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WAGES AND HOURS OF LABOR SERIES

**WAGES AND HOURS OF LABOR IN
WOOLEN AND WORSTED GOODS
MANUFACTURING, 1932**



JULY 1933

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WAGES AND HOURS OF LABOR IN WOOLEN AND WORSTED GOODS MANUFACTURING, 1932

The results of a study in 1932 by the Bureau of Labor Statistics of wages and hours of labor for 38,509 wage earners (20,407 males and 18,102 females) of 91 representative mills in the woolen and worsted goods industry in the United States are presented in this bulletin. In making the study, agents of the Bureau collected the basic figures covering days, hours, and earnings of each wage earner directly from the records of each mill for a representative pay-roll period in January, February, or March. The study was limited to the 14 States in which the industry is of material importance in number of wage earners and in quantity of woolen and worsted goods manufactured, according to the United States Census of Manufactures.

Similar studies of the industry were made by the Bureau in each of the years from 1910 to 1914 and in the even numbered years from 1914 to 1932.¹ Summaries for each year of average full-time hours and earnings per week and of average earnings per hour are given in table 1 for the industry as a whole, and for each of the important occupations in the industry as well as for a group designated as "other employees." This group includes the wage earners in all occupations other than those referred to as important occupations, because no occupation in the group was of sufficient importance to warrant showing separate averages for it. Index numbers of these averages, with the 1913 average taken as the base or 100, are shown for the industry and for each occupation for which averages are available for 1913 and for any of the specified years from 1910 to 1932.

Average Hours and Earnings, 1910 to 1932

The 38,509 wage earners covered in 1932, as shown in table 1, earned an average of 39.4 cents per hour, and their average full-time hours and earnings per week were 50.3 and \$19.82, respectively. For the 41,400 wage earners covered in 1930 the figures are 46 cents, 49.6 hours, and \$22.82, respectively. Average earnings per hour in 1932 were 6.6 cents or 14.3 percent less than in 1930.

The industry averages for the years from 1910 to 1914 are for wage earners in certain *selected occupations* only, and are, therefore, directly comparable one year with another over these years; for the specified years from 1914 to 1930 industry averages are for the wage earners in *all occupations* in all mills (except the southern mills which were not included in any year prior to 1930) and are comparable one year with

¹ For previous studies of this industry see Buls. nos. 128, 150, 190, 238, 261, 289, 327, 377, 448, 487, and 533.

another over these years only; and for 1930 and 1932 the averages are for the wage earners in all occupations in all mills including the southern mills and are comparable one year with the other, but are not comparable with those for selected occupations only for any of the years from 1910 to 1914, nor for all occupations in all mills (except the southern mills) for any of the years from 1914 to 1930.

The index numbers are for the purpose of furnishing comparable figures one year with another over the entire period from 1910 to 1932. The index for any year from 1910 to 1914 for selected occupations is the percent that the average for the year is of the 1913 average. The index for any year from 1914 to 1930 for the wage earners in all occupations in all mills except in the southern mills was computed by increasing or decreasing the 1914 index for selected occupations in proportion to the increase or decrease in the average for each specified year from 1916 to 1930, as compared with the 1914 average for all occupations. The 1932 index was computed by increasing or decreasing the 1930 index for all mills except the southern mills by the percent that the 1932 average for all mills is more or less than the 1930 average for all mills including the southern mills.

Average full-time hours of males in 1932 ranged, by occupations, from 48 for spooler tenders to 57.4 for winders and those of females ranged from 48.5 for creelers to 53.8 for truckers. Average earnings per hour and average full-time earnings per week of males ranged from 24.3 cents and \$12.61 for doffers to 67.6 cents and \$34.88 for loom fixers, while those of females ranged from 19.7 cents and \$10.60 for truckers to 47.8 cents and \$23.76 for hand tiers-in.

