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BUREAU OF LABOR STATISTICS
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WAGES AND HOURS OF LABOR SERIES

**WAGES AND HOURS OF LABOR
IN WOOLEN AND WORSTED
GOODS MANUFACTURING, 1924**



MARCH, 1925

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INTRODUCTION AND SUMMARY

The biennial survey of wages and hours of labor in the woolen and worsted goods industry was made this year from pay rolls for periods in January, February, March, April, and May. Schedules were obtained from pay rolls of 72 representative establishments located in 9 States.

Earnings per hour, full-time and actual hours of work per week, and full-time and actual earnings per week for 1924 are presented in this report. Summaries are also shown for the years 1910 to 1914, 1916, 1918, 1920, 1922, and 1924. No data were collected in the alternate years from 1914 to 1924.¹

The following table shows the changes in hours and earnings from 1910 to 1924, based on the figures for 1913:

TABLE 1.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, EARNINGS PER HOUR, AND FULL-TIME EARNINGS PER WEEK, BY YEAR

[1913=100]

Year	Index numbers of average—		
	Full-time hours per week	Earnings per hour	Full-time earnings per week
1910.....	101	90	91
1911.....	102	91	92
1912.....	100	102	102
1913.....	100	100	100
1914.....	98	103	100
1916.....	98	127	124
1918.....	97	193	186
1920.....	86	355	304
1922.....	87	268	231
1924.....	88	301	262

Changes in wage rates since January 1, 1923, were reported as follows: Of the 72 mills, 49 reported a 12.5 per cent increase, 11 reported 10 per cent increase, 1 mill each reported 20, 12, 11, 9.5, and 7.5 per cent increases, respectively, and 7 mills reported no change. Overtime work was paid for at an increased rate of 50 per cent by 31 mills, 25 per cent by 9 mills, and 20 per cent by 1 mill. No increased

¹ Previous reports of wages and hours of labor in this industry have been published by the bureau as follows: Nineteenth Annual Report, Bulletins Nos. 59, 65, 71, 77, 128, 150, 190, 238, 261, 289, and 327.

rate was paid for overtime by 31 mills. Eleven mills reported paying 10 per cent and 1 mill 15 per cent higher wages for night work than for day work. Bonuses were paid by 36 mills to the employees in one or more occupations and were usually based on production. No bonuses were reported by 36 mills.

A summary of the hourly earnings, full-time weekly earnings, and full-time hours per week for the years 1910 to 1924, inclusive, in the principal occupations of the industry, is presented in the following table. In addition, this table shows a classification of employees by percentages of employees according to their full-time hours.

TABLE 2.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 TO 1924

Occupation and sex	Year	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Per cent of employees whose full-time hours per week were—						
							Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60 and over
Wool sorters:													
Male													
	1910	18	289	56.3	\$0.247	\$13.86					88	4	8
	1911	19	444	56.4	.241	13.54					83	12	5
	1912	19	471	55.2	.267	14.72			61		21	14	3
	1913	19	246	55.0	.281	15.43				65	21	14	
	1914	15	381	54.2	.276	14.97				83	17	(1)	
	1916	17	412	54.1	.329	17.80	1			82	17		
	1918	20	538	54.4	.460	24.94				87	7		5
	1920	23	423	48.1	.871	41.90	1	99		1			
	1922	17	358	48.4	.710	34.36				94	6		
	1924	19	359	49.5	.776	38.41			75	1	24		
Female													
	1920	1	28	48.0	.901	43.25		100					
	1922	3	37	48.0	.702	33.70		100					
	1924	5	65	48.2	.608	29.31		97		3			
Wool washer tenders:													
Male													
	1920	20	113	48.8	.583	28.45		88		11			2
	1922	23	93	49.2	.446	21.94			84	1	9	1	5
	1924	20	119	49.3	.513	25.29			78	1	19	2	
Picker tenders:													
Male													
	1920	41	277	48.3	.530	25.60		95		5			
	1922	43	276	49.3	.428	21.10			82	5	9		
	1924	45	275	49.3	.471	23.22			79	3	15		3
Card tenders:													
Male													
	1910	26	201	56.9	.127	7.25					66	20	14
	1911	40	320	57.1	.136	7.73					55	35	10
	1912	40	412	56.4	.135	7.64				36	18	33	13
	1913	40	329	56.3	.142	8.01				32	24	36	8
	1914	41	398	56.1	.147	8.26				46	18	19	18
	1916	47	533	55.8	.186	10.38				47	22	15	17
	1918	47	599	54.8	.287	15.75	3	2		62	16	1	14
	1920	43	444	48.4	.517	25.02	(1)	94		3			2
	1922	46	514	49.5	.405	20.05				81	4	9	2
	1924	47	528	49.4	.473	23.37				81	5	9	4
Female													
	1920	11	103	48.3	.437	21.11		95		5			
	1922	10	109	48.2	.351	16.92			97	3			
	1924	12	94	48.0	.409	19.63			100				
Card strippers:													
Male													
	1910	27	162	57.0	.153	8.69					64	20	16
	1911	42	223	57.1	.151	8.62					52	37	11
	1912	42	240	56.9	.163	9.29				29	15	39	17
	1913	42	236	56.5	.168	9.46				27	23	45	5
	1914	43	250	55.7	.169	9.44				48	20	20	12
	1916	48	303	55.5	.209	11.61	(1)			52	19	18	10
	1918	48	369	54.8	.324	17.77				76	15	2	7
	1920	45	292	48.2	.570	27.47		96		4			
	1922	46	311	49.5	.433	21.43			84	4	8	1	4
	1924	49	368	50.6	.506	25.60			74	3	9	3	10
Card grinders:													
Male													
	1922	12	26	48.4	.491	23.76			89	7	4		
	1924	15	37	48.8	.602	29.38			84	5	11		

¹ Less than 1 per cent.

² Tabulated in previous reports as "48 and under 54."

TABLE 2.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 TO 1924—Continued

Occupation and sex	Year	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Per cent of employees whose full-time hours per week were—													
							Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60 and over							
Gill box tenders:																				
Male.....	1920	8	130	49.8	\$0.502	\$25.00		85		2										14
	1922	8	288	48.3	.363	17.53		96												
	1924	8	343	49.9	.439	21.91	(1)	73	2	11		9								5
Female.....	1920	15	383	48.4	.442	21.39		93												
	1922	15	413	49.1	.339	16.64		81		17										
	1924	14	435	49.4	.382	18.87	(1)	75	1	21		3								
Comber tenders:																				
Male.....	1910	6	106	56.5	.139	7.87							88							12
	1911	9	188	56.5	.141	7.94							82	10						9
	1912	9	181	55.1	.156	8.56					72		8	12						8
	1913	9	115	54.8	.156	8.51					77		6	17						
	1914	6	228	55.8	.161	9.00					64		7							28
	1916	8	274	56.3	.199	11.18					59		1	2						38
	1918	9	248	55.8	.314	17.49					69		1							29
	1920	10	162	48.9	.552	26.99		93												7
	1922	11	208	48.1	.435	20.92		98		2										
	1924	7	212	49.6	.522	25.89		79		11		4								5
Female.....	1910	6	128	55.5	.111	6.13							97							3
	1911	7	139	55.8	.109	6.10							82	15						3
	1912	7	150	55.8	.116	6.47							82	13						5
	1913	7	163	56.1	.117	6.57					1		75	15						8
	1914	6	162	54.8	.119	6.46							25	75						
	1916	10	178	53.5	.177	9.46		19			48		33							
	1918	12	328	52.8	.258	13.59	2	18			55		25							
	1920	12	155	48.7	.478	23.28		89												
	1922	10	100	49.7	.385	19.13		71												
	1924	10	114	49.2	.418	20.57		77		4		29								
Drawing-frame tenders:																				
Male.....	1916	5	211	55.0	.178	9.80	(1)				77		4	8						11
	1918	6	193	54.1	.264	14.81					96		4							
	1920	6	51	48.0	.501	24.05		100												
	1922	8	189	48.1	.378	18.18		98												
	1924	8	263	49.2	.439	21.60	(1)	81					2	16						
Female.....	1916	14	1,603	53.7	.170	9.15		13			62		23	2						
	1918	15	1,760	52.9	.250	13.24		11			66		21							
	1920	16	1,758	48.3	.445	21.49	(1)	96												
	1922	17	1,615	48.5	.349	16.93		91			9									
	1924	15	1,885	48.9	.397	19.41	(1)	83		2	12		3							
Spinners, mule:																				
Male.....	1910	26	529	57.0	.224	12.75								61	26					13
	1911	40	638	57.3	.224	12.81								49	38					13
	1912	40	719	56.5	.240	13.56								35	15	38				11
	1913	42	828	56.5	.239	13.45								30	21	41				8
	1914	42	897	56.0	.249	13.88								48	17	19				17
	1916	46	1,222	55.3	.316	17.51		2			55		17	18						8
	1918	46	1,431	54.9	.499	27.42		5			58		24	1						12
	1920	46	960	48.2	.816	39.33		96												
	1922	44	1,119	49.2	.670	32.96		82		4	11			3						1
	1924	47	1,290	48.9	.755	36.92		83		6	9		1	1						
Spinners, frame:																				
Male.....	1910	2	114	56.0	.125	7.01							100							
	1911	3	194	56.0	.132	7.37							100							
	1912	3	244	54.0	.158	8.53							100							
	1913	3	115	54.0	.136	7.33							100							
	1914	3	282	53.9	.145	7.80				1			99							
	1916	3	266	53.9	.191	10.30				1			99							
	1918	5	161	53.0	.316	16.74				11			89							
	1920	4	49	48.0	.558	26.78														
	1922	4	45	48.0	.357	17.14					100									
	1924	3	46	50.0	.421	21.05					67		33							
Female.....	1910	8	578	56.0	.122	6.85								97						3
	1911	10	1,002	56.4	.126	7.07								80	19					1
	1912	10	1,070	55.2	.144	7.92								53	32	14				1
	1913	10	751	55.5	.140	7.78								43	34	23				
	1914	9	970	54.2	.147	7.99								75	25					
	1916	14	1,202	53.9	.180	9.68		1	7				70	20	2					
	1918	15	1,330	52.4	.278	14.62		6	4				80	9						
	1920	14	1,026	48.2	.481	23.18		(1)	96				3							
	1922	15	972	48.4	.345	16.70		2	90				8							
	1924	14	1,106	48.9	.417	20.39		(1)	82				4	14						

¹ Less than 1 per cent.

² Tabulated in previous reports as "48 and under 54."

4 WAGES AND HOURS OF LABOR—WOOLEN AND WORSTED GOODS

TABLE 2.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 TO 1924—Continued

Occupation and sex	Year	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Per cent of employees whose full-time hours per week were—						
							Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60 and over
Doffers:													
Male	1916	5	255	49.8	\$0.161	\$3.05	51			49			
	1918	5	138	50.5	.266	13.58	40			60			
	1920	6	108	46.3	.497	23.01	27	¹ 73					
	1922	5	165	47.0	.299	14.05	30	70					
	1924	7	214	49.9	.301	15.02	26	27		47			
Female	1916	12	709	52.2	.135	7.05	22	¹ 4		42	30	2	
	1918	12	829	48.6	.203	9.85	37	² 2		53	8		
	1920	14	561	46.7	.352	16.44	30	¹ 67		3			
	1922	14	619	48.1	.275	13.23	19	68		13			
	1924	10	566	48.1	.315	15.15	20	62	7	11			
Twister tenders:													
Female	1910	10	332	56.9	.126	7.16					68	9	23
	1911	12	600	56.7	.131	7.40					76	10	14
	1912	12	761	55.7	.137	7.62					51	28	5
	1913	12	598	55.4	.135	7.50					45	38	8
	1914	11	884	54.3	.144	7.81					74	26	6
	1916	23	1,028	54.2	.174	9.43	(¹)	¹ 1		83	11	4	
	1918	24	802	53.9	.256	13.80	2	¹ 1		88	8		
	1920	34	1,043	48.3	.457	22.07	2	¹ 88		10		1	
	1922	40	892	49.3	.352	17.35	(¹)	78		22			
	1924	38	914	49.3	.418	20.61	(¹)	73	5	21			
Spooler tenders:													
Female	1916	55	1,571	54.1	.173	9.40	4	¹ 1		76	8	11	
	1918	56	1,514	53.6	.270	14.51	7			75	18		
	1920	55	1,474	48.2	.458	22.08	1	¹ 95		4		(¹)	
	1922	59	1,247	48.7	.383	18.65	(¹)	87	2	11			
	1924	64	1,228	48.6	.419	20.36	(¹)	89	2	9			
Dresser tenders:													
Male	1910	27	214	57.1	.242	13.80					61	18	21
	1911	46	337	57.1	.243	13.85					58	28	14
	1912	46	384	56.4	.262	14.71					28	35	26
	1913	46	347	56.3	.263	14.80					26	37	30
	1914	47	363	55.2	.273	15.03					63	17	11
	1916	55	422	55.0	.318	17.47					63	19	12
	1918	58	409	54.6	.452	24.28					72	22	5
	1920	63	408	48.6	.767	37.28	(¹)	¹ 91		7		2	
	1922	58	498	48.8	.653	31.87	1	87	(¹)	10			2
	1924	65	467	49.3	.748	36.88		81	4	13		(¹)	2
Creeplers or tiers-in:													
Female	1922	3	4	47.9	.315	15.09	3	98					
	1924	3	21	52.9	.311	16.45		19		81			
Drawers-in:													
Male	1924	10	40	51.6	.690	35.60		18	35	48			
Female	1916	52	424	54.7	.250	13.68				33	25	12	
	1918	55	406	54.2	.355	19.23	1			63	21		
	1920	63	392	48.3	.595	28.74	1	¹ 94		4		1	
	1922	60	436	48.5	.480	23.28	1	90	1	8			
	1924	62	453	49.1	.535	26.27		81	1	17			
Loom fixers:													
Male	1910	27	429	56.6	.279	15.76					79	9	12
	1911	46	569	56.7	.275	15.59					68	24	8
	1912	46	589	55.9	.308	17.13					58	32	9
	1913	47	581	55.8	.297	16.55					59	31	26
	1914	47	651	55.1	.312	17.18					58	27	7
	1916	60	794	54.9	.381	20.70		¹ 1		60	26	10	4
	1918	61	843	54.5	.582	30.04		¹ 1		74	20		5
	1920	64	736	48.3	.973	47.00	(¹)	¹ 95		4		1	
	1922	64	747	48.4	.754	36.49	1	92	1	6			
	1924	68	821	49.0	.870	42.63	1	83	3	13		1	(¹)
Weavers:													
Male	1910	27	2,907	57.1	.207	11.79					65	17	19
	1911	46	4,049	57.1	.210	11.97					60	25	14
	1912	46	4,476	56.3	.237	13.30					28	28	15
	1913	47	3,834	56.3	.232	13.06					38	32	34
	1914	48	4,336	55.2	.238	13.10					60	19	6
	1916	61	5,431	54.9	.304	15.95		¹ 2		64	17	14	9
	1918	61	5,812	54.5	.470	25.52		¹ 2		73	21		4
	1920	64	4,825	48.3	.807	38.98	1	¹ 94		4		1	4
	1922	64	5,518	48.3	.616	29.75	2	80	1	8			
	1924	68	5,725	48.8	.701	34.21		87	4	9			1

¹ Less than 1 per cent.

