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WAGES AND HOURS OF LABOR SERIES

WAGES AND HOURS OF LABOR
IN WOOLEN AND WORSTED
GOODS MANUFACTURING, 1918



AUGUST, 1919

WASHINGTON
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WAGES AND HOURS OF LABOR IN WOOLEN AND WORSTED GOODS MANUFACTURING, 1918.

INTRODUCTION AND SUMMARY.

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

An extended description of the processes, machines used, and work done by the employees engaged in the several occupations appeared in Bulletin No. 238 of the bureau (June, 1918).

In 1918 the average full-time weekly earnings of male employees in the selected occupations shown varied from \$13.58 for doffers to \$30.04 for loom fixers.

The full-time weekly earnings of female employees varied from \$9.85 for doffers to \$21.96 for weavers.

A summary of the hourly earnings and hours of labor from 1907 to 1918, inclusive, in the principal occupations of the industry is presented in Table 1. This table shows very clearly the general reduction of hours and increase of wages between 1907 and 1918, as well as the prevailing rates and hours in 1918.

¹ Previous reports of wages and hours of labor in woolen and worsted goods manufacturing have been published by the bureau, as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 128 (August, 1913), covering 1907 to 1912; Bulletin No. 150 (May, 1914), covering 1912 and 1913; Bulletin No. 190 (May, 1916), covering 1913 and 1914; and Bulletin No. 238 (June, 1918), covering 1914 and 1916.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, BY YEARS.

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

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose earnings per hour were—															
						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.				
Wool sorters, male:																									
11 establishments.....	1907	184	58.0	\$0.238	\$16.51	9	79	12	.....	2	3	3	8	45	39	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1908	164	57.8	.233	12.89	13	78	9	.....	1	5	10	7	68	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1909	186	57.9	.239	13.84	8	84	8	.....	.....	1	1	3	63	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1910	193	56.5	.246	13.90	84	5	11	.....	1	4	1	3	24	65	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
18 establishments.....	1910	289	56.3	.247	13.86	88	4	8	.....	1	3	(1)	3	22	69	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911	335	56.3	.249	14.03	89	4	7	.....	.....	2	1	1	23	73	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
19 establishments.....	1911	444	56.4	.241	13.54	83	12	5	.....	.....	1	7	4	29	58	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912	471	55.2	.267	14.72	61	21	14	.....	.....	.....	.....	4	17	73	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1913	246	55.0	.281	15.43	65	21	14	.....	.....	(1)	.....	2	5	78	14	.....	.....	.....	.....	.....	.....	.....	.....	.....
14 establishments.....	1913	246	55.0	.281	15.42	65	21	14	.....	.....	(1)	.....	2	5	78	14	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	372	54.2	.276	14.96	83	17	1	.....	.....	1	1	5	12	61	21	(1)	.....	.....	.....	.....	.....	.....	.....	.....
15 establishments.....	1914	381	54.2	.276	14.97	83	17	(1)	.....	.....	(1)	1	4	12	62	21	(1)	.....	.....	.....	.....	.....	.....	.....	.....
	1916	385	54.1	.326	17.67	81	18	1	.....	.....	1	(1)	1	6	7	86	.....	.....	.....	.....	.....	.....	.....	.....	.....
17 establishments.....	1916	412	54.1	.329	17.80	83	17	.....	.....	.....	(1)	(1)	(1)	5	7	86	(1)	.....	.....	.....	.....	.....	.....	.....	.....
	1918	505	54.1	.470	25.44	92	8	.....	.....	.....	(1)	(1)	(1)	(1)	1	19	(1)	15	65	(1)	.....	.....	.....	.....	.....
20 establishments.....	1918	538	54.4	.400	24.94	87	7	5	.....	.....	(1)	.....	.....	(1)	6	18	14	61	(1)	.....	.....	.....	.....	.....	.....
Card tenders, male:																									
19 establishments.....	1907	145	58.6	.126	7.38	9	48	43	.....	29	55	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1908	136	58.6	.121	7.09	10	47	43	.....	36	51	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1909	134	58.4	.124	7.24	10	55	35	.....	30	54	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1910	133	57.3	.125	7.16	52	26	22	.....	34	49	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26 establishments.....	1910	201	56.9	.127	7.25	66	20	14	.....	27	49	23	(1)	(1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911	196	56.9	.141	8.02	68	18	14	.....	34	42	17	(1)	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

40 establishments.....	1911	320	57.1	.136	7.73	55	35	10	38	38	20	4								
	1912	412	56.4	.135	7.64	36	18	33	13	18	31	4	(1)							
	1913	329	56.3	.142	8.01	32	24	36	8	8	42	52	8	(1)	(1)					
38 establishments.....	1913	333	56.5	.144	8.11	30	22	38	10	7	31	50	10	2	(1)					
	1914	371	55.9	.147	8.20	49	17	19	15	3	40	37	17	2	(1)	1				
41 establishments.....	1914	398	56.1	.147	8.26	46	18	19	18	4	37	37	17	3	1					
	1916	468	56.0	.186	10.38	45	19	18	19		2	3	39	35	17	3				
47 establishments.....	1916	533	55.8	.186	10.38	47	22	15	17		2	3	38	32	22	3				
	1918	599	54.8	.287	15.75	68	16	1	14				(1)	32	11	57	31	1		
Card strippers, male: 18 establishments.....	1907	89	58.2	.145	8.44	19	43	38	3	34	45	18								
	1908	79	58.1	.145	8.42	19	49	32	1	39	46	13		1						
	1909	80	58.1	.151	8.77	16	53	31		29	43	24		5						
	1910	88	57.7	.151	8.71	36	34	30	1	26	47	20		5	1					
27 establishments.....	1910	162	57.0	.153	8.69	64	20	16	1	15	57	23	4	1						
	1911	155	56.9	.153	8.71	65	21	15		13	59	22	5	1						
42 establishments.....	1911	223	57.1	.151	8.62	52	37	11	4	15	57	21	3	(1)	3					
	1912	240	56.9	.163	9.29	29	15	39	17		2	33	57	5	3					
	1913	238	56.4	.167	9.41	29	24	43	4			22	61	16	1					
42 establishments.....	1913	236	56.5	.168	9.46	27	23	45	5		21	60	17	1						
	1914	245	55.7	.169	9.42	49	21	20	10	1	12	73	9	4						
43 establishments.....	1914	250	55.7	.169	9.44	48	20	20	12	1	1	12	10	4						
	1916	269	55.6	.205	11.42	53	16	21	11			1	72	2	27	67	3			
48 establishments.....	1916	303	55.5	.209	11.61	53	19	18	10			(1)	2	24	68	5				
	1918	359	54.8	.324	17.77	76	15	2	7					1	14	83	2			
Comber tenders, male: 4 establishments.....	1907	52	58.5	.133	7.78			75	25	2	69	29								
	1908	29	58.6	.131	7.68			72	28		72	24	3							
	1909	29	58.6	.137	8.03			72	28		28	66	34							
	1910	42	57.2	.140	8.01	69			31		33	67								
6 establishments.....	1910	106	59.5	.139	7.87	88		12			55	45								
	1911	124	56.5	.138	7.82	87		13	1		60	40								
9 establishments.....	1911	188	56.5	.141	7.94	82	10	9	6		57	27	10							
	1912	181	55.1	.156	8.56	72	8	12	8		11	64	12	13						
	1913	115	54.8	.156	8.51	77	6	17			8	55	35	3						
5 establishments.....	1913	112	54.8	.156	8.52	79	4	17			7	55	35	3						
	1914	215	55.5	.162	9.01	68	8		24		(1)	54	31	14						
6 establishments.....	1914	228	55.8	.161	9.00	64	7		28		(1)	57	29	14						
	1916	268	56.3	.199	11.20	60	1		38			22	41	37	(1)					

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, BY YEARS—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose earnings per hour were—															
						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.				
Comber tenders, male—Concl'd. 8 establishments.	1916	274	56.3	\$0.199	\$11.18	59	1	2	38				57	43	(1)										
	1918	244	55.8	.314	17.50	69	1		30						14	11	75								
9 establishments.	1918	248	55.8	.314	17.49	69	1		29						14	10	75								
Comber tenders, female: 4 establishments.	1907	101	55.7	.099	5.51		78	18	4	82	8	10													
	1908	117	55.8	.099	5.52		78	17	5	83	16														
	1909	111	55.8	.102	5.69		77	20	4	80	20														
	1910	110	55.4	.110	6.09		96		4	82		18													
6 establishments.	1910	129	55.5	.111	6.13		97		3	78	6	16													
	1911	118	55.4	.109	6.02		97		3	88	9	3													
7 establishments.	1911	139	55.8	.109	6.10		82	15	3	90	8	2													
	1912	150	55.8	.116	6.47		82	13	5	75	15	10													
	1913	163	56.1	.117	6.57	1	75	15	8	62	30	9													
6 establishments.	1913	161	56.1	.117	6.56		76	16	8	62	30	8													
	1914	162	54.7	.119	6.53	25	75			61	13	25	1												
6 establishments.	1914	162	54.8	.119	6.52	25	75			61	13	25	1												
	1916	149	53.5	.175	9.37	61	39				1	11	58	11	19										
10 establishments.	1916	178	53.5	.177	9.46	67	33				1	12	51	17	16	2									
	1918	308	52.7	.259	13.31	73	27							11	31	49	7	2							
12 establishments. Drawing-frame tenders, male: 5 establishments.	1918	328	52.8	.258	13.59	75	25						(1)	11	32	46	9	2							
	1916	211	55.0	.178	9.80	77	4	8	11		(1)	1	71	24	(1)	2	1								
1918	180	54.1	.269	15.09	96	4							1	34	54	7	3	(1)							
6 establishments.	1918	193	54.1	.264	14.81	96	4						1	5	33	51	7	3	(1)						

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, BY YEARS—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose earnings per hour were—																						
						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.											
																						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.
Spinners, frame, female—Concl'd.	1910	578	56.0	\$0.122	\$6.85	.....	97	.....	3	52	41	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911	683	56.0	.127	7.17	.....	98	.....	2	31	58	11	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10 establishments.....	1911	1,002	56.4	.126	7.07	.....	80	19	1	40	47	13	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912	1,070	55.2	.144	7.92	.....	53	32	14	1	4	34	53	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1913	751	55.5	.140	7.78	.....	43	34	23	.....	2	42	54	2	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	742	55.5	.140	7.79	.....	43	34	23	.....	2	41	54	2	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9 establishments.....	1914	970	54.2	.147	7.95	.....	75	25	.....	.....	1	28	54	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1916	1,011	53.9	.184	9.93	.....	76	24	.....	(¹)	.....	1	7	30	46	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14 establishments.....	1916	1,202	53.9	.180	9.68	.....	77	20	2	(¹)	.....	8	8	27	43	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1918	1,316	52.4	.278	14.63	.....	91	9	.....	.....	.....	.....	.....	1	2	21	43	32	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15 establishments.....	1918	1,330	52.4	.278	14.62	.....	91	9	.....	.....	.....	.....	.....	1	2	21	44	32	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1918	138	50.5	.266	13.58	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Doffers, male:	1916	255	49.8	.161	8.05	100	
	1918	138	50.5	.266	13.58	100	
Doffers, female:	1916	709	52.2	.135	7.05	69	30	2	6	44	46	1	3	(¹)	
	1918	829	48.6	.203	9.85	92	8	2	20	36	36	5	1	
Twister tenders, female:	1907	186	57.2	.112	6.41	42	36	22	75	18	7	
	1908	138	57.6	.114	6.57	32	41	28	57	38	4	
	1909	223	58.0	.112	6.50	22	42	36	63	31	5
	1910	216	57.2	.114	6.52	56	13	31	59	31	6	
10 establishments.....	1910	332	56.9	.126	7.16	68	9	23	55	27	7	
	1911	342	56.8	.124	7.03	75	25	43	44	7	
12 establishments.....	1911	600	56.7	.131	7.40	76	10	14	33	27	34	3	2	2	(¹)	
	1912	751	55.7	.137	7.62	51	28	5	16	23	23	47	6	1	(¹)	
	1913	598	55.4	.135	7.50	.....	45	38	8	9	13	47	34	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

11 establishments.....	1913	578	55.5	.186	7.55	43	41	8	9	13	46	35	4	1	1				
	1914	884	54.3	.144	7.80	74	26			19	18	51	7	2	1	1	(¹)		
11 establishments.....	1914	884	54.3	.144	7.81	74	26			19	18	51	7	2	1	1	(¹)		
	1916	749	54.1	.177	9.56	84	16				1	15	35	42	1	1			
23 establishments.....	1916	1,028	54.2	.174	9.43	84	11	4			5	17	35	35	7	1			
	1918	793	53.9	.267	13.82	92	8			(¹)	(¹)	(¹)	(¹)	2	39	50	9	(¹)	
24 establishments.....	1918	802	53.9	.256	13.80	92	8			(¹)		(¹)	(¹)	2	40	49	9	(¹)	
Spooler tenders, female: 55 establishments.....	1916	1,571	54.1	.173	9.40	81	8	11		5	7	31	31	7	11	5	3	(¹)	
	1918	1,507	53.6	.270	14.52	82	18			(¹)	(¹)	2	2	4	52	12	16	7	4
56 establishments.....	1918	1,514	58.6	.270	14.51	82	18			(¹)	(¹)	2	2	4	52	18	16	7	4
Dresser tenders, male: 19 establishments.....	1907	119	58.8	.224	13.17		5	48	47			1	3	6	81	9			
	1908	97	58.4	.225	13.14		7	62	31				2	10	74	13			
	1909	126	58.3	.224	13.06		13	52	34				10	2	74	15			
	1910	126	57.9	.228	13.26		36	29	35				6	1	78	15			
27 establishments.....	1910	214	57.1	.242	13.80		61	18	21				6	2	50	41	2		
	1911	215	57.1	.239	13.65		63	16	20				7	4	46	42	1		
46 establishments.....	1911	387	57.1	.243	13.85		58	28	14				4	3	45	46	1		
	1912	384	56.4	.262	14.71	28	35	26	11				3	3	37	51	10		
	1913	346	56.2	.261	14.66	28	37	30	5				2	2	35	53	9		
46 establishments.....	1913	347	56.3	.263	14.80	26	37	30	7				1	1	34	55	9		
	1914	356	55.1	.274	15.04	64	18	12	7				1	1	25	40	33		
47 establishments.....	1914	368	55.2	.273	15.03	63	17	11	9				1	1	26	40	32		
	1916	374	54.9	.317	17.36	67	17	10	6				1		5	25	69	1	
55 establishments.....	1916	422	55.0	.318	17.47	63	19	12	5				(¹)		4	24	70	2	
	1918	439	54.6	.459	24.65	76	18		6							(¹)	12	66	20
58 establishments.....	1918	469	54.6	.452	24.28	72	22		6							(¹)	18	62	18
Drawers-in, female: 52 establishments.....	1916	424	54.7	.250	13.68	63	26	12		2	3	4	5	10	25	29	20	2	
	1918	396	54.2	.355	19.24	79	21			(¹)			1	2	12	17	39	21	5
55 establishments.....	1918	406	54.2	.355	19.23	79	21			(¹)		(¹)	2	12	18	39	21	5	(¹)
Loom fixers, male: 19 establishments.....	1907	223	58.0	.267	15.49		14	63	23				(¹)	1	23	70	6		
	1908	218	57.9	.262	15.17		16	69	16				(¹)	1	22	72	5		
	1909	242	58.1	.263	15.28		12	66	22					2	17	77	5		
	1910	260	57.0	.270	15.39		63	13	20				1	1	10	82	6		

¹ Less than 1 per cent.

