hours actually worked	Under 12	12 and under 16	16	Over 16 and under 20	20 and under 24	24	Over 24 and under 28	28 and under 32	32	Over 32 and under 36	36 and under 40	40	Over 40 and under 44	44 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			
					Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number	Average hours actually worked	Number
FITTING OR STITCHING DEPARTMENT—continued																													
Vampers, female—Continued.																													
Missouri	5	153	51.2	110	48.0									6		11	4	18	57	14									
New Hampshire	5	47	48.8	42	40.7			4	4	2	1		1		1			14	11	3	1								
New Jersey	4	8	46.3	7	44.7									1		3	1			1	1								
New York	13	131	48.3	106	48.2									2		8	25	11	42	17			1						
Ohio	6	99	49.9	79	43.3				3	6	2		2	8		9	13	1	35	13									
Pennsylvania	10	65	50.6	44	50.0								1		1	7	2	13	16			4							
Wisconsin	8	39	49.2	36	41.3						5		4	1	4	7	6		9										
Total	95	983	49.4	793	47.6			4	8		12	12		12	32	24	70	177	140	213	77	5	5	2					
LASTING DEPARTMENT																													
Assemblers, for pulling-over machine, male:																													
Illinois	5	29	49.1	24	48.3									1		1		18	1	1			2						
Maine	4	21	52.9	12	45.8					1							5		6										
Maryland and Virginia	4	10	50.4	8	49.2												1				1								
Massachusetts	16	73	47.8	66	40.5				1		9		2	4		32	13	3	2										
Minnesota	4	10	48.0	10	43.5						1		1			1	4												
Missouri	5	70	50.4	62	41.5					1	5		1	8		12	18	3	7										
New Hampshire	5	25	49.1	22	34.2						7		1	1		5	6	2											
New Jersey	3	9	45.3	8	53.3																				1	2	1	1	

New York	9	59	48.5	45	46.4									1	2	1	4	16	5	15		1					
Ohio	6	46	50.0	22	39.3					2	1				5	1	8	2									
Pennsylvania	9	24	50.6	20	48.4									1	1		1	7			1	3					
Wisconsin	5	14	49.2	14	39.3							2					6	1									
Other States	1	6	50.0	6	38.9									1	2	2	1	1									
Total	76	396	49.3	319	42.8									14	26	4	72	75	36	47	2	5	3	3	1		1
Assemblers for pulling-over machine, female:																											
Illinois	2	10	53.4	7	46.7												1	4			2						
Massachusetts	4	17	48.0	12	34.5					3				1													
Other States	2	6	49.9	6	49.0																5						
Total	8	33	50.0	25	41.4					3				1	2		5	7		7							
Bed-machine operators, male:																											
Illinois	5	74	49.6	59	48.9													10	36		7	4				1	1
Maine	4	52	52.8	34	49.4										1	1		3	1		10	12	4	1			
Maryland and Virginia	3	7	50.4	6	45.3													1			3						
Massachusetts	23	367	47.9	331	44.5		1	1	1	1				8	29	5	64	122	88	10							
Michigan	3	19	49.7	14	41.3									1	2	2	3	5			3						
Minnesota	4	24	48.0	23	42.6									1	1		1	6	3		2	1					
Missouri	5	138	51.4	130	46.9									1	6	6	1	4	35	9	67			1			
New Hampshire	5	63	48.8	60	40.8													26	11								
New Jersey	4	15	46.0	14	48.9													4	1		3	3		1	5	2	1
New York	12	157	47.9	132	46.6									3	7	4		13	42	5	41	9	1	5	2	1	
Ohio	4	46	49.9	36	44.4					5	1								6		19	3		2			
Pennsylvania	10	43	50.9	39	48.1									2	1		1		6		16	5	6				
Wisconsin	5	27	49.5	26	45.2									1		3		2	5	3	2	9	2			1	
Total	87	1,032	49.1	904	45.5		1		6	2	1	19	9	3	29	56	8	92	269	156	187	39	11	10	4	1	1
Turn lasters, hand (including first and second lasters), male:																											
Maryland and Virginia	3	10	50.4	8	51.0																6					2	
Massachusetts	5	115	47.4	78	31.0										5	7	2	3	13		1	9	1				
Missouri	2	52	48.0	38	43.6										3	8		5	18		4						
New Jersey	2	9	50.4	9	48.1																						
New York	9	107	47.2	63	46.7																					1	1
Ohio	2	48	49.6	42	45.5										1	5		10	29	6	12	4					
Pennsylvania	4	59	48.0	81	33.8																11	1					
Wisconsin	2	39	48.5	37	40.7										4	5		3	3		6	4				2	
Other States	2	27	53.1	27	51.3													1	3		5	28					
Total	31	496	48.2	383	40.2	20					1	7	19		16	27	7	57	83	11	55	27	22	2	3		26