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

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Selected occupations.....	1910	19	11,912	56.6	\$0.178	\$10.05	101.3	90.4	91.2
	1911	27	16,342	56.8	.179	10.18	101.6	90.9	92.4
	1912	46	17,517	55.9	.201	11.23	100.0	102.0	101.9
	1913	47	16,653	55.9	.197	11.02	100.0	100.0	100.0
	1914	48	18,333	54.9	.202	11.06	98.2	102.5	100.4
All occupations.....	1914	48	40,061	55.0	.182	10.03	-----	-----	-----
	1916	61	49,954	54.8	.225	12.34	97.8	126.7	123.5
	1918	63	51,928	54.3	.342	18.57	97.0	192.6	185.9
	1920	67	38,164	48.3	.628	30.33	86.2	353.7	308.6
	1922	67	39,430	48.8	.474	23.13	87.1	267.0	231.5
	1924	72	41,622	49.1	.533	26.17	87.7	300.2	262.0
	1926	112	39,970	49.3	.491	24.21	88.0	276.5	242.3
	1928	92	38,850	49.3	.514	25.34	88.0	289.5	253.7
	1930	93	38,417	49.3	.473	23.32	88.0	266.4	233.4
	1930	105	41,400	49.6	.460	22.82	-----	-----	-----
	1932	91	38,509	50.3	.394	19.82	80.2	228.2	202.7

¹ 2 sets of averages are shown for 1914 for the industry; one for selected occupations and the other for all occupations in the industry. The 1910 to 1914 averages for selected occupations only are comparable one year with another, as are those for all occupations one year with another from 1914 to 1930. 2 sets of averages are also shown for 1930, one for all mills except the southern mills and the other for all mills covered including the southern mills.

² Not including southern mills.

³ Including southern mills.

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

BY OCCUPATIONS

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Wool sorters:									
Male.....									
	1910	18	289	56.3	\$0.247	\$13.86	102.4	87.9	89.8
	1911	19	444	56.4	.241	13.54	102.5	85.8	87.8
	1912	19	471	55.2	.267	14.72	100.4	95.0	95.4
	1913	19	246	55.0	.281	15.43	100.0	100.0	100.0
	1914	15	381	54.2	.276	14.97	98.5	98.2	97.0
	1916	17	412	54.1	.329	17.80	98.4	117.1	115.4
	1918	20	538	54.4	.460	24.94	98.9	163.7	161.6
	1920	22	423	48.1	.871	41.90	87.5	310.0	271.5
	1922	17	358	48.4	.710	34.36	88.0	252.7	222.7
	1924	19	359	49.5	.776	38.41	90.0	276.2	248.9
	1926	30	445	50.8	.713	36.22	92.4	253.7	234.7
	1928	22	392	49.9	.728	36.33	90.7	259.1	235.5
	1930	28	502	49.3	.743	36.63	89.6	264.4	237.4
	1930	30	503	49.3	.742	36.58			
	1932	25	442	50.2	.632	31.73	91.2	225.2	205.9
Female.....									
	1920	1	28	48.0	.901	43.25			
	1922	3	37	48.0	.702	33.70			
	1924	5	65	48.2	.608	29.31			
	1926	2	37	48.0	.698	33.50			
	1928	2	27	48.3	.565	27.29			
	1930	2	49	48.0	.641	30.77			
	1930	3	63	49.3	.507	25.00			
	1932	7	92	50.1	.362	18.14			
Wool washer tenders:									
Male.....									
	1920	20	113	48.8	.583	28.45			
	1922	23	93	49.2	.446	21.94			
	1924	20	119	49.3	.513	25.29			
	1926	33	123	50.2	.463	23.24			
	1928	25	105	50.6	.484	24.49			
	1930	28	148	50.6	.465	23.53			
	1930	30	151	50.6	.462	23.38			
	1932	25	150	50.4	.438	22.08			
Picker tenders:									
Male.....									
	1920	41	277	48.3	.530	25.60			
	1922	43	276	49.3	.428	21.10			
	1924	45	275	48.3	.471	23.22			
	1926	56	245	49.7	.435	21.77			
	1928	56	306	49.5	.457	22.62			
	1930	55	298	49.7	.441	21.92			
	1930	64	368	49.9	.409	20.41			
	1932	47	219	51.5	.359	18.49			
Card tenders:									
Male.....									
	1910	26	201	56.9	.127	7.25	101.1	89.4	90.5
	1911	40	320	57.1	.136	7.73	101.4	95.8	96.5
	1912	40	412	56.4	.135	7.64	100.2	95.1	95.4
	1913	40	329	56.3	.142	8.01	100.0	100.0	100.0
	1914	41	398	56.1	.147	8.26	98.6	103.5	103.1
	1916	47	533	55.8	.186	10.38	99.1	131.0	129.6
	1918	47	599	54.8	.287	15.75	97.3	202.1	196.6
	1920	43	444	48.4	.517	25.02	86.0	364.1	312.4
	1922	46	514	49.5	.405	20.05	87.9	235.2	250.3
	1924	47	528	49.4	.473	23.37	87.7	333.1	291.8
	1926	70	531	49.8	.419	20.87	88.5	295.1	290.5
	1928	62	550	50.3	.447	22.48	89.3	314.8	290.6
	1930	66	578	50.5	.425	21.46	89.7	299.3	267.9
	1930	76	652	50.8	.409	20.78			
	1932	59	503	51.4	.357	18.35	90.8	261.2	236.6
Female.....									
	1920	11	103	48.3	.437	21.11			
	1922	10	109	48.2	.351	16.92			
	1924	12	94	48.0	.409	19.63			
	1926	19	166	48.1	.365	17.78			
	1928	15	136	48.1	.383	18.42			
	1930	9	105	48.0	.374	17.95			
	1932	14	83	49.3	.312	15.38			