48 establishments.....	1914	4,336	55.2	.238	13.10	60	19	11	9	1	2	4	7	10	34	29	12	(1)			
	1916	4,659	54.9	.308	16.86	65	18	13	4	(1)	1	1	2	3	17	25	41	(1)	(1)	(1)	
61 establishments.....	1916	5,431	54.9	.304	15.95	66	17	14	4	(1)	1	1	2	3	17	26	40	10	1	(1)	(1)
	1918	5,412	54.5	.470	25.52	75	21	.....	4	(1)	(1)	(1)	(1)	2	2	5	21	34	25	11	3
Weavers, female:																					
19 establishments.....	1907	1,873	58.0	.188	10.90	.....	15	63	22	5	8	12	16	22	31	6	1	(1)			
	1908	1,882	57.7	.166	9.59	.....	18	70	12	11	14	20	21	17	16	1	(1)				
	1909	1,807	57.6	.166	9.56	.....	22	65	13	15	14	17	20	15	16	2	1	(1)			
	1910	2,116	56.4	.174	9.81	.....	30	8	12	11	11	15	17	20	29	2	1	(1)			
27 establishments.....	1910	2,855	56.3	.180	10.14	.....	84	7	9	9	10	14	17	19	25	5	1	(1)			
	1911	2,366	56.4	.178	10.06	.....	81	6	12	9	11	16	18	17	23	5	1	(1)			
46 establishments.....	1911	3,384	56.8	.184	10.47	.....	63	28	9	9	12	16	16	15	23	6	1	(1)			
	1912	3,686	55.9	.206	11.48	39	28	25	8	5	5	9	14	17	32	14	5	(1)			
	1913	3,481	55.9	.197	11.00	31	32	33	2	4	9	11	16	18	27	12	3	(1)			
47 establishments.....	1913	3,499	56.0	.197	11.08	39	32	36	2	4	8	11	16	18	27	12	3	(1)			
	1914	3,789	54.8	.202	11.08	39	36	8	.....	6	6	9	13	16	30	15	4	(1)			
48 establishments.....	1914	3,869	54.7	.206	11.08	54	39	8	.....	6	9	13	16	30	15	4	(1)				
	1916	4,021	54.5	.279	14.84	57	36	7	.....	(1)	1	2	4	6	26	29	27	5	(1)		
61 establishments.....	1916	4,505	54.5	.271	14.76	90	39	8	.....	(1)	1	2	4	6	26	30	26	4	(1)		
	1918	5,265	54.1	.406	21.96	79	21	.....	(1)	(1)	(1)	4	1	5	10	34	29	4	(1)	14	5
Burlers, female:																					
18 establishments.....	1907	611	58.3	.122	7.11	.....	9	61	30	64	18	9	5	3	2	(1)					
	1908	494	58.0	.116	6.79	.....	12	69	19	65	23	8	3	1	1	.....				
	1909	582	58.0	.123	7.13	.....	13	68	20	59	18	12	5	4	4	(1)					
	1910	598	56.9	.194	7.06	.....	68	16	17	57	19	16	4	2	2	.....				
26 establishments.....	1910	1,094	56.5	.190	7.93	.....	81	9	10	49	27	14	10	8	2	(1)					
	1911	1,010	56.6	.127	7.90	.....	79	8	13	44	32	12	8	4	2	(1)					
43 establishments.....	1911	1,516	56.8	.180	7.36	.....	65	27	9	42	28	14	9	4	2	(1)	(1)				
	1912	1,471	55.9	.147	8.22	48	17	28	7	14	44	13	12	7	10	1	(1)				
44 establishments.....	1912	1,562	55.9	.145	8.25	46	17	30	7	17	42	13	11	7	9	1	(1)				
	1913	1,635	55.6	.146	8.13	45	26	24	2	18	39	13	14	8	8	1	(1)				
44 establishments.....	1913	1,643	55.6	.146	8.14	52	20	26	2	19	38	13	14	8	8	1	(1)				
	1914	1,755	54.6	.154	8.41	55	40	5	.....	17	32	12	12	12	12	3	(1)				
44 establishments.....	1914	1,756	54.6	.155	8.47	55	40	4	.....	17	32	12	12	12	12	3	(1)				
	1916	1,617	54.6	.189	10.92	62	36	8	.....	2	7	23	13	13	26	12	1				
55 establishments.....	1916	1,889	54.6	.185	10.09	65	26	9	.....	2	8	24	17	15	24	9	(1)				
	1918	1,867	54.1	.276	14.94	83	17	.....	(1)	(1)	1	1	6	36	30	20	5	1	(1)	(1)	

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, BY YEARS—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose earnings per hour were—											
						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.
Menders, female:																					
18 establishments.....	1907	403	58.5	\$0.145	\$8.48	14	39	47	17	30	20	9	8	8	1						
	1908	341	58.4	.148	8.64	18	33	49	31	18	17	11	10	10	3						
	1909	583	58.8	.137	8.06	13	31	57	44	14	15	8	7	10	2						
	1910	498	58.0	.148	8.58	34	23	43	37	16	12	6	16	9	3	1					
25 establishments.....	1910	1,196	56.8	.160	9.09	73	10	18	25	14	9	16	17	16	3	(1)					
	1911	1,115	56.9	.159	9.05	72	7	21	22	13	15	15	20	13	1	(1)					
44 establishments.....	1911	1,623	56.8	.160	9.07	72	14	15	20	15	16	14	20	12	1	(1)					
	1912	1,668	55.7	.189	10.50	53	20	14	12	9	9	11	11	17	34	7	2	(1)			
42 establishments.....	1912	1,589	55.6	.193	10.71	56	20	11	13	6	8	11	12	18	36	8	2	(1)			
	1913	1,388	55.3	.183	10.11	57	23	16	4	7	12	12	15	18	27	7	1				
42 establishments.....	1913	1,363	55.4	.181	10.02	55	23	18	4	7	13	12	15	19	27	6	1				
	1914	1,494	54.4	.195	10.56	83	8	9		5	11	11	11	14	38	9	2				
43 establishments.....	1914	1,501	54.4	.195	10.57	83	8	9		5	11	11	10	14	38	9	2				
	1916	1,481	54.2	.245	13.28	87	6	6		1	2	2	5	10	41	22	15	1	(1)		
53 establishments.....	1916	1,767	54.3	.245	13.28	87	5	8		1	1	3	5	10	42	23	14	1	(1)		
	1918	1,685	54.1	.349	18.91	91	8			(1)	(1)	(1)	(1)	(1)	6	18	53	16	4	1	
Laborers, dyehouse, male:																					
19 establishments.....	1907	434	58.1	.144	8.37	12	65	23		41	55	4	(1)								
	1908	385	57.8	.140	8.09	16	68	16		71	24	4	(1)								
	1909	514	57.9	.137	7.93	16	63	21		71	23	5	(1)								
	1910	570	56.5	.142	8.02	78	12	10		35	59	5		1							
27 establishments.....	1910	837	56.3	.143	8.06	85	9	7		(1)	36	52	11	1	(1)						
	1911	877	56.5	.145	8.16	82	7	11		(1)	30	59	10	1	(1)						

45 establishments.....	1911	1,116	56.6	.145	8.22	74	17	9	(1)	32	51	15	1	(1)								
	1912	1,093	55.5	.157	8.72	51	25	17	7	(1)	7	62	28	2	1	(1)						
	1913	1,033	55.5	.159	8.81	46	29	22	2		5	61	27	5								
46 establishments.....	1913	1,041	55.6	.159	8.84	45	29	24	3		5	61	28	5	1							
	1914	1,415	54.8	.160	8.74	70	18	7	6	(1)	8	54	27	9	1	(1)						
47 establishments.....	1914	1,427	54.9	.160	8.75	69	18	7	7	(1)	8	54	28	9	1	(1)						
	1916	1,560	55.1	.196	10.82	60	25	10	5	(1)	(1)	1	5	56	36	1	(1)					
55 establishments.....	1916	1,636	55.0	.197	10.83	60	25	10	5	(1)	(1)	(1)	5	56	37	2	(1)					
	1918	1,606	54.7	.304	16.60	69	25		7			(1)		56	37	2	(1)	45	52	(1)	(1)	
Other employees, male:																						
47 establishments.....	1914	13,947	55.7	.180	10.03	61	18	7	14	7	13	26	16	9	15	10	3	(1)	(1)	(1)	(1)	
	1916	13,503	55.7	.223	12.43	58	20	9	13	(1)	2	5	16	27	25	12	12	1	(1)	(1)	(1)	
63 establishments.....	1916	16,978	55.8	.225	12.51	52	26	8	14	1	2	5	13	23	30	12	11	1	(1)	(1)	(1)	
	1918	17,308	55.3	.330	18.24	64	23	1	13	(1)	(1)	(1)	1	1	9	25	47	11	(1)	4	(1)	(1)
Other employees, female:																						
46 establishments.....	1914	7,781	54.2	.139	7.54	72	24	4		26	32	25	7	5	5	2	1	(1)			(1)	(1)
	1916	4,242	54.1	.170	9.16	72	24	3	(1)	4	12	23	34	10	13	2	1	(1)			(1)	(1)
61 establishments.....	1916	6,347	53.9	.168	9.05	63	34	4	(1)	4	14	23	33	10	13	2	1	(1)			(1)	(1)
	1918	6,362	53.4	.250	13.37	74	26			(1)	(1)	2	3	8	41	33	10	(1)	2	(1)	(1)	(1)
63 establishments.....	1918	6,407	53.4	.250	13.37	74	26			(1)	(1)	2	3	8	42	32	10	2	(1)	(1)	(1)	(1)

¹Less than 1 per cent.

As wages and hours differ in different establishments, the inclusion or exclusion of any establishment in a group may raise or lower the average for the group, so that exact comparisons can be made between the actual wages and hours shown for different years only where the data for the several years are from identical establishments. To illustrate: In the fifth column of Table 1 it is seen that in 43 establishments the full-time weekly earnings of burlers increased from \$7.36 in 1911 to \$8.22 in 1912. In 44 establishments there was a decrease from \$8.25 in 1912 to \$8.13 in 1913. It would not be a proper comparison, however, to state that weekly earnings had increased from \$7.36 in 1911 to \$8.13 in 1913, because of the change in the number of establishments and of the difference in the average for 1912 in the two groups of establishments.

To aid in making comparisons where the establishments change more or less from year to year, relative or index numbers have been computed for full-time hours per week, hourly earnings, and full-time weekly earnings for each selected occupation, for the years 1910 to 1918, inclusive. These relative numbers, which are based on the averages in Table 1, are shown in Table 2 and are simply percentages in which the figures for 1913 are taken as the base or 100 per cent. Thus the facts in percentage form for each year are brought into direct comparison with the facts for the year immediately preceding the World War. The year 1913 was selected as a basis of comparison as it marks the end of a distinct economic period.

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, BY YEARS.

1913=100.

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
Wool sorters, male:				Comber tenders, male:			
1910.....	102	88	90	1910.....	103	89	92
1911.....	103	86	88	1911.....	103	90	93
1912.....	100	95	95	1912.....	101	100	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	98	97	1914.....	102	103	106
1916.....	98	117	115	1916.....	103	128	131
1918.....	99	164	162	1918.....	102	201	206
Card tenders, male:				Comber tenders, female:			
1910.....	101	89	91	1910.....	99	95	93
1911.....	101	96	97	1911.....	99	93	93
1912.....	100	95	95	1912.....	99	99	98
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	104	103	1914.....	98	102	99
1916.....	99	131	130	1916.....	95	151	144
1918.....	97	202	197	1918.....	94	221	207
Card strippers, male:				Spinners, mule, male:			
1910.....	101	91	92	1910.....	101	94	95
1911.....	101	90	91	1911.....	101	94	95
1912.....	101	97	98	1912.....	100	100	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	101	100	1914.....	99	104	103
1916.....	98	124	123	1916.....	98	132	130
1918.....	97	193	188	1918.....	97	209	204

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, BY YEARS.—Concl'd.

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
Spinners, frame, male:				Weavers, male:			
1910.....	104	92	96	1910.....	101	89	90
1911.....	104	97	101	1911.....	101	91	92
1912.....	100	116	116	1912.....	100	102	102
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	106	106	1914.....	98	103	100
1916.....	100	141	141	1916.....	98	131	122
1918.....	98	232	228	1918.....	97	203	195
Spinners, frame, female:				Weavers, female:			
1910.....	101	87	88	1910.....	101	91	92
1911.....	102	90	91	1911.....	101	93	95
1912.....	99	103	102	1912.....	100	105	104
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	105	103	1914.....	98	103	100
1916.....	97	129	124	1916.....	97	138	134
1918.....	94	199	188	1918.....	97	206	199
Twister tenders, female:				Burlers, female:			
1910.....	103	93	95	1910.....	102	89	90
1911.....	192	97	99	1911.....	102	89	90
1912.....	101	101	102	1912.....	101	99	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	107	104	1914.....	98	106	104
1916.....	98	129	126	1916.....	98	127	124
1918.....	97	190	184	1918.....	97	189	184
Dresser tenders, male:				Menders, female:			
1910.....	101	92	93	1910.....	103	88	91
1911.....	101	92	94	1911.....	103	88	91
1912.....	100	100	99	1912.....	101	104	105
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	104	102	1914.....	98	108	105
1916.....	98	121	118	1916.....	98	135	133
1918.....	97	172	164	1918.....	98	193	189
Loom fixers, male:				Laborers, dyehouse, male:			
1910.....	101	94	95	1910.....	101	90	91
1911.....	102	93	94	1911.....	102	91	93
1912.....	100	104	104	1912.....	100	99	99
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	105	104	1914.....	99	101	99
1916.....	98	128	125	1916.....	99	124	123
1918.....	98	186	182	1918.....	98	191	188

The relative number for each year preceding 1913 and for each subsequent year is the per cent that the average for that year is of the average for 1913. For example, Table 2 shows that relatively the full-time weekly earnings of male frame spinners in 1910 were only 96 per cent of their weekly earnings in 1913. In 1911 they were 1 per cent higher, and in 1912 16 per cent higher, than in 1913. In 1914 they were 6 per cent higher, in 1916 they were 41 per cent higher, and in 1918 they reached a point 128 per cent higher than in 1913.

Table 3 is a summary showing, by States, the number and per cent of employees working certain classified percentages of full time during the period for which data were obtained. This table is divided into two sections—one relating to employees whose time was reported for one week and the other relating to those whose time was reported for two weeks in such a way that it could not be divided. In a majority of establishments a part of the force is on a one-week pay roll and part on a two-week pay roll, hence such plants have a representation in each section of the table. A few employees, data concerning whom were incomplete, are omitted from this table.

18 WAGES AND HOURS OF LABOR—WOOLEN AND WORSTED GOODS.

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

ONE-WEEK PAY ROLLS.

State.	Number of establishments.	Number of employees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Connecticut.....	6	768	596	78	172	22	71	9	28	4	6	1
Maine.....	12	1,556	1,161	75	395	25	125	8	51	3	12	2
Massachusetts.....	12	14,310	10,640	74	3,670	26	1,281	9	594	4	216	2
New Hampshire.....	6	1,272	971	76	301	24	140	11	74	6	33	3
New Jersey.....	3	7,555	4,691	62	2,864	38	899	12	257	3	85	1
New York.....	3	1,721	868	50	853	50	357	21	116	7	30	2
Pennsylvania.....	7	1,278	661	52	617	48	160	13	44	3	19	1
Rhode Island.....	5	4,269	3,168	74	1,101	26	539	13	244	6	62	1
Vermont.....	3	1,622	983	61	639	39	206	13	89	5	36	2
Total.....	57	34,351	23,739	69	10,612	31	3,778	11	1,497	4	497	1

TWO-WEEK PAY ROLLS.

Connecticut.....	6	576	322	56	254	44	92	16	53	9	17	3
Maine.....	12	1,042	430	41	612	59	153	15	70	7	15	1
Massachusetts.....	11	4,668	2,557	55	2,111	45	828	18	227	5	79	2
New Hampshire.....	6	3,866	2,120	55	1,746	45	622	16	319	8	118	3
New Jersey.....	3	1,461	50	3	1,411	97	158	11	69	5	36	2
New York.....	2	1,185	12	6	173	94	34	18	16	9	3	2
Pennsylvania.....	10	3,046	1,625	53	1,421	47	428	14	198	7	78	3
Rhode Island.....	5	1,399	893	64	506	36	140	10	44	3	16	1
Vermont.....	3	595	66	11	529	89	118	20	44	7	6	1
Total.....	58	16,838	8,075	48	8,763	52	2,573	15	1,040	6	368	2

According to the first section of this table, 69 per cent of the employees worked full time or over during the period covered by the pay rolls, and 31 per cent did not work full time. Eleven per cent worked under 75 per cent of full time, and by deduction it is seen that 20 per cent of the employees worked 75 per cent and under 100 per cent of full time. The pay-roll period of the second section being two weeks the proportion of employees making full time is much lower, 48 per cent. Relatively, however, the figures are nearly the same, for if 68 per cent of the force began the second week with a clear record and 68 per cent of this number made full time the second week, then 46 per cent ($68 \times 0.68 = 46$) would work full time in two weeks.

Table 4 is a summary of General Table D, page 69, showing for each occupation the average full-time hours per week of the establishments in comparison with the average hours actually worked in the pay-roll period reported and comparing the average full-time weekly earnings with the average amount actually earned in the week.

Like Table 3, this table also is divided into two sections—one representing one-week pay rolls and the other two-week pay rolls. As in Table 3, a few employees have been omitted from Table 4 on account of incomplete data.

TABLE 4.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS, AND AMOUNTS ACTUALLY EARNED DURING 1 PAY-ROLL PERIOD, BY OCCUPATION AND SEX, 1918.

ONE-WEEK PAY ROLLS.

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours actually worked per employee during 1 week.	Average full-time weekly earnings.	Average amount actually earned per employee during 1 week.
Wool sorters, male.....	16	474	54.5	53.9	25.05	24.89
Card tenders, male.....	41	519	54.9	53.3	15.66	15.28
Card strippers, male.....	42	311	54.9	56.1	17.77	18.20
Comber tenders, male.....	8	218	56.0	54.1	17.92	17.28
Comber tenders, female.....	7	260	52.5	47.8	13.25	11.96
Drawing-frame tenders, male.....	4	87	54.1	54.8	16.84	15.94
Drawing-frame tenders, female.....	10	1,392	53.7	49.0	14.37	12.44
Spinners, mule, male.....	23	606	54.8	49.2	23.98	21.73
Spinners, frame, male.....	6	161	53.0	52.9	16.73	16.82
Spinners, frame, female.....	12	1,071	53.7	38.5	15.22	11.06
Doffers, male.....	5	138	50.5	46.3	13.58	12.47
Doffers, female.....	8	467	50.6	43.5	10.50	9.01
Twister tenders, female.....	19	654	53.9	49.6	13.85	12.78
Spooler tenders, female.....	50	1,362	53.6	47.0	14.90	12.99
Dresser tenders, male.....	54	446	54.6	54.2	24.25	24.40
Drawers-in, female.....	51	361	54.2	48.5	20.15	17.58
Loom fixers, male.....	54	625	54.7	53.0	28.20	27.32
Burlers, female.....	49	1,502	54.1	48.5	14.75	13.15
Menders, female.....	40	900	54.2	47.0	18.10	15.68
Laborers, dyehouse, male.....	51	1,467	54.7	58.5	16.60	17.78
Other employees, male.....	56	15,636	55.4	54.9	18.36	18.34
Other employees, female.....	56	5,694	53.4	49.2	13.48	12.37

TWO-WEEK PAY ROLLS.