² Tabulated in previous reports as "48 and under 54."

TABLE 2.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 to 1924—Continued

Occupation and sex	Year	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Per cent of employees whose full-time hours per week were—							
							Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60 and over	
Weavers—Concluded.														
Female.....	1910	27	2,855	56.3	\$0.180	\$10.14						84	7	9
	1911	46	3,384	56.8	.184	10.47						63	28	9
	1912	46	3,586	55.9	.206	11.48				39		28	25	8
	1913	47	3,493	56.0	.197	11.03				30		32	36	2
	1914	48	3,862	54.7	.203	11.08				64		39	8	
	1916	61	4,505	54.5	.271	14.76			1.4			56	32	8
	1918	61	5,295	54.1	.406	21.96	(1)	1.4				75	21	
	1920	63	3,783	48.3	.747	36.08	(1)	1.95				4		1
	1922	63	3,622	48.4	.576	27.85	(1)	1.92		2		6		
	1924	67	3,713	48.9	.654	31.98		1.84		4	12			
Cloth inspectors:														
Male.....	1920	10	251	48.0	.763	36.62		1.00		(1)				
	1922	49	315	48.3	.560	27.05	1	1.94		2	3			
	1924	19	246	48.7	.582	28.34		1.86		2	11			
Female.....	1920	16	144	48.3	.504	24.34		1.96				4		
	1922	7	54	48.4	.373	18.05		1.93				7		
	1924	18	245	48.6	.484	23.52		1.87		5	8			
Burlers:														
Female.....	1910	26	1,034	56.5	.130	7.33						81	9	10
	1911	43	1,516	56.8	.130	7.36						65	27	9
	1912	44	1,562	55.9	.145	8.25					46	17	30	7
	1913	44	1,643	55.6	.146	8.14					52	20	26	2
	1914	44	1,756	54.6	.155	8.47		1			54	40	4	
	1916	55	1,889	54.6	.185	10.09	(1)	1.21			65	26	9	
	1918	55	1,867	54.1	.276	14.94	(1)	1.2			80	17		
	1920	64	2,321	48.4	.452	21.88	1	1.93			5		1	
	1922	61	1,773	48.2	.371	17.88	1	1.94	(1)			4		
	1924	60	1,711	49.2	.420	20.66	(1)	1.78		2	19			
Menders:														
Female.....	1910	25	1,196	56.8	.160	9.09						73	10	18
	1911	44	1,623	56.8	.160	9.07						72	14	15
	1912	44	1,668	55.7	.189	10.50					53	20	14	12
	1913	42	1,388	55.3	.183	10.11					57	23	16	4
	1914	43	1,501	54.4	.195	10.57		1			82	8	9	
	1916	53	1,767	54.3	.245	13.28	1	1			86	5	8	
	1918	53	1,685	54.1	.349	18.91					91	9		
	1920	61	1,729	48.5	.603	29.95	1	1.92			6		1	
	1922	63	1,985	48.4	.445	21.54	3	1.89		1	7			
	1924	64	1,850	48.5	.534	25.90		1.90		3	8			
Perchers:														
Male.....	1920	59	419	48.4	.687	33.25	(1)	1.94			4		2	
	1922	55	352	48.6	.520	25.27	(1)	1.92	(1)		2		5	
Female.....	1924	61	466	49.1	.601	29.51		1.82		1	16			(1)
	1920	13	43	49.8	.468	23.31		1.70			30			
	1922	15	75	48.4	.432	20.91		1.93			7			
	1924	10	35	48.4	.452	21.88		1.91		6	3			
Fullers:														
Male.....	1920	53	195	48.6	.590	28.67		1.92			8		1	
	1922	52	248	49.1	.468	22.98		1.85		4	7			4
	1924	51	227	49.0	.512	25.09		1.88		4	5			3
Washer tenders, cloth:														
Male.....	1920	56	378	48.6	.574	27.90		1.93			4		1	2
	1922	59	330	49.6	.461	22.87	1	1.81		4	7			7
	1924	60	402	49.7	.518	25.74		1.81		4	8			6
Dyer tenders, cloth:														
Male.....	1920	56	276	48.4	.551	26.67		1.96			3		(1)	1
	1922	57	219	50.3	.453	22.79		1.79		3	8		(1)	10
	1924	59	267	49.8	.506	25.20		1.81		2	12		(1)	5
Truckers:														
Male.....	1920	62	1,205	48.1	.505	24.29	2	1.95			2		(1)	(1)
	1922	60	1,334	48.2	.299	19.23	1	1.95		1	2		(1)	(1)
	1924	64	1,672	49.2	.451	22.19	2	1.81		1	11	(1)	1	3

¹ Less than 1 per cent.

² Tabulated in previous reports as "48 and under 54."

TABLE 2.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 to 1924—Concluded

Occupation and sex	Year	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Per cent of employees whose full-time hours per week were—					
							Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60
Laborers, dyehouse:												
Male.....	1910	27	837	56.3	\$0.143	\$8.06					85	9
	1911	45	1,116	56.6	.145	8.22					74	17
	1912	45	1,093	55.5	.157	8.72					51	25
	1913	46	1,041	55.6	.159	8.84					45	29
	1914	47	1,427	54.9	.160	8.75					69	18
	1916	55	1,636	55.0	.197	10.83					60	25
	1918	55	1,606	54.7	.304	16.60	(1)	12			67	25
	1920	52	961	48.3	.564	27.24		95				1
	1922	54	1,032	48.9	.435	21.32		87	3			3
	1924	59	877	49.2	.490	24.11		82	5	11		
Other employees:												
Male.....												
	1914	47	13,947	55.7	.180	10.03	2	1			59	18
	1916	63	16,978	55.8	.225	12.51	2	1			49	26
	1918	63	17,308	55.3	.330	18.24	4	3			57	23
	1920	67	7,194	48.6	.580	28.19	3	91			2	1
	1922	67	7,797	49.6	.455	22.57	2	82	1		6	2
	1924	72	7,984	49.3	.509	25.09	2	78	2		14	1
	1914	46	7,781	54.2	.139	7.54	4				69	24
	1916	61	6,347	53.9	.168	9.05	4	5			54	34
	1918	63	6,407	53.4	.250	13.37	7	4			63	26
	1920	67	3,349	48.2	.421	20.29	6	87				1
	1922	61	3,461	48.9	.336	16.43	3	83			1	11
	1924	68	3,939	49.1	.382	18.76	3	75			2	20

¹ Less than 1 per cent.

² Tabulated in previous reports as "48 and under 54."

As shown by Table 2, the average full-time earnings per week of male employees in the principal occupations in 1924 varied from \$15.02 for doffers to \$42.63 for loom fixers. For females the averages varied from \$15.15 for doffers to \$31.98 for weavers. The classification by full-time hours shows that from 1910 to 1920 there was a steady decrease, and that from 1920 to date a very high percentage of the employees worked a 48-hour week. A careful study of this table shows the trend of hours and earnings from year to year.

Table 2 shows the average earnings per hour each year back to 1910 for most of the leading occupations of the industry. Many readers may desire, however, to know the distribution of the employees entering into the average for each year according to their individual hourly earnings. Such a tabulation has been made for four of the principal occupation groups—male mule spinners, female frame spinners, male weavers, and female weavers—and is here presented in Table 3. The increase or decrease of hourly averages is reflected in the movement of percentages up or down in the classification groups. Thus, the largest per cent of mule spinners in 1922 appears under the "60 and under 70" group, with the average at 67 cents. In 1924 the largest per cent appears under the group "70 and under 80" and the average was 75½ cents.

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR SPINNERS AND WEAVERS IN SPECIFIED YEARS, 1910 TO 1924

Occupation and sex	Year	Number of establishments	Number of employ-ees	Average earnings per hour	Per cent of employees whose earnings per hour were—																							
					Under 8 cents	8 and under 9 cents	9 and under 10 cents	10 and under 12 cents	12 and under 14 cents	14 and under 16 cents	16 and under 18 cents	18 and under 20 cents	20 and under 25 cents	25 and under 30 cents	30 and under 40 cents	40 and under 50 cents	50 and under 60 cents	60 and under 70 cents	70 and under 80 cents	80 and under 90 cents	90 cents and under \$1	\$1 and under \$1.10	\$1.10 and under \$1.25	\$1.25 and over				
SpINNERS, mule: Male.....	1910	26	529	\$.224				(1)	(1)	2	8	15	47	25	2													
	1911	40	638	.224				(1)	(1)	2	9	15	53	18	3													
	1912	40	719	.240				(1)	(1)	1	5	10	42	34	8													
	1913	42	828	.239				(1)	1	1	8	10	38	31	10													
	1914	42	897	.249				(1)		1	4	12	37	31	14													
	1916	46	1,222	.316						(1)	(1)		20	21	47													
	1918	46	1,431	.499				(1)				(1)		1	20	30	26	15		6	1	(1)						
	1920	46	960	.816										1	1	10	17	14	16	15	13	11						
	1922	44	1,119	.670											1	13	15	30	21	14	5	1						
	1924	47	1,290	.755										(1)	1	13	18	29	25	9	4	1						
SpINNERS, frame: Female.....	1910	8	578	.122		2		47	41	7																		
	1911	10	1,002	.126			1	39	47	13	(1)																	
	1912	10	1,070	.144			1	3	34	53	8																	
	1913	10	751	.140			(1)	2	42	54	2		(1)															
	1914	9	970	.147				1	28	54	16			1														
	1916	14	1,202	.180				(1)	8	8	27			43	15													
	1918	15	1,330	.278							1			2	21	44	32	(1)	50		42	4	(1)	(1)				
	1920	14	1,026	.481												(1)	9	84	7			(1)	(1)					
	1922	15	972	.345											(1)	9	84	7				(1)	(1)					
	1924	14	1,106	.417											(1)	9	84	7				(1)	(1)					
WeAVERS: Male.....	1910	27	2,907	.207		(1)	(1)		2	4	9	15	19	33	14	4	4											
	1911	46	4,049	.210		(1)	(1)		2	4	9	13	15	35	17	4	4											
	1912	46	4,476	.227		(1)	(1)		1	1	2	5	5	11	34	26	13	(1)										
	1913	47	3,834	.232		(1)	(1)	1	2	2	5	9	12	33	24	11	1	(1)										
	1914	48	4,336	.238		(1)	(1)		1	2	4	7	10	34	20	12	(1)											
	1916	61	5,431	.304		(1)	(1)		(1)	1	1	2	4	17	26	40	10	(1)	1	(1)		(1)	(1)					
	1918	61	5,312	.470		(1)	(1)		(1)	(1)	(1)	2	3	3	2	5	21	34	25	11	2	1	(1)	(1)				
	1920	64	4,825	.807		(1)	(1)		(1)	(1)	(1)	(1)	(1)	(1)	2	5	21	34	25	11	2	1	(1)	(1)				
	1922	64	5,518	.616		(1)	(1)		(1)	(1)	(1)	(1)	(1)	(1)	1	4	14	25	30	16	6	2	(1)	(1)				
	1924	68	5,725	.701		(1)	(1)		(1)	(1)	(1)	(1)	(1)	(1)	2	2	8	16	22	25	7	2	(1)	(1)				

1 Less than 1 per cent

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR SPINNERS AND WEAVERS IN SPECIFIED YEARS, 1910 TO 1924—Concluded

Occupation and sex	Year	Number of establishments	Number of employes	Average earnings per hour	Per cent of employees whose earnings per hour were—																							
					Under 8 cents	8 and under 9 cents	9 and under 10 cents	10 and under 12 cents	12 and under 14 cents	14 and under 16 cents	16 and under 18 cents	18 and under 20 cents	20 and under 25 cents	25 and under 30 cents	30 and under 40 cents	40 and under 50 cents	50 and under 60 cents	60 and under 70 cents	70 and under 80 cents	80 and under 90 cents	90 cents and under \$1	\$1 and under \$1.10	\$1.10 and under \$1.25	\$1.25 and over				
Weavers—Concluded Female.....	1910	27	2,855	\$0.180	(1)	(1)	2	7	10	14	17	19	25	5	1	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	1911	46	3,384	.184	-----	(1)	1	8	12	16	16	15	23	6	1	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1912	47	3,586	.206	-----	-----	1	4	5	9	14	17	32	14	5	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1913	47	3,493	.197	-----	(1)	(1)	4	8	11	16	18	27	12	3	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1914	48	3,862	.203	(1)	(1)	1	5	6	9	13	16	30	15	4	(1)	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1916	61	4,505	.271	-----	(1)	(1)	(1)	1	2	4	6	26	30	26	4	(1)	(1)	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1918	61	5,295	.406	-----	-----	-----	(1)	(1)	(1)	1	1	5	10	34	29	14	5	1	(1)	(1)	-----	-----	-----	-----	-----	-----	-----
	1920	63	3,783	.747	-----	-----	-----	(1)	-----	(1)	-----	(1)	(1)	(1)	1	4	12	20	23	17	12	-----	-----	-----	7	3	1	-----
	1922	63	3,622	.576	-----	-----	-----	-----	(1)	-----	-----	(1)	(1)	(1)	1	8	22	26	22	13	5	1	(1)	7	3	1	-----	
	1924	67	3,713	.654	(1)	-----	-----	-----	(1)	(1)	-----	(1)	(1)	(1)	4	12	21	23	20	13	4	(1)	1	1	1	1	(1)	1

¹ Less than 1 per cent.