* Not including southern mills.

* Including southern mills.

WAGES AND HOURS OF LABOR

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Card strippers:									
Male	1910	27	162	57.0	\$0.153	\$8.69	100.9	91.1	91.9
	1911	42	223	57.1	.151	8.62	101.1	89.9	91.1
	1912	42	240	56.9	.163	9.29	100.7	97.0	98.2
	1913	42	236	56.5	.168	9.46	100.0	100.0	100.0
	1914	43	250	55.7	.169	9.44	98.6	100.6	99.8
	1916	48	303	55.5	.209	11.61	98.2	124.4	122.7
	1918	48	359	54.8	.324	17.77	97.0	192.9	187.8
	1920	45	292	48.2	.570	27.47	85.3	339.3	290.4
	1922	46	311	49.5	.433	21.43	87.6	257.7	226.5
	1924	49	368	50.6	.506	25.60	89.6	301.2	270.6
	1926	73	381	49.5	.464	22.97	87.6	276.2	242.8
	1928	65	351	49.7	.475	23.61	88.0	282.7	249.6
	* 1930	65	317	49.2	.467	22.98	87.1	278.0	242.9
	* 1930	74	352	49.5	.452	22.37			
	1932	56	282	50.9	.398	20.26	89.6	244.8	220.0
Card grinders:									
Male	1922	12	28	48.4	.491	23.76			
	1924	15	37	48.8	.602	29.38			
	1926	18	36	50.9	.537	26.64			
	1928	17	42	49.3	.529	26.08			
	* 1930	9	29	48.0	.512	24.58			
	* 1930	13	34	48.7	.489	23.81			
	1932	12	33	49.6	.437	21.68			
Gill-box tenders:									
Male	1920	8	130	49.8	.502	25.00			
	1922	8	288	48.8	.363	17.53			
	1924	8	343	49.9	.439	21.91			
	1926	13	209	50.1	.405	20.29			
	1928	7	282	53.2	.392	20.86			
	* 1930	10	451	50.8	.391	19.86			
	1932	13	494	51.4	.348	17.89			
Female	1920	15	383	48.4	.442	21.39			
	1922	15	413	49.1	.339	16.64			
	1924	14	435	49.4	.382	18.87			
	1926	21	296	51.0	.326	16.63			
	1928	20	393	50.3	.382	19.21			
	* 1930	24	495	50.0	.334	16.70			
	* 1930	26	525	50.2	.326	16.37			
	1932	22	527	50.1	.289	14.48			
Comber tenders:									
Male	1910	6	106	56.5	.139	7.87	103.1	89.1	92.5
	1911	9	188	56.5	.141	7.94	103.1	90.4	93.3
	1912	9	181	55.1	.156	8.56	100.5	100.0	100.6
	1913	9	115	54.8	.156	8.51	100.0	100.0	100.0
	1914	6	228	55.8	.161	9.00	101.8	103.2	105.8
	1916	8	274	56.3	.199	11.18	102.7	127.6	131.4
	1918	9	248	55.8	.314	17.49	101.8	201.3	205.5
	1920	10	162	48.9	.552	26.99	89.2	353.8	317.2
	1922	11	209	48.1	.435	20.92	87.8	278.8	245.8
	1924	7	212	49.6	.522	25.89	90.5	334.6	304.2
	1926	10	171	50.5	.478	24.14	92.2	306.4	283.7
	1928	9	222	51.4	.494	24.88	93.8	310.3	292.4
	1930	14	284	50.4	.469	23.64	92.0	300.6	277.8
	1932	14	321	49.3	.404	19.92	90.0	259.0	234.1
Female	1910	6	129	55.5	.111	6.13	98.9	94.9	93.3
	1911	7	139	55.8	.109	6.10	99.5	93.2	92.8
	1912	7	150	55.8	.116	6.47	99.5	99.1	98.5
	1913	7	163	56.1	.117	6.57	100.0	100.0	100.0
	1914	6	162	54.8	.119	6.52	97.7	101.7	99.2
	1916	10	178	53.5	.177	9.46	95.4	151.3	144.0
	1918	12	328	52.8	.258	13.59	94.1	220.5	206.8
	1920	12	155	48.7	.478	23.28	86.8	408.5	354.3
	1922	10	100	49.7	.385	19.13	88.6	329.1	291.2
	1924	10	114	49.2	.418	20.57	87.7	357.3	313.1
	1926	17	163	49.9	.378	18.86	88.9	323.1	287.1
	1928	17	150	50.3	.456	22.94	89.7	389.7	349.2
	* 1930	17	133	49.7	.383	19.04	88.6	327.4	289.8
	* 1930	18	139	49.9	.375	18.71			
	1932	15	151	50.4	.317	15.98	89.5	276.8	247.5