Wool sorters, male.....	4	64	108.0	112.1	48.21	49.76
Card tenders, male.....	6	80	108.7	104.7	31.61	30.64
Card strippers, male.....	6	48	108.8	110.5	35.56	36.20
Comber tenders, male.....	1	30	108.0	99.0	28.68	25.85
Comber tenders, female.....	5	68	108.0	85.3	29.77	23.18
Drawing-frame tenders, male.....	2	106	108.0	100.4	26.28	24.34
Drawing-frame tenders, female.....	5	368	100.2	88.8	23.37	20.31
Spinners, mule, male.....	20	608	108.4	98.4	59.32	52.32
Spinners, frame, female.....	4	259	94.3	84.7	24.34	21.42
Doffers, female.....	4	362	92.0	78.0	18.01	14.93
Twister tenders, female.....	5	148	107.9	94.4	27.16	24.28
Spooler tenders, female.....	6	152	107.9	95.5	21.96	19.40
Dresser tenders, male.....	4	23	109.0	102.5	49.73	46.75
Drawers-in, female.....	4	45	108.0	88.3	23.74	19.48
Loom fixers, male.....	7	218	108.1	105.9	70.69	69.15
Weavers, male.....	58	5,520	108.7	97.9	51.48	46.64
Weavers, female.....	58	5,116	108.2	96.8	44.14	40.01
Burlers, female.....	6	365	108.0	95.7	31.20	27.73
Menders, female.....	7	785	108.0	77.9	30.70	28.65
Laborers, dyehouse, male.....	5	139	108.8	120.4	33.27	37.14
Other employees, male.....	7	1,621	109.1	111.6	34.24	32.91
Other employees, female.....	7	713	107.4	91.9	25.02	21.36

EXPLANATION OF SCOPE AND METHOD.

This report includes data from establishments making woolen and worsted materials for ladies' wear, including dress goods and cloakings; materials for men's wear, including suitings and overcoatings; goods for uniforms; flannels; and blankets. All data were secured from pay rolls of the various establishments by agents of the bureau. The number of establishments included or summarized in the report has varied considerably since 1907, as follows:

Identical establishments.

1907 to 1910.....	19
1910 and 1911.....	27
1911, 1912, and 1913.....	46
1913 and 1914.....	47
1914 and 1916.....	48
1916 and 1918.....	61

In addition to the 61 establishments from which data were secured for both 1916 and 1918, data were secured from 2 establishments for 1918 only, making a total of 63 establishments from which data for 1918 are presented.

In selecting establishments from which to secure data the bureau undertook to represent all States in which woolen and worsted manufacturing is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures. Table 5 shows, by States, the number of employees in this industry as reported by the United States Census, 1910, the number of establishments from which the bureau secured data for 1918, and the number of employees in such establishments:

TABLE 5.—TOTAL NUMBER OF EMPLOYEES IN WOOLEN AND WORSTED GOODS MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN FOR 1918.

State.	Number of employees reported by United States census of 1910.	Establishments and employees for which data are shown for 1918 in this report.	
		Number of establishments.	Number of employees.
Massachusetts.....	53,783	12	19,135
Pennsylvania.....	27,409	12	4,324
Rhode Island.....	24,924	5	5,668
New Jersey.....	12,652	3	9,016
New Hampshire.....	9,486	7	5,261
New York.....	9,460	3	2,269
Maine.....	8,754	12	2,598
Connecticut.....	7,789	6	1,344
Vermont.....	2,294	3	2,313
Other States.....	12,171	.....	.....
Total.....	168,722	63	51,928

According to the census of 1910, nearly 93 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 secured 1918 data and for which detailed information for 1918 is presented in this report is more than 30 per cent of the total in the industry in 1910.

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

The earnings per hour appearing in the tables include the wages of timeworkers and the earnings of pieceworkers. All time rates not already on an hourly basis have been reduced to rates per hour, and the earnings of pieceworkers and of persons working at both time and piece rates have been reduced to rates per hour by dividing the earnings by the hours worked. For 1918 the pieceworkers and timeworkers of each occupation are shown separately and also combined as one group.

Where there was no record regularly kept of the actual time worked by employees, the establishments, at the request of the bureau, kept a record for the pay-roll period selected.

The full-time weekly earnings are the earnings of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week. The actual earnings of employees during one pay-roll period are shown in Table D. In this table low earnings may be due either to a low rate or to broken time.

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

Descriptions of all the operations in a representative woolen mill appeared in Bulletin No. 238, U. S. Bureau of Labor Statistics (June, 1918). Figures relating to wages and hours are shown separately for 17 of the more important occupations. The sex of employees is shown for each occupation. Of the 17 occupations tabulated, data are shown for males alone in 7 occupations, for females alone in 5 occupations, and for both males and females in 5 occupations. The occupations, which are arranged in order of manufacture, are as follows:

Wool sorters.	Drawing frame tenders.
Card tenders.	Spinners, mule.
Card strippers.	Spinners, frame.
Comber tenders.	Doffers.

Twister tenders.	Weavers.
Spooler tenders.	Burlers.
Dresser tenders.	Menders.
Drawers-in.	Laborers, dyehouse.
Loom fixers.	

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

GENERAL TABLES.

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

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

In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data secured for 1918, whether or not comparable data for 1916 were available.

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

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

Table C.—Average and classified full-time hours per week and earnings per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1918.

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

Table D.—Average full-time hours, hours actually worked, full-time earnings, and amounts actually earned, and number of employees working each classified per cent of full time and earning each classified amount, during one pay-roll period, for pieceworkers and timeworkers, by States, 1918.

This table includes data from all establishments from which information was secured for 1918. The table is divided into two sections, one relating to employees whose time and earnings were reported for one week, and the other relating to those whose time and earnings were reported for two weeks in such a way that they could not be divided. A few employees have been omitted from this table, owing to incomplete data.

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

3 establishments.....	1913	115	54.0	.136	7.33					1	86	28								
	1914	282	53.9	.145	7.80	3				8	101	160	12	1						
3 establishments.....	1914	267	53.9	.144	7.75	3				8	103	144	11	1						
	1916	266	53.9	.191	10.30	2						8	57	73	128					
2 establishments.....	1916	260	53.9	.192	10.35	2							3	56	73	128				
	1918	151	53.0	.319	16.91	18									11	50	85	4	1	
5 establishments.....	1918	161	53.0	.316	16.74	18									13	58	85	4	1	
	1907	323	57.6	.127	7.32					50	256	17	131	77	115					
Spinners, frame, female: 5 establishments.....	1908	284	57.5	.122	7.02					60	208	16	98	186						
	1909	295	57.5	.124	7.13					60	222	13	67	228						
	1910	286	56.0	.128	7.17					269		17	54	193	39					
8 establishments.....	1910	578	56.0	.122	6.85					561		17	300	239	39					
	1911	683	56.0	.127	7.17					671		12	210	395	75	3				
10 establishments.....	1911	1,002	56.4	.126	7.07					801	189	12	400	469	130	8				
	1912	1,070	55.2	.144	7.92					567	345	151	7	51	365	564	90			
	1913	751	55.5	.140	7.78					325	262	174		17	315	404	14	1		
9 establishments.....	1913	742	55.5	.140	7.79					316	252	174		17	306	404	14	1		
	1914	970	54.2	.147	7.95	11				721	238		8	274	524	159	5			
9 establishments.....	1914	970	54.2	.147	7.99	11				721	238		8	274	524	159	5			
	1916	1,011	53.9	.184	9.98	9	55			702	245		1	6	69	299	461	175		
14 establishments.....	1916	1,202	53.9	.180	9.68	12	79			840	245	26		1	91	92	326	514	178	
	1918	1,316	52.4	.278	14.68	85	58	1,050		123						19	22	277	568	425
15 establishments.....	1918	1,330	52.4	.278	14.62	85	58	1,064		123						19	22	278	581	425
Doffers, male: 5 establishments.....	1916	255	49.8	.161	8.05	124				131			4	12	188	3	16	17	10	5
	1918	138	50.5	.266	13.58	55				83					6	23	46	18	35	10
Doffers, female: 12 establishments.....	1916	709	52.2	.135	7.05	158	30	300		210	11		40	314	323	6	18	3		
	1918	829	48.6	.203	9.85	305	14	442		68					15	164	300	300	88	7
Twister tenders, female: 7 establishments.....	1907	186	57.2	.112	6.41					78	67	41	139	34	13					
	1908	138	57.6	.114	6.57					44	56	38	79	53	6					
	1909	223	58.0	.112	6.30					50	93	80	140	69	11	8				
	1910	216	57.2	.114	6.52					120	29	67	127	67	14	2	3	3		
10 establishments.....	1910	332	56.9	.126	7.16					227	29	76	184	90	23	2	3	30		
	1911	342	56.8	.124	7.03					258		84	149	149	23	7	7	7		
12 establishments.....	1911	600	56.7	.131	7.40					456	60	84	197	160	205	18	10	9	1	
	1912	751	55.7	.137	7.62					385	209	36	121	173	352	44	6	1		
	1913	598	55.4	.135	7.50					272	227	47	52	77	284	202	26	5	4	

55 establishments.....	1916	422	55.0	.318	17.47	.....	267	82	52	21	.....	.....	.....	.....	.....	2	.....	17	102	294	7	.....	.....	.....
	1918	439	54.6	.459	24.65	.....	334	79	.....	26	.....	.....	.....	.....	.....	.....	.....	.....	2	54	288	86	9	.....
58 establishments.....	1918	469	54.6	.452	24.28	.....	339	104	.....	26	.....	.....	.....	.....	.....	.....	.....	.....	2	83	289	86	9	.....
Drawers-in, female:																									
52 establishments.....	1916	424	54.7	.250	13.68	.....	266	106	52	.....	7	13	18	23	43	107	122	83	83	8	.....	.....	.....	.....
	1918	396	54.2	.355	19.24	4	307	85	.....	.....	.....	1	.....	.....	2	8	48	69	155	85	18	1	9	.....
55 establishments.....	1918	406	54.2	.355	19.23	4	317	85	.....	.....	.....	.....	.....	.....	2	8	48	73	159	86	19	1	9	.....
Loom fixers, male:																									
19 establishments.....	1907	223	58.0	.267	15.49	.....	.....	31	140	52	.....	.....	.....	1	2	51	155	14	.....	.....	.....	.....	.....	.....
	1908	218	57.9	.262	15.17	.....	.....	32	151	35	.....	.....	.....	1	3	47	157	10	.....	.....	.....	.....	.....	.....
	1909	242	58.1	.263	15.28	.....	.....	29	160	53	.....	.....	.....	.....	4	41	186	11	.....	.....	.....	.....	.....	.....
	1910	260	57.0	.270	15.39	.....	.....	172	35	53	.....	.....	.....	2	3	27	212	16	.....	.....	.....	.....	.....	.....
27 establishments.....	1910	429	56.6	.279	15.76	.....	.....	338	38	53	.....	.....	.....	2	3	27	326	71	.....	.....	.....	.....	.....	.....
	1911	390	56.6	.278	15.70	.....	.....	309	37	44	.....	.....	.....	1	4	24	301	60	.....	.....	.....	.....	.....	.....
46 establishments.....	1911	569	56.7	.275	15.59	.....	.....	399	136	44	.....	.....	.....	.....	3	98	357	111	.....	.....	.....	.....	.....	.....
	1912	589	55.9	.308	17.13	.....	.....	222	191	125	51	.....	.....	.....	.....	46	292	222	29	.....	.....	.....	.....	.....
	1913	578	55.7	.298	16.56	.....	.....	234	182	142	20	.....	.....	1	.....	50	315	210	2	.....	.....	.....	.....	.....
47 establishments.....	1913	581	55.8	.297	16.55	.....	.....	224	182	151	24	.....	.....	1	.....	50	325	203	2	.....	.....	.....	.....	.....
	1914	642	55.0	.313	17.22	.....	.....	382	175	43	37	.....	.....	.....	.....	40	291	287	21	2	1	.....	.....	.....
47 establishments.....	1914	651	55.1	.312	17.18	.....	.....	330	175	48	48	.....	.....	.....	.....	42	298	287	21	2	1	.....	.....	.....
	1916	682	54.9	.377	20.66	5	398	188	61	30	.....	.....	.....	.....	3	49	399	184	46	1	.....	.....	.....	.....
60 establishments.....	1916	794	54.9	.381	20.70	5	473	206	80	30	.....	.....	.....	.....	.....	5	51	442	247	46	3	.....	.....	.....
	1918	837	54.5	.552	30.06	6	620	171	.....	40	.....	.....	.....	.....	.....	.....	.....	26	270	375	43	123	.....	.....
61 establishments.....	1908	843	54.5	.552	30.04	6	626	171	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	26	270	381	43	123	.....
Weavers, male:																									
19 establishments.....	1907	1,653	58.5	.203	11.88	.....	.....	185	743	725	84	82	148	221	281	588	185	60	4	.....	.....	.....	.....	.....
	1908	1,409	58.6	.196	11.49	.....	.....	43	849	517	55	101	177	208	254	445	120	43	6	.....	.....	.....	.....	.....
	1909	1,589	58.6	.199	11.66	.....	.....	49	1,001	539	80	113	193	213	247	497	172	68	6	.....	.....	.....	.....	.....
	1910	1,716	57.8	.199	11.50	.....	.....	704	498	544	30	79	175	288	393	562	160	27	2	.....	.....	.....	.....	.....
27 establishments.....	1910	2,907	57.1	.207	11.79	.....	.....	1,880	483	544	65	124	249	442	552	956	393	117	8	.....	.....	.....	.....	.....
	1911	2,563	57.1	.210	11.97	.....	.....	1,653	361	549	68	102	248	352	383	934	471	101	.....	.....	.....	.....	.....	.....
46 establishments.....	1911	4,049	57.1	.210	11.97	.....	.....	2,430	1,032	587	120	170	358	509	619	1,411	703	154	5	.....	.....	.....	.....	.....
	1912	4,476	56.3	.237	13.30	.....	.....	1,494	1,257	1,057	68	58	104	202	336	474	1,528	1,184	574	16	.....	.....	.....	.....
	1913	3,845	56.1	.232	13.03	.....	.....	1,227	1,213	1,220	185	60	87	206	355	460	1,281	942	434	20	.....	.....	.....	.....
47 establishments.....	1913	3,834	56.3	.232	13.06	.....	.....	1,072	1,213	1,316	233	64	86	202	352	463	1,280	939	428	20	.....	.....	.....	.....
	1914	4,312	55.2	.238	13.10	.....	.....	2,617	845	487	363	57	100	185	303	450	1,450	1,230	520	14	2	1	.....	.....
48 establishments.....	1914	4,336	55.2	.238	13.10	.....	.....	2,617	845	487	387	58	100	185	303	452	1,464	1,237	520	14	2	1	.....	.....
	1916	4,859	54.9	.308	16.86	87	3,066	894	617	195	14	28	50	77	123	1,823	1,221	1,968	512	39	2	2	.....	.....
61 establishments.....	1916	5,431	54.9	.304	15.95	87	3,478	929	742	195	19	35	61	92	156	931	1,399	2,167	528	39	2	2	.....	.....
	1918	5,812	54.5	.470	25.52	119	4,262	1,215	.....	216	2	2	6	7	5	110	266	1,211	1,957	1,457	622	167	.....	.....