TABLE C.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week	Number of employees whose hours actually worked in one week were—																
		Number	Average full-time hours per week		Number	Average hours actually worked	Under 12	12 and under 16	16 and under 20	20 and under 24	24 and under 28	28 and under 32	32 and under 36	36 and under 40	40 and under 44	44 and under 48	48 and under 51	51 and under 54	54 and under 57	57 and under 60	Over 60
							Number	Average hours actually worked	Under 12	12 and under 16	16 and under 20	20 and under 24	24 and under 28	28 and under 32	32 and under 36	36 and under 40	40 and under 44	44 and under 48	48 and under 51	51 and under 54	54 and under 57
BOTTOMING DEPARTMENT																					
Goodyear stitchers, male:																					
Illinois.....	3	26	48.0	22	48.1																
Maine.....	4	13	51.8	7	41.8																
Massachusetts.....	21	159	47.9	153	42.2			1	5			3	1	6	23	6	33	64	7		
Michigan.....	3	8	49.8	8	39.5							1			4		1	2			
Minnesota.....	4	13	48.0	11	42.5			1				1		2			1		2		
Missouri.....	4	59	51.9	51	48.7									1			7		43		
New Hampshire.....	4	38	48.0	35	38.7					3	12			3				14	3		
New Jersey.....	2	4	44.0	4	43.6												3	1			
New York.....	11	88	48.0	71	44.8									3	11	1	7	29	1	18	
Ohio.....	3	16	49.9	4	26.0			2	1								4	3	2	9	
Pennsylvania.....	10	36	50.8	33	46.0				3					2			4	3	2	9	
Wisconsin.....	5	19	49.2	15	46.2									2				5	1	7	
Other States.....	1	1	50.0	1	42.3												1				
Total.....	75	480	48.8	415	43.7			4	11			4	16	1	18	39	7	59	121	19	
Edge trimmers, male:																					
Illinois.....	6	37	49.7	27	46.8									2			2	16	3		
Maine.....	5	43	53.2	34	47.5				2								1	12		3	
Maryland and Virginia.....	5	12	50.4	11	51.6													1	1	7	
Massachusetts.....	24	208	47.8	200	43.7			1	5	1				1	2			15	3	36	
Michigan.....	3	8	49.8	8	37.6									5				1	1	1	
Minnesota.....	4	11	42.5	10	43.9									3				1	4	1	

TABLE C.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week	Number of employees whose hours actually worked in one week were—																							
		Number	Average full-time hours per week		Number	Average hours actually worked	Under 12	12 and under 16	16	Over 16 and under 20	20 and under 24	24	Over 24 and under 28	28 and under 32	32	Over 32 and under 36	36 and under 40	40	Over 40 and under 44	44 and under 48	48	Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	Over 60	
							Under 12	12 and under 16	16	Over 16 and under 20	20 and under 24	24	Over 24 and under 28	28 and under 32	32	Over 32 and under 36	36 and under 40	40	Over 40 and under 44	44 and under 48	48	Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	Over 60	
FINISHING DEPARTMENT—continued																												
Triers, hand and machine, female:																												
Illinois	5	44	49.3	32	48.5									1					4	13	11					2		
Massachusetts	5	20	47.7	17	43.5						1	1						5	3	7								
Minnesota	2	5	48.0	5	46.3						1										2	2						
Missouri	3	38	48.0	25	47.2															10	12							
New York	6	26	48.3	14	44.2																	5						
Ohio	4	35	49.1	31	41.8										2	1		3	6									
Pennsylvania	3	4	49.5	3	47.1		1								1									1				
Other States	3	12	48.6	8											1			5						1	1			
Total	31	184	48.8	135	45.2		1							2	1		1	12	2	33	21	32	23	4	1		2	
Repairers (not cobblers) (including tip fixers and scourers), male:																												
Illinois	3	6	48.0	6	50.2																2	1	3					
Maine	3	9	53.1	6	50.6																2	2		1				
Maryland and Virginia	5	8	50.4	6	54.0																	4						
Massachusetts	8	15	48.0	12	46.2																	5	1	1				
Minnesota	2	3	48.0	3	45.3																							
Missouri	2	4	49.5	4	49.8																	1						
New Hampshire	2	6	48.0	5	48.0																		1	4				
New Jersey	2	3	44.0	3	44.8																	1						
New York	7	25	47.6	22	50.3																2	4	4	4	3			1