* Not including southern mills.

* Including southern mills.

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Drawing-frame tenders:									
Male -----	1916	5	211	55.0	\$0.178	\$9.80			
	1918	6	193	54.1	.264	14.81			
	1920	6	51	48.0	.501	24.05			
	1922	8	189	48.1	.378	18.18			
	1924	8	263	49.2	.430	21.60			
	1926	9	271	48.8	.380	18.54			
	1928	6	66	48.2	.386	18.61			
	1930	8	204	50.4	.393	19.81			
	1930	9	209	50.5	.390	19.70			
	1932	10	139	49.3	.349	17.21			
Female -----	1916	14	1,603	53.7	.170	9.15			
	1918	15	1,760	52.9	.250	13.24			
	1920	16	1,758	48.3	.445	21.49			
	1922	17	1,615	48.5	.349	16.93			
	1924	15	1,885	48.9	.397	19.41			
	1926	26	1,753	49.7	.362	17.49			
	1928	25	1,766	49.4	.356	17.59			
	1930	28	1,973	49.3	.359	17.70			
	1930	29	1,983	49.4	.358	17.69			
	1932	27	1,858	49.6	.308	15.28			
Spinners, mule:									
Male -----	1910	26	529	57.0	.224	12.75	100.9	93.7	94.8
	1911	40	638	57.3	.224	12.81	101.4	93.7	95.2
	1912	40	719	56.5	.240	13.56	100.0	100.4	100.8
	1913	42	828	56.5	.239	13.45	100.0	100.0	100.0
	1914	42	897	56.0	.249	13.88	99.1	104.2	103.2
	1916	46	1,222	55.3	.316	17.51	97.9	132.2	130.2
	1918	46	1,431	54.9	.499	27.42	97.2	206.8	208.9
	1920	46	960	48.2	.816	39.33	86.3	341.4	292.4
	1922	44	1,119	49.2	.670	32.96	87.1	280.3	245.1
	1924	47	1,290	48.9	.755	36.92	86.5	315.9	274.5
	1926	69	1,249	49.7	.695	34.54	88.0	290.8	256.8
	1928	61	1,106	49.5	.684	33.86	87.6	286.2	251.7
	1930	62	1,073	49.5	.659	32.62	87.6	275.7	242.5
	1930	71	1,223	50.0	.620	31.00			
	1932	53	1,098	51.3	.515	26.42	89.9	229.0	206.7
Female -----	1930	3	9	52.6	.359	18.88			
	1932	3	24	49.3	.477	23.62			
Spinners, frame:									
Male -----	1910	2	114	56.0	.125	7.01	103.7	91.9	95.6
	1911	3	194	56.0	.132	7.37	103.7	97.1	100.5
	1912	3	244	54.0	.158	8.53	100.0	116.2	116.4
	1913	3	115	54.0	.136	7.33	100.0	100.0	100.0
	1914	3	282	53.9	.145	7.80	99.8	106.6	106.4
	1916	3	266	53.9	.191	10.30	99.8	140.4	140.5
	1918	5	161	53.0	.316	16.74	98.1	232.4	228.4
	1920	4	49	48.0	.558	26.78	88.9	410.3	365.3
	1922	4	45	48.0	.357	17.14	88.9	262.5	233.8
	1924	3	46	50.0	.421	21.05	92.6	309.6	287.2
	1930	3	53	48.0	.403	19.34	88.9	296.3	263.8
	1930	4	73	48.5	.365	17.70			
	1932	10	144	52.8	.327	17.27	96.8	265.5	257.4
Female -----	1910	8	578	56.0	.122	6.85	100.9	87.1	88.0
	1911	10	1,002	56.4	.126	7.07	101.6	90.0	90.9
	1912	10	1,070	55.2	.144	7.92	99.5	102.9	101.8
	1913	10	751	55.5	.140	7.78	100.0	100.0	100.0
	1914	9	970	54.2	.147	7.99	97.7	105.0	102.7
	1916	14	1,202	53.9	.180	9.68	97.1	128.6	124.4
	1918	15	1,330	52.4	.278	14.62	94.4	198.6	187.9
	1920	14	1,026	48.2	.481	23.18	86.3	343.6	297.9
	1922	15	972	48.4	.345	16.70	87.2	246.4	214.7
	1924	14	1,106	48.9	.417	20.39	88.1	297.9	262.1
	1926	23	1,225	49.8	.362	18.03	89.7	256.6	231.7
	1928	22	1,281	49.7	.383	19.04	89.5	273.6	244.7
	1930	29	1,227	49.1	.387	19.00	88.5	276.4	244.2
	1930	34	1,301	49.4	.380	18.77			
	1932	25	1,145	49.4	.340	16.80	88.5	247.3	218.6