44 establishments.....	1912	1,562	55.9	.145	8.25			724	268	466	104	269	659	197	175	102	145	14	1						
	1913	1,635	55.6	.146	8.13			733	464	398	40	286	634	209	230	136	126	12	2						
44 establishments.....	1913	1,643	55.6	.146	8.14			856	321	426	40	301	620	209	235	138	126	12	2						
	1914	1,755	54.6	.154	8.41	21		942	707	85		291	563	210	219	213	208	50	1						
44 establishments.....	1914	1,756	54.6	.155	8.47	21		950	707	78		284	563	210	219	213	216	50	1						
	1916	1,617	54.6	.189	10.32	2	10	995	488	122		28	111	365	286	205	421	189	12						
55 establishments.....	1916	1,889	54.6	.185	10.09	2	10	1,222	488	167		37	148	444	328	288	454	177	13						
	1918	1,867	54.1	.276	14.94	5	41	1,500	321				2	6	21	107	669	565	372	96	27	1	1		
Menders, female:																									
18 establishments.....	1907	403	58.5	.145	8.48				57	158	188	97	119	81	37	34	31	4							
	1908	341	58.4	.148	8.64				61	112	168	104	61	57	39	35	35	10							
	1909	583	58.8	.137	8.06				73	179	331	255	82	86	49	42	58	11							
	1910	498	58.0	.148	8.58				170	116	212	184	81	58	30	82	43	16	4						
25 establishments.....	1910	1,196	56.8	.160	9.09				868	116	212	296	168	113	188	200	194	32	5						
	1911	1,115	56.9	.159	9.05				801	75	239	245	149	165	168	227	140	16	5						
44 establishments.....	1911	1,623	56.8	.160	9.07				1,161	223	239	325	243	264	228	332	200	23	8						
	1912	1,668	55.7	.189	10.50			892	339	236	201	151	144	180	184	284	572	124	27						
42 establishments.....	1912	1,589	55.6	.193	10.71			892	314	182	201	92	133	174	183	282	572	124	27	2					
	1913	1,388	55.3	.183	10.11			797	314	221	56	99	168	170	208	253	377	95	18						
42 establishments.....	1913	1,363	55.4	.181	10.02			749	314	244	56	100	171	170	208	253	363	84	14						
	1914	1,494	54.4	.195	10.56	13		1,231	119	131		68	161	161	157	212	569	134	32						
43 establishments.....	1914	1,501	54.4	.195	10.57	13		1,238	119	131		68	161	161	157	212	575	135	32						
	1916	1,481	54.2	.245	13.28	12		1,281	96	92		19	23	37	67	151	613	332	217	18	4				
53 establishments.....	1916	1,767	54.3	.245	13.28	12		1,520	96	139		19	23	47	84	175	735	414	248	18	4				
	1918	1,685	54.1	.349	18.91			1,540	145			2	4	1	8	107	307	890	277	69	11		3		
Laborers, dyehouse, male:																									
19 establishments.....	1907	434	58.1	.144	8.37				50	283	101		177	237	19	1									
	1908	385	57.8	.140	8.09				63	260	62		273	94	16	1	1								
	1909	514	57.9	.137	7.93				82	324	108		367	118	25	2	2								
	1910	570	56.5	.142	8.02				444	70	56		199	338	27	5	1								
27 establishments.....	1910	837	56.3	.143	8.06				708	73	56	1	305	436	88	6	1								
	1911	877	56.5	.145	8.16				719	60	98	1	280	517	89	9	1								
45 establishments.....	1911	1,116	56.6	.145	8.22				821	193	102	1	360	573	170	11	1								
	1912	1,093	55.5	.157	8.72			561	272	185	75	3	74	678	309	18	10	1							
	1913	1,033	55.5	.159	8.81			475	302	231	25		54	635	281	52	11								
46 establishments.....	1913	1,041	55.6	.159	8.84			464	302	245	30		54	633	291	52	11								
	1914	1,415	54.8	.160	8.74			985	255	98	82	1	114	768	385	131	15	1							

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.

WOOL SORTERS: Male.

[In this table the figures for both years are for identical establishments.]

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.	
Massachusetts: 6 establishments.....	1916	235	54.0	\$0.322	\$17.40	1		234							12	14	209							
	1918	290	54.0	.476	25.71			290				1					47	20	222					
New Hampshire: 2 establishments.....	1916	38	54.9	.338	18.59			3	35						1	3	34							
	1918	47	54.0	.436	23.58			47							1	1	16	14	15					
New Jersey: 2 establishments.....	1916	36	54.2	.283	15.34	3			33			2	1	1	7	8	17							
	1918	39	55.0	.416	22.90				39							2	14	18	5					
Rhode Island: 2 establishments.....	1916	71	54.0	.361	19.50			71							1	1	69							
	1918	102	54.0	.488	26.38			102								1	15	12	73	1				
Other States: 5 establishments.....	1916	32	54.0	.348	18.78			31	1						1	3	27	1						
	1918	27	54.0	.480	25.94			26	1							1	3	10	12	1				
Total: 17 establishments.....	1916	412	54.1	.329	17.80	4		339	69			2	1	1	22	29	356	1						
	1918	505	54.1	.470	25.44			465	40				1		1	5	95	74	327	2				

CARD TENDERS: Male.

Connecticut: 5 establishments.....	1916	29	56.0	\$0.180	\$10.01			7	15		7		3	4	4	15	3								
	1918	22	54.3	.277	15.06	1		7	14								1	20	1						
Maine: 10 establishments.....	1916	69	58.1	.178	10.33					66	3		3	9	20	33	4								
	1918	82	54.9	.290	15.88			62	9		11						13	31	38						

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TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

CARD TENDERS: Male—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—														
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.		
Massachusetts: 9 establishments.	1916	187	55.2	\$0.182	\$10.06			145		8	34				95	70	22								
	1918	196	54.5	.281	15.37	12		147		8	29						8	166	22						
New Hampshire: 7 establishments.	1916	69	55.7	.188	10.47			25	30		14			25	18	26									
	1918	103	54.8	.276	15.16			89	4		10					23	44	36							
New Jersey: 2 establishments.	1916	43	55.1	.227	12.47				43						4	2	21	16							
	1918	61	53.2	.328	17.43		22		39								8	49	4						
New York: 3 establishments.	1916	31	59.8	.169	10.11			1			30			1	28	2									
	1918	24	59.0	.267	15.73			4			20					13	9	2							
Pennsylvania: 5 establishments.	1916	63	54.4	.192	10.44			35	28				1	1	21	5	35								
	1918	53	54.4	.305	16.62			30	23							2	22	25	4						
Rhode Island: 4 establishments.	1916	35	54.0	.180	9.74			35					2	2	8	21	2								
	1918	41	54.3	.265	14.43	2		34			5				2	4	31	4							
Vermont: 2 establishments.	1916	7	57.6	.199	11.48					7						3	4								
	1918	17	59.8	.305	18.20					9							11	6							
Total: 47 establishments.	1916	533	55.8	.186	10.38			248	116	81	88			9	17	205	169	117	16						
	1918	599	54.8	.287	15.75	15	22	373	98	8	83					2		64	342	183	8				

CARD STRIPPERS: Male.

Connecticut:																				
5 establishments.....	1916	16	55.2	\$0.206	\$11.36															
	1918	19	54.6	.306	16.71			7	7						4	12				
Maine:																				
11 establishments.....	1916	48	58.1	.207	12.00															
	1918	62	55.0	.336	18.38			51		45	3				14	34				61
Massachusetts:																				
10 establishments.....	1916	108	54.5	.204	11.14	1		97		1	9			2	17	89				
	1918	121	54.2	.333	18.07			117		2	2					2	119			
New Hampshire:																				
7 establishments.....	1916	52	55.3	.194	10.72			22	23						5	24	23			
	1918	58	54.4	.293	16.01			54	1		3					2	25	31		
Pennsylvania:																				
5 establishments.....	1916	39	54.6	.248	13.52			16	23							25	14			
	1918	34	54.5	.359	19.58			17	17							8	19	7		
Rhode Island:																				
4 establishments.....	1916	15	54.0	.217	11.72			15							5	8	2			
	1918	23	54.0	.304	16.40			23							2	6	6	15		
Vermont:																				
2 establishments.....	1916	10	57.7	.221	12.73					10						10				
	1918	30	58.2	.318	18.49				22		8						1	29		
Other States:																				
4 establishments.....	1916	15	57.5	.197	11.30			2	5		8				10	5				
	1918	12	57.2	.308	17.57			4	2		6					4	8			
Total:																				
48 establishments.....	1916	303	55.5	.209	11.61	1		159	58	56	29			2	5	74	206	16		
	1918	359	54.8	.324	17.77			273	54	7	25					5	50	297	7	

COMBERS: Male.

Massachusetts:																				
3 establishments.....	1916	191	55.0	\$0.208	\$11.45			158			33				92	98	1			
	1918	181	55.7	.330	18.38			130			51					1	6	174		
Other States:																				
5 establishments.....	1916	83	59.3	.178	10.56			4	4	5	70			64	19					
	1918	63	56.2	.267	14.98			38	3		22				34	20	9			
Total:																				
8 establishments.....	1916	274	56.3	.199	11.18			162	4	5	103			64	111	98	1			
	1918	244	55.8	.314	17.50			168	3		73				35	26	183			

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued**COMBERS: Female.**

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—																	
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.					
New Jersey: 2 establishments.....	1916	65	52.8	\$0.178	\$9.40		28		37					2	35													
	1918	141	52.9	.255	13.54		59		82							2	63		66	10								
Pennsylvania: 4 establishments.....	1916	29	54.0	.191	10.29			29					1	6	4	14	1	3										
	1918	37	54.0	.297	16.08			37								3	2	23	4	5								
Rhode Island: 2 establishments.....	1916	49	53.5	.179	9.57		6	43							36	13												
	1918	57	49.8	.281	13.95	7		50									6	44	7									
Other States: 2 establishments.....	1916	35	54.9	.165	9.00			14	21				1	14	15	3												
	1918	73	54.0	.228	12.31			73								30	24	18			1							
Total: 10 establishments.....	1916	178	53.5	.177	9.46		34	86	58				2	22	90	30	29	3										
	1918	308	52.7	.259	13.31	7	59	160	82							35	95	151	21	6								

DRAWING-FRAME TENDERS: Male.

Massachusetts: 2 establishments.....	1916	146	53.9	\$0.171	\$9.27	1		145						2	141	3													
	1918	69	54.0	.278	16.44			69								1	5	58	3	2									
Other States: 3 establishments.....	1916	65	57.3	.195	11.16			17	8	17	23		1	1	9	47	1	4	2										
	1918	111	54.1	.263	14.25			103	8							1	56	39	10	4	1								
Total: 5 establishments.....	1916	211	55.0	.178	9.80	1		162	8	17	23		1	3	150	50	1	4	2										
	1918	180	54.1	.269	15.09			172	8							2	61	97	13	6	1								

DRAWING-FRAME TENDERS: Female.

Massachusetts:																						
3 establishments.....	1916	686	53.9	\$0.173	\$9.31	8		678					2	643	35		6					
	1918	592	54.0	.262	14.13	1		591									62	528	2			
New Jersey:																						
2 establishments.....	1916	339	53.1	.175	9.28		126					3	40	166	17		113					
	1918	499	53.4	.256	13.66	1	162										226	226	47			
Pennsylvania:																						
4 establishments.....	1916	131	53.3	.154	8.21	3	11	117				7	53	17	25	16	13					
	1918	111	54.0	.240	12.95			111						1	12	3	54	29	12			
Rhode Island:																						
3 establishments.....	1916	265	52.9	.167	8.84		74	191					61	184	20							
	1918	248	53.4	.237	13.68	5	25	218									223	1	18	1		
Other States:																						
2 establishments.....	1916	182	55.5	.169	9.40				154	28			18	56	61	28	18	1				
	1918	266	48.8	.236	11.59	42		198	26						1	48	106	92	19			
Total:																						
14 establishments.....	1916	1,603	53.7	.170	9.15	11	211	986	367	28		7	74	176	1,079	116	150	1				
	1918	1,716	52.9	.252	13.31	49	187	1,118	362					1	13	51	676	376	98	1		

SPINNERS, MULE: Male.

Connecticut:																							
5 establishments.....	1916	60	56.2	\$0.280	\$15.62		14	29			17			1	2		22	13	21	1			
	1918	72	54.7	.418	22.85		24	48									2	2	1	34	19	15	
Maine:																							
11 establishments.....	1916	166	58.1	.290	16.83				160	6					3	55	44	56	8				
	1918	212	54.6	.600	32.78		187	25	10	10	1							15	33	48	58	37	
Massachusetts:																							
10 establishments.....	1916	471	54.5	.336	18.26		432		9	30						32	93	293	52	1			
	1918	380	54.2	.551	29.81		368		5	7						1	17	113	135	90	24		
New Hampshire:																							
7 establishments.....	1916	126	54.8	.306	16.76		57	64		5						21	47	46	11	1			
	1918	138	54.3	.527	28.65		125	6		7								28	32	41	22	15	
New Jersey:																							
2 establishments.....	1916	112	54.1	.372	20.15		21		91								2		77	31	2		
	1918	154	54.4	.444	24.12		19		135								1	4	44	65	39	1	
New York:																							
3 establishments.....	1916	96	56.4	.301	17.28		57			39						53	2	11	27	3			
	1918	105	59.4	.458	27.18		11			94								7	39	18	22	16	3
Rhode Island:																							
3 establishments.....	1916	85	54.0	.323	17.46		85										15	10	59	1			
	1918	123	54.0	.427	23.04		123										1	4	51	38	25	4	
Pennsylvania:																							
3 establishments.....	1916	51	54.5	.257	14.05		22	29									13	32	6				
	1918	115	53.3	.383	20.42		55	6	54								3	4	60	47	1		

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

SPINNERS, MULE: Male—Concluded.

State and number of establishments.	Year.	Num-ber of employ-ees.	Aver- age full-time hours per week.	Aver- age rate of wages per hour.	Aver- age full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—																									
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.														
Vermont: 2 establishments.....	1916 1918	55 132	57.8 57.8	\$0.284 .472	\$15.24 27.32					55										35	10	9	1														
Total: 46 establishments.....	1916 1918	1,222 1,431	55.3 54.9	.316 .499	17.51 27.42		21 74	667 824	213 343	224 15	97 175	1		1	2	3	246 8	253 20	578 328	132 413	7 355	206 100															

SPINNERS, FRAME: Male.

Massachusetts: 2 establishments.....	1916 1918	260 151	53.9 53.0	\$0.192 .319	\$10.35 16.91	2 18		258 133						3	56	73	128 11			50	85	4	1														
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SPINNERS, FRAME: Female.

Massachusetts: 3 establishments.....	1916 1918	529 604	53.9 53.6	\$0.188 .299	\$10.11 16.13	8 30		521 374						3	101	329	96 22			308	269		5														
New Jersey: 2 establishments.....	1916 1918	136 152	52.9 53.0	.194 .287	10.27 15.18	1 2	55 58		80 92					9	56	16	55 6			77	69																
Pennsylvania: 4 establishments.....	1916 1918	165 132	53.0 54.0	.149 .231	7.95 12.50	3	24	138 132						85	23	24 19	30 17	3 41			52	3															

Rhode Island: 3 establishments.....	1916	181	54.0	.172	9.30			181						1	24	141	8	7				
	1918	221	54.0	.252	13.61			221									1	179	5	36		
Other States: 2 establishments.....	1916	191	55.4	.179	9.92			165	26					1	5	33	4	131	17			
	1918	207	45.7	.268	12.27		53	123	31								4	131	29	126	48	
Total: 14 establishments.....	1916	1,202	53.9	.180	9.68		12	79	840					1	91	92	326	514	178			
	1918	1,316	52.4	.278	14.63		85	58	1,050	245	26						19	277	568	425	5	

DOFFERS: Male.

Massachusetts: 3 establishments.....	1916	236	49.4	\$0.164	\$8.16	124		112								185	3	16	17	10	5	
	1918	102	51.0	.297	15.27	35		67										39	18	35	10	
Rhode Island: 2 establishments.....	1916	19	54.0	.125	6.75			19						4	12	3						
	1918	36	49.1	.179	8.79	20		16								6	23		7			
Total: 5 establishments.....	1916	255	49.8	.161	8.05	124		131						4	12	188	3	16	17	10	5	
	1918	138	50.5	.266	13.58	55		83								6	23	16	46	18	35	10

DOFFERS: Female.

Massachusetts: 3 establishments.....	1916	288	49.5	\$0.147	\$7.31	149		139								275	5	6	2			
	1918	187	48.6	.233	11.40	115		72									1	160	15	7	4	
Pennsylvania: 4 establishments.....	1916	53	50.6	.109	5.53	9	15	29						40	12	1						
	1918	109	53.7	.188	10.12	5		90	14							15	44	22	19	9		
Rhode Island: 2 establishments.....	1916	135	53.9	.124	6.69		3	132														
	1918	165	50.5	.186	9.45	66		99										120	9	36		
Other States: 3 establishments.....	1916	233	54.9	.133	7.28		12	210														
	1918	368	46.2	.198	9.17	119	14	181	54	11				167	52	1	12	12	1	85	14	1
Total: 12 establishments.....	1916	709	52.2	.135	7.05	158	30	300	210	11				40	314	328	6	18	3			
	1918	829	48.6	.203	9.85	305	14	442	68							15	164	300	300	38	7	5

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued

TWISTER TENDERS: Female.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—																	
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.						
Massachusetts: • 3 establishments.	1916	438	53.9	\$0.182	\$9.78	4		434								1	20	103	289	25									
	1918	364	53.8	.263	14.14	9		355											2	56	286	20							
New Jersey: 2 establishments.	1916	94	54.9	.163	8.93	1			93								26	60	8										
	1918	54	53.2	.230	12.23	5	9		40										7	32	15								
New York: 2 establishments.	1916	79	54.0	.149	8.06			79																					
	1918	48	54.0	.232	12.51			48													48								
Pennsylvania: 6 establishments.	1916	198	53.8	.165	8.88		6	192								51	42	51	39	13	2								
	1918	175	53.8	.270	14.55	3		172								1		2	4	59	60	48		1					
Rhode Island: 5 establishments.	1916	139	54.0	.183	9.90			139								3		106	9	17	4								
	1918	93	54.0	.245	13.25			93												83	9	1							
Other States: 5 establishments.	1916	80	56.5	.178	10.02			13	24	43						1	25	23	12	18	1								
	1918	59	54.8	.241	13.18	1		31	27										2	2	30	23	2						
Total: 23 establishments.	1916	1,028	54.2	.174	9.43	5	6	857	117	43						56	177	358	357	73	7								
	1918	793	53.9	.257	13.82	18	9	699	67							1		4	15	308	393	71		1					

SPOOLER TENDERS: Female.