Ohio.....	2	3	50.0	3	51.6												2					1							
Pennsylvania.....	7	10	49.8	7	50.2												2						2						
Wisconsin.....	3	7	48.9	5	45.7												1						1						
Total.....	46	99	48.8	82	49.2												2	7	13	19	20	5	10	1	2			3	
Repairers (not cobblers) (including tip fixers and scourers), female:																													
Illinois.....	5	50	49.9	43	49.4												8	18	12									5	
Maine.....	3	35	53.8	30	50.3												2	4	1	6	16	1							
Maryland and Virginia.....	2	5	50.5	4	62.0																				1	2			1
Massachusetts.....	20	197	47.6	168	45.8									1	7	1	37	46	76										
Minnesota.....	3	11	48.0	9	46.6					1		1									1	5							
Missouri.....	5	63	48.9	48	49.6													4	19	6	19								
New Hampshire.....	4	56	48.5	32	47.1									2	1		5	5	11	3	1		1	3					
New Jersey.....	3	7	49.8	6	48.6												1	1											
New York.....	12	90	48.8	76	47.0												2	1	4	40	5	22	2						
Ohio.....	5	30	49.9	20	47.7													1	1	2	1	14							
Pennsylvania.....	7	27	49.5	22	49.8												2		1	4	5	7	3	3					
Wisconsin.....	4	14	48.8	13	45.1													6	2										
Other States.....	1	10	50.0	6	47.8														4		2								
Total.....	74	595	48.9	477	47.5						1	4	12	2	56	120	137	79	49	5	4	7							1

TABLE D.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924

[This table does not include data for 6 establishments having a two-week pay-roll period]

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose actual earnings in one week were—																							
		Number	Average full-time earnings per week	Number	Average earnings actually made	Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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
						Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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
CUTTING DEPARTMENT																													
Cutters, vamp and whole shoe, hand, male:																													
Illinois.....	3	170	\$42.62	155	\$40.45								1	2	2	3	5	5	9	6	9	8	21	34	25	14	7	4	
Maine.....	5	120	31.36	96	30.79								1	3	7	8	8	30	2	5	2	4	8	12					
Maryland and Virginia.....	5	26	28.72	25	29.22										1	2	5	4	2	6	1	1	1	2					
Massachusetts.....	21	590	43.79	527	40.72								1	3	5	2	9	9	11	20	26	27	81	56	184	34	28	20	
Michigan.....	2	15	36.26	14	34.22																								
Minnesota.....	4	62	38.59	58	30.98								3	3	2	2	3	5	3	12	6	2	3	9	4	1			
Missouri.....	4	209	45.46	168	43.84										1	1	3	3	4	6	9	12	8	37	60	18	1	5	
New Hampshire.....	3	53	36.00	52	33.67										1	1	3	1	6	14	3	6	9	2	4	2			
New Jersey.....	4	36	38.31	36	36.88								1		1	2		2	4	4	4	3	2	8	2	2	1		
New York.....	13	258	42.56	162	40.24						1		1	5	6	1	3	5	10	14	8	20	12	28	17	18	5	8	
Ohio.....	3	151	39.07	130	38.23						1	1	4	4	4	8	11	13	6	8	10	1	5	16	13	5	12	8	
Pennsylvania.....	11	145	37.10	114	31.67			1	2	3	6	3	4	6	9	13	12	10	10	4	3	5	5	8	3	6	1		
Wisconsin.....	6	67	37.56	63	34.51							1		1	5	2	1	3	9	5	10	10	3	10	1	2			
Total.....	84	1,902	40.99	1,600	38.38				1	2	5	13	19	31	38	54	64	97	108	94	95	157	134	345	163	91	52	37	
Skivers, upper, male:																													
Maryland and Virginia.....	2	3	20.57	2	20.46								1																
Massachusetts.....	9	43	33.80	39	32.06								1		4			1	8	9	1	5	1	3	5	1			
New Hampshire.....	2	2	24.34	2	22.95								1																