¹ Not including southern mills.

² Including southern mills.

³ Southern mills only.

WAGES AND HOURS OF LABOR

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Doffers:									
Male	1916	5	255	49.8	\$0.161	\$8.05			
	1918	5	138	50.5	.266	13.58			
	1920	6	108	46.3	.497	23.01			
	1922	5	165	47.0	.299	14.05			
	1924	7	214	49.9	.301	15.02			
	1926	5	47	48.2	.288	13.88			
	1928	9	73	50.2	.303	15.24			
	1930	1	8	48.8	.333	16.25			
	1930	4	21	51.7	.237	12.25			
	1932	6	36	51.9	.243	12.61			
Female	1916	12	709	52.2	.135	7.05			
	1918	12	829	48.6	.203	9.85			
	1920	14	561	46.7	.352	16.44			
	1922	14	619	48.1	.275	13.23			
	1924	10	566	48.1	.315	15.15			
	1926	22	701	49.9	.280	13.97			
	1928	20	588	50.3	.284	14.29			
	1930	22	668	49.5	.274	13.56			
	1930	24	698	49.7	.269	13.37			
	1932	21	572	50.2	.248	12.45			
Winders, yarn:									
Male	1930	10	22	51.3	.344	17.65			
	1930	13	28	52.3	.322	16.94			
	1932	16	110	57.4	.292	16.76			
Female	1930	57	2,072	48.9	.383	18.73			
	1930	63	2,115	49.0	.379	18.57			
	1932	63	2,117	49.5	.310	15.35			
Twister tenders:									
Male	1930	12	37	53.0	.426	22.58			
	1932	19	91	55.7	.329	18.33			
Female	1910	10	332	56.9	.126	7.16	102.7	93.3	95.5
	1911	12	600	56.7	.131	7.40	102.3	97.0	98.7
	1912	12	751	55.7	.137	7.62	100.5	101.5	101.6
	1913	12	598	55.4	.135	7.50	100.0	100.0	100.0
	1914	11	884	54.3	.144	7.81	98.0	106.7	104.1
	1916	23	1,028	54.2	.174	9.43	97.8	128.9	125.7
	1918	24	802	53.9	.256	13.80	97.3	189.6	184.0
	1920	34	1,043	48.3	.457	22.07	87.2	338.5	294.3
	1922	40	862	49.3	.352	17.35	89.0	260.7	231.3
	1924	38	914	49.3	.418	20.61	89.0	309.6	274.8
	1926	65	1,117	49.7	.364	18.09	89.7	269.6	241.2
	1928	57	1,319	50.0	.354	17.70	90.3	262.2	230.0
	1930	64	1,400	49.6	.371	18.40	89.5	274.8	245.3
	1930	69	1,457	49.8	.365	18.18			
	1932	59	1,384	49.8	.305	15.19	89.5	229.6	205.0
Spooler tenders:									
Male	1930	2	13	51.5	.265	13.65			
	1932	3	11	48.0	.331	15.89			
Female	1916	55	1,571	54.1	.173	9.40			
	1918	56	1,514	53.6	.270	14.51			
	1920	55	1,474	48.2	.458	22.06			
	1922	59	1,247	48.7	.383	18.65			
	1924	64	1,228	48.6	.419	20.36			
	1926	95	1,283	49.1	.391	19.20			
	1928	82	1,407	49.0	.371	18.18			
	1930	78	1,077	48.6	.391	19.00			
	1930	87	1,147	48.9	.383	18.73			
	1932	69	1,218	49.8	.304	15.14			
Creelers:									
Male	1930	4	73	48.0	.358	17.18			
	1930	5	77	48.6	.346	16.82			
	1932	4	57	48.9	.309	15.11			
Female	1930	6	40	48.7	.339	16.51			
	1930	7	46	49.5	.331	16.38			
	1932	6	62	48.5	.297	14.40			