Connecticut: 6 establishments.	1916	46	54.6	\$0.195	\$10.61			19	27						4	6	6	3	6	14	4	3							
	1918	43	52.9	.272	14.46		8	11	24									1	9	12	4	13	4						
Maine: 12 establishments.	1916	85	58.0	.181	10.51					85						2	13	25	10	12	13	7	3						
	1918	110	54.0	.367	19.82			110									1				9	21	35	38	6				

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued

WEAVERS: Male.

State and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—													
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.	
Connecticut: 6 establishments.....	1916 1918	321 429	55.5 54.8	\$0.311 .466	\$17.22 25.51	29 72	253 357	39	2	1	1	3	5	39	78	174	17	1	1
Maine: 12 establishments.....	1916 1918	469 521	58.0 54.0	.297 .553	17.26 29.89	460	9	5	5	14	6	14	92	127	159	38	8	1	54
Massachusetts: 12 establishments.....	1916 1918	2,133 2,087	54.0 54.0	.318 .485	17.15 26.19	.....	.....	2,133 2,087	.....	.....	.....	2	7	16	24	48	282	506	965	261	22	.....	83
New Hampshire: 7 establishments.....	1916 1918	475 488	54.6 53.8	.294 .463	16.04 24.87	.....	.....	207 417	260 18	.....	8 12	3	2	2	4	7	87	183	161	24	2	.....	7
New Jersey: 3 establishments.....	1916 1918	468 386	54.1 54.0	.270 .406	14.60 21.92	.....	.....	87 78	.....	381 308	.....	2	6	10	23	29	123	122	129	23	1	.....	2
New York: 3 establishments.....	1916 1918	176 248	58.7 58.4	.258 .366	15.08 21.18	.....	.....	37 65	.....	.....	139 183	.....	.....	1	2	5	86	52	26	4	.....	1	
Pennsylvania: 10 establishments.....	1916 1918	410 510	54.1 54.9	.281 .395	15.18 21.46	.....	.....	375 353	35 155	.....	.....	1	4	5	10	20	74	132	157	7	.....	.....
Rhode Island: 5 establishments.....	1916 1918	697 747	54.0 54.0	.320 .480	17.28 25.94	.....	.....	697 747	.....	.....	.....	1	7	6	13	13	100	146	294	111	5	.....	1
Vermont: 3 establishments.....	1916 1918	282 396	57.9 56.2	.308 .493	17.84 27.72	.....	.....	.....	.....	282	.....	3	3	6	7	15	48	53	102	43	1	.....	1
Total: 61 establishments.....	1916 1918	5,431 5,812	54.9 54.5	.304 .470	15.95 25.52	87 119	3,478 4,262	929 1,215	742	195 216	19 2	35 2	61 6	92 7	156 5	931 1,110	1,399 2,167	2,167 1,211	528 1,957	39 1,457	2 622	2 167

OTHER EMPLOYEES: Female.

Connecticut: 6 establishments.....	1916	79	54.9	\$0.168	\$9.20			9	70			8	12	26	12	3	7	9	2					
	1918	79	53.5	.229	12.28	6	6	18	49				2	7	5	24	27	3	5	6				
Maine: 11 establishments.....	1916	109	58.1	.150	8.69					106	3	6	34	38	24	1	4	2						
	1918	146	53.9	.256	13.82		3	143							6	4	63	55	16	2				
Massachusetts: 12 establishments.....	1916	1,953	53.5	.172	9.23	120		1,833				38	86	375	1,031	176	177	30	34	6				
	1918	2,180	53.1	.260	13.82	211	4	1,965				1	6	7	7	55	915	926	197	40	26			
New Hampshire: 7 establishments.....	1916	566	54.9	.165	9.06			57	509			51	134	89	67	89	129	6	1					
	1918	501	53.6	.233	12.48	28		473			2	4	41	12	112	154	119	56	1					
New Jersey: 3 establishments.....	1916	1,971	53.6	.170	9.09	132	280	1,558		1	35	253	442	651	223	303	43	17	4					1
	1918	1,842	53.5	.252	13.47	164	231	1,447				3	8	48	76	838	617	223	27	1				
New York: 3 establishments.....	1916	197	54.1	.153	8.27			194		3	33	45	57	21	12	26	3							
	1918	243	54.0	.253	13.64			243			1		1	4	15	99	98	25						
Pennsylvania: 11 establishments.....	1916	525	53.7	.158	8.46	18	1	506			57	151	146	49	42	59	17	4						
	1918	437	53.9	.229	12.33	3		434			9	5	36	51	93	113	77	32	18	1	2			
Rhode Island: 5 establishments.....	1916	824	53.9	.171	9.22		19	805			21	113	277	201	53	126	17	14				1	1	
	1918	795	52.7	.247	13.08	61	17	717			6	1	5	81	55	398	163	79	7					
Vermont: 3 establishments.....	1916	123	58.0	.145	8.05				123		16	42	35	12	15	1	1							
	1918	139	56.0	.228	12.78			139			1			2	69	30	21	10	5	1	1			
Total: 61 establishments.....	1916	6,347	53.9	.168	9.05	270	300	3,404	2,137	229	7	265	870	1,485	2,068	614	832	128	72	11		1	1	
	1918	6,362	53.4	.250	13.37	473	261	3,993	1,635			20	21	105	216	503	2,637	2,079	643	106	29	2	1	

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GENERAL TABLES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918.

WOOL SORTERS: Male.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—												
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Massachusetts.....	Piece....	2	122	54.0	\$0.500	\$26.98			122									1	15	106				
	Time....	4	168	54.0	.459	24.78			168				1						46	5	116			
	Total..	6	290	54.0	.476	25.71			290				1						47	20	222			
New Hampshire.....	Piece....	1	44	54.0	.436	23.57			44										1	1	16	11	15	
	Time....	3	7	54.0	.444	23.97			7												7			
	Total..	4	51	54.0	.437	23.62			51										1	1	16	18	15	
New Jersey.....	Piece....	2	39	55.0	.416	22.90				39										2	14	18	5	
Rhode Island.....	Piece....	1	78	54.0	.481	25.98			78											1	15	12	49	
	Time....	1	24	54.0	.513	27.70			24													24	1	
	Total..	2	102	54.0	.488	26.38			102											1	15	12	73	
Other States.....	Piece....	1	4	54.0	.541	29.22			4													1	3	
	Time....	5	52	57.4	.360	20.34			22	1											30	3	9	
	Total..	6	56	57.1	.373	20.97			26	1											30	3	10	
All States.....	Piece....	7	287	54.1	.474	25.66			248	39										1	4	46	57	
	Time....	13	251	54.7	.443	24.12			221	1											30	49	21	
	Total..	20	538	54.4	.460	24.94			469	40										1	34	95	78	

CARD TENDERS: Male.

Connecticut.....	Time....	5	22	54.3	\$0.277	\$15.06	1	7	14								1	20	1							
Maine.....	do.....	10	82	54.8	.290	15.88		62	9								13	31	38							
Massachusetts.....	do.....	9	196	54.5	.281	15.37	12	147		8							8	166	22							
New Hampshire.....	Piece....	1	1	54.0	.269	14.53			1										1							
	Time....	7	102	54.8	.276	15.17			88	4								23	43	36						
	Total..	7	103	54.8	.276	15.16			89	4								23	44	36						
New Jersey.....	Time....	2	61	53.2	.329	17.43		22		39									8	49	4					
New York.....	do.....	3	24	59.0	.267	15.73			4									13	9	2						
Pennsylvania.....	do.....	5	53	54.4	.305	16.62			30	23									2	22	25	4				
Rhode Island.....	do.....	4	41	54.3	.265	14.43	2		34										4	31	4					
Vermont.....	do.....	2	17	59.8	.305	18.30				9										11	6					
All States.....	Piece....	1	1	54.0	.269	14.53			1											1						
	Time....	47	598	54.8	.287	15.75	15	22	372	98	8	83						2	64	341	183	8				
	Total..	47	599	54.8	.287	15.75	15	22	373	98	8	83						2	64	342	183	8				

CARD STRIPPERS: Male.

Connecticut.....	Time....	5	19	54.6	\$0.306	\$16.71			7	12										4						
Maine.....	do.....	11	62	55.0	.336	18.38			51										1		15					
Massachusetts.....	do.....	10	121	54.2	.333	18.07			117		5	6								2	119					
New Hampshire.....	Piece....	1	14	54.0	.256	13.85			14											2	12					
	Time....	6	44	54.5	.305	16.70			40	1		3									13	31				
	Total..	7	58	54.4	.293	16.01			54	1		3								2	25	31				
Pennsylvania.....	Time....	5	34	54.5	.359	19.58			17	17											8	19	7			
Rhode Island.....	do.....	4	23	54.0	.304	16.40			23											2	6	15				
Vermont.....	do.....	2	30	58.2	.318	18.49				22		8									1	29				
Other States.....	do.....	4	12	57.2	.308	17.57			4	2		6									4	8				
All States.....	Piece....	1	14	54.0	.256	13.85			14											2	12					
	Time....	47	345	54.9	.328	17.93			259	54	7	25							3	38	297	7				
	Total..	48	359	54.8	.324	17.77			273	54	7	25							5	50	297	7				

DRAWING-FRAME TENDERS: Male.

Massachusetts.....	Time....	2	69	54.0	\$0.278	\$16.44			69								1	5	58	3	2			
	Piece....	1	3	54.0	.266	14.38			3											3				
Other States.....	Time....	4	121	54.1	.257	13.89			113	8							2	8	59	37	10	4	1	
	Total..	4	124	54.1	.257	13.91			116	8							2	8	59	40	10	4	1	
All States....	Piece....	1	3	54.0	.266	14.38			3											3				
	Time....	6	190	54.1	.264	14.82			182	8							2	9	64	95	13	6	1	
	Total..	6	193	54.1	.264	14.81			185	8							2	9	64	98	13	6	1	

DRAWING-FRAME TENDERS: Female.

Massachusetts.....	Piece....	1	12	54.0	\$0.283	\$15.27			12											10		2		
	Time....	3	580	51.0	.262	14.11	1		579											62	518			
	Total..	3	592	51.0	.262	14.13	1		591											62	528	2		
New Jersey.....	Piece....	1	1	55.0	.225	12.38				1										1				
	Time....	2	498	53.3	.256	13.66	1	162		335										225	226	47		
	Total..	2	499	53.4	.256	13.66	1	162		336										226	226	47		
Pennsylvania.....	Time....	5	155	54.0	.227	12.26			155					1	16	40			56	30	12			
Rhode Island.....	do.....	3	248	53.4	.237	13.68	5	25	218										228	1	18	1		
Other States.....	Piece....	1	51	54.0	.254	13.70			51											7	18	20	6	
	Time....	2	215	47.6	.232	11.09	42		147	26							1	41	88	72	13			
	Total..	2	266	48.8	.236	11.59	42		198	26							1	48	106	92	19			
All States....	Piece....	3	64	54.0	.258	13.97			63	1										7	19	30	8	
	Time....	15	1,696	52.9	.250	13.22	49	187	1,099	361							1	17	81	659	847	90	1	
	Total..	15	1,760	52.9	.250	13.24	49	187	1,162	362							1	17	88	678	877	98	1	

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

SPINNERS, MULE: Male.

54 WAGES AND HOURS OF LABOR—WOOLLEN AND WORSTED GOODS.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—																	
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.						
Connecticut.....	Piece....	3	50	54.5	.456	24.86			24	26						2								13	19	15	1			
	Time....	2	22	55.0	.333	18.29				22							1							21						
	Total..		5	72	54.7	.418	22.85			24	48						2	1						34	19	15	1			
Maine.....	Piece....	10	203	54.6	.609	33.27			158	25	10	10	1												15	24	48	58	57	
	Time....	1	9	54.0	.403	21.76			9																9					
	Total..		11	212	54.6	.600	32.78			167	25	10	10	1											15	33	48	58	57	
Massachusetts....	Piece....	10	380	54.2	.551	29.81			368		5	7				1								17	113	135	90	24		
New Hampshire...	Piece....	6	134	54.4	.532	28.91			121	6		7													24	32	41	22	15	
	Time....	1	4	54.0	.368	19.87			4																4					
	Total..		7	138	54.3	.527	28.65			125	6		7												28	32	41	22	15	
New Jersey.....	Piece....	2	154	54.4	.444	24.12		19		135						1	4	44	65	39	1									
New York.....	Piece....	2	60	59.0	.550	32.47			10			50													1	2	16	22	16	3
	Time....	2	45	59.9	.337	20.14			1			44													6	37	2			
	Total..		3	105	59.4	.458	27.18			11			94												7	39	18	22	16	3
Rhode Island.....	Piece....	2	39	54.0	.469	25.35			39							1	4	4	14	12	4									
	Time....	2	84	54.0	.407	21.97			84									47	24	13										
	Total..		3	123	54.0	.427	23.04			123																				
Pennsylvania.....	Piece....	1	55	51.5	.364	18.73		55								1	4	37	12	1										
	Time....	2	60	54.9	.400	21.96			6	54						2		23	35											

Vermont.....	Total..	3	115	53.3	.383	20.42		55	6	54							3	4	60	47	1		
	Piece....	1	87	58.2	.517	30.07				39									3	40	29	14	1
	Time....	2	45	57.1	.385	22.00				36									37	8			
	Total..	2	132	57.8	.472	27.32				75									40	48	29	14	1
All States...	Piece....	37	1,162	54.7	.526	28.83		74	720	231	15	122	1				6	13	159	335	342	206	100
	Time....	12	269	55.8	.383	21.33			104	112		53					2	7	169	78	13		
	Total..	46	1,431	54.9	.499	27.42		74	824	343	15	175	1				8	20	328	413	355	206	100

SPINNERS, FRAME: Male.

Massachusetts....	Piece....	1	11	54.0	\$0.381	\$20.55				11									10	1			
	Time....	3	146	52.9	.313	16.54		18		128								11	56	75	3	1	
	Total..	3	157	53.0	.317	16.82		18		139									11	56	85	4	1
Other States.....	Time....	2	4	54.0	.247	13.34				4								2	2				
All States...	Piece....	1	11	54.0	.381	20.55				11										10	1		
	Time....	5	150	53.0	.311	16.46		18		132								13	58	75	3	1	
	Total..	5	161	53.0	.316	16.74		18		143								13	58	85	4	1	

SPINNERS, FRAME: Female.

Massachusetts....	Piece....	1	11	54.0	\$0.383	\$25.24				11										7	4		
	Time....	3	593	53.6	.298	15.96		30		563									22	308	262	1	
	Total..	3	604	53.6	.299	16.13		30		574									22	308	269	5	
New Jersey.....	Piece....	1	35	55.0	.277	15.22				35									2	22	11		
	Time....	1	117	52.4	.290	15.17		2	58	57									4	55	58		
	Total..	2	152	53.0	.287	15.13		2	58	92									6	77	69		
Pennsylvania.....	Time....	4	132	54.0	.231	12.50				132				19	17	41	52			3			
	do.....	3	221	54.0	.252	13.62				221					1	179	5	36					
	do.....	3	221	46.2	.268	12.41		53		137	31				4	30	139	48					
All States...	Piece....	2	46	54.8	.302	17.61				11	35								2	22	18	4	
	Time....	14	1,284	52.3	.277	14.52		85	58	1,053	88			19	22	276	559	407		1			
	Total..	15	1,330	52.4	.278	14.62		85	58	1,064	123			19	22	278	581	425		5			

TWISTER TENDERS: Female.

Massachusetts.....	Time....	3	364	53.8	\$0.263	\$14.14	9	355						2	56	286	20			
	Piece....	1	16	55.0	.237	13.06								2	8	6				
	Time....	1	38	52.5	.226	11.88	5	9	24					5	24	9				
	Total..	2	54	53.2	.230	12.22	5	9	40					7	32	15				
New Jersey.....	Time....	2	48	54.0	.232	12.51			48						48					
	Piece....	1	46	54.0	.309	16.69			46				1	2	4	11	28			
	Time....	6	138	53.8	.253	13.63	3		135			1	1	2	64	49	20	1		
	Total..	7	184	53.8	.267	14.40	3		181			1	2	4	68	60	48	1		
New York.....	Time....	1	12	54.0	.239	12.90			12						8	4				
	Piece....	4	81	54.0	.216	13.30			81						75	5	1			
	Time....																			
	Total..	5	93	54.0	.245	13.25			93						83	9	1			
Pennsylvania.....	Time....	2	32	54.4	.212	13.19	1		20	11			2	2	15	11	2			
	Piece....	4	27	55.2	.239	13.16			11	16					15	12				
	Time....																			
	Total..	5	59	54.8	.241	13.18	1		31	27			2	2	30	23	2			
Rhode Island.....	Time....	1	12	54.0	.239	12.90			12						8	4				
	Piece....	4	81	54.0	.216	13.30			81						75	5	1			
	Time....																			
	Total..	5	93	54.0	.245	13.25			93						83	9	1			
Other States.....	Time....	2	32	54.4	.212	13.19	1		20	11			2	2	15	11	2			
	Piece....	4	27	55.2	.239	13.16			11	16					15	12				
	Time....																			
	Total..	5	59	54.8	.241	13.18	1		31	27			2	2	30	23	2			
All States.....	Time....	5	106	54.3	.270	14.65	1		78	27			3	6	35	32	30			
	Piece....	20	696	53.8	.254	13.66	17	9	630	40			1	1	9	282	361	41	1	
	Time....																			
	Total..	24	802	53.9	.256	13.80	18	9	708	67			1	4	15	317	393	71	1	

SPOOLER TENDERS: Female.