New York	5	15	41.02	10	39.77								1						1					2	1		1	3		1			
Pennsylvania	4	7	21.56	5	17.24					1	2			1	1																		
Other States	5	18	20.75	17	17.54					1	1	5	2	1	1	1	3			1	1												
Total	27	63	30.58	75	28.26					1	2	5	4	4	2	1	9	1	2	10	10	1	7	2	3	6	4		1				
Skivers, upper, female:																																	
Illinois	5	41	23.32	36	23.22					1		1		2	9	5	11	6	1														
Maine	4	14	21.00	10	19.41			1	1		1	3				1	1		2														
Maryland and Virginia	2	2	21.58	2	21.12														1														
Massachusetts	22	122	26.58	101	24.65					2	4	2	7	8	7	10	8	18	20	10	2	1	2										
Michigan	3	8	17.65	7	15.62					3			2																				
Minnesota	4	10	25.97	10	16.79			1	1	2	1	1	1	1	1	1			1														
Missouri	5	53	21.42	45	20.41					7	6	7	7	5	7	5			1		1					3	1	1					
New Hampshire	5	35	19.39	26	17.78			2		3	4	1	1	6	7	1	2																
New Jersey	3	6	20.62	6	19.57									1	1																		
New York	11	65	24.63	59	24.43				1		2	5	1	6	7	8	6	8	3	8	2	1	2										
Ohio	5	32	18.45	23	19.01			1	3	8			1	1	1	3	2		4				2	2		1	1						
Pennsylvania	11	30	24.75	23	20.48					3	2	4	4	3	5	2																	
Wisconsin	5	21	24.26	15	22.85				1	1			3	1	1	1	1	3	1	1					1								
Total	85	439	23.47	363	22.16				5	13	29	20	36	34	47	39	29	37	32	22	6	3	9	1	1								
FITTING OR STITCHING DEPARTMENT																																	
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), male:																																	
Maryland and Virginia	2	4	11.00	3	12.00				1	1	1																						
Massachusetts	2	3	17.47	3	16.34						1	1	1	1	1	1																	
New York	4	12	36.95	10	34.68				1						1	1	1			1							2	1					
Pennsylvania	2	2	21.46	1	27.76													1															
Other States	2	3	30.12	3	27.61			1			1																						
Total	12	24	27.96	20	27.12				1	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1		
Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters), female:																																	
Illinois	6	70	15.96	39	15.85			2	4	10	1	6	5	2	1	1	3	2	1	1													
Maine	5	53	16.20	31	16.18					2	3	10	3	4	1	1	3	4															
Maryland and Virginia	5	14	10.43	13	10.35			1	4	6		1	1																				
Massachusetts	22	209	18.14	176	17.29			1	5	13	15	29	19	18	14	23	12	8	10	4	3	2											
Michigan	2	11	15.42	4	14.24					1	1	1	1	1	1																		
Minnesota	4	12	18.14	7	15.19					1	1	2	2				1																
Missouri	5	88	14.72	73	14.33			1	4	16	18	15	8	3	4	3	1																
New Hampshire	5	41	15.20	37	13.91			1	6	5	6	7	5		3	1				1						2							
New Jersey	3	30	20.20	27	18.90						4	6	2	4	2	4	2	3															
New York	13	180	18.11	128	17.33					3	10	28	14	27	18	7	9	2	1	3	3	1	1										
Ohio	6	138	14.37	87	14.68					9	12	19	19	12	8	3	3	2															

TABLE D.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose actual earnings in one week were—																								
		Number	Average full-time earnings per week	Number	Average earnings actually made	Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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	
FITTING OR STITCHING DEPARTMENT—continued																														
Cementers and doublers, hand and machine, female—Contd.																														
Pennsylvania.....	10	102	\$13.37	75	\$12.93			1	21	17	15	4	6	4	4	1		1	1											
Wisconsin.....	6	16	18.48	8	18.10										1					1										
Total.....	92	964	16.35	705	15.80			2	16	65	98	135	96	85	57	48	39	22	17	10	8	3	1	2		1				
Lining makers, (including lining closers, side and top facing stitchers), female:																														
Illinois.....	6	95	19.46	72	19.04					1	7	5	13	11	10	6	2	5	4	4	3			1						
Maine.....	5	68	19.47	31	15.45					1	3	5	8	9	4	1														
Maryland and Virginia.....	5	12	15.88	9	14.57				2	1	2	1	1	1																
Massachusetts.....	24	225	20.41	172	19.20			7	5	12	14	17	23	23	12	20	12	12	5	5	3	1	1							
Michigan.....	3	14	14.57	7	15.00							4	1		1	1														
Minnesota.....	4	12	19.78	11	18.65							3	2		2	2			2											
Missouri.....	5	114	14.98	91	14.10				1	17	20	13	11	12	2	9	3	3												
New Hampshire.....	6	53	19.98	46	17.05			3	2	2	4	5	6	6	3	1		2	3	1	2									
New Jersey.....	4	10	19.05	10	17.75							2	3	1	2				1											
New York.....	13	148	20.42	75	19.16			1	2	3	7	8	19	6	7	5	4	5	3	3					1	1				
Ohio.....	5	73	14.75	48	14.28				5	8	9	7	4	4	2	3	1													
Pennsylvania.....	11	67	14.38	60	13.86			2	6	10	16	10	10	2	2			1												