To enable the reader more readily to make comparisons of the yearly figures, index numbers have been computed for full-time hours per week, earnings per hour, and full-time weekly earnings for all occupations for which data are available for the years 1910 to 1924, inclusive. These index numbers, which are shown in Table 4, are computed from the averages shown in Table 2. They are percentages in which the averages for 1913 are used as the base, or 100 per cent. The index number for each year preceding and subsequent to 1913 is the per cent that the average for that year is of the 1913 average. The year 1913 is used as the base because it represents the period immediately preceding the World War.

The table of index numbers for the industry (Table 1), which includes all wage workers, shows that hourly earnings for 1924 are more than three times as great as in 1913 and slightly more than 12 per cent higher than in 1922. However, they show about 15 per cent lower than in 1920, which is the year of the wage peak. Full-time hours in 1924 as compared with 1913 are 12 per cent less, and about 1 per cent greater than in 1922. While hourly earnings show an increase of 201 per cent over 1913, full-time weekly earnings are only 162 per cent higher. This difference is caused by the reduction of full-time hours per week.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME EARNINGS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 TO 1924

[1913=100]

Occupation and sex	Year	Index numbers of—			Occupation and sex	Year	Index numbers of—		
		Full-time hours per week	Earnings per hour	Full-time weekly earnings			Full-time hours per week	Earnings per hour	Full-time weekly earnings
Wool sorters: Male.....	1910	102	88	90	Comber tenders: Male.....	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	123	131
	1918	99	164	162		1918	102	201	206
	1920	87	310	272		1920	89	354	317
	1922	88	253	223		1922	88	279	246
	1924	90	276	249		1924	91	335	304
Card tenders: Male.....	1910	101	89	91	Female.....	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
	1920	86	364	312		1920	87	409	354
	1922	88	285	250		1922	89	329	291
	1924	88	333	292		1924	88	357	313
Card strippers: Male.....	1910	101	91	92	Spinners, mule: Male.....	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	183	188		1918	97	209	204
	1920	85	339	290		1920	85	341	292
	1922	88	258	227		1922	87	280	245
	1924	90	301	271		1924	87	316	274

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TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME EARNINGS PER WEEK, BY OCCUPATION, SEX, AND YEAR, 1910 TO 1924—Concluded

Occupation and sex	Year	Index numbers of—			Occupation and sex	Year	Index numbers of—		
		Full-time hours per week	Earnings per hour	Full-time weekly earnings			Full-time hours per week	Earnings per hour	Full-time weekly earnings
Spinners, frame:					Weavers:				
Male	1910	104	92	96	Male	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
	1920	89	410	365		1920	86	348	298
	1922	89	263	234		1922	86	266	228
	1924	93	310	287		1924	87	302	262
Female	1910	101	87	88	Female	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
	1920	87	344	298		1920	86	379	327
	1922	87	246	215		1922	86	292	252
	1924	88	298	262		1924	87	332	290
Twister tenders:					Burlers:				
Female	1910	103	93	95	Female	1910	102	89	90
	1911	102	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
	1920	87	339	294		1920	87	310	269
	1922	89	261	231		1922	87	254	220
	1924	89	310	275		1924	88	288	254
Dresser tenders:					Menders:				
Male	1910	101	92	93	Female	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
	1920	86	292	252		1920	88	330	289
	1922	87	248	215		1922	88	243	213
	1924	88	284	249		1924	88	292	256
Loom fixers:					Laborers, dyehouse:				
Male	1910	101	94	95	Male	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
	1920	87	328	284		1920	87	355	308
	1922	87	254	220		1922	88	274	241
	1924	88	293	258		1924	88	308	273

DAYS OF OPERATION AND DAYS IDLE

Table 5 shows that the average number of days in operation for the year ending December 31, 1923, in the mills canvassed ranged from 269 in New York to 300 in New Jersey. Of the 72 mills reported, 34 were operated 300 or more days and 60 operated 285 or more days. The average for all of the 72 mills was 294 days.

The leading causes of idleness were "holidays and vacations" and "slack business" each of which caused idleness for 8 days. In

computing the averages the days for each mill were added and the total divided by the number of mills, regardless of their size.

TABLE 5.—AVERAGE AND CLASSIFIED NUMBER OF DAYS MILLS WERE IN OPERATION AND NUMBER OF DAYS IDLE ON ACCOUNT OF SPECIFIED CAUSES DURING 1923, BY STATE

State	Number of establishments	Average number of days in operation during year	Number of establishments in which days of operation during year were—						Average number of week days idle during year on account of—		
			225 and under 240	240 and under 255	255 and under 270	270 and under 285	285 and under 300	300 and over	Holidays and vacation	Slack business	Other causes
Connecticut.....	9	299			1		1	7	7	5	2
Maine.....	12	294			1	2	1	8	7	5	8
Massachusetts.....	11	291			1	1	7	2	13	9	(¹)
New Hampshire.....	5	292			1		2	2	10	8	2
New Jersey.....	4	300				1		3	8	5	(¹)
New York.....	2	269		1			1		9	32	4
Pennsylvania.....	18	299					9	9	7	7	(¹)
Rhode Island.....	9	286	1			2	4	2	7	12	8
Vermont.....	2	297					1	1	8	8	
Total.....	72	294	1	1	4	6	26	34	8	8	3

¹ Less than one-half day.

AVERAGE HOURS AND EARNINGS, BY STATES

The following table shows the number of establishments, number of employees, average earnings per hour, average full-time hours per week, and average full-time earnings per week, by States. It will be noted that the average earnings per hour range from \$0.468 in New Hampshire to \$0.595 in New Jersey.

TABLE 6.—AVERAGE HOURS AND EARNINGS, BY STATE, 1924

State	Number of establishments	Number of employees	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week
Connecticut.....	9	1,698	49.0	\$0.573	\$28.08
Maine.....	12	2,242	49.5	.565	27.97
Massachusetts.....	11	16,891	48.0	.533	25.58
New Hampshire.....	5	3,585	52.8	.468	24.71
New Jersey.....	4	3,549	48.2	.595	28.68
New York.....	2	1,523	48.4	.507	24.54
Pennsylvania.....	18	4,448	51.7	.502	25.95
Rhode Island.....	9	4,917	48.0	.530	25.44
Vermont.....	2	2,764	49.5	.567	28.07
Total.....	72	41,622	49.1	.533	26.17

HOURS OF WORK

Table 7 is a classification of the 72 establishments by full-time hours worked per day and per week. Most mills have the same working hours per day from Monday to Friday, inclusive, and shorter hours on Saturday. Fifty-one of these mills work 48 hours per week, but have seven different combinations of daily hours, five of them working only 5 days per week.

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TABLE 7.—CLASSIFIED NUMBER OF HOURS PER DAY AND PER WEEK

State	Hours on—		Number of establishments whose full-time hours Monday to Friday, Saturday, and per week were—														Total establishments		
	Monday to Friday	Saturday	8½	8¼	8	7¾	7½	(?)	(?)	(?)	9	10	10½	11	11½	12		12½	13
Connecticut.....	2	5	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	9
Maine.....	4	3	2	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	12
Massachusetts.....	5	4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
New Hampshire.....	2	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	5
New Jersey.....	1	1	---	1	---	---	---	---	---	---	1	---	---	---	---	---	---	---	4
New York.....	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Pennsylvania.....	1	1	---	1	1	1	1	1	2	1	1	---	7	---	---	---	---	1	18
Rhode Island.....	3	4	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	9
Vermont.....	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Total.....	22	19	4	3	1	1	1	1	2	2	1	1	10	2	2	---	---	72	

1 Monday to Thursday 8½ hours and Friday 8 hours.
 2 Monday to Thursday 9¼ hours and Friday 9½ hours.
 3 Monday to Thursday 9¾ hours and Friday 9 hours.

DAYS OF OPERATION

In this survey inquiry was made as to the number of calendar days on which establishments operated and employees worked during the representative pay period studied. This was done for the purpose of showing the opportunity afforded for work and the regularity of employment for the employees.

A table of such data has been made for four major groups of employees—mule spinners, female frame spinners, male weavers, and female weavers. The figures for these occupation groups may be accepted as fairly representative for all employees. This table shows that 46 mills employed mule spinners. Of this number, 35 were running 6 days of the pay period studied, 5 ran 5 days, 4 ran 4 days, and 2 ran 3 days. Weighting the days of operation in each mill by the number of employees, the mills averaged 5.4 days in operation. The employees averaged 5 days of work per week, making a loss of 0.4 of a day, due to the many causes that may keep employees from working. Out of the 1,286 employees in this occupation 700 worked 6 days, 213 worked 5 days, etc. One week only was studied for spinners, but for weavers a two-week period was studied.

TABLE 8.—AVERAGE AND CLASSIFIED DAYS OF WORK FOR SPINNERS AND WEAVERS, 1924

ONE-WEEK PERIOD

Occupation and sex	Number of establishments	Average number of days of work in occupation in pay period	Number of establishments in which days of work in occupation in 1 week were—						Number of employees	Average number of days worked by employees in pay period	Number of employees who in 1 week worked specified number of days					
			1	2	3	4	5	6			1	2	3	4	5	6
Spinners, mule: Male.....	46	5.4			2	4	5	35	1,286	5.0	18	64	167	124	213	700
Spinners, frame: Female.....	13	5.2				3	3	7	1,059	5.0	7	6	16	274	300	456

TWO-WEEK PERIOD

Occupation and sex	Number of establishments	Average number of days of work in occupation in pay period	Number of establishments in which days of work in occupation in 2 weeks were—								Number of employees	Average number of days worked by employees in pay period	Number of employees who in 2 weeks worked specified number of days											
			6	7	8	9	10	11	12	1			2	3	4	5	6	7	8	9	10	11	12	
Weavers: Male.....	68	10.8	2	1	6	1	17	3	38	5,725	9.4	42	100	171	221	234	324	203	488	416	990	383	2,153	
Female.....	67	11.1	2	1	6	1	16	3	38	3,713	9.9	22	42	93	94	183	153	89	400	280	503	224	1,729	

¹ Not including 2 employees having a 2-week pay period.

² Not including 47 employees having a 2-week pay period.

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INTRODUCTION AND SUMMARY

SUMMARY OF HOURS AND EARNINGS

Table 9, which follows, shows a summary of establishments and employees grouped by length of pay period and by States. Schedules were obtained from 70 establishments with a one-week pay period, for all occupations except weavers, and from 69 establishments with a two-week pay period, 2 of these establishments being for all occupations and 67 for weavers only. Average full-time hours and earnings, average hours actually worked, and amounts earned per week are shown for each group. The percentage of full time worked by these groups is also shown. The employees in the one-week pay period worked 87 per cent of full time and those in the two-week period worked 82 per cent of full time. The average hourly earnings of the one-week group was 49.2 cents, while the two-week group earned 65.9 cents per hour. This difference in earnings is largely accounted for by the fact that all of the weavers, a highly paid occupation, are included in the two-week group.

TABLE 9.—AVERAGE FULL-TIME AND ACTUAL HOURS WORKED, AVERAGE EARNINGS PER HOUR, AND AVERAGE FULL TIME AND ACTUAL EARNINGS PER PAY PERIOD, BY STATES, 1924

ONE-WEEK PAY PERIOD								
State	Number of establishments	Number of employees	Average full-time hours per pay period	Average hours actually worked in one pay period	Per cent of full-time hours actually worked	Average earnings per hour	Average full-time earnings per pay period	Average earnings actually made in one pay period
Connecticut.....	9	1,046	49.1	43.1	88	\$0.498	\$24.45	\$21.45
Maine.....	12	1,472	49.4	42.5	86	.521	25.74	22.13
Massachusetts.....	11	13,798	48.0	39.8	83	.494	23.71	19.63
New Hampshire.....	5	2,994	53.0	40.4	88	.441	21.65	20.44
New Jersey.....	4	2,781	48.2	44.9	93	.560	26.99	25.13
New York.....	2	1,324	48.5	44.7	92	.478	23.18	21.36
Pennsylvania.....	16	2,614	51.6	48.5	94	.498	25.70	24.16
Rhode Island.....	9	3,496	48.0	41.2	86	.476	22.85	19.59
Vermont.....	2	1,968	49.9	49.6	99	.475	23.70	23.58
Total.....	70	31,493	49.0	42.8	87	.492	24.11	21.06
TWO-WEEK PAY PERIOD								
Connecticut.....	9	652	97.7	83.8	86	\$0.694	\$67.80	\$58.13
Maine.....	12	770	99.1	62.6	63	.649	64.32	40.65
Massachusetts.....	11	3,093	96.0	77.1	80	.705	67.68	54.37
New Hampshire.....	5	591	103.4	82.5	80	.607	59.30	50.03
New Jersey.....	4	768	96.6	87.6	91	.720	69.55	63.10
New York.....	2	204	96.0	84.2	88	.693	66.53	58.37
Pennsylvania.....	15	1,834	103.8	88.7	85	.508	52.73	45.05
Rhode Island.....	9	1,421	96.4	81.1	84	.664	64.01	53.84
Vermont.....	2	796	97.2	85.0	87	.794	77.18	67.46
Total.....	69	10,129	98.4	81.0	82	.659	64.85	53.33

EXPLANATION OF SCOPE AND METHOD

This report includes data from establishments whose sole or principal products are woolen and worsted materials for ladies' wear, including dress goods and cloakings; materials for men's wear, including suitings and overcoatings; goods for uniforms, and flannels. All data were obtained from pay rolls of the various establishments by

agents of the bureau. The number of establishments included in the report has varied considerably since 1910, as follows:

Establishments		Establishments	
1910.....	19	1916.....	61
1911.....	27	1918.....	63
1912.....	46	1920 and 1922.....	67
1913.....	47	1924.....	72
1914.....	48		

In selecting establishments from which to obtain data the bureau undertook to represent all States in which woolen and worsted manufacturing is of material importance, as indicated by the number of wage earners reported by the United States Census of Manufactures. The following table shows by States the number of wage earners in the industry, as reported by the United States census of 1921, the number of establishments from which the bureau obtained data for 1924, and the number of wage earners in such establishments:

TABLE 10.—TOTAL NUMBER OF WAGE EARNERS IN WOOLEN AND WORSTED MANUFACTURING AND NUMBER OF WAGE EARNERS FOR WHICH DATA ARE SHOWN FOR 1924

State	Number of wage earners reported by United States census of 1921	Establishments and employees for which data are shown for 1924 in this report	
		Number of establishments	Number of employees
Connecticut.....	7,384	9	1,698
Maine.....	9,591	12	2,242
Massachusetts.....	56,644	11	16,891
New Hampshire.....	5,059	5	3,585
New Jersey.....	15,109	4	3,549
New York.....	7,199	2	1,528
Pennsylvania.....	22,042	18	4,448
Rhode Island.....	23,004	9	4,917
Vermont.....	2,557	2	2,764
Other States.....	13,775		
Total.....	162,364	72	41,622

As shown by the census report, about 92 per cent of the total number of wage earners 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 wage earners for which the bureau obtained 1924 data and for which detailed information is presented in this report is nearly 26 per cent of the total in the industry in 1921, the year to which the census figures apply.