1 Not including southern mills.

2 Including southern mills.

3 Southern mills only.

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Dresser tenders:									
Male.....	1910	27	214	57.1	\$0.242	\$13.80	101.4	92.0	93.2
	1911	46	337	57.1	.243	13.85	101.4	92.4	93.6
	1912	46	384	56.4	.262	14.71	100.2	99.6	99.4
	1913	46	347	56.3	.263	14.80	100.0	100.0	100.0
	1914	47	363	55.2	.273	15.03	98.0	103.8	101.6
	1916	55	422	55.0	.318	17.47	97.7	120.9	118.0
	1918	58	469	54.6	.452	24.28	97.0	171.9	164.1
	1920	63	403	48.6	.767	37.28	86.3	291.6	251.9
	1922	58	493	48.3	.653	31.87	86.7	248.3	215.3
	1924	65	467	49.3	.748	36.88	87.6	284.4	249.2
	1926	95	545	49.1	.705	34.62	87.2	268.1	233.9
	1928	79	583	49.0	.700	34.30	87.0	266.2	231.8
	1930	81	590	49.1	.668	32.80	87.2	254.0	221.6
	1930	90	621	49.3	.650	32.06			
	1932	74	517	50.2	.562	28.21	88.8	219.6	195.0
Female.....	1930	3	10	53.0	.355	18.82			
	1932	6	70	49.5	.456	22.57			
Tiers-in, hand:									
Male.....	1930	7	22	48.6	.625	30.38			
	1930	8	23	48.9	.597	29.19			
	1932	2	9	50.1	.541	27.10			
Female.....	1930	3	16	49.1	.296	14.53			
	1930	4	18	48.6	.295	14.34			
	1932	3	7	49.7	.478	23.76			
Tiers-in, machine:									
Male.....	1930	6	8	49.5	.581	28.76			
	1932	7	9	49.3	.483	23.81			
Drawers-in, hand:									
Male.....	1924	10	40	51.6	.690	35.60			
	1926	22	59	50.2	.666	33.43			
	1928	6	16	51.7	.693	35.83			
	1930	4	15	53.7	.803	43.12			
	1930	5	17	53.9	.787	42.42			
	1932	10	24	51.0	.580	29.58			
Female.....	1916	52	424	54.7	.250	13.68			
	1918	55	406	54.2	.355	19.23			
	1920	63	392	48.3	.595	28.74			
	1922	60	436	48.5	.480	23.28			
	1924	62	453	49.1	.535	26.27			
	1926	84	533	48.9	.497	24.30			
	1928	80	624	48.7	.525	25.57			
	1930	78	595	49.0	.511	25.04			
	1930	89	666	49.5	.489	24.21			
	1932	74	608	49.8	.423	21.07			
Loom fixers:									
Male.....	1910	27	429	56.6	.279	15.76	101.4	93.9	95.2
	1911	46	569	56.7	.275	15.59	101.6	92.6	94.2
	1912	46	589	55.9	.308	17.13	100.2	103.7	108.5
	1913	47	581	55.8	.297	16.55	100.0	100.0	100.0
	1914	47	651	55.1	.312	17.18	98.7	105.1	103.8
	1916	60	794	54.9	.381	20.70	98.4	128.3	125.1
	1918	61	843	54.5	.552	30.04	97.7	185.9	181.5
	1920	64	736	48.3	.973	47.00	86.6	327.6	284.0
	1922	64	747	48.4	.754	36.49	86.7	253.9	220.5
	1924	68	821	49.0	.870	42.63	87.8	262.9	257.6
	1926	99	748	49.0	.807	39.54	87.8	271.7	238.9
	1928	83	692	49.0	.821	40.23	87.8	276.4	243.1
	1930	80	639	49.5	.809	40.05	88.7	272.4	242.0
	1930	91	701	49.8	.775	38.60			
	1932	79	594	51.6	.676	34.88	91.9	237.6	218.7