Wisconsin	6	29	19.36	23	15.81																														
Total	96	920	18.40	655	17.03		4	21	46	75	88	97	75	66	47	33	23	26	15	12	6	1	2	1	1										
Top stitchers (including under-trimmers and barber trimmers), male:																																			
Maryland and Virginia	3	5	28.02	5	28.00														1	1	1	2													
Massachusetts	7	25	32.78	23	30.25					3	1	1	1			1	2		1	2	2	2	2			1		1	1	3	1				
New York	4	12	35.45	10	36.05														2	1	1	2				2	1	2	1						
Pennsylvania	3	30	31.68	30	32.84									1	1	3	2	3	1	2	2	1	4		3	1	3		1	1					
Other States	4	6	31.74	5	29.12					1										1	1	1													
Total	21	78	32.33	73	31.88					4	1	1	2	1	3	3	6	5	7	7	6	5	5	5	3	5	1	4	2						
Top stitchers (including under-trimmers and barber trimmers), female:																																			
Illinois	6	55	22.02	44	21.71				1	2	6	2	5	6	4	3	4		2	1	2	2								1					
Maine	5	76	18.71	45	15.55			4	17	4	2	3		7	2	1	1		1	1															
Maryland and Virginia	3	8	19.32	6	19.15											1	2																		
Massachusetts	23	302	28.38	261	27.16		1	1		4	6	10	12	22	27	25	27		18	23	16	9	13			7	7	18	9	5	1				
Michigan	3	31	15.69	23	14.60				1	2	8	6	2	3																					
Minnesota	4	24	26.11	16	24.94									3		2	1	1		2		5	1												
Missouri	5	153	18.22	122	15.84			1	13	22	1	18	13	7	7	8	2		7	1	1									1					
New Hampshire	5	70	20.04	56	18.89			1	3	4	6	5	5	2	10	7	8		3	1	1														
New Jersey	4	8	18.43	8	17.63						1	3		2																					
New York	12	177	24.54	144	24.41						1	8	18	15	12	21	23		14	10	6	5	3	2	1			3	1						
Ohio	6	89	18.50	69	16.88					6	9	7	7	7	6	2	1		3		1	3													
Pennsylvania	11	76	20.71	57	19.74					1	2	1	10	12	9	7	4	3	4	1	1			1	1										
Wisconsin	6	32	24.30	19	21.00						1	2	2	5					2	4	3														
Total	93	1,101	23.02	870	21.76		2	2	29	63	62	73	92	88	79	76	75	57	39	33	20	21	11	8	19	13	6	1							
Vampers, male:																																			
Maine	4	11	28.09	5	29.84														1		2	1	1												
Maryland and Virginia	3	10	30.84	10	30.77														1	1	1	2	1												
Massachusetts	19	164	34.63	138	32.07				1					2	3	6	13		10	15	16	18	21		7	6	11	3	3						
Missouri	2	6	27.66	5	27.04							3																							
New Hampshire	5	17	27.52	15	24.33						1	2							2	2	1	3	1	1	2										
New Jersey	2	5	34.65	4	32.96											1						1													
New York	6	60	36.46	52	37.33									2	1	1	7		2	5	4	3	2	3	2	6	5	2	5	2	5	2			
Pennsylvania	3	11	42.95	10	45.66																1														
Other States	4	12	33.40	11	29.18									1	2	1					1	2	2												
Total	48	296	34.41	250	32.93					1	1	5	4	7	8	10	23	16	25	28	27	26	10	11	21	10	8	5							
Vampers, female:																																			
Illinois	6	99	25.44	84	24.66									6	7	10	8	3	6	5	1	2	2	1	7	1									
Maine	5	44	26.55	31	25.04									6	6	3	3		7	1	3	1	1												
Maryland and Virginia	4	12	20.76	9	19.80																														
Massachusetts	24	226	32.42	200	30.25									10	12	18	17		10	16	29	11	15		8	3	23	7	4	2					

TABLE D.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose actual earnings in one week were—																								
		Number	Average full-time earnings per week	Number	Average earnings actually made	Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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	
						Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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	
FITTING OR STITCHING DEPARTMENT—continued																														
Vampers, female—Continued.																														
Michigan.....	3	37	\$14.67	26	\$15.00			1	1	11	4	5	1	2		1														
Minnesota.....	4	23	27.46	19	26.27								1	5	2	3			3	1	2	1	1							
Missouri.....	5	153	21.76	110	20.51					20	12	20	12	7	2	4			4	6	6	7	2							
New Hampshire.....	5	47	27.13	42	22.41			4	5	2				1	3	5	3		5	8	3	1			1					
New Jersey.....	4	8	27.41	7	26.79						1	1							1	1	1	1								
New York.....	13	131	25.36	106	25.12				1	2	5	8	11	15	12	10			11	9	9	1	2	4	1	2	1		2	
Ohio.....	6	99	22.33	79	19.36					6	7	7	8	16	5	9	7		3	2	3	3								
Pennsylvania.....	10	65	27.02	44	27.17					1	1	3	2	3	8	1	2		2	2	1	2	6	3	1	3	1			
Wisconsin.....	6	39	26.81	36	22.75						2	3	6	6	5	5			3	4	1	1								
Total.....	95	983	26.13	793	24.65			1	7	23	51	47	70	68	76	69	65	51	60	62	30	30	19	7	37	11	5	4		
LASTING DEPARTMENT																														
Assemblers for pulling-over machine, male:																														
Illinois.....	5	29	30.83	24	30.69				1		1	1				2	2	2	3	6			1	2	2	1				
Maine.....	4	21	28.83	12	23.48							2			1	4	2		1	2										
Maryland and Virginia.....	4	10	19.45	8	20.35				1		1	1	1	1	1				1	1										
Massachusetts.....	16	73	31.83	66	27.18					2	3	4	1	7	2	8			4	8	5	6	4	1	1	2				
Minnesota.....	4	10	33.07	10	29.99														1	3										
Missouri.....	5	70	27.27	62	22.36					1	1		7	8	6	3	17	10	1	3	1									