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 time workers and the earnings of piece workers, and are obtained by dividing the total earnings for the pay period by the total number of hours worked.

Where no record was regularly kept of the actual time worked by piece workers, the establishments at the request of the bureau kept a record for the pay 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 average actual earnings of employees during one pay period are shown in Table B, in comparison with average full-time earnings. In this table low actual earnings may be due either to a low rate or to broken time.

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

The average full-time weekly earnings, that is the hypothetical earnings, if all employees worked full time, are obtained by multiplying the average earnings per hour by the average full-time hours.

Descriptions of all the operations in a representative woolen and worsted mill may be found in Bulletin No. 238 of this bureau.

Figures relating to wages and hours are shown separately for 28 of the more important occupations. Males and females are tabulated separately in each occupation. Of the 28 occupations tabulated, data are shown for males alone in 12 occupations, for females alone in 5 occupations, and for both males and females in 11 occupations. The occupations are arranged in the order of manufacture as follows:

Wool sorters.	Dresser tenders.
Wool washer tenders.	Creelers or tiers-in.
Picker tenders.	Drawers-in.
Card tenders.	Loom fixers.
Card strippers.	Weavers.
Card grinders.	Cloth inspectors.
Gill box tenders.	Burlers.
Comber tenders.	Menders.
Drawing frame tenders.	Perchers.
Spinners, mule.	Fullers.
Spinners, frame.	Washer tenders, cloth.
Doffers.	Dryer tenders, cloth.
Twister tenders.	Truckers.
Spooler tenders.	Laborers, dyehouse.

All employees not included in the above-named occupations are combined and shown under "other employees."

GENERAL TABLES

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

TABLE A.—Average hours and earnings and classified full-time hours per week, by occupation, sex, and State, 1924.

TABLE B.—Average actual and full-time hours and earnings, by occupation, sex, and State, 1924.

This table is shown for a one-week pay period for all occupations except weavers, which are shown for two weeks. The average number of calendar days worked by each mill is weighted by the number of employees in the occupation considered; thus, the figures in effect represent the average number of days of work afforded the employees of the occupation. Another column shows the number of calendar

days actually worked by the employees, which, because of time lost by employees, generally falls short of the average days of the establishment.

TABLE C.—Average and classified earnings per hour for spinners and weavers, by sex, and State, 1924.

In this table the average earnings for each employee were obtained by dividing the earnings in the pay period by the hours worked, and in like manner the average earnings for the occupation were obtained by dividing the aggregate earnings in the pay period by the aggregate hours worked by all employees of the occupation.

TABLE D.—Average and classified hours actually worked in one pay period by spinners and weavers who worked on as many days as there was work in the occupation, by occupation, sex, and State, 1924.

This table shows the entire number of employees canvassed in the occupations included in the table and their average full-time hours. Several of the mills, however, did not work full time and many employees did not work on as many calendar days as the mills were open for work. One column of the table shows the number of employees who worked on all of the calendar days the mill afforded them work, and a parallel column shows the average hours that were worked in the pay period by these employees.

In addition the table shows a classification of the employees who worked on as many calendar days as the mills operated, according to the hours such employees actually worked.

No doubt some employees who worked on as many calendar days as the mills were operated did not work as many hours on such days as opportunity was afforded. If an employee lost part of a day when the mill was running, it may have been because no work was available for him or because he did not care to work, therefore, the hours actually worked by employees who worked on every calendar day possible may to some extent fall short of the full opportunity for work. However, even with this uncertainty, the table is much more significant than a table of hours worked without any consideration of days or hours lost by absence when the mills were open for work.

TABLE E.—Average and classified earnings actually made in one pay period by spinners and weavers who worked on as many days as there was work in the occupation, by occupation, sex, and State, 1924.

The explanation given for Table D will make Table E clear without further statement.

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

Occupation, sex, and State	Number of establishments	Number of employees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—							
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Wool sorters, male:													
Maine.....	2	3	\$0.426	\$22.15	52.0		1		2				
Massachusetts.....	5	176	.770	36.96	48.0		176						
New Hampshire.....	2	70	.779	41.75	53.6		5		65				
New Jersey.....	2	19	.879	42.19	48.0		19						
New York.....	4	24	.720	38.30	53.2			5	19				
Pennsylvania.....	4	64	.802	38.50	48.0		64						
Rhode Island.....	3	3	.690	28.32	48.0		3						
Other States.....	1												
Total.....	19	359	.776	38.41	49.5		268	5	86				
Wool sorters, female:													
Massachusetts.....	3	58	.694	28.51	48.0		58						
Other States.....	2	7	.723	35.93	49.7		5		2				
Total.....	5	65	.698	29.31	48.2		63		2				
Wool washer tenders, male:													
Massachusetts.....	6	58	.520	25.12	48.3		56				2		
New Hampshire.....	2	9	.448	23.61	52.7		2		7				
New Jersey.....	2	20	.567	28.66	48.0		20						
New York.....	5	20	.483	25.55	52.9		3	1	16				
Pennsylvania.....	3	7	.450	21.60	48.0		7						
Rhode Island.....	2	5	.476	22.85	48.0		5						
Other States.....													
Total.....	20	119	.513	25.29	49.3		93	1	23		2		
Picker tenders, male:													
Connecticut.....	7	32	.441	21.56	48.9		27						
Maine.....	12	75	.459	22.58	49.2		60		15				
Massachusetts.....	8	54	.493	24.21	49.1		49					5	
New Hampshire.....	4	22	.488	23.81	48.8		19		3				
New Jersey.....	3	24	.528	25.66	48.6		21	3					
New York.....	5	45	.464	23.80	51.3		18	6	19			2	
Pennsylvania.....	3	7	.446	21.41	48.0		7						
Rhode Island.....	2	10	.418	20.06	48.0		10						
Vermont.....	1	6	.453	21.74	48.0		6						
Other States.....													
Total.....	45	275	.471	23.22	49.3		217	9	42			7	
Card tenders, male:													
Connecticut.....	7	38	.411	20.43	49.7		29		7			2	
Maine.....	11	66	.433	22.00	50.8		38	9	14				
Massachusetts.....	9	202	.462	22.55	48.8		193						5
New Hampshire.....	4	34	.458	23.08	50.4		21		10	3			
New Jersey.....	3	53	.642	31.01	48.3		50	3					
New York.....	2	21	.450	21.60	48.0		21						
Pennsylvania.....	5	49	.499	25.50	51.1		18	12	19				
Rhode Island.....	4	39	.421	20.21	48.0		39						
Vermont.....	2	26	.450	23.04	51.2		19					7	
Other States.....													
Total.....	47	528	.473	23.37	49.4		428	24	50	3		9	14
Card tenders, female:													
Maine.....	6	21	.389	18.67	48.0		21						
Other States.....	6	73	.416	19.97	48.0		73						
Total.....	12	94	.409	19.63	48.0		94						
Card strippers, male:													
Connecticut.....	7	27	.490	23.86	48.7		24		3				
Maine.....	12	58	.511	25.29	49.5		45	3	8				2
Massachusetts.....	9	104	.497	23.86	48.0		104						
New Hampshire.....	5	43	.440	22.84	51.9		17		14	12			
New Jersey.....	3	26	.607	29.56	48.7		22	4					
New York.....	2	11	.489	23.47	48.0		11						
Pennsylvania.....	5	32	.595	29.81	50.1		19	4	9				
Rhode Island.....	4	23	.476	22.85	48.0		23						
Vermont.....	2	44	.484	29.96	61.9		9						35
Other States.....													
Total.....	49	368	.506	25.60	50.6		274	11	34	12			37

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

Occupation, sex, and State	Number of establishments	Number of employees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—												
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60					
Card grinders, male:																		
Massachusetts.....	7	18	\$0.582	\$27.94	48.0		18											
Pennsylvania.....	5	14	.666	33.43	50.2		8	2	4									
Other States.....	3	5	.507	24.34	48.0		5											
Total.....	15	37	.602	29.38	48.8		31	2	4									
Gill box tenders, male:																		
Massachusetts.....	2	231	.457	21.94	48.0	1	230											
Pennsylvania.....	2	8	.521	26.36	50.6			7		1								
Rhode Island.....	2	19	.352	16.90	48.0		19											
Other States.....	2	85	.403	22.41	55.6				38	29					18			
Total.....	8	343	.439	21.91	49.9	1	249	7	38	30					18			
Gill box tenders, female:																		
Massachusetts.....	3	126	.404	19.35	47.9	2	124											
New Jersey.....	2	95	.449	21.55	48.0		95											
New York.....	2	42	.320	15.36	48.0		42											
Pennsylvania.....	3	53	.390	20.98	53.8			3	55									
Rhode Island.....	3	66	.342	16.42	48.0		66											
Other States.....	1	48	.281	15.26	54.3				36	12								
Total.....	14	435	.382	18.87	49.4	2	327	3	91	12								
Comber tenders, male:																		
Massachusetts.....	3	162	.541	25.97	48.0		162											
Other States.....	4	50	.461	25.26	54.8		6		24	9					11			
Total.....	7	212	.522	25.89	49.6		168		24	9					11			
Comber tenders, female:																		
Massachusetts.....	2	23	.461	22.13	48.0		23											
New Jersey.....	2	19	.473	22.70	48.0		19											
Pennsylvania.....	3	26	.375	19.95	53.2			5	21									
Rhode Island.....	2	31	.428	20.54	48.0		31											
Other States.....	1	15	.347	16.66	48.0		15											
Total.....	10	114	.418	20.57	49.2		88	5	21									
Drawing frame tenders, male:																		
Massachusetts.....	3	196	.438	21.02	48.0	1	195											
Other States.....	5	67	.441	23.33	52.9		19		5	43								
Total.....	8	263	.439	21.60	49.2	1	214		5	43								
Drawing frame tenders, female:																		
Massachusetts.....	3	970	.413	19.82	48.0	1	969											
New Jersey.....	2	141	.428	20.54	48.0		141											
Pennsylvania.....	4	161	.352	18.48	52.5		13	42	106									
Rhode Island.....	3	290	.367	17.62	48.0		290											
Other States.....	3	323	.390	20.01	51.3		155		118	50								
Total.....	15	1,885	.397	19.41	48.9	1	1,568	42	224	50								
Spinners, mule, male:																		
Connecticut.....	7	113	.642	31.20	48.6		102		11									
Maine.....	12	172	.778	38.69	49.6		128	5	30					9				
Massachusetts.....	9	488	.795	38.16	48.0		488											
New Hampshire.....	5	87	.710	36.35	51.2		44		25	18								
New Jersey.....	3	61	.760	37.24	49.0		48	13										
New York.....	2	78	.797	38.26	48.0		78											
Pennsylvania.....	4	114	.609	31.42	51.6		41	17	56									
Rhode Island.....	3	82	.837	40.18	48.0		82											
Vermont.....	2	95	.812	39.63	48.8		58	37										
Total.....	47	1,290	.755	36.92	48.9		1,069	72	122	18	9							

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

Occupation, sex, and State	Number of establishments	Number of employ-ees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—						
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60
Spinners, frame, male:												
Massachusetts.....	2	31	\$0.443	\$21.26	48.0		31					
Other States.....	1	15	.381	20.57	54.0				15			
Total.....	3	46	.421	21.05	50.0		15		15			
Spinners, frame, female:												
Massachusetts.....	3	609	.434	20.83	48.0	3	606					
New Jersey.....	2	77	.473	22.70	48.0		77					
Pennsylvania.....	3	107	.373	19.17	51.4		20	40	47			
Rhode Island.....	3	168	.387	18.58	48.0		168					
Other States.....	3	145	.392	20.54	52.4		38		107			
Total.....	14	1,106	.417	20.39	48.9	3	909	40	154			
Doffers, male:												
Massachusetts.....	3	96	.328	15.02	45.8	56	40					
Pennsylvania.....	2	13	.272	14.44	53.1		2		11			
Other States.....	2	105	.284	15.08	53.1		15		90			
Total.....	7	214	.301	15.02	49.9	56	57		101			
Doffers, female:												
Massachusetts.....	3	313	.337	15.74	46.7	107	206					
Pennsylvania.....	2	92	.306	16.00	52.3			38	58			
Rhode Island.....	2	106	.275	13.15	47.8	6	100					
Other States.....	3	55	.292	14.37	49.2		44		11			
Total.....	10	566	.315	15.15	48.1	113	350	38	65			
Twister tenders, female:												
Connecticut.....	5	18	.344	16.99	49.4	4	6		8			
Massachusetts.....	8	425	.405	19.44	48.0		425					
New Hampshire.....	2	36	.563	30.29	53.8		1		35			
New Jersey.....	4	61	.414	19.91	48.1		60	1				
New York.....	2	51	.488	23.42	48.0		51					
Pennsylvania.....	8	208	.355	18.74	52.8		10	49	149			
Rhode Island.....	7	94	.466	22.37	48.0		94					
Other States.....	2	21	.358	17.18	48.0		21					
Total.....	38	914	.418	20.61	49.3	4	668	50	192			
Spooler tenders, female:												
Connecticut.....	8	74	.387	19.27	49.8	1	50		23			
Maine.....	12	100	.479	23.66	49.4		77		23			
Massachusetts.....	11	566	.413	19.82	48.0		566					
New Hampshire.....	5	31	.588	29.05	49.4		24		7			
New Jersey.....	4	67	.400	19.32	48.3		62	5				
New York.....	2	37	.526	25.25	48.0		37					
Pennsylvania.....	14	131	.378	19.28	51.0		54	21	56			
Rhode Island.....	6	122	.393	18.90	48.1		119		3			
Vermont.....	2	100	.429	20.59	48.0		100					
Total.....	64	1,228	.419	20.36	48.6	1	1,089	26	112			
Dresser tenders, male:												
Connecticut.....	8	46	.673	32.78	48.7		41		5			
Maine.....	11	40	.743	36.93	49.7		30		8		2	
Massachusetts.....	11	132	.758	36.38	48.0		132					
New Hampshire.....	5	25	.735	37.41	50.9		13		12			
New Jersey.....	4	28	.693	33.82	48.8		23	5				
New York.....	2	24	.663	31.82	48.0		24					
Pennsylvania.....	13	75	.874	44.75	51.2		31	12	32			
Rhode Island.....	9	59	.716	34.58	48.3		56		3			
Vermont.....	2	38	.697	36.38	52.2		27					11
Total.....	65	467	.748	36.88	49.3		377	17	60		2	11
Creelers or tiers-in, female:												
All States.....	3	21	.311	16.45	52.9		4		17			