Connecticut.....	Piece....	3	21	53.6	\$0.350	\$18.76	2		11	8						4	13	4		
	Time....	5	22	52.3	.198	10.35	6			16				1	9	12				
	Time....																			
	Total..	6	43	52.9	.272	14.46	8		11	24				1	9	12	4	13	4	
Maine.....	Piece....	11	97	54.0	.379	20.49			97			1			9	8	35	38	6	
	Time....	1	13	54.0	.275	14.85			13						13					
	Time....																			
	Total..	12	110	54.0	.367	19.82			110			1			9	21	35	38	6	
Massachusetts.....	Piece....	8	193	54.0	.408	22.01	1		197						4	19	84	43	42	6
	Time....	4	439	52.5	.220	11.54	75		364				1	438						
	Time....																			
	Total..	13	637	53.0	.273	14.79	76		561				1	442	19	84	43	42	6	
New Hampshire..	Piece....	5	51	54.0	.363	19.61			51					2	1	2	8	18	15	5
	Time....																			
	Time....																			

DRESSER TENDERS: Male.

Connecticut.....	Time....	6	27	54.8	\$0.428	\$23.46			6	21							1	6	20			
Maine.....	do.....	12	37	54.0	.401	21.67			37									9	28			
Massachusetts.....	Piece....	2	24	54.0	.568	30.65			24										1	14	9	
	Time....	11	138	54.0	.485	26.21			138									5	79	54		
	Total..	12	162	54.0	.498	26.87			162									5	80	68	9	
New Hampshire..	Time....	7	42	54.3	.427	23.15			41									10	32			
New York.....	do.....	3	30	59.0	.400	23.56			5		1	25						13	17			
Pennsylvania....	do.....	7	43	54.5	.454	24.71			23	20								2	39	2		
Rhode Island....	do.....	5	65	54.0	.470	25.36			65								1	3	56	5		
New Jersey.....	do.....	3	46	55.0	.377	17.20				46								35		11		
Vermont.....	do.....	3	17	56.0	.440	24.63				17									17			
All States.....	Piece....	2	24	54.0	.568	30.65			24										1	14	9	
	Time....	57	445	54.6	.445	23.94			315	104		26					2	83	288	72		
	Total..	58	469	54.6	.462	24.28			339	104		26					2	83	289	86	9	

DRAWERS-IN: Female.

Connecticut.....	Piece....	5	14	54.7	\$0.447	\$24.46			4	10								2	2	5	4	1
	Time....	2	3	55.0	.208	11.42				3								1	2			
	Total..	6	17	54.8	.406	22.16			4	13								1	2	2	5	4	1
Maine.....	Piece....	8	20	53.1	.402	21.32	2		18									1	8	11		
	Time....	2	4	54.0	.276	14.92			4									4				
	Total..	10	24	53.3	.381	20.25	2		22									5	8	11		
Massachusetts.....	Piece....	10	130	53.9	.376	20.29	1		129						1		11	14	54	43	5	2
	Time....	2	6	52.6	.278	14.57	1		5								6					
	Total..	12	136	53.9	.372	20.04	2		134						1		11	20	54	43	5	2
New Hampshire..	Piece....	4	49	54.0	.257	13.88			49			1			7	24	3	13		1		
	Time....	3	9	54.0	.303	16.37			9							2	4	1	2			
	Total..	7	58	54.0	.264	14.26			58			1			7	26	7	14	3			
New Jersey.....	Piece....	3	47	55.0	.375	20.65				47								9	25	10	1	2
New York.....	do.....	3	17	54.0	.282	15.24			17								2	11	4			

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

DRAWERS-IN: Female—Concluded.

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employes.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—										
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Pennsylvania.....	Piece.....	2	5	54.0	\$0.386	\$20.82			5										4	1			
	Time.....	4	17	54.0	.285	15.41													5	3	9		
	Total..	6	22	54.0	.308	16.64			22										5	3	13	1	
Rhode Island.....	Piece.....	5	60	54.0	.405	21.88			60				1		2	11	22	10		9		5	
Vermont.....	Piece.....	3	23	56.0	.344	19.26													5	15	3		
	Time.....	1	2	56.0	.354	19.83														2			
	Total..	3	25	56.0	.345	19.31														5	17	3	
All States....	Piece.....	43	365	54.2	.363	19.66	3		282	80			1		2	7	39	56	147	84	19	1	9
	Time.....	14	41	54.0	.284	15.37	1		35	5						1	9	17	12	2			
	Total..	55	406	54.2	.355	19.23	4		317	85			1		2	8	48	73	159	86	19	1	9

LOOM FIXERS: Male.

Connecticut.....	Time....	6	22	54.8	\$0.505	\$27.65			4	18									3	12	3	4	
Maine.....	..do....	12	52	54.0	.472	25.46			52										3	38	11		
Massachusetts.....	..do....	12	291	54.0	.643	34.75			291											8	159	6	118
New Hampshire.....	..do....	7	97	54.2	.463	25.06			94										7	83	7		
New Jersey.....	..do....	3	89	54.7	.557	30.45														29	25	30	5
New York.....	..do....	3	38	59.2	.447	26.36		6	5	83									5	28	5		
Pennsylvania.....	..do....	10	108	54.4	.511	27.81			77	28									5	23	77	3	
Rhode Island.....	..do....	5	103	54.0	.541	29.24			103										3	13	87		
Vermont.....	..do....	3	43	59.1	.467	26.20				42										36	7		
All States....	Time....	61	843	54.5	.552	30.04		6	626	171									26	270	381	43	123

WEAVERS: Male.

Connecticut.....	Piece....	6	422	54.8	\$0.466	\$25.52				72	350							2	1	11	9	64	190	102	42	1
	Time....	1	7	55.0	.451	24.81					7												7			
	Total..	6	429	54.8	.466	25.51				72	357							2	1	11	9	64	197	102	42	1
Maine.....	Piece....	12	519	54.0	.554	29.94				519											21	51	80	163	150	54
	Time....	1	2	54.0	.300	16.20				2												2	2			
	Total..	12	521	54.0	.553	29.89				521											21	53	80	163	150	54
Massachusetts.....	Piece....	12	2,080	54.0	.485	26.20				2,080				1		1	1	1	1	18	76	393	706	569	231	83
	Time....	2	7	54.0	.409	22.06				7												1	6			
	Total..	12	2,087	54.0	.485	26.19				2,087				1		1	1	1	1	18	76	394	712	569	231	83
New Hampshire...	Piece....	7	488	53.8	.463	24.87			41	417	18		12			1	1	1	12	21	88	193	126	39	7	
New Jersey.....	do.....	3	386	54.0	.406	21.92			78		308				2	2	1	13	20	139	153	43	11	2		
New York.....	do.....	3	248	58.4	.366	21.18				65			183	1					25	42	105	43	28	3	1	
Pennsylvania.....	Piece....	10	508	54.8	.395	21.46				353	155				1	2		1	14	39	190	221	40			
	Time....	1	2	75.5	.283	21.47							2						1	1	1	1				
	Total..	10	510	54.9	.395	21.46				353	155		2		1	2		1	15	39	191	221	40			
Rhode Island.....	Piece....	5	746	54.0	.481	25.95				746					1	1	1		12	21	115	245	248	93	9	
	Time....	1	1	54.0	.380	20.52				1											1					
	Total..	5	747	54.0	.480	25.94				747					1	1	1		12	21	116	245	248	93	9	
Vermont.....	Piece....	3	392	56.2	.495	27.80					373		19						4	17	57	113	138	53	10	
	Time....	1	4	56.0	.354	19.83					4										4	4				
	Total..	3	396	56.2	.493	27.72					377		19						4	17	61	113	138	53	10	
All States.....	Piece....	61	5,789	54.5	.470	25.54			119	4,252	1,204		214	2	2	6	7	5	109	266	1,202	1,944	1,457	622	167	
	Time....	7	23	56.5	.390	21.87				10	11		2					1		9	13					
	Total..	61	5,812	54.5	.470	25.52			119	4,262	1,215		216	2	2	6	7	5	110	266	1,211	1,957	1,457	622	167	

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

WEAVERS: Female.

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full time hours per week were—					Employees whose earnings per hour were—											
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Connecticut.....	Piece....	6	60	54.7	\$0.478	\$26.09			21	39						1	1	14	20	16	8		
Maine.....	Piece....	12	327	54.0	.504	27.31			327						2	13	14	36	74	111	63	14	
	Time....	2	10	54.0	.295	15.93			10								2	8					
	Total..	12	337	54.0	.498	26.97			337						2	13	16	44	74	111	63	14	
Massachusetts.....	Piece....	12	1,648	54.0	.449	24.26			1,648			2		1	3	25	92	459	565	347	129	25	
New Hampshire.....	do.....	7	635	54.0	.387	20.89			635				6	2	6	46	88	205	199	62	19	2	
New Jersey.....	do.....	3	1,075	54.1	.357	19.30		188	887			1	1	2	8	14	91	165	463	273	50	6	
New York.....	do.....	3	199	54.0	.316	17.06			199				1	3	4	21	52	99	17	2			
Pennsylvania.....	do.....	10	629	54.0	.366	19.78			629			2	5	3	8	8	33	70	272	197	30	1	
Rhode Island.....	do.....	5	513	53.8	.388	20.87	10		503				1		7	4	29	60	200	134	64	11	
Vermont.....	Piece....	3	197	56.0	.459	25.71			197							3	11	36	82	46	17	2	
	Time....	1	2	56.0	.354	19.83			2									2					
	Total..	3	199	56.0	.458	25.65			199							3	11	38	82	46	17	2	
All States...	Piece....	61	5,283	54.1	.406	21.97	10	188	3,962	1,123		3	10	11	29	41	262	553	1,784	1,561	728	254	47
	Time....	3	12	54.3	.305	16.58			10	2							2	10					
	Total..	61	5,295	54.1	.406	21.96	10	188	3,972	1,125		3	10	11	29	41	262	555	1,794	1,561	728	254	47

BURLERS: Female.

Connecticut.....	Piece....	5	38	54.6	\$0.360	\$19.66			14	24						1	3	20	14			
	Time....	1	5	55.0	.170	9.35				5												
	Total..	6	43	54.7	.338	18.46			14	29						1	3	20	14			

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1918—Continued.

MENDERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—												
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Connecticut.....	Piece....	2	16	55.0	\$0.364	\$20.03				16							1	4	6	3	2			
	Time....	4	35	54.9	.324	17.78			2	33								6	27	1				
	Total..	6	51	55.0	.336	18.49			2	49								2	10	33	4	2		
Maine.....	Time....	10	72	54.0	.294	15.86			72									13	37	22				
Massachusetts.....	Piece....	8	796	54.0	.361	19.52			796			2	4	1	6	7	32	115	420	153	43	11	2	
	Time....	7	91	54.0	.319	17.23			91								12	23	56					
	Total..	11	887	54.0	.357	19.29			887			2	4	1	6	7	44	138	476	153	43	11	2	
New Hampshire.....	Piece....	2	14	54.0	.278	15.02			14								1	13						
	Time....	5	25	54.0	.270	14.58			25								14	6	5					
	Total..	6	39	54.0	.273	14.74			39									15	19	5				
New York.....	Piece....	1	135	54.0	.302	16.29			135								1	8	44	82				
	Time....	2	26	54.0	.336	18.16			26										26					
	Total..	2	161	54.0	.307	16.59			161								1	8	44	108				
Pennsylvania.....	Piece....	7	183	54.0	.366	19.76			183								3	31	93	50	5			1
	Time....	3	20	54.0	.251	13.54			20								15	5						
	Total..	9	203	54.0	.355	19.15			203								18	36	93	50	5			1
Rhode Island.....	Piece....	3	120	54.0	.389	21.03			120								3	11	53	41	12			
	Time....	2	56	54.0	.341	18.42			56										56					
	Total..	5	176	54.0	.374	20.20			176								3	11	109	41	12			

Vermont.....	Piece.....	1	45	56.0	.381	21.34				45							4	21	18	2				
	Time.....	3	19	56.0	.301	16.85				19							1	8	10					
	Total.....	3	64	56.0	.357	20.00				64							1	12	31	18	2			
Other States.....	Piece.....	1	32	55.0	.408	22.14				32							3	13	11	5				
All States.....	Piece.....	25	1,341	54.1	.359	19.45				1,248			2	4	1	6	8	51	222	688	276	69	11	3
	Time.....	36	344	54.2	.311	16.83				292								56	85	202	1			
	Total.....	53	1,685	54.1	.349	18.91				1,540			2	4	1	6	8	107	307	890	277	69	11	3

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time.....	5	50	55.2	\$0.313	\$17.28			9	40							1	12	37					
Maine.....	do.....	11	75	54.2	.315	17.06			73								2	2	73					
Massachusetts.....	do.....	12	662	53.8	.305	16.38	2	33	627								5	296	358	3				
New Hampshire.....	Piece.....	1	2	54.0	.299	16.12			2									1	1					
	Time.....	7	159	54.2	.307	16.63			154									64	93	2				
	Total.....	7	161	54.2	.307	16.62			156									65	94	2				
New Jersey.....	Piece.....	1	1	55.0	.290	15.95				1								1	77					
	Time.....	3	266	55.5	.313	17.36				253				1				2	1	186				
	Total.....	3	267	55.5	.290	17.35				254				1				2	78	186				
New York.....	Time.....	3	87	58.5	.289	16.87			22										58	26	2		1	
Pennsylvania.....	do.....	7	82	54.8	.301	16.49			34	44									53	28	1			
Rhode Island.....	do.....	5	150	54.0	.288	15.57			150										102	48				
Vermont.....	do.....	2	72	57.7	.291	16.76				57									72					
All States.....	Piece.....	2	3	54.3	.296	16.06			2	1								2	1					
	Time.....	55	1,603	54.7	.304	16.60	2	33	1,069	394				1				8	736	849	8		1	
	Total.....	55	1,606	54.7	.304	16.60	2	33	1,071	395				1				8	738	850	8		1	

OTHER EMPLOYEES: Male.

Connecticut.....	Piece.....	2	5	55.0	\$0.204	\$11.24				5								1	1					
	Time.....	6	402	55.4	.353	19.58	20		101	263			2	1	2	4	10	26	79	188	50	24	10	8
	Total.....	6	407	55.4	.352	19.48	20		101	268			2	1	2	5	10	26	80	188	51	24	10	8

COMBER TENDERS: Male.

Massachusetts....	Time...	3	181	55.7	53.0	\$ 18.38	\$ 17.56	4	3	25	25	40	84	1	2	3	1	1	2	4	4	17	8	27	51	60		
	Other States.....	Time... Piece...	5 1	33 4	58.2 54.0	59.8 56.4	15.30 18.56	15.47 19.29	3		1	4	6	19	3			1				1	2	4	5	16	1	3
All States:..	Total	5	37	57.7	59.5	15.65	15.88	3		2	4	6	22	3			1				1	3	4	5	16	4		
	Piece... Time...	1 8	4 214	54.0 56.1	56.4 54.0	18.56 17.91	19.29 17.24			1 26			3									1	19	12	32	67	3	61
	Total	8	218	56.0	54.1	17.92	17.28	7	3	27	29	46	106	4	2	3		1	2	2	4	5	20	12	32	67	64	

COMBER TENDERS: Female.

New Jersey.....	Time...	2	141	52.9	48.2	\$ 13.54	\$ 12.25	1	8	2	33	97		1	1	2	5	2	1	1	5	10	103	10				
Rhode Island.....	do.....	2	57	49.8	46.1	13.95	12.72	1	1	3	13	39		1			4	5		1	1	5	4	36				
Other States.....	do.....	3	62	54.0	48.6	11.96	10.64			13	15	34					5	5	6	22	5	18		1				
All States..	Time...	7	260	52.5	47.8	13.25	11.96	2	9	18	61	170		2	1	2	9	12	6	8	28	20	125	46	1			

DRAWING-FRAME TENDERS: Male.

Massachusetts....	Time...	2	69	54.0	55.1	\$ 16.44	\$ 15.32	2	1		8	23	35	2			1					1	13	27	14	5	4	2
Other States.....	do.....	2	18	54.8	53.8	18.40	18.18		1			14	3				1							5	7		3	2
All States..	Time...	4	87	54.1	54.8	16.84	15.94	2	2		8	37	38	2			2					1	13	32	21	5	7	4

DRAWING-FRAME TENDERS: Female.