New Hampshire	5	25	25.97	22	20.72			2	3	1	1	1	3	6	3			1	1														
New Jersey	3	9	22.33	8	26.50						1	1	1	2	1	1		1	1	1		1											
New York	9	59	25.75	45	25.13			1		2	2	4	9	6	5	2	1	5	2	2	1	1			2						1		
Ohio	6	46	25.40	22	20.95					1	1	7	8	1	1	1	1	1	2	1													
Pennsylvania	9	24	23.43	20	21.74			1		1	2		2	1	4	4		1	1														
Wisconsin	5	14	31.68	14	25.32						1	2	2		1	3	2		2														
Other States	1	6	23.25	6	19.40						1	2	2																				
Total	76	396	27.61	319	24.51			4	5	9	16	28	31	33	24	44	34	19	26	18	9	7	3	5	3	1							
Assemblers for pulling-over machine, female:																																	
Illinois	2	10	12.76	7	10.90			2	4	1																							
Massachusetts	4	17	25.44	12	17.80			3		3		1	2						1	1	1												
Other States	2	6	19.71	6	19.33						3			2																			
Total	8	33	19.95	25	16.24			5	4	4	3	1	2	2				2	1	1													
Bed-machine operators, male:																																	
Illinois	5	74	36.95	59	37.13							1		3	7	4		2	1	3	3	4	5	2	10	1					3		
Maine	4	52	34.06	34	30.96								2		1	4	9	4	2	4	5	1	2	2									
Maryland and Virginia	3	7	25.65	6	23.32						1		2																				
Massachusetts	23	367	35.45	331	33.25			1		3	1	4	6	14	28		30	36	48	44	26	17	21	27	11	8	5					1	
Michigan	3	19	32.80	14	26.37						1		2	2	3		2	2	3	1	1												
Minnesota	4	24	38.16	23	33.73								2	1			1	3	6	2	1		1	4	1								
Missouri	5	138	33.87	130	31.07						1	2	2	5	5	5	13	10	39	17	4	4	10	6	9	2							
New Hampshire	5	63	32.26	60	26.90			1		2	5	6	1	3	4	3	3	8	6	6	1		2	4									
New Jersey	4	15	28.70	14	30.34								1	1	1	1	3	2	2	1													
New York	12	157	31.90	132	31.52						1		5	12	7	14	14	12	9	10	5	7	13	8	10	6			1	1			
Ohio	4	46	35.53	36	31.17								2	4	3	2	3	2	2	5	5	1	3	2	2								
Pennsylvania	10	43	30.13	39	28.90							1	5	1	4	3	2	5	4	6	5	4	1	4									
Wisconsin	5	27	35.24	26	32.15						1			1	1	1	4		4	5	3	4	2	1									
Total	87	1,032	34.22	904	31.92			1	1	2	11	13	23	38	50	67	86	84	120	104	59	52	62	72	35	15	6					4	
Turn lasters, hand (including first and second lasters), male:																																	
Maryland and Virginia	3	10	29.18	8	29.70								1	1	1	1	1																
Massachusetts	5	115	45.17	78	26.04			15	6	2	3	4	2	1	1	2	1	8	5	4		7	2	10	6	1						1	
Missouri	2	52	35.76	38	32.31											1	3	2	8	14													
New Jersey	2	9	31.85	9	30.41												1	2	5														
New York	9	107	33.98	63	35.37								1		3		6	5	2	2	2	3	10	7	8						1		
Ohio	2	45	38.49	42	36.45							1	1	5	5	2	2	2	2	2		3	1	5	1	12	3				1		
Pennsylvania	4	89	44.30	81	47.83								2	7	4	3	3	3	5	2	2	4	4	7	7	3	13					16	
Wisconsin	2	39	32.64	37	27.43							1	3	1	6	10	7	7	2	5													
Other States	2	27	26.87	27	25.93						1	1	2	2	4	2	8	8	1														
Total	31	496	38.08	383	34.25			15	6	2	3	4	2	9	22	26	36	31	35	20	20	21	18	37	24	6	15						