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

Occupation, sex, and State	Number of establishments	Number of employ-ees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—									
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60		
Drawers-in, male:															
Maine.....	2	2	\$0.673	\$34.32	51.0		1		1						
Pennsylvania.....	8	38	.691	35.06	51.6		6	14	18						
Total.....	10	40	.690	35.60	51.6		7	14	19						
Drawers-in, female:															
Connecticut.....	9	38	.489	24.11	49.3		30		8						
Maine.....	11	35	.574	28.13	49.0		29		6						
Massachusetts.....	11	156	.520	24.96	48.0		156								
New Hampshire.....	5	40	.469	24.34	51.9		12		28						
New Jersey.....	4	26	.615	29.95	48.7		22	4							
New York.....	2	15	.499	23.95	48.0		15								
Pennsylvania.....	9	49	.554	28.81	52.0		16	2	31						
Rhode Island.....	9	63	.575	27.89	48.5		58		5						
Vermont.....	2	31	.536	25.73	48.0		31								
Total.....	62	453	.535	26.27	49.1		369	6	78						
Loom fixers, male:															
Connecticut.....	9	39	.805	39.28	48.8		34		5						
Maine.....	12	49	.808	39.92	49.4		37	1	11						
Massachusetts.....	11	285	.928	44.54	48.0		285								
New Hampshire.....	5	73	.728	38.58	53.0		15		55					3	
New Jersey.....	4	69	.857	41.22	48.1		67	2							
New York.....	2	24	.828	39.74	48.0		24								
Pennsylvania.....	14	96	.913	46.11	50.5		46	22	28						
Rhode Island.....	9	126	.871	41.98	48.2		122		4						
Vermont.....	2	60	.836	40.88	48.9		55							5	
Total.....	68	821	.870	42.63	49.0		685	25	103					5	3
Weavers, male:															
Connecticut.....	9	514	.696	33.96	48.8		446		68						
Maine.....	12	494	.667	32.95	49.4		393		91						10
Massachusetts.....	11	1,798	.721	34.61	48.0		1,798								
New Hampshire.....	5	313	.653	33.37	51.1		190		86						37
New Jersey.....	4	378	.743	35.90	48.0		376	2							
New York.....	2	158	.697	33.46	48.0		158								
Pennsylvania.....	14	731	.606	30.54	50.4		392	136	203						
Rhode Island.....	9	735	.678	32.82	48.4		689		46						
Vermont.....	2	604	.795	38.80	48.8		511	93							
Total.....	68	5,725	.701	34.21	48.8		4,953	231	494					37	10
Weavers, female:															
Connecticut.....	9	138	.688	33.78	49.1		112		26						
Maine.....	12	276	.621	30.93	49.8		195		81						
Massachusetts.....	11	1,295	.684	32.83	48.0		1,295								
New Hampshire.....	5	278	.559	29.29	52.4		72		206						
New Jersey.....	4	390	.691	33.58	48.6		339	51							
New York.....	2	46	.681	32.69	48.0		46								
Pennsylvania.....	13	412	.537	27.33	50.9		178	97	137						
Rhode Island.....	9	686	.651	31.25	48.0		682		4						
Vermont.....	2	192	.790	37.92	48.0		192								
Total.....	67	3,713	.654	31.98	48.9		3,111	148	454						
Cloth inspectors, male:															
Massachusetts.....	4	165	.564	27.07	48.0		165								
New Jersey.....	2	7	.637	30.88	48.0		7								
Pennsylvania.....	5	16	.619	32.50	52.5			6	10						
Rhode Island.....	5	18	.655	31.44	48.0			18							
Other States.....	3	40	.532	29.51	50.7			22	18						
Total.....	19	246	.582	28.34	48.7		212	6	28						
Cloth inspectors, female:															
Massachusetts.....	6	190	.507	24.24	48.0		190								
Pennsylvania.....	9	42	.402	20.70	51.5		11	12	19						
Other States.....	3	13	.473	22.70	48.0		13								
Total.....	18	245	.484	23.52	48.6		214	12	19						

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

Occupation, sex, and State	Number of establishments	Number of employees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—								
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60	
Burlers, female:														
Connecticut.....	8	66	\$0.457	\$22.30	48.8		57		9					
Maine.....	7	20	.333	16.58	49.8		14		6					
Massachusetts.....	10	605	.392	18.82	48.0	4	601							
New Hampshire.....	5	256	.450	24.12	53.6		18		238					
New Jersey.....	4	183	.508	24.38	48.0		181	2						
New York.....	2	81	.530	25.44	48.0		81							
Pennsylvania.....	13	177	.368	18.69	50.8		77	33	67					
Rhode Island.....	9	258	.387	18.69	48.3		245		13					
Vermont.....	2	65	.429	20.59	48.0		65							
Total.....	60	1,711	.420	20.66	49.2	4	1,339	35	333					
Menders, female:														
Connecticut.....	9	84	.526	25.93	49.3		66		18					
Maine.....	10	74	.445	21.45	48.2		71		3					
Massachusetts.....	10	806	.551	26.45	48.0		806							
New Hampshire.....	5	45	.531	25.81	48.6		26		19					
New Jersey.....	4	55	.599	28.99	48.4		50	5						
New York.....	2	92	.574	27.55	48.0		92							
Pennsylvania.....	13	182	.528	27.19	51.5		50	44	88					
Rhode Island.....	9	364	.552	26.66	48.3		348		16					
Vermont.....	2	148	.446	21.41	48.0		148							
Total.....	64	1,850	.534	25.90	48.5		1,657	49	144					
Perchers, male:														
Connecticut.....	9	18	.631	30.48	48.3		17		1					
Maine.....	12	33	.641	31.34	48.9		28		5					
Massachusetts.....	11	150	.648	31.10	48.0		150							
New Hampshire.....	5	64	.536	28.46	53.1		10		54					
New Jersey.....	4	31	.728	35.02	48.1		30	1						
New York.....	2	32	.583	27.03	48.0		33							
Pennsylvania.....	9	29	.574	29.73	51.8		10	4	15					
Rhode Island.....	7	30	.615	29.64	48.2		29		1					
Vermont.....	2	78	.520	25.06	48.2		77						1	
Total.....	61	466	.601	29.51	49.1		384	5	76				1	
Perchers, female:														
Maine.....	2	5	.440	21.12	48.0		5							
Rhode Island.....	4	20	.532	25.54	48.0		20							
Other States.....	4	10	.359	17.77	49.5		7	2	1					
Total.....	10	35	.452	21.88	48.4		32	2	1					
Fullers, male:														
Connecticut.....	6	9	.506	24.64	48.7		8		1					
Maine.....	12	20	.499	24.40	48.9		17		3					
Massachusetts.....	10	102	.522	25.06	48.0		102							
New Hampshire.....	5	16	.495	24.30	49.1		13		3					
New Jersey.....	4	16	.603	29.31	48.6		14	2						
Pennsylvania.....	6	10	.534	27.77	52.0		3	2	5					
Rhode Island.....	5	18	.464	22.92	49.4		13	5						
Vermont.....	2	30	.478	24.57	51.4		24							6
Other States.....	1	6	.511	24.53	48.0		6							
Total.....	51	227	.512	25.09	49.0		200	9	12					6
Washer tenders, cloth, male:														
Connecticut.....	8	13	.492	23.86	48.5		12		1					
Maine.....	12	18	.481	24.19	50.3		13		3				2	
Massachusetts.....	11	138	.491	24.11	49.1		130							8
New Hampshire.....	5	18	.460	23.78	51.7		5		13					
New Jersey.....	4	126	.588	28.34	48.2		125	1						
New York.....	2	21	.511	27.13	53.1		12					9		
Pennsylvania.....	8	27	.494	25.98	52.6		4	10	13					
Rhode Island.....	8	19	.472	23.69	50.2		11	7	1					
Vermont.....	2	22	.462	24.67	53.4		15							7
Total.....	60	402	.518	25.74	49.7		327	18	31				11	15

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

Occupation, sex, and State	Number of establishments	Number of employees	Average earnings per hour	Average full-time earnings per week	Average full-time hours per week	Number of employees whose full-time hours per week were—							
						Under 48	48	Over 48 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Dryer tenders, cloth, male:													
Connecticut	7	10	\$0.451	\$21.92	48.6		9		1				
Maine	12	15	.467	23.54	50.4		10		4			1	
Massachusetts	11	114	.494	24.80	50.2		102				1	11	
New Hampshire	5	21	.464	23.99	51.7		8		13				
New Jersey	4	45	.643	30.99	48.2		44	1					
New York	2	10	.459	23.47	48.0		10						
Pennsylvania	8	21	.473	25.02	52.9		3	4	14				
Rhode Island	8	17	.440	21.30	48.4		16		1				
Vermont	2	14	.457	21.94	48.0		14						
Total	59	267	.506	25.20	49.8		216	5	33		1	12	
Truckers, male:													
Connecticut	8	40	.463	22.50	48.6		36		4				
Maine	12	67	.473	23.41	49.5		52		13		2		
Massachusetts	11	781	.466	22.32	47.9	40	738				1	2	
New Hampshire	5	162	.411	21.54	52.4		45		112	3	2		
New Jersey	3	65	.533	25.74	48.3		60	5					
New York	2	65	.444	21.31	48.0		65						
Pennsylvania	12	85	.427	22.29	52.2		18	12	55				
Rhode Island	9	140	.390	18.76	48.1	1	137		2				
Vermont	2	267	.448	22.98	51.3		211				8	48	
Total	64	1,672	.451	22.19	49.2	41	1,362	17	186	3	10	3	50
Laborers, dyehouse, male:													
Connecticut	8	80	.462	22.59	48.9		68		12				
Maine	12	73	.457	22.71	49.7		52		21				
Massachusetts	11	300	.496	23.86	48.1		293	5				2	
New Hampshire	5	72	.471	24.49	52.0		24		48				
New Jersey	4	104	.568	27.66	48.7		89	15					
New York	2	45	.485	23.28	48.0		45						
Pennsylvania	8	71	.511	25.86	50.6		40	15	11			5	
Rhode Island	7	83	.464	22.50	48.5		75	6	2				
Vermont	2	49	.455	24.39	53.6		33					16	
Total	59	877	.490	24.11	49.2		719	41	94			7	16
Other employees, male:													
Connecticut	9	223	.466	23.16	49.7	6	152		51	14			
Maine	12	393	.480	23.71	49.4		315	2	64		3	6	
Massachusetts	11	3,273	.519	25.02	48.2	162	3,047	1			8	55	
New Hampshire	5	745	.447	23.51	52.6		139		567	37		2	
New Jersey	4	928	.592	28.53	48.2		895	33					
New York	2	337	.454	22.06	48.6		320					17	
Pennsylvania	18	837	.520	27.61	53.1		251	122	415	6		3	
Rhode Island	9	744	.491	23.22	47.3	2	728		14			40	
Vermont	2	504	.486	24.69	50.8		402	21			1	31	
Total	72	7,984	.509	25.09	49.3	170	6,249	179	1,111	57	4	64	150
Other employees, female:													
Connecticut	9	69	.337	16.18	48.0	3	65		1				
Maine	11	126	.350	17.26	49.3		99		27				
Massachusetts	11	1,647	.387	18.46	47.7	119	1,523						
New Hampshire	5	522	.352	18.94	53.8		15		503	4			
New Jersey	4	406	.488	23.52	48.2		392	14					
New York	2	139	.356	17.09	48.0		139						
Pennsylvania	15	406	.379	19.71	52.0	4	106	52	244				
Rhode Island	9	386	.379	18.27	48.2		376		10				
Vermont	2	238	.305	14.64	48.0		238						
Total	68	3,939	.382	18.76	49.1	126	2,958	66	785	4			