Massachusetts....	Piece... Time...	1 3	12 580	54.0 54.0	52.6 51.1	\$ 15.27 14.11	\$ 14.90 13.41				2	10										1			8	3		
	Total	3	592	54.0	51.1	14.13	13.44	6	14	24	82	466		4	3	1	6	10	4	9	10	25	194	315				
New Jersey.....	Piece... Time...	1 2	1 498	55.0 53.3	29.0 47.4	12.38 13.66	4.50 12.04		1			100	289	5	5	1	5	4	15	15	6	16	113	291	27			
	Total	2	499	53.4	47.3	13.65	12.02	6	12	87	100	289	5	5	1	6	4	15	15	6	16	113	291	27				

New York.....	Piece...	1	10	54.0	47.8	27.87	24.62			2	3	5									1	1		2	5	1					
	Time...	2	45	59.9	47.3	20.14	15.94	1	3	4	36	1										1	2		1	4	10	14	9	3	5	1
	Total	2	55	58.8	47.4	21.54	17.51	1	3	6	39	6									1	2		1	4	11	15	9	5	5	1
Rhode Island.....	Piece...	2	39	54.0	47.5	25.35	22.37	2	1	3	12	16	5	1	1							4	2	5	1	9	8	8			
	Time...	2	84	54.0	48.6	21.97	19.72	7	2	4	5	61	5	5	1	2	1					1	3	3	20	15	3	31			
	Total	3	123	54.0	48.2	23.04	20.56	9	3	7	17	77	10	6	1	2	1					1	7	5	25	16	12	39			
Other States.....	Time...	1	36	57.1	46.9	22.86	18.69	4	2	4	9	9	8	1		3	1					1		1	1	2	3	22	1		
All States.....	Piece...	18	423	54.3	49.7	25.04	23.13	12	12	27	114	220	38	1	5	6	2	3	1	3	3	1	8	10	41	42	98	155	44		
	Time...	7	183	56.1	48.2	21.52	18.51	12	8	13	51	86	13	2	5	6	3	2	1	2	9	15	37	33	36	32					
	Total	23	606	54.8	49.2	23.98	21.73	24	20	40	165	306	51	3	10	6	8	6	3	3	4	3	17	25	78	75	134	187	44		

SPINNERS, FRAME: Male.

Massachusetts.....	Piece...	1	11	54.0	52.9	\$ 20.55	\$ 20.10			1	3	4	3																						
	Time...	3	146	52.9	52.8	16.54	16.66	3	3	5	12	68	55	1	1	2	1	1	1	4	1	7	14	1	28	25	3	7	27	1					
	Total	3	157	53.0	52.8	16.82	16.90	3	3	6	15	72	58	1	1	2	1	1	1	4	1	7	14	29	25	35	34	1							
Other States.....	Time...	2	4	54.0	55.0	13.34	13.60					3	1										3	1											
All States.....	Piece...	1	11	54.0	52.9	20.55	20.10			1	3	4	3											1	29	25	3	7	27	1					
	Time...	5	150	53.0	52.9	16.46	16.58	3	3	5	12	71	56	1	1	2	1	1	1	4	1	7	17	29	25	32	27	1							
	Total	6	161	53.0	52.9	16.73	16.82	3	3	6	15	75	59	1	1	2	1	1	1	4	1	7	17	30	25	35	34	1							

SPINNERS, FRAME: Female.

Massachusetts.....	Piece...	1	11	54.0	53.1	\$ 25.24	\$ 20.34			1	10																									
	Time...	3	593	53.6	35.4	15.96	10.20	9	19	29	89	447		6	3	5	6	8	3	9	13	14	74	223	144	78	8	7								
	Total	3	604	53.6	35.7	16.13	10.38	9	19	29	90	457		6	3	5	6	8	3	9	13	14	74	223	145	80	15									
New Jersey.....	Piece...	1	35	55.0	41.3	15.22	11.34			1	13	21								1	1	3	2	14	14											
	Time...	1	117	52.4	50.2	15.17	14.50	2	1	5	7	102		1	1					1	1	2	3	1	10	81	17									
	Total	2	152	53.0	48.2	15.18	13.77	2	2	18	28	102		1	1					1	1	5	5	15	24	81	17									
Rhode Island.....	Time...	3	221	54.0	45.1	13.62	11.06	3	43	12	27	136		3	1	12				32	8	5	9	15	132	2	1	1								
Other States.....	do....	3	94	54.7	45.3	13.19	11.09	2	2	13	48	29		2		1	8			16	2	3	4	19	11	28										
All States.....	Piece...	2	46	54.8	44.1	17.61	13.49			1	13	22	10							1	3	2	14	14		1	2	8								
	Time...	10	1,025	53.6	40.1	15.11	10.96	16	65	59	171	714		12	5	18	14	57		13	19	29	49	227	334	162	79	8	7							
	Total	12	1,071	53.7	38.5	15.22	11.06	16	66	72	193	724		12	5	18	15	57		14	22	31	63	241	334	163	81	15								

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

ONE-WEEK PAY ROLLS—Continued.

DOFFERS; Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employ-ee during one week.	Average full-time weekly earn-ings.	Average amt. earned per employ-ee during one week.	Employees working each clas-sified per cent of full time during one week.							Employees earning each classified amount during one week.																			
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.					
Massachusetts	Piece...	2	52	52.0	46.2	\$ 17.01	\$ 15.14	1	5	2	9	32	3	1	...	1	2	2	2	1	4	8	...	1	3	5	16	8	...	...	...
	Time...	2	50	50.0	46.4	13.45	12.69	...	3	4	9	29	5	...	2	1	...	3	2	2	7	5	4	...	7	8	4	16	4	8	2	1	...	
	Total	3	102	51.0	46.3	15.27	13.94	1	8	6	18	61	8	1	2	2	2	5	3	11	13	4	...	8	11	9	20	10	1	...	...	...
Rhode Island	Time...	2	36	49.1	46.3	8.79	8.30	2	9	25	1	...	5	24	3	...	3
All States	Piece...	2	52	52.0	46.2	17.01	15.14	1	5	2	9	32	3	1	...	1	2	2	2	1	4	8	...	1	3	5	16	8	...	...	...	...
	Time...	4	86	49.6	46.3	11.50	10.85	...	3	6	18	54	5	...	2	2	2	8	26	10	5	7	...	7	...	8	5	16	4	8	2	1	...	
	Total	5	138	50.5	46.3	13.58	12.47	1	8	8	27	86	8	1	2	3	2	10	27	14	13	7	...	8	11	9	20	10	1	...	...	...

DOFFERS; Female.

Massachusetts	Piece...	2	63	49.8	45.5	\$ 12.26	\$ 11.19	3	1	3	9	47	...	3	...	1	...	...	1	22	10	14	...	5	2	1	1	3	...	...	...	...
	Time...	3	124	48.0	44.8	10.96	10.23	2	4	6	13	99	...	3	1	3	1	1	5	46	21	20	...	18	4	1	...	...	...	...	...	...
	Total	3	187	48.6	45.1	11.40	10.56	5	5	9	22	146	...	6	4	4	1	1	6	68	31	34	...	23	6	2	1	3	...	...	...	...
Rhode Island	Time...	2	165	59.5	40.1	9.42	7.29	4	37	10	15	99	...	6	4	29	7	47	32	34	4	...	2
Other States	Time...	3	115	53.9	45.6	10.58	8.95	2	3	21	39	49	...	1	2	...	2	9	28	14	10	32	6	11	...	1	...	...	...	...	...	...
All States	Piece...	2	63	49.8	45.5	12.26	11.19	3	1	3	9	47	...	3	...	1	...	...	1	22	10	14	...	5	2	1	1	3	...	...	...	...
	Time...	8	404	50.7	43.1	10.23	8.67	8	44	37	67	247	...	11	5	34	17	76	51	90	57	26	...	31	5	1	...	...	...	...	...	...
	Total	8	467	50.6	43.5	10.50	9.01	11	45	40	76	294	...	14	5	35	17	76	52	112	67	40	...	36	7	2	1	3	...	...	...	...

BURLERS: Female.

Connecticut.....	Piece...	5	38	54.6	46.4	\$ 19.66	\$ 16.43		2	5	16	15							1						3	6	4	14	4	6					
Maine.....	Piece...	1	4	54.0	46.6	14.68	12.92		1			3							1								3								
	Time...	8	60	54.0	51.0	13.03	12.27		1	7	5	47							1						4	8	3	8	25	11					
	Total	9	64	54.0	50.7	13.14	12.31		2	7	5	50							1	1					4	8	3	8	25	14					
Massachusetts....	Piece...	6	361	54.0	46.8	17.57	15.02	2	9	61	210	79		1	4		1	9	8	18	14	29	52	104	46	31	40	4							
	Time...	3	306	54.0	51.4	12.72	12.10	2	3	27	25	249		2	1		2	4	14	11	5	28	239												
	Total	9	667	54.0	48.9	15.34	13.68	4	12	88	235	328		3	5		3	13	22	29	19	57	291	104	46	31	40	4							
New Hampshire...	Piece...	3	35	54.0	52.2	15.56	14.95	1			5	29							1							8	17	7	1	1					
	Time...	3	17	54.0	52.3	13.91	13.47				9	8							1							1	7	3	1		5				
	Total	6	52	54.0	52.2	15.02	14.47	1			14	37							1							1	7	3	9	17	7	6	1		
New Jersey.....	Piece...	2	152	55.0	44.1	15.60	12.44		4	23	121	3	1				2	7	6	9	14	27	38	44	4	1									
	Time...	1	108	53.0	52.5	13.16	13.05		1	4	11	28	1	1				1	5	2		5	46	40	4	2	1		1						
	Total	3	255	54.2	47.5	14.61	12.69		5	27	132	31	60	1				2	8	11	11	14	32	84	84	6	1	1							
New York.....	Piece...	2	61	54.0	40.4	14.01	10.54		2	40	19						1	1	3	2	35		2	12	5										
	Time...	1	17	54.0	48.1	14.42	11.49		2	3	12						1	2	3		3	2	10												
	Total	3	78	54.0	41.0	14.10	10.75		4	43	31						1	3	3	2	35	3	4	22	5										
Pennsylvania.....	Piece...	6	117	54.0	48.6	14.04	12.69	1	1	13	35	67		1				4	8	9	12	28	12	23	14	6									
	Time...	1	17	54.0	50.2	9.99	9.30		1		5	11					1		1	2	2	11													
	Total	7	134	54.0	48.8	13.52	12.26	1	2	13	40	78		1				5	10	11	23	28	12	23	14	6									
Rhode Island ...	Piece...	4	135	53.7	50.0	14.94	14.11	2		11	31	91		2				1	3	5	12	8	9	22	22	26	25								
	Time...	1	1	54.0	54.0	11.12	11.12					1							1	3	5	12	8	1											
	Total	4	136	53.7	50.0	14.91	14.09	2		11	31	92		2				1	3	5	12	8	10	22	22	26	25								
Vermont.....	Piece...	2	50	56.0	48.3	12.21	10.46		1	3	38		8				1		3	3	11	14	12	5	1										
	Time...	1	28	56.0	53.4	11.70	11.15			1	12	15						1		1	2	5	20												
	Total	3	78	56.0	50.1	12.02	10.71		1	4	50	15		8				1		4	3	13	19	32	5	1									
All States...	Piece...	31	953	54.2	46.9	15.94	13.71	6	20	156	475	287	9	4	6	1	6	29	33	94	62	110	155	223	111	68	47								
	Time...	19	549	53.9	51.4	12.78	12.18	2	8	42	79	359	59	3	1	2	4	7	26	25	34	67	321	51	2	5	1		4						
	Total	49	1,502	54.1	48.5	14.79	13.15	8	28	198	554	646	68	7	7	3	10	36	59	119	96	177	476	274	113	73	48	4							

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.
ONE-WEEK PAY ROLLS—Continued.

MENDERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employ-ee during one week.	Average full-time weekly earnings.	Average amt. earned per employ-ee during one week.	Employees working each clas-sified per cent of full time during one week.							Employees earning each classified amount during one week.																																		
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.																				
Connecticut.....	Piece...	2	16	55.0	40.1	\$ 20.03	\$ 14.86																																										
	Time...	3	33	54.9	54.1	12.89	17.62																																										
	Total...	5	49	55.0	49.6	18.59	16.72																																										
Maine.....	Time...	10	72	54.0	51.6	15.86	15.15																																										
	Total...	8	215	54.0	48.9	18.56	16.82																																										
Massachusetts....	Piece...	5	155	54.0	48.8	19.40	17.57																																										
	Time...	5	60	54.0	49.2	16.39	14.87																																										
	Total...	8	215	54.0	48.9	18.56	16.82																																										
New Hampshire...	Piece...	2	14	54.0	53.0	15.02	14.74																																										
	Time...	5	25	54.0	51.0	14.58	13.83																																										
	Total...	6	39	54.0	51.7	14.74	14.16																																										
New York.....	Piece...	1	135	54.0	33.4	16.29	10.18																																										
	Time...	2	26	54.0	48.7	18.16	16.39																																										
	Total...	2	161	54.0	35.9	16.59	11.18																																										
Pennsylvania....	Piece...	6	165	54.0	46.5	19.72	16.65																																										
	Time...	2	18	54.0	50.5	13.60	12.70																																										
	Total...	7	183	54.0	46.9	19.11	16.26																																										

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Rhode Island.....	Piece...	2	29	54.0	49.0	16.53	15.18		1	4	7	17							1				4	2	4	3	4	11			
	Time...	2	56	54.0	52.7	18.42	17.96		1		8	47							1	1						2	7	46			
	Total.	4	85	54.0	51.5	17.77	17.00		2	4	15	64							1	1			4	2	4	5	11	57			
Vermont.....	Piece...	1	45	56.0	50.8	21.34	19.35				45															6	9	10	18	2	
	Time...	3	19	56.0	52.2	16.85	15.52				18	1														9	4	6			
	Total.	3	64	56.0	51.2	20.00	18.21				63	1													9	6	13	16	18	2	
Other States.....	Piece...	1	32	55.0	51.2	22.14	20.34		1	3	24	3	1											1	3	1	1	3	4	15	4
	Time...	20	591	54.2	44.8	18.85	15.65		7	35	108	212	228	1	5	1	8	9	16	5	24	31	38	78	79	87	108	93	9		
All States	Time...	32	309	54.2	51.3	16.66	15.75		2	16	91	200							3	6	4	2	12	48	83	58	90	3			
	Total.	46	900	54.2	47.0	18.10	15.68		7	37	124	303	428	1	5	1	8	9	19	11	28	33	50	126	162	145	198	96	9		

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time...	4	44	55.2	56.9	17.51	18.05				4	24	16													2	3	23	7	8	1		
	Time...	11	75	54.2	52.2	17.06	16.42			3	24	30	18			2	1									7	14	36	11	3	1		
Maine.....	Time...	12	662	53.8	60.4	16.38	18.43		13	12	16	46	12	563	7	6	3	2	6	4	4	4	6		17	26	221	146	180	29	1		
Massachusetts.....	Time...	6	79	54.4	55.5	16.40	16.69		2	5	2		19	51	1	1	2	2	2	1	4	4	6		1	6	37	18	10				
New Hampshire.....	Time...	6	79	54.4	55.5	16.40	16.69		2	5	2		19	51	1	1	2	2	2	1	4	4	6		1	6	37	18	10				
New Jersey.....	Piece...	1	1	55.0	51.0	15.95	14.80					78	16	140	1	3	1	2	7	4	4	3	5		1								
	Time...	3	266	55.5	57.8	17.36	18.20		4	8	20	7	16	140	1	3	1	2	7	4	4	3	5	13	35	41	41	94	10	2			
	Total.	3	267	55.5	57.8	17.35	18.19		4	8	20	79	16	140	1	3	1	2	7	4	4	3	5	13	36	41	41	94	10	2			
New York.....	Time...	3	87	58.5	60.4	16.87	17.49		4	3	5	18	2	55	2	2	2		1	1	2	2			7	9	17	19	15	5	3		
Pennsylvania.....	Time...	4	31	54.5	51.9	16.60	15.85					14	13	4											11	4	11	4	1				
Rhode Island.....	Time...	5	150	54.0	57.1	15.57	16.52		2	3	15	7	123					1		1	1	3	2		5	45	59	15	17				
Vermont.....	Time...	2	72	57.7	56.9	16.76	16.54		4	2	10	8	11	37				4	1		1	1	3	2	4	1	6	24	12	10	3		
All States	Piece...	1	1	55.0	51.0	15.95	14.80					1													1								
	Time...	50	1,466	54.7	58.5	16.60	17.78		27	35	56	207	134	1,007	11	17	11	6	17	12	14	14	17	64	148	469	273	338	49	6			
	Total.	51	1,467	54.7	58.5	16.60	17.78		27	35	56	208	134	1,007	11	17	11	6	17	12	14	14	17	64	149	469	273	338	49	6			

OTHER EMPLOYEES: Male.

Connecticut.....	Piece...	2	5	55.0	37.2	11.24	9.32		1	1		2	1																				
	Time...	5	361	55.4	56.7	19.72	20.32		2	6	16	21	186	130	2				5	7	7	8	7	3		1	38	56	54	86	37	33	
	Total.	5	366	55.4	56.5	19.61	20.17		3	7	16	23	187	130	4				5	8	7	8	7	3		19	38	56	54	87	37	33	
Maine.....	Piece...	1	1	54.0	54.0	31.16	31.16						1																				1
	Time...	12	782	55.5	54.6	18.51	18.67		5	18	28	112	393	226	4	1	3	2	12	6	9	13	13		65	70	255	116	130	58	25		
	Total.	12	783	55.5	54.6	18.52	18.69		5	18	28	112	394	226	4	1	3	2	12	6	9	13	13		65	70	255	116	130	58	26		

GENERAL TABLES.