TABLE D.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose actual earnings in one week were—																												
	Number of establishments	Average full-time earnings per week	Number	Average earnings actually made	Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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					
BOTTOMING DEPARTMENT																																	
Goodyear stitchers, male:																																	
Illinois	3	26	\$44.26	22	\$45.10								2	1		1		1															
Maine	4	13	32.22	7	26.79														4														
Massachusetts	21	159	42.34	153	37.73			2	1	2	2	1	1	2	3	4	5	12	11	8													
Michigan	3	8	36.50	8	28.95													2															
Minnesota	4	13	35.81	11	31.98							2		2																			
Missouri	4	59	31.45	51	29.59							3	5	5	5	3	2	10	5	3													
New Hampshire	4	38	34.46	35	27.18				1	2	5	5	2	1		1	3	1	2														
New Jersey	2	4	41.62	4	41.26															1													
New York	11	88	38.40	71	39.53								1	7	5	5	3	9	4														
Ohio	3	16	34.03	4	17.75					2																							
Pennsylvania	10	36	31.29	33	28.42				1			1	2	1	1	5	5	1	6	5	3												
Wisconsin	5	19	37.24	15	34.35									1		1	1	4															
Other States	1	1	37.15	1	31.43													1															
Total	75	480	37.97	415	34.99			2	3	4	10	9	10	13	18	24	21	25	47	27	21	21	21	32	60	35	21	10		2			
Edge trimmers, male:																																	
Illinois	6	37	42.05	27	41.62								1	1		1	2	2			1				1	4	4	5	3		1		
Maine	5	43	30.11	34	28.87					2				4		2	2	2		2		3											
Maryland and Virginia	5	12	26.11	11	26.62									1		3	1	1	2		1												

Massachusetts	24	208	42.26	200	38.68						1	1	2	2	3	5	7	8	10	15	16	11	14	12	11	21	14	26	8	13		
Michigan	3	8	38.50	8	29.07											1	1	1	1	1	1	2	2	2	2	2	3	4	1			
Minnesota	4	11	33.94	10	30.94											2	1	1	1	1	1	1	1	1	1	1	3	4	1			
Missouri	5	65	35.66	64	31.71										3	1	3	4	5	4	16	6	6	9	1	5	4	1				
New Hampshire	5	39	35.94	33	30.00							1	1	5	2	1	1	2			1	1	6	2	2	4	1	1				
New Jersey	4	6	39.23	6	45.37												1	1		1						2	2	1		1		
New York	13	110	37.58	94	33.72										1		6	9	6	14	12	15	7	6	1	5	6	3	1	2		
Ohio	6	57	32.05	32	25.34										4	11	4	1	1	6	6	1	1	3	3	1	5	6				
Pennsylvania	11	39	33.17	36	31.39							1			4	1	1	5	6	2	4	2	3	4	1	6	2	3				
Wisconsin	6	21	41.21	21	34.03										4	2	2	1		1	2	2	2	4	2	2	3					
Total	97	656	37.73	576	34.29						1	3	5	8	18	27	30	40	37	52	59	47	40	41	22	53	29	35	12	17		
FINISHING DEPARTMENT																																
Edge setters, male:																																
Illinois	6	39	39.56	31	37.13									1		3	1			3	2		1				4	14				
Maine	5	41	29.74	31	28.27								2	2	1	5	1	2	4	4	3		1	1	1	1	3		1			
Maryland and Virginia	5	11	28.12	9	27.54									1	1	1	1					4										
Massachusetts	24	198	41.68	192	37.96						1	1	1	2	5	6	3	7	12	19	14	8	11	11	13	26	10	20	22			
Michigan	3	9	35.71	9	25.18							1				2	2			3		3										
Minnesota	4	14	30.86	12	25.56										1	2	3					2	3		1							
Missouri	5	58	37.47	50	32.70									2	3	3	1	1	1	11	4	2	6	4	4	3	4	11				
New Hampshire	5	30	34.75	24	29.09								2	4	3	3	5								1	3	2	2	2			
New Jersey	4	12	32.35	12	32.86							1			1				3							2	2	1				
New York	13	110	34.49	84	28.27									1	7	18	23	6	4	1	2	2	1	3	3	4	5	5	1	2	1	
Ohio	6	58	34.78	48	29.73										1	1	3	8	6	11	5	4	5			2	2	2				
Pennsylvania	11	47	31.93	39	28.75	1					2		1		1	3	3	7	2	1	4	2	5		1	3	3					
Wisconsin	6	21	38.92	19	34.27													1	3		2	1	2	3	2	2	2	1				
Total	97	648	36.85	560	32.85	1					2	1	4	4	8	29	47	38	35	35	58	32	32	36	25	28	60	38	21	25	1	
Treers, hand and machine, male:																																
Illinois	6	29	26.09	25	24.73						2	1		2	1	3	3	2	1	2	3	2	1	1	1	1						
Maine	5	46	28.09	25	26.04									1	4	2	2	3		2				4	2	1						
Maryland and Virginia	4	10	20.51	5	24.01												1				1			1								
Massachusetts	24	371	34.25	315	30.94						2	2	7	10	22	17	30	42	29	28	18	19	15	20	35	16	3					
Michigan	2	22	24.90	20	22.36							1				3	3	4	2				1									
Minnesota	4	13	30.96	10	29.49											1	3									1	1					
Missouri	4	93	32.13	78	30.91										3	2	3	6	4	10	16	15	9	5	4	1	1					
New Hampshire	5	63	29.93	59	28.13								3		2	5	7	5	5	8	6	5	7	4	1	1						
New Jersey	4	12	32.75	12	30.88						1				2	1	1							3	1	3						
New York	11	121	28.27	104	27.57								4	4	6	7	9	10	10	22	9	4	14	1	2	1	1	1				
Ohio	2	33	21.30	25	22.21										2	7	3	1	1	2	1	1										
Pennsylvania	11	65	26.92	60	26.74								3	2	7	3	6	7	10	4	5	1	3	6	1	2	2					
Wisconsin	6	26	33.00	23	30.13								1	2	1		3	3					2	5	1	3	2					
Total	88	904	30.58	761	28.96	2	4	6	18	15	51	57	61	68	77	78	78	77	78	71	47	60	45	34	46	18	3					