24 WAGES AND HOURS OF LABOR—WOOLEN AND WORSTED GOODS

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924

ONE-WEEK PAY PERIOD

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Per cent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Wool sorters, male:									
Maine.....	2	3	4.7	4.7	52.0	41.1	79	\$22.15	\$17.51
Massachusetts.....	5	176	5.9	4.7	48.0	38.8	81	36.96	29.86
New Hampshire.....	2	70	4.0	4.0	53.6	34.3	64	41.75	28.74
New Jersey.....	2	19	5.8	5.6	48.0	45.3	94	42.19	39.85
Pennsylvania.....	13	19	5.7	5.6	52.9	50.9	96	37.35	35.88
Rhode Island.....	3	64	5.7	5.5	48.0	44.5	93	38.50	35.71
Other States.....	1	3	6.0	4.7	48.0	36.8	77	28.32	21.73
Total.....	1 18	354	5.5	4.8	49.4	39.9	81	38.33	30.98
Wool sorters, female:									
Massachusetts.....	3	58	5.6	5.5	48.0	45.6	95	28.51	27.08
Other States.....	2	7	5.7	5.7	49.7	47.5	96	35.93	34.39
Total.....	5	65	5.6	5.5	48.2	45.8	95	29.31	27.87
Wool washer tenders, male:									
Massachusetts.....	6	58	5.3	5.2	48.3	52.7	109	25.12	27.38
New Hampshire.....	2	9	5.8	5.0	52.7	46.9	89	23.61	21.02
New Jersey.....	2	20	5.9	5.9	48.0	52.7	110	28.66	31.49
Pennsylvania.....	14	14	5.9	5.9	52.4	58.8	112	22.79	25.59
Rhode Island.....	3	7	5.7	5.7	48.0	59.6	124	21.60	26.86
Other States.....	2	5	6.0	6.0	48.0	71.0	148	22.85	33.80
Total.....	1 19	113	5.6	5.5	49.1	54.3	111	24.99	27.63
Picker tenders, male:									
Connecticut.....	7	32	5.7	5.6	48.9	48.4	99	21.56	21.33
Maine.....	12	75	5.7	5.3	49.2	45.1	92	22.58	20.69
Massachusetts.....	8	54	5.8	5.6	49.1	50.0	102	24.21	24.62
New Hampshire.....	4	22	5.7	5.5	48.8	49.0	100	23.81	23.93
New Jersey.....	3	24	5.8	5.6	48.6	48.0	99	25.66	25.30
Pennsylvania.....	14	42	5.4	5.5	51.1	54.3	106	23.61	25.13
Rhode Island.....	3	7	5.6	5.6	48.0	44.9	94	21.41	20.02
Vermont.....	2	10	6.0	5.6	48.0	46.5	97	20.06	19.44
Other States.....	1	6	6.0	4.7	48.0	37.1	77	21.74	16.82
Total.....	1 44	272	5.7	5.5	49.3	48.3	98	23.22	22.75
Card tenders, male:									
Connecticut.....	7	38	5.6	5.4	49.7	45.8	92	20.43	18.82
Maine.....	11	66	5.5	5.2	50.8	47.2	93	22.00	20.44
Massachusetts.....	9	202	5.6	5.3	48.8	51.7	106	22.55	23.88
New Hampshire.....	4	34	5.9	5.6	50.4	49.1	97	23.08	22.48
New Jersey.....	3	53	5.5	5.5	48.3	52.6	109	31.01	33.78
New York.....	2	21	6.0	6.0	48.0	63.2	132	21.60	28.47
Pennsylvania.....	14	44	5.3	4.8	50.8	47.6	94	25.70	24.07
Rhode Island.....	4	39	5.7	5.5	48.0	51.6	108	20.21	21.76
Vermont.....	2	26	6.0	5.8	51.2	52.7	103	23.04	23.71
Total.....	1 46	523	5.6	5.4	49.3	50.8	103	23.32	24.02
Card tenders, female:									
Maine.....	6	21	5.4	5.2	48.0	43.5	91	18.67	16.90
Other States.....	6	73	4.7	4.3	48.0	35.5	74	19.97	14.80
Total.....	12	94	4.9	4.5	48.0	37.3	78	19.63	15.27
Card strippers, male:									
Connecticut.....	7	27	5.8	5.4	48.7	45.4	93	23.86	22.25
Maine.....	12	58	5.6	5.3	49.5	47.3	96	25.29	24.19
Massachusetts.....	9	104	5.9	5.2	48.0	44.1	92	23.86	21.91
New Hampshire.....	5	43	5.7	4.6	51.9	42.6	82	22.84	18.76
New Jersey.....	3	26	5.8	5.7	48.7	50.7	104	29.56	30.81
New York.....	2	11	6.0	6.0	48.0	58.1	121	23.47	28.41
Pennsylvania.....	14	29	5.3	5.1	49.7	50.7	102	29.37	29.96
Rhode Island.....	4	23	5.8	5.7	48.0	51.0	106	22.85	24.28
Vermont.....	2	44	6.0	5.9	61.9	66.6	108	29.96	32.27
Total.....	1 48	365	5.8	5.3	50.6	49.1	97	25.55	24.79

¹ Not including 1 establishment having a 2-week pay period.

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924—Continued

ONE-WEEK PAY PERIOD—Continued

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Per cent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Card grinders, male:									
Massachusetts.....	7	18	5.6	5.4	48.0	49.6	103	\$27.94	\$28.88
Pennsylvania.....	14	13	5.3	5.2	49.9	52.0	104	33.18	34.59
Other States.....	3	5	5.6	5.6	48.0	61.0	127	24.34	30.92
Total.....	14	36	5.5	5.4	48.7	52.1	107	29.22	31.22
Gill box tenders, male:									
Massachusetts.....	2	231	5.5	5.2	48.0	51.2	107	21.94	23.40
Pennsylvania.....	2	8	5.0	4.8	50.6	48.1	95	26.36	25.05
Rhode Island.....	2	19	6.0	5.7	48.0	50.7	106	16.90	17.86
Other States.....	2	85	5.4	4.7	55.6	49.5	89	22.41	19.98
Total.....	8	343	5.5	5.1	49.9	50.7	102	21.91	22.28
Gill box tenders, female:									
Massachusetts.....	3	126	5.0	4.7	47.9	38.9	81	19.35	15.73
New Jersey.....	2	95	5.5	5.3	48.0	48.1	100	21.55	21.60
New York.....	2	42	5.9	5.7	48.0	47.6	99	15.36	15.23
Pennsylvania.....	12	11	5.7	5.5	52.9	51.1	97	19.41	18.75
Rhode Island.....	3	66	5.3	5.1	48.0	41.6	87	16.42	14.22
Other States.....	1	48	5.5	5.4	54.3	42.5	78	15.26	11.93
Total.....	13	388	5.4	5.1	48.9	43.3	89	18.58	16.47
Comber tenders, male:									
Massachusetts.....	3	162	5.4	5.2	48.0	49.9	104	25.97	26.96
Other States.....	4	50	5.6	5.0	54.8	49.9	91	25.26	23.00
Total.....	7	212	5.4	5.2	49.6	49.9	101	25.89	26.02
Comber tenders, female:									
Massachusetts.....	2	23	4.9	4.7	48.0	38.8	81	22.13	17.88
New Jersey.....	2	19	5.4	5.3	48.0	48.6	101	22.70	22.98
Pennsylvania.....	12	12	5.6	5.5	52.3	51.5	98	18.98	18.70
Rhode Island.....	2	31	5.4	5.2	48.0	41.9	87	20.54	17.94
Other States.....	1	15	6.0	5.3	48.0	46.2	96	16.66	16.05
Total.....	19	100	5.4	5.1	48.5	44.3	91	20.47	18.69
Drawing frame tenders, male:									
Massachusetts.....	3	196	5.5	4.8	48.0	42.2	88	21.02	18.47
Other States.....	5	67	4.5	4.4	52.9	45.6	86	23.33	20.13
Total.....	8	263	5.2	4.7	49.2	43.1	88	21.60	18.90
Drawing frame tenders, female:									
Massachusetts.....	3	970	5.2	4.8	48.0	40.0	83	19.82	16.53
New Jersey.....	2	141	5.4	5.2	48.0	46.1	96	20.54	19.70
Pennsylvania.....	13	101	5.6	5.2	51.6	48.1	93	18.32	17.06
Rhode Island.....	3	290	5.3	5.0	48.0	42.4	88	17.62	15.55
Other States.....	3	323	5.8	5.6	51.3	45.7	89	20.01	17.84
Total.....	14	1,825	5.4	5.1	48.8	42.3	87	19.47	16.88
Spinners, mule, male:									
Connecticut.....	7	113	5.7	5.4	48.6	44.2	91	31.20	28.38
Maine.....	12	172	5.5	5.1	49.6	41.3	83	38.59	32.13
Massachusetts.....	9	488	5.0	4.6	48.0	36.7	76	38.16	29.21
New Hampshire.....	5	87	5.2	4.7	51.2	42.3	83	36.35	30.05
New Jersey.....	3	61	5.6	5.2	49.0	44.2	90	37.24	33.59
New York.....	2	78	6.0	5.1	48.0	39.2	82	38.26	31.25
Pennsylvania.....	13	110	5.5	5.3	51.5	50.5	98	31.16	30.52
Rhode Island.....	3	82	6.0	5.7	48.0	45.6	95	40.18	38.16
Vermont.....	2	95	5.6	5.3	48.8	46.4	95	39.63	37.66
Total.....	146	1,286	5.4	5.0	48.9	41.3	84	36.92	31.23

¹ Not including 1 establishment having a 2-week pay period.

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924—Continued

ONE-WEEK PAY PERIOD—Continued

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Per cent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Spinners, frame, male:									
Massachusetts.....	2	31	6.0	5.5	48.0	43.9	91	\$21.26	\$19.43
Other States.....	1	15	6.0	5.2	54.0	47.0	87	20.57	17.87
Total.....	3	46	6.0	5.4	50.0	44.9	90	21.05	18.92
Spinners, frame, female:									
Massachusetts.....	3	609	5.0	4.8	48.0	40.7	85	20.83	17.69
New Jersey.....	2	77	5.4	5.1	48.0	44.5	93	22.70	21.06
Pennsylvania.....	12	60	5.3	5.1	49.3	46.4	94	17.16	16.17
Rhode Island.....	3	168	5.3	5.1	48.0	42.0	88	18.58	18.28
Other States.....	3	145	6.0	5.4	52.4	47.1	90	20.54	18.46
Total.....	113	1,059	5.2	5.0	48.7	42.4	87	20.36	17.73
Doffers, male:									
Massachusetts.....	3	96	5.6	4.8	45.8	37.9	83	15.02	12.45
Other States.....	13	107	6.0	5.5	53.0	43.8	92	15.11	13.92
Total.....	16	203	5.8	5.1	49.6	43.7	88	15.03	12.22
Doffers, female:									
Massachusetts.....	3	313	5.0	4.6	46.7	37.4	80	15.74	12.63
Rhode Island.....	2	106	5.2	5.1	47.8	41.2	86	13.15	11.32
Other States.....	4	93	5.5	5.2	49.5	46.4	94	15.15	14.22
Total.....	19	512	5.1	4.8	47.4	39.9	84	15.03	12.65
Twister tenders, female:									
Connecticut.....	5	18	4.9	4.6	49.4	38.5	78	16.99	13.25
Massachusetts.....	8	425	5.6	4.6	48.0	37.3	78	19.44	15.10
New Hampshire.....	2	36	6.0	5.8	53.8	38.1	71	30.29	21.42
New Jersey.....	4	61	4.9	4.6	48.1	38.3	80	19.91	15.83
New York.....	2	51	5.9	5.5	48.0	43.6	91	23.42	21.24
Pennsylvania.....	17	82	5.4	5.2	50.9	48.5	95	18.48	17.63
Rhode Island.....	7	94	4.9	4.5	48.0	36.9	77	22.37	17.20
Other States.....	2	21	5.1	4.6	48.0	37.6	78	17.18	13.47
Total.....	137	788	5.5	4.7	48.6	39.0	80	20.31	16.27
Spooler tenders, female:									
Connecticut.....	8	74	5.1	4.9	49.8	40.9	82	19.27	15.82
Maine.....	12	100	5.8	5.2	49.4	41.9	85	23.66	20.07
Massachusetts.....	11	566	4.2	3.8	30.4	30.4	63	19.82	12.57
New Hampshire.....	5	31	4.6	4.0	49.4	33.5	68	29.05	19.68
New Jersey.....	4	67	5.1	4.9	48.3	44.4	92	19.32	17.73
New York.....	2	37	5.1	3.9	48.0	30.2	63	25.25	15.86
Pennsylvania.....	113	129	5.2	4.7	51.0	41.5	81	19.38	15.76
Rhode Island.....	6	122	5.2	4.9	48.1	39.6	82	18.90	15.56
Vermont.....	2	100	6.0	5.7	48.0	43.7	91	20.59	18.76
Total.....	163	1,226	4.8	4.4	48.6	36.0	74	20.36	15.08
Dresser tenders, male:									
Connecticut.....	8	46	5.3	5.3	48.7	44.2	91	32.78	29.72
Maine.....	11	40	5.7	5.5	49.7	45.3	91	36.93	33.67
Massachusetts.....	11	132	6.3	4.9	48.0	39.9	83	36.38	30.24
New Hampshire.....	5	25	5.2	4.9	50.9	44.0	86	37.41	32.33
New Jersey.....	4	28	5.1	4.8	48.8	42.7	88	33.82	29.61
New York.....	2	24	5.7	5.0	48.0	41.0	85	31.82	27.17
Pennsylvania.....	112	73	5.2	5.0	51.3	44.6	87	45.09	39.23
Rhode Island.....	9	59	5.1	4.8	48.3	39.8	82	34.58	28.47
Vermont.....	2	38	5.7	4.8	52.2	43.5	83	36.38	30.35
Total.....	164	465	5.3	5.0	49.3	42.3	86	36.88	31.60
Creelers or tiers-in, female:									
All States.....	3	21	5.5	4.8	52.9	43.4	82	16.45	13.50

¹ Not including 1 establishment having a 2-week pay period.