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

ONE-WEEK PAY ROLLS—Concluded.

OTHER EMPLOYEES: Male—Continued.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employee during one week.	Average full-time weekly earning.	Average amount earned per employee during one week.	Employees working each classified per cent of full time during one week.					Employees earning each classified amount during one week.																	
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.		
Massachusetts....	Piece...	7	654	53.9	48.8	24.71	22.91	7	29	46	322	210	40	5	2	4	4	10	8	7	10	14	16	29	24	44	204	191	82	
	Time...	12	5,873	54.6	54.5	17.89	18.05	98	159	201	668	2444	2303	57	50	34	41	87	45	120	183	204	473	782	1114	815	1073	566	289	
	Total	12	6,527	54.5	54.0	18.57	18.54	105	188	247	990	2654	2343	62	52	38	45	97	53	127	193	218	489	811	1138	859	1277	757	311	
New Hampshire....	Time...	6	691	55.5	56.3	17.41	17.47	20	26	37	76	245	287	13	7	5	4	13	9	10	18	11	40	99	153	89	162	48	10	
New Jersey.....	Piece...	3	568	55.0	48.7	18.85	17.06	12	9	66	348	21	112	6	2	8	4	33	11	17	12	18	57	58	82	93	128	29	10	
	Time...	3	3,117	55.8	57.1	18.33	18.71	36	75	145	544	609	1,708	23	11	15	14	64	35	26	44	32	156	246	564	639	963	230	55	
	Total	3	3,685	55.7	55.8	18.41	18.45	48	84	211	892	630	1,820	29	13	23	18	97	46	43	56	50	213	304	646	732	1091	259	65	
New York.....	Time...	3	745	60.5	57.8	18.26	17.50	14	28	53	201	197	252	9	5	4	5	23	12	15	20	13	71	91	134	102	182	41	18	
Pennsylvania.....	Piece...	1	20	51.5	51.2	15.36	15.59	.....	.....	1	1	16	2	.....	.....	.....	1	1	1	3	1	3	.....	2	.....	3	2	3	.....
	Time...	7	353	55.8	50.3	17.35	15.97	11	9	24	134	114	61	9	2	5	13	20	10	12	7	19	50	36	32	48	55	28	7
	Total	7	373	55.5	50.3	17.24	15.95	11	9	25	135	130	63	9	2	5	14	21	11	15	8	22	50	38	32	51	57	31	7
Rhode Island.....	Piece...	1	4	51.8	44.5	19.79	18.99	.....	1	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
	Time...	5	1,592	54.3	54.7	17.81	18.17	19	37	65	165	759	547	15	10	12	7	76	35	60	47	34	163	207	214	134	318	152	108
	Total	5	1,596	54.3	54.7	17.82	18.17	19	38	65	167	759	548	16	10	12	7	76	35	60	47	34	163	207	214	135	318	154	108
Vermont.....	Piece...	1	3	56.0	44.1	16.58	14.70	1	1	1	1
	Time...	3	867	57.8	56.6	18.29	18.11	9	30	45	184	343	256	5	7	7	6	16	7	7	21	24	56	127	184	185	120	53	42
	Total	3	870	57.8	56.6	18.29	18.10	9	31	45	185	344	256	5	8	7	6	16	7	7	21	24	56	127	184	185	120	53	42

All States..	Piece...	16	531	108.2	98.2	61.78	54.26	10	34	46	247	154	40	2	2	1	2	...	3	1	2	3	14	20	54	75	141	124	87
	Time...	4	77	109.7	100.2	42.36	38.90	2	3	5	13	50	4	...	1	...	...	1	1	1	...	3	2	1	32	18	17	...	...
	Total	20	608	108.4	98.4	59.32	52.32	12	37	51	260	204	44	2	3	1	2	1	4	2	2	6	16	21	86	93	158	124	87

SPINNERS, FRAME: Female.

Pennsylvania..	Time...	3	83	108.0	97.8	\$ 26.05	\$23.71	2	1	5	34	41	...	1	...	1	...	1	1	6	38	34	1	...	...	...	...	...	...
	Other States...do...	1	176	87.8	78.5	23.52	20.33	3	9	18	53	67	26	4	1	4	8	16	9	25	12	22	67	7	1	...	...	...	...	...
All States..	Time...	4	259	94.3	84.7	24.34	21.42	5	10	23	87	108	26	5	1	5	8	16	10	26	18	60	101	8	1	...	...	...	...	...

DOFFERS: Female.

Pennsylvania..	Time...	3	68	106.9	83.1	\$ 20.81	\$16.07	2	8	7	39	7	5	2	...	1	5	3	3	4	8	23	19	...	...	...	...	...	...
	Other States...do...	1	294	88.6	76.8	17.36	14.67	8	10	17	70	106	83	8	4	3	13	68	28	8	10	90	62	...	...	...	...	...	...	...
All States..	Time...	4	362	92.0	78.0	18.01	14.93	10	18	24	109	113	88	10	4	4	18	71	31	12	18	113	81	...	...	...	...	...	...	...

TWISTER TENDERS: Female.

Pennsylvania..	Time...	4	127	108.0	94.7	\$ 27.54	\$24.69	3	10	9	29	76	...	2	...	2	3	3	3	1	5	7	33	41	23	3	1	...	...
	Other States...Piece...	1	21	107.2	92.3	24.86	21.80	1	...	2	9	9	...	1	1	1	2	1	7	7	1
All States..	Piece...	1	21	107.2	92.3	24.86	21.80	1	...	2	9	9	...	1	1	1	2	1	7	7	1
	Time...	4	127	108.0	94.7	27.54	24.69	3	10	9	29	76	...	2	...	2	3	3	3	1	5	7	33	41	23	3	1	...	...
	Total	5	148	107.9	94.4	27.16	24.28	4	10	11	38	85	...	3	...	2	3	3	4	2	7	8	40	48	24	3	1	...	...

SPOOLER TENDERS: Female.

Pennsylvania..	Piece...	2	19	108.0	92.0	\$ 19.27	\$16.65	1	1	1	11	2	3	...	1	...	1	1	1	...	3	4	4	2	3	...	...	...	...
	Time...	5	127	107.8	96.6	22.40	19.96	2	4	7	55	58	1	2	...	1	1	1	1	1	5	3	44	61	7	1	...	...	...	...
	Total	5	146	107.9	96.0	21.99	19.53	3	5	8	66	60	4	2	1	1	2	2	1	8	7	48	63	10	1	...	...	...	...	...
Other States...	Time...	1	6	110.0	84.1	21.29	16.17	...	2	...	1	3	...	...	...	...	2	...	...	...	...	1	3	...	...	...	...	...	...	...
All States..	Piece...	2	19	108.0	92.0	19.27	16.65	1	1	1	11	2	3	...	1	...	1	1	...	3	4	4	2	3	...	...	...	...	...
	Time...	6	133	107.9	96.0	22.35	19.79	2	6	7	56	61	1	2	...	1	3	1	1	5	3	45	64	7	1	...	...	...	...	...
	Total	6	152	107.9	95.5	21.96	19.40	3	7	8	67	63	4	2	1	1	4	2	1	8	7	49	66	10	1	...	...	...	...	...

WEAVERS: Male.

Connecticut...	Piece...	6	422	109.7	94.8	\$ 51.05	\$45.12	15	28	34	132	212	1	6	1	1	6	2	3	6	5	13	14	17	50	116	116	65	1
	Time...	1	7	110.0	119.2	49.62	47.03			1	1	5													1	6			
	Total.	6	429	109.7	95.0	51.02	45.16	15	28	35	133	217	1	6	1	1	6	2	3	6	5	13	14	17	51	122	116	65	1
Maine.....	Piece...	12	519	108.0	98.4	59.88	53.52	6	21	32	242	218		1	1	2	1	2	2	2	10	6	10	17	37	61	125	157	85
	Time...	1	2	108.0	103.1	32.40	30.93					1													1				
	Total.	12	521	108.0	98.4	59.77	53.43	6	21	32	243	219		1	1	2	1	2	2	2	10	6	10	18	38	61	125	157	85
Massachusetts.	Piece...	11	2,012	108.0	99.6	52.56	49.10	42	60	93	521	1296		16	4	5	9	14	13	9	17	25	38	45	263	538	576	291	149
	Time...	2	7	108.0	108.0	44.13	44.09					7													1	6			
	Total.	11	2,019	108.0	99.6	52.53	49.08	42	60	93	521	1303		16	4	5	9	14	13	9	17	25	38	45	264	544	576	291	149
New Hamp- shire.	Piece...	6	409	107.4	97.3	50.35	46.02	7	14	40	114	195	39	2	1	1	1	2		3	2	15	12	24	61	113	106	45	21
New Jersey....	do....	3	386	108.0	92.3	43.85	37.58	14	9	17	314	23	9	9	1	3	1	1	3	2	3	7	19	19	136	138	89	5	
New York.....	do....	2	103	112.4	92.3	47.80	39.07	3	9	12	67	12			1	1			2		3	2	4	11	28	30	17	3	1
Pennsylvania	Piece...	10	508	109.7	95.4	42.93	37.87	5	17	45	254	187		3	1			3	5		5	14	17	36	201	187	35	1	
	Time...	1	2	151.0	55.5	42.94	15.83		2												1		1						
	Total.	10	510	109.8	95.3	42.93	37.79	5	19	45	254	187		3	1			3	5	1	5	15	17	36	201	187	35	1	
Rhode Island..	Piece...	5	746	108.0	101.9	51.90	49.12	8	13	39	173	513		2			3	1	1	2	6	3	17	23	97	202	262	112	15
	Time...	1	1	108.0	54.0	41.04	20.53			1													1						
	Total.	5	747	108.0	101.9	51.88	49.08	8	13	40	173	513		2			3	1	1	2	6	3	18	23	97	202	262	112	15
Vermont.....	Piece...	3	392	112.4	94.8	55.61	45.18	4	28	43	269	43	5	2			2	2	4	2	8	7	13	31	35	89	112	69	26
	Time...	1	4	112.0	96.7	39.65	34.26			1	1	2										1			3				
	Total.	3	396	112.4	94.9	55.44	45.07	4	28	44	270	45	5	2			2	2	4	2	8	8	13	31	38	89	112	69	26
All States..	Piece...	58	5,497	108.6	97.9	51.51	46.67	104	199	355	2086	2699	54	41	10	13	23	27	33	26	59	92	144	223	908	1474	1388	738	298
	Time...	7	23	113.0	97.8	43.76	38.74		2	3	3	15								1		2	1	1	6	12			
	Total.	58	5,520	108.7	97.9	51.48	46.64	104	201	358	2089	2714	54	41	10	13	23	27	33	27	59	94	145	224	914	1486	1388	738	298

GENERAL TABLES.

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

TWO-WEEK PAY ROLLS—Continued.

WEAVERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours worked per employee during two weeks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.						Employees earning each classified amount during two weeks.																				
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$4.	\$4 and under \$5.	\$5 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 \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.					
Connecticut ..	Piece...	6	60	109.3	101.7	\$ 52.19	\$49.18	2	3	15	40	1	1	3	8	15	19	13
Maine	Piece...	12	327	108.0	90.5	54.62	49.99	4	12	30	136	145	1	1	2	1	2	2	2	8	25	13	35	46	82	81	28	
	Time...	2	10	108.0	96.7	31.86	28.75	1	1	
	Total.	12	337	108.0	90.7	53.95	49.36	4	13	31	136	153	.....	1	1	2	.....	.....	.....	.....	1	3	3	8	25	13	43	46	82	81	28	.....	
Massachusetts	Piece...	11	1,630	108.0	99.4	48.55	45.30	30	43	109	383	1065	10	3	3	9	12	11	11	12	32	48	56	73	321	488	359	201	8	54	6	
New Hampshire	do....	6	591	108.0	95.6	41.42	36.42	23	28	46	149	345	11	1	3	7	4	7	6	9	15	31	56	73	180	54	180	54	8	
New Jersey ..	do....	3	1,075	108.3	92.9	38.59	33.44	22	24	72	939	11	7	12	6	2	13	3	6	9	8	42	105	159	402	242	63	2	.....	.....	.....	.....
New York	do....	2	82	108.0	91.2	35.54	30.11	.....	4	6	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4	6	8	18	38	5	.....	1	.....	.....	.....
Pennsylvania	do....	10	629	108.0	98.7	39.57	36.32	3	8	44	247	326	1	.....	.....	.....	7	7	4	5	9	15	39	47	272	184	37	3	.....	.....	.....	.....
Rhode Island ..	do....	5	513	107.7	100.9	41.73	38.76	8	14	23	115	353	.....	.....	.....	.....	7	3	3	3	4	11	23	51	176	151	67	13	1	.....	.....	.....
Vermont	Piece...	3	197	112.0	94.1	51.42	43.48	2	9	30	141	15	.....	1	.....	.....	.....	.....	.....	1	2	.....	5	11	24	22	66	42	18	5	.....		
	Time...	1	2	112.0	76.4	39.65	27.04	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Total.	3	199	112.0	93.9	51.30	43.32	2	10	30	141	16	.....	1	.....	.....	.....	.....	.....	.....	1	2	1	5	11	24	23	66	42	18	5	.....	
All States..	Piece...	58	5,104	108.2	96.8	44.17	40.04	92	144	363	2197	2300	8	35	11	10	44	29	33	40	49	135	293	441	1450	1377	723	340	94	.....			
	Time...	3	12	108.7	93.3	33.16	28.46	.....	2	1	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	9	.....	.....	.....	.....	.....	.....
	Total.	58	5,116	108.2	96.8	44.14	40.01	92	146	364	2197	2309	8	35	11	10	44	29	33	41	51	135	293	441	1450	1377	723	340	94	.....			

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Concluded.

TWO-WEEK PAY ROLLS—Concluded.

OTHER EMPLOYEES: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours worked per employee during two weeks.	Average full-time bi-weekly earnings.	Average amount earned per employee during two weeks.	Employees working each classified per cent of full time during two weeks.										Employees earning each classified amount during two weeks.													
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$4.	\$4 and under \$5.	\$5 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 \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.		
								
Pennsylvania..	Piece... Time...	1 5	11 594	108.0 111.0	81.6 105.4	\$38.83 37.94	\$31.71 36.29 34	1 38	6 51 72	4 108 291 16 7 5 9 11 11	2 7	1 4	1 16 27	3 40 52 168 115 115	2 63	2 38 16
	Total.	5	605	110.9	105.0	37.95	36.21	34	39	57	72	112	291	16	7	5	9	11	11	9	5	17	27	43	52	168	115	115	65	40	16
Other States...	Piece... Time...	1 2	81 935	107.8 108.1	80.4 105.4	\$31.69 32.06	\$24.21 31.82	9 19	9 35	17 63	21 203	12 217	13 398	8 13	..... 13	1 4	..... 8	6 11	2 13	4 22	1 11	8 33	9 80	11 205	24 376	6 106	..... 35	1 15	..... 15	..... 3
	Total.	2	1,016	108.1	103.4	32.03	30.94	28	44	80	224	229	411	21	.....	5	8	17	15	26	12	41	89	216	400	112	36	15	.....	3
All States...	Piece... Time...	2 7	92 1,529	107.8 109.2	80.5 105.4	\$32.55 34.34	\$25.12 33.38	9 53	10 73	23 114	21 275	16 325	13 689	8 29	..... 7	1 9	..... 17	6 22	4 20	5 26	2 27	8 60	12 120	11 257	24 544	6 221	..... 21	3 98	2 53	..... 19
	Total.	7	1,621	109.1	104.0	34.24	32.91	62	83	137	296	341	702	37	7	10	17	28	24	31	29	68	132	268	568	227	101	55	19		

OTHER EMPLOYEES: Female.

Pennsylvania..	Piece... Time...	3 5	59 228	108.0 107.9	92.3 98.9	\$34.34 24.00	\$28.98 22.12	1 9	3 8	8 11	24 87	23 72	..... 41	1 6	..... 4	..... .....	1 1	..... 6	..... 2	3 3	6 14	8 37	4 78	8 49	13 26	13 2	2.....	..........	..........
	Total.	5	287	107.9	97.6	26.13	23.53	10	11	19	111	95	41	7	4	.....	2	6	2	6	20	45	82	57	39	15	2	.....	.....

Other States..	Piece...	1	19	108.0	63.1	22.91	13.80	4	5	2	2	6	3	1	1	4	1	2	4	3	.....	.....	.....	.....			
	Time...	2	407	107.1	89.3	24.34	20.18	20	36	36	157	157	1	11	6	6	7	12	20	20	31	77	96	91	30	.....	.....	.....	.....
	Total.	2	426	107.1	88.1	24.28	19.89	24	41	38	159	163	1	14	7	7	11	12	20	21	31	79	100	94	30	.....	.....	.....	.....
All States..	Piece...	4	78	108.0	85.2	31.55	25.28	5	8	10	26	29	4	1	1	5	4	6	10	8	11	13	13	2	.....	.....	.....	.....
	Time...	7	635	107.4	92.8	24.22	20.87	29	44	47	244	229	42	17	10	6	8	18	22	23	45	114	174	140	56	13	2	.....	.....	.....	.....
	Total.	7	713	107.4	91.9	25.02	21.36	34	52	57	270	258	42	21	11	7	13	18	22	27	51	124	182	151	69	15	2	.....	.....	.....	.....