TABLE D.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE WEEK BY EMPLOYEES IN 14 TYPICAL OCCUPATIONS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY DEPARTMENT, SEX, AND STATE, 1924—Continued

Department, occupation, sex, and State	All employees		Employees who worked on all days on which there was work in the occupation in one week		Number of employees whose actual earnings in one week were—																									
	Number of establishments	Average full-time earnings per week	Number	Average earnings actually made	Under \$4	\$4 and under \$6	\$6 and under \$8	\$8 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		
					Number	Average earnings actually made																								
FINISHING DEPARTMENT—contd.																														
Treers, hand and machine, female:																														
Illinois.....	5	44	\$22.48	32	\$23.17			1		1	1		1	5	9	5	3	6												
Massachusetts.....	5	20	21.70	17	20.30				2	3	1	4	2	2			1			2										
Minnesota.....	2	5	19.01	5	18.33				1	1		3	1																	
Missouri.....	3	38	20.50	25	20.01			1	1	2	6	1	5	3	3				2											
New York.....	6	26	20.91	14	18.82					2	8	2	1									1								
Ohio.....	4	35	20.41	31	17.06				5	5	7	6	6			1														
Pennsylvania.....	3	4	18.07	3	17.91				1	1							1													
Other States.....	3	12	18.27	8	15.79					2	1	3	1																	
Total.....	31	184	21.03	135	19.38			3	2	11	16	23	20	21	14	9	5	6	2	2	1									
Repairers (not cobblers) (including tip fixers and scourers), male:																														
Illinois.....	3	6	27.65	6	28.93							1			1	1						1	1	1						
Maine.....	3	9	21.35	6	19.55					2		2	1				1													
Maryland and Virginia.....	5	8	21.07	6	22.81					1	1	1																		
Massachusetts.....	8	15	25.63	12	24.99							2	1	2	1			1		3	2	2								
Minnesota.....	2	3	27.55	3	26.03							1					1			1										
Missouri.....	2	4	20.59	4	20.75					1		1				1														
New Hampshire.....	2	6	20.93	5	21.43							2		1		1		1												

New Jersey.....	2	3	27.90	3	28.44																																					
New York.....	7	25	29.08	22	30.09					1				2	1	3	1	1	1																							
Ohio.....	2	3	17.05	3	17.59					2																																
Pennsylvania.....	7	10	19.67	7	19.30					1	1	2																														
Wisconsin.....	3	7	32.18	5	29.81					1																																
Total.....	46	99	25.13	82	25.37					1	4	5	8	5	6	6	8	8	8	7	6	5	6	3	2	1											1					
Repairers (not cobblers) (including tip fixers and scourers), female:																																										
Illinois.....	5	50	17.66	43	17.58					4	5	6	9	7	6	3		1	1	1																						
Maine.....	3	35	18.08	30	16.93						7	6	9	4	3	1																										
Maryland and Virginia.....	2	5	12.02	4	14.78					2	1																															
Massachusetts.....	20	197	22.32	168	21.59						1	4	3	9	21	51	37	37																								
Minnesota.....	3	11	16.32	9	16.04																																					
Missouri.....	5	63	13.39	48	14.02				1	1				1	3	2	2	1																								
New Hampshire.....	4	56	13.92	32	18.43				1	10	17	7	8	2	3	2	3																									
New Jersey.....	3	7	14.59	6	14.25						1																															
New York.....	12	90	19.28	76	18.54				1																																	
Ohio.....	5	30	14.17	20	13.60				1	2	5	11	12	7	6	10	8	7																								
Pennsylvania.....	7	27	16.88	22	16.93						1	6	5	5	2																											
Wisconsin.....	4	14	13.35	13	16.86																																					
Other States.....	1	10	15.10	6	14.75						1																															
Total.....	74	595	20.05	477	18.46				1	6	31	60	56	69	56	82	55	45	3	3	9	1																				

GENERAL TABLES