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924—Continued

ONE-WEEK PAY PERIOD—Continued

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Per cent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Drawers-in, male:									
Maine.....	2	2	6.0	6.0	51.0	51.0	100	\$34.32	\$34.32
Pennsylvania.....	17	37	5.9	5.5	51.6	48.0	93	35.66	33.18
Total.....	19	39	5.9	5.5	51.6	48.2	93	35.60	33.24
Drawers-in, female:									
Connecticut.....	9	38	5.2	4.7	49.3	34.0	69	24.11	16.64
Maine.....	11	35	5.3	5.0	49.0	36.9	75	28.13	21.18
Massachusetts.....	11	156	4.6	4.3	48.0	33.0	69	24.96	17.17
New Hampshire.....	5	40	5.9	5.6	51.9	49.2	95	24.34	23.08
New Jersey.....	4	26	5.7	5.6	48.7	47.4	97	29.95	29.17
New York.....	2	15	4.5	4.5	48.0	34.8	73	23.95	17.39
Pennsylvania.....	9	49	5.4	5.0	52.0	44.2	85	28.81	24.50
Rhode Island.....	9	63	5.1	5.0	48.5	40.5	84	27.89	23.26
Vermont.....	2	31	6.0	6.0	48.0	43.2	90	25.73	23.12
Total.....	62	453	5.1	4.9	49.1	38.7	79	26.27	20.70
Loom fixers, male:									
Connecticut.....	9	39	5.4	5.1	48.8	43.8	90	39.28	35.23
Maine.....	12	49	5.6	5.4	49.4	45.0	91	39.92	36.40
Massachusetts.....	11	285	5.5	5.2	48.0	43.0	90	44.54	39.84
New Hampshire.....	5	73	5.8	5.4	53.0	49.0	92	38.58	35.64
New Jersey.....	4	69	5.8	5.8	48.1	47.4	99	41.22	40.66
New York.....	2	24	5.3	5.1	48.0	40.9	85	39.74	33.82
Pennsylvania.....	113	94	5.5	5.4	50.5	48.0	95	46.31	44.01
Rhode Island.....	9	126	5.2	4.9	48.2	41.5	86	41.98	36.13
Vermont.....	2	60	5.9	5.9	49.0	49.0	100	40.88	40.94
Total.....	167	819	5.5	5.3	49.0	44.8	91	42.63	38.92
Cloth inspectors, male:									
Massachusetts.....	4	165	5.0	4.5	48.0	34.1	71	27.07	19.22
New Jersey.....	2	7	6.0	5.9	48.0	47.4	99	30.58	30.22
Pennsylvania.....	14	15	6.0	6.0	52.7	53.0	101	33.36	33.54
Rhode Island.....	5	18	3.9	3.9	48.0	33.0	69	31.44	21.63
Other States.....	3	40	6.0	5.3	50.7	44.8	88	29.51	26.06
Total.....	118	245	5.2	4.7	48.7	37.3	77	28.34	21.71
Cloth inspectors, female:									
Massachusetts.....	6	190	4.6	4.4	48.0	36.8	77	24.34	18.66
Pennsylvania.....	18	37	5.7	5.3	51.7	47.4	92	21.61	19.84
Other States.....	3	13	4.8	4.8	48.0	37.8	79	22.70	17.85
Total.....	117	240	4.8	4.5	48.6	38.5	79	23.72	18.80
Burlers, female:									
Connecticut.....	8	66	5.0	4.9	48.8	40.4	83	22.30	18.48
Maine.....	7	20	4.5	4.5	49.8	36.8	74	16.58	12.24
Massachusetts.....	10	605	4.5	4.3	48.0	35.6	74	18.82	13.96
New Hampshire.....	5	256	5.9	4.7	53.6	39.3	73	24.12	17.72
New Jersey.....	4	183	5.7	5.5	48.0	43.8	91	24.38	22.26
New York.....	2	81	3.9	3.1	48.0	25.8	54	25.44	13.70
Pennsylvania.....	13	177	5.4	5.0	50.8	44.1	87	18.69	16.25
Rhode Island.....	9	258	4.8	4.6	48.3	36.9	76	18.69	14.30
Vermont.....	2	65	6.0	5.7	48.0	45.3	94	20.59	19.43
Total.....	60	1,711	5.0	4.6	49.2	38.2	78	20.66	16.05
Menders, female:									
Connecticut.....	9	84	5.2	4.9	49.3	39.7	81	25.93	20.89
Maine.....	10	74	4.4	4.2	48.2	31.4	65	21.45	13.97
Massachusetts.....	10	806	4.1	3.7	48.0	29.0	60	26.45	15.98
New Hampshire.....	5	45	5.4	4.8	48.6	39.8	82	25.81	21.14
New Jersey.....	4	55	4.5	3.9	48.4	30.7	63	28.99	18.43
New York.....	2	92	4.2	3.8	48.0	31.0	65	27.55	17.78
Pennsylvania.....	13	182	5.6	5.1	51.5	44.1	86	27.19	23.24
Rhode Island.....	9	364	4.9	4.4	48.3	34.2	71	26.66	18.88
Vermont.....	2	148	5.8	5.5	48.0	44.8	93	21.41	19.99
Total.....	64	1,850	4.6	4.2	48.5	33.8	70	25.90	18.02

¹ Not including 1 establishment having a 2-week pay period.

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924—Continued

ONE-WEEK PAY PERIOD—Continued

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Per cent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Perchers, male:									
Connecticut.....	9	18	5.6	5.6	48.3	46.7	97	\$30.48	\$29.50
Maine.....	12	33	5.2	5.1	48.9	41.7	85	31.34	26.73
Massachusetts.....	11	150	5.1	4.6	48.0	37.2	78	31.10	24.12
New Hampshire.....	5	64	5.1	4.6	53.1	41.0	77	28.46	21.97
New Jersey.....	4	31	5.5	5.3	48.1	43.2	90	35.02	31.42
New York.....	2	33	5.9	5.3	48.0	46.0	96	27.98	26.85
Pennsylvania.....	9	29	5.7	5.6	51.8	52.3	101	29.73	30.00
Rhode Island.....	7	30	4.8	4.6	48.2	37.5	78	29.64	23.09
Vermont.....	2	78	6.0	5.7	48.2	47.8	99	25.06	24.88
Total.....	61	466	5.4	5.0	49.1	42.2	86	29.51	25.32
Perchers, female:									
Maine.....	2	5	4.0	3.8	48.0	23.1	48	21.12	10.17
Rhode Island.....	4	20	4.3	3.5	48.0	27.1	56	25.54	14.45
Other States.....	4	10	5.4	5.4	49.5	45.1	91	17.77	16.18
Total.....	10	35	4.6	4.1	48.4	31.7	65	21.88	14.32
Fullers, male:									
Connecticut.....	6	9	5.3	5.2	48.7	45.3	93	24.64	22.92
Maine.....	12	20	5.2	5.2	48.9	43.0	88	24.40	21.48
Massachusetts.....	10	102	5.8	4.6	48.0	39.5	82	25.06	20.64
New Hampshire.....	5	16	5.5	5.3	49.1	46.8	95	24.30	23.17
New Jersey.....	4	16	5.8	5.8	48.6	50.0	103	29.31	30.18
Pennsylvania.....	6	10	5.6	5.5	52.0	52.5	101	27.77	28.00
Rhode Island.....	5	18	4.8	4.6	49.4	45.6	92	22.92	21.17
Vermont.....	2	30	5.8	5.7	51.4	57.0	111	24.57	27.24
Other States.....	1	6	6.0	6.0	48.0	64.4	134	24.53	32.91
Total.....	51	227	5.6	5.0	49.0	45.3	92	25.09	23.22
Washer tenders, male:									
Connecticut.....	8	13	5.3	5.3	48.5	48.1	99	23.86	23.67
Maine.....	12	18	5.1	4.8	50.3	45.9	91	24.19	22.07
Massachusetts.....	11	138	5.1	4.6	49.1	41.3	84	24.11	20.26
New Hampshire.....	5	18	5.6	5.3	51.7	49.1	95	23.78	22.55
New Jersey.....	4	126	5.6	5.2	48.2	45.6	95	28.34	26.82
New York.....	2	21	4.3	3.8	53.1	46.9	88	27.13	23.97
Pennsylvania.....	8	27	5.6	5.4	52.6	50.6	96	25.98	24.99
Rhode Island.....	8	19	4.5	4.5	50.2	42.0	84	23.69	19.82
Vermont.....	2	22	5.7	5.4	53.4	55.5	104	24.67	25.67
Total.....	60	402	5.3	4.9	49.7	45.1	91	25.74	23.40
Dryer tenders, male:									
Connecticut.....	7	10	5.2	5.2	48.6	48.2	99	21.92	21.73
Maine.....	12	15	6.1	4.9	50.4	47.2	94	23.54	22.03
Massachusetts.....	11	114	5.1	4.8	50.2	47.8	95	24.80	23.63
New Hampshire.....	5	21	5.8	5.4	51.7	49.5	96	23.99	22.99
New Jersey.....	4	45	6.7	5.6	48.2	47.4	98	30.99	30.50
New York.....	2	10	5.0	4.8	48.0	51.3	107	23.47	25.08
Pennsylvania.....	8	21	5.9	5.7	52.9	55.6	105	25.02	26.33
Rhode Island.....	8	17	5.3	5.2	48.4	48.5	100	21.30	21.33
Vermont.....	2	14	6.0	5.4	48.0	46.5	97	21.94	21.25
Total.....	59	267	5.4	5.1	49.8	48.6	98	25.20	24.57
Truckers, male:									
Connecticut.....	8	40	5.8	5.4	48.6	44.7	92	22.50	20.66
Maine.....	12	67	5.4	5.2	49.5	43.8	88	23.41	20.72
Massachusetts.....	11	781	5.6	5.2	47.9	43.1	90	22.32	20.09
New Hampshire.....	5	162	5.9	5.3	52.4	46.8	89	21.54	19.21
New Jersey.....	3	65	5.9	5.8	48.3	48.6	101	25.74	25.91
New York.....	2	65	6.0	5.8	48.0	51.6	108	21.31	22.90
Pennsylvania.....	10	68	5.9	5.5	51.8	53.4	103	22.12	22.78
Rhode Island.....	9	140	5.7	5.2	48.1	43.9	91	18.76	17.09
Vermont.....	2	267	5.8	5.6	51.3	52.8	103	22.98	23.64
Total.....	62	1,655	5.7	5.3	49.2	46.1	94	22.19	20.81

¹ Not including 2 establishments having a 2-week pay period.

TABLE B.—AVERAGE ACTUAL AND FULL-TIME HOURS AND EARNINGS, BY OCCUPATION, SEX, AND STATE, 1924—Concluded

ONE-WEEK PAY PERIOD—Concluded

Occupation, sex, and State	Number of establishments	Number of employees	Average number of days worked in pay period by—		Average full-time hours in pay period	Average hours actually worked in one pay period	Percent of full time worked	Average full-time earnings per pay period	Average actual earnings in one pay period
			Establishments	Employees					
Laborers, dyehouse, male:									
Connecticut.....	8	80	5.4	5.1	48.9	45.8	94	\$22.59	\$21.15
Maine.....	12	73	5.9	5.8	49.7	50.0	101	22.71	22.84
Massachusetts.....	11	300	4.9	4.7	48.1	42.2	88	23.86	20.90
New Hampshire.....	5	72	5.9	5.2	52.0	50.0	96	24.49	23.54
New Jersey.....	4	104	5.8	5.6	48.7	49.5	102	27.66	28.15
New York.....	2	45	4.6	4.4	48.0	43.2	90	23.28	20.95
Pennsylvania.....	² 6	64	5.8	5.7	50.5	58.9	117	24.95	29.09
Rhode Island.....	7	83	5.6	5.0	48.5	47.5	98	22.60	22.02
Vermont.....	2	49	5.7	5.5	53.6	59.7	111	24.39	27.14
Total.....	² 57	870	5.4	5.1	49.2	47.5	97	24.06	23.24
Other employees, male:									
Connecticut.....	9	223	5.3	5.1	49.7	44.0	89	23.16	20.49
Maine.....	12	393	5.4	5.0	49.4	43.7	88	23.71	21.01
Massachusetts.....	11	3,273	5.5	5.0	48.2	43.4	90	25.02	22.52
New Hampshire.....	5	745	5.8	5.4	52.6	49.5	94	23.51	22.12
New Jersey.....	4	928	5.5	5.3	48.2	44.7	93	28.53	26.45
New York.....	2	337	5.8	5.6	48.6	50.4	104	22.06	22.90
Pennsylvania.....	² 16	734	5.9	5.5	52.8	52.7	100	26.77	26.69
Rhode Island.....	9	744	5.4	5.3	47.3	44.7	95	23.22	21.92
Vermont.....	2	504	5.9	5.6	50.8	53.4	105	24.69	25.99
Total.....	² 70	7,881	5.6	5.2	49.2	46.1	94	24.99	23.38
Other employees, female:									
Connecticut.....	9	69	5.5	5.1	48.0	40.8	85	16.18	13.73
Maine.....	11	126	5.3	4.5	49.3	36.6	74	17.26	12.82
Massachusetts.....	11	1,647	5.1	4.6	47.7	37.3	78	18.46	14.44
New Hampshire.....	5	522	5.9	5.5	53.8	49.1	91	18.94	17.27
New Jersey.....	4	406	5.5	5.1	48.2	42.9	89	23.52	20.95
New York.....	2	139	5.9	5.4	48.0	42.6	89	17.09	15.15
Pennsylvania.....	¹ 14	241	5.6	5.3	50.6	42.5	84	20.34	17.07
Rhode Island.....	9	386	5.1	4.7	48.2	37.9	79	18.27	14.33
Vermont.....	2	238	6.0	5.7	48.0	45.2	94	14.64	13.81
Total.....	¹ 67	3,774	5.4	4.9	48.9	40.7	83	18.78	15.61

TWO-WEEK PAY PERIOD

Weavers, male:									
Connecticut.....	9	514	11.5	10.2	97.6	83.5	86	\$67.92	\$58.10
Maine.....	12	494	9.8	7.4	98.8	60.1	61	65.90	40.07
Massachusetts.....	11	1,798	10.7	9.5	96.0	76.4	80	69.22	55.12
New Hampshire.....	5	313	10.8	9.1	102.2	78.6	77	66.74	51.40
New Jersey.....	4	378	11.1	10.6	96.0	90.1	94	71.80	67.43
New York.....	2	158	12.0	10.9	96.0	86.4	90	66.92	60.19
Pennsylvania.....	14	731	10.9	8.9	100.8	81.0	80	61.08	49.07
Rhode Island.....	9	735	10.3	9.0	96.8	75.4	78	65.64	51.10
Vermont.....	2	604	11.7	10.3	97.6	84.9	87	77.60	67.48
Total.....	68	5,725	10.8	9.4	97.6	78.3	80	68.42	54.85
Weavers, female:									
Connecticut.....	9	138	11.5	10.3	98.2	84.6	86	67.56	58.26
Maine.....	12	276	10.0	8.1	99.6	67.1	67	61.86	41.68
Massachusetts.....	11	1,295	10.5	9.5	96.0	78.0	81	65.66	53.33
New Hampshire.....	5	278	11.3	9.8	104.8	86.8	83	58.58	48.48
New Jersey.....	4	390	11.1	10.3	97.2	85.2	88	67.16	58.90
New York.....	2	46	12.0	9.9	96.0	76.5	80	65.38	52.13
Pennsylvania.....	13	412	11.5	9.5	101.8	83.0	82	54.66	44.60
Rhode Island.....	9	686	11.6	10.9	96.0	87.1	91	62.50	56.74
Vermont.....	2	192	12.0	10.9	96.0	85.3	89	75.84	67.41
Total.....	67	3,713	11.1	9.9	97.8	81.4	83	68.96	53.24

¹ Not including 1 establishment having a 2-week pay period.
² Not including 2 establishments having a 2-week pay period.

TABLE C.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR SPINNERS AND WEAVERS, BY SEX AND STATE, 1924

Occupation, sex, and State	Number of establishments	Number of employees	Average earnings per hour	Number of employees whose earnings per hour were—																																
				6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 cts. and under \$1.00	\$1.00 and under \$1.10	\$1.10 and under \$1.25	\$1.25 and under \$1.40	\$1.40 and over												
Spinners, mule, male:																																				
Connecticut.....	7	113	\$0.642													1	6	38	33	6													1			
Maine.....	12	172	.778														1	18	34	42	39	17								16	4		1			
Massachusetts.....	9	488	.795														1	9	51	206	165	36	14	5					1	1			1			
New Hampshire.....	5	87	.710															28	14	12	6	12	10	4												
New Jersey.....	3	61	.760														3	5	14	6	28	5														
New York.....	2	78	.797															4	15	30	13	9														
Pennsylvania.....	4	114	.609															57	47	10																
Rhode Island.....	3	82	.837															1	7	18	35	21														
Vermont.....	2	95	.812															2	21	24	26	16														
Total.....	47	1,290	.755														1	11	162	236	375	318	116	52	15	1					1	3				
Spinners, frame, female:																																				
Massachusetts.....	3	609	.434															57	411	141																
New Jersey.....	2	77	.473															21	24	31		1														
Pennsylvania.....	3	107	.373														5	69	33																	
Rhode Island.....	3	168	.387															137	31																	
Other States.....	3	145	.392															109	36																	
Total.....	14	1,106	.417														5	393	535	172		1														
Weavers, male:																																				
Connecticut.....	9	514	.696														2	10	25	75	138	158	73	24	6									1		
Maine.....	12	494	.667														2	6	50	90	103	95	64	37	22	17					6		2			
Massachusetts.....	11	1,798	.721														1	15	111	261	402	456	352	139	36	13	6					6	6			
New Hampshire.....	5	313	.653														1	9	43	52	66	87	29	18	5	2	1									
New Jersey.....	4	378	.748															4	13	31	75	115	103	30	6											
New York.....	2	158	.697															2	12	31	33	46	27	6												3
Pennsylvania.....	14	731	.606														3	36	117	204	209	105	26	14	1	1	1	1	1	1	1	1	1	1	3	
Rhode Island.....	9	735	.678														3	29	59	129	169	177	111	30	14	4	4	6	1	1	1	1	1	1	1	
Vermont.....	2	604	.795															4	7	28	92	175	185	76	31	2	2	2	2	2	2	2	2	2	2	2
Total.....	68	5,725	.701	3			1	2			1	1	4	14	115	437	901	1,287	1,414	970	374	121	43	22	15	1	1	1	1	1	1	1	1	15		

TABLE D.—AVERAGE AND CLASSIFIED HOURS ACTUALLY WORKED IN ONE PAY PERIOD BY SPINNERS AND WEAVERS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY OCCUPATION, SEX, AND STATE, 1924

ONE-WEEK PAY PERIOD

Occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in occupation in pay period	Number of employees whose hours actually worked in one pay period were—																									
		Number	Average full-time hours per pay period		Number	Average hours actually in pay period	12 and under 16	16 and under 20	20 and under 24	24 and under 28	28 and under 32	32 and under 34	34 and under 36	36 and under 38	38 and under 40	40 and under 42	42 and under 44	44 and under 46	46 and under 48	48	Over 48 under 50	50 and under 52	52 and under 54	54	Over 54 and under 56	56 and under 58	58 and under 60	60	Over 60	
Spinners, frame, female:																														
Massachusetts	3	609	48.0	543	41.5					5		210			158	6	2	162												
New Jersey	2	77	48.0	60	46.8									2	13			45												
Pennsylvania	12	60	49.3	53	48.8											7	1	13		32										
Rhode Island	3	168	48.0	153	43.1							56						97												
Other States	3	145	52.4	96	52.3					2							2	15		1	2	74								
Total	113	1,059	48.7	905	43.7					7		266		2	171	15	3	332		33	2	74								
Spinners, mule, male:																														
Connecticut	7	113	48.6	97	46.2							6		2	8	3	5	9	53	3	8									
Maine	12	172	49.6	131	46.9	1	7	3				1	3	2	3	5	13	22	17	4	5	3	27	1	6	1	1		6	
Massachusetts	9	488	48.0	377	39.6			3	60	53	3		18	1	5	3	3	8	191											
New Hampshire	5	87	51.2	63	48.9							1	1		2	2	2	1	10	1										
New Jersey	3	61	49.0	47	47.4													37												
New York	2	73	48.0	43	47.1							2					1	4	40											
Pennsylvania	13	110	51.5	100	51.8												2	1	36	3	1	13	17	12	9	6				
Rhode Island	3	82	48.0	68	47.6												1	3	60											
Vermont	2	95	48.8	67	50.6										1			2	19	6	36			6	1	2	3			
Total	146	1,286	48.9	1,007	45.1	1	10	63	53	4	1	33	7	12	18	24	30	55	463	17	50	28	57	35	27	9	4		6	

¹ Not including 1 establishment having a 2-week pay period.

TWO-WEEK PAY PERIOD

Occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in occupation in pay period		Number of employees whose hours actually worked per pay period were—																			
		Number	Average full-time hours per pay period	Number	Average hours actually worked in pay period	Under 48	48	Over 48 and under 52	52 and under 56	56 and under 60	60 and under 64	64 and under 68	68 and under 72	72 and under 76	76 and under 80	80 and under 84	84 and under 88	88 and under 92	92 and under 96	96	Over 96 and under 100	100 and under 104	104 and under 108	108	Over 108
Weavers, male:																									
Connecticut.....	9	514	97.6	297	94.4								1				2	13	117	161					
Maine.....	12	494	98.8	133	93.3	1		2									8	2	27	27		4	2		
Massachusetts.....	11	1,798	96.0	1,150	88.7	4	5	5	2	4	5		3	1	8	8	2	2	21	655	1	1	3	56	2
New Hampshire.....	5	313	102.2	147	95.8														21	25	2	1	14	42	
New Jersey.....	4	378	96.0	260	94.9														27	224		4			
New York.....	2	158	96.0	93	94.2												1	17	44	25		5	1		
Pennsylvania.....	14	731	100.8	412	100.5												12	10	3	191	1	38	2	122	3
Rhode Island.....	9	735	96.8	474	92.6				4	9	5	83				1	3	9	12	272	1	2	44	27	
Vermont.....	2	604	97.6	350	96.3											1	49	102	126	2	7	62			
Total.....	68	5,725	97.6	3,316	93.2	5	5	2	12	6	13	10	216	53	83	131	151	120	321	1,706	8	62	116	264	32
Weavers, female:																									
Connecticut.....	9	138	98.2	80	95.1														40	40					
Maine.....	12	276	99.6	103	94.6	9		3											2	24		2	15	41	
Massachusetts.....	11	2,295	96.0	860	86.8	2			1	1	1	176	20	27	90	1	4	12	15	418					
New Hampshire.....	5	278	104.8	154	101.3														8	10		1	4	104	
New Jersey.....	4	390	97.2	246	92.8														3	196		1			
New York.....	2	46	96.0	18	93.6							2	4	10	9				3	6					
Pennsylvania.....	13	412	101.8	244	99.7														14	116		39	4	70	
Rhode Island.....	9	686	96.0	551	94.8					2	2	11							20	512		1		2	
Vermont.....	2	192	96.0	124	93.7														2	49					
Total.....	67	3,713	97.8	2,380	92.6	11	3	1	4	3	5	191	30	63	101	130	33	146	1,378	44	23	217	217	217	217

GENERAL TABLES

TABLE E.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE PAY PERIOD BY SPINNERS AND WEAVERS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY OCCUPATION, SEX, AND STATE, 1924

ONE-WEEK PAY PERIOD

Occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in occupation in pay period	Number of employees whose actual earnings in one pay period were—													
		Number	Average full-time earnings per pay period		Number	Average actual earnings in pay period	\$12 and under \$13	\$13 and under \$14	\$14 and under \$15	\$15 and under \$16	\$16 and under \$17	\$17 and under \$18	\$18 and under \$19	\$19 and under \$20	\$20 and under \$22	\$22 and under \$24	\$24 and under \$26	\$26 and under \$28
Spinners, frame, female:																		
Massachusetts.....	3	609	\$20.83	543	\$17.92	5	9	201	17	27	107	13	9	38	8	109	13	
New Jersey.....	2	77	22.70	60	22.20	-----	6	2	3	4	-----	-----	-----	-----	21	11	13	
Pennsylvania.....	12	60	17.16	53	17.03	-----	-----	6	4	11	-----	32	-----	-----	-----	-----	-----	
Rhode Island.....	3	168	18.53	153	16.72	-----	56	-----	-----	1	1	79	15	1	-----	-----	-----	
Other States.....	3	145	20.54	96	20.36	-----	-----	-----	2	-----	1	2	2	89	-----	-----	-----	
Total.....	113	1,059	20.36	905	17.90	5	71	209	26	43	109	126	26	128	29	120	13	

Occupation, sex, and State	Number of establishments		All employees		Employees who worked on all days on which there was work in occupation in pay period	Number of employees whose actual earnings in one pay period were—																			
			Number	Average full-time earnings per pay period		Number	Average actual earnings in pay period	Under \$18	\$18 and under \$20	\$20 and under \$22	\$22 and under \$24	\$24 and under \$26	\$26 and under \$28	\$28 and under \$30	\$30 and under \$32	\$32 and under \$34	\$34 and under \$36	\$36 and under \$38	\$38 and under \$40	\$40 and under \$42	\$42 and under \$44	\$44 and under \$46	\$46 and under \$48	\$48 and under \$50	\$50 and under \$52
Spinners, mule, male:																									
Connecticut	7	113	\$31.20	97	\$29.10	3	4	8	3	1	12	23	13	10	13	6		1							
Maine	12	172	38.59	131	36.67	8	3			1	4	3	14	15	14	7	14	10	14	6	7		5	4	2
Massachusetts	9	488	38.16	377	31.43	51	28	21	19	3	6	16	12	19	38	54	45	24	19	8	6	4	3	1	1
New Hampshire	5	87	36.35	63	34.50				2	2		8	8	18	7	3	8		1		1	1	3	1	
New Jersey	3	61	37.24	47	34.57					1	2	4	2	1	3		12	12	7	2					
New York	2	78	38.26	48	38.17	1			1		2	2	1	2	7	10	5	4	2	3	5	2			1
Pennsylvania	13	110	31.16	100	31.62					1	17	19	4	47	2	4	2	2	2						
Rhode Island	3	82	40.18	68	39.76							1	1	4	11	5	4	29	1		12				
Vermont	2	95	39.63	76	41.55							4	9			2	10	9	8	4	9	7	3	5	6
Total	146	1,286	36.92	1,007	34.03	64	35	29	25	9	43	80	64	116	97	99	99	90	50	28	38	15	15	11	

¹ Not including 1 establishment having a 2-week pay period.

² Earnings were \$56 and under \$58.

³ Including one \$56 and under \$58 and one \$60 and under \$62.

GENERAL TABLES

TABLE E.—AVERAGE AND CLASSIFIED EARNINGS ACTUALLY MADE IN ONE PAY PERIOD BY SPINNERS AND WEAVERS WHO WORKED ON AS MANY DAYS AS THERE WAS WORK IN THE OCCUPATION, BY OCCUPATION, SEX, AND STATE, 1924—Concluded

TWO-WEEK PAY PERIOD

Occupation, sex, and State	Number of establishments	All employees		Employees who worked on all days on which there was work in occupation in pay period	Number of employees whose actual earnings in one pay period were—																						
		Number	Average full-time earnings per pay period		Number	Average actual earnings in pay period	Under \$20	\$20 and under \$24	\$24 and under \$28	\$28 and under \$32	\$32 and under \$36	\$36 and under \$40	\$40 and under \$44	\$44 and under \$48	\$48 and under \$52	\$52 and under \$56	\$56 and under \$60	\$60 and under \$64	\$64 and under \$68	\$68 and under \$72	\$72 and under \$76	\$76 and under \$80	\$80 and under \$84	\$84 and under \$88	\$88 and under \$92	\$92 and under \$96	\$96 and over
Weavers, male:																											
Connecticut.....	9	514	\$67.92	297	\$65.03				5	5	5	8	16	29	21	44	36	42	37	13	20	13		2			1
Maine.....	12	494	65.90	133	54.68		2	3		2	8	7	13	12	19	17	24	14	9	3							
Massachusetts.....	11	1,798	69.22	1,160	55.26	1			7	18	38	65	96	85	97	79	87	104	91	83	93	71	58	35	22	19	
New Hampshire.....	5	313	66.74	147	58.48	1		3	3	8	11	8	6	6	13	14	13	13	20	8	7	8	4	1			
New Jersey.....	4	378	71.80	260	70.69				2	3	2	5	3	2	18	11	21	31	33	35	30	33	11	9	7	4	
New York.....	2	158	66.92	93	69.42					2	1	2	3	8	5	12	7	16	18	9	2	3	3	1	1		
Pennsylvania.....	14	731	61.08	412	61.92	1		3	2	2	10	17	20	27	52	41	50	48	48	39	26	12	8	5	1		
Rhode Island.....	9	735	65.64	474	61.89		2	1	10	16	15	17	32	34	39	41	32	54	40	38	32	30	16	5	10	10	
Vermont.....	2	604	77.60	350	76.94					1			2	2	3	8	23	38	26	41	85	47	28	19	11	16	
Total.....	68	5,725	68.42	3,316	61.92	3	4	11	24	54	92	125	182	187	278	237	306	345	325	302	295	223	141	79	52	51	
Weavers, female:																											
Connecticut.....	9	138	67.56	80	64.99						1	3	2	11	3	5	8	11	16	8	3	2	7				
Maine.....	12	276	61.86	103	53.73			8	1	3		5	10	15	14	18	15	3	1								
Massachusetts.....	11	1,295	65.66	860	58.84	1	2	2	12	19	54	69	89	71	88	78	60	68	59	46	56	27	30	15	7	7	
New Hampshire.....	5	278	58.58	154	53.92		1	4	5	6	10	12	4	13	24	28	17	13	12	2		2	1				
New Jersey.....	4	390	67.16	246	64.45	1	1	2	5	11	9	5	10	9	13	13	18	12	35	30	23	20	13	4	2		
New York.....	2	46	65.38	18	68.38						1		1	1			3	2	2	4	2	1					
Pennsylvania.....	13	412	54.66	244	53.27		1	3	8	12	9	23	21	24	40	32	27	17	12	10	4	1					
Rhode Island.....	9	686	62.50	551	62.13		1	4	6	30	24	27	45	56	50	25	107	42	21	33	65	10	3	2			
Vermont.....	2	192	75.84	124	73.80									3	4	2	5	17	18	19	25	17	5	5	1	2	
Total.....	67	3,713	63.96	2,380	60.13	2	5	20	35	57	113	142	163	187	244	222	181	272	200	141	146	135	66	28	12	9	