1 Not including southern mills.

2 Including southern mills.

3 Southern mills only.

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Weavers:									
Male	1910	27	2,907	57.1	\$0.207	\$11.79	101.4	89.2	90.2
	1911	46	4,049	57.1	.210	11.97	101.4	90.5	91.7
	1912	46	4,476	56.3	.237	13.30	100.0	102.2	101.8
	1913	47	3,834	56.3	.232	13.06	100.0	100.0	100.0
	1914	48	4,336	55.2	.238	13.10	98.0	102.6	100.3
	1916	61	5,451	54.9	.304	15.95	97.5	131.0	122.1
	1918	61	5,812	54.5	.470	25.82	96.8	202.6	195.4
	1920	64	4,825	48.3	.807	38.98	85.8	347.8	298.5
	1922	64	5,518	48.3	.616	29.75	85.8	365.5	227.8
	1924	68	5,725	48.8	.701	34.21	86.7	302.2	261.9
	1926	97	5,828	48.9	.652	31.88	86.9	281.0	244.1
	1928	83	4,641	48.9	.658	32.18	86.9	283.6	246.4
	1930	82	3,724	49.3	.636	31.85	87.6	274.1	240.0
	1930	93	4,187	49.8	.611	30.43	90.4	223.0	201.5
	1932	80	3,291	51.4	.497	25.55	90.4	223.0	201.5
Female	1910	27	2,855	56.3	.180	10.14	100.5	91.4	91.9
	1911	46	3,384	56.8	.184	10.47	101.4	93.4	94.9
	1912	46	3,586	55.9	.206	11.48	99.8	104.6	104.1
	1913	47	3,493	56.0	.197	11.03	100.0	100.0	100.0
	1914	48	3,862	54.7	.203	11.08	97.7	103.0	100.5
	1916	61	4,505	54.5	.271	14.76	97.3	137.6	133.8
	1918	61	5,295	54.1	.406	21.96	96.6	206.1	199.1
	1920	63	3,783	48.3	.747	36.08	83.3	379.2	327.1
	1922	63	3,622	48.4	.576	27.85	86.4	292.4	252.5
	1924	67	3,713	48.9	.654	31.98	87.3	332.0	282.9
	1926	89	2,748	49.2	.600	29.52	87.9	304.6	267.6
	1928	79	2,419	48.8	.605	29.52	87.1	307.1	267.6
	1930	71	1,751	49.2	.579	28.49	87.9	293.9	258.3
	1930	81	2,012	49.6	.544	26.98	92.9	237.7	220.8
	1932	58	1,082	52.4	.440	23.06	92.9	237.7	220.8
Cloth inspectors:									
Male	1920	10	251	48.0	.763	36.62	-----	-----	-----
	1922	49	315	48.3	.560	27.05	-----	-----	-----
	1924	19	246	48.7	.582	28.34	-----	-----	-----
	1926	23	235	48.3	.563	27.19	-----	-----	-----
	1928	31	281	48.6	.572	27.80	-----	-----	-----
	1930	23	294	48.8	.542	26.45	-----	-----	-----
	1930	27	241	49.0	.538	26.36	-----	-----	-----
	1932	55	318	49.7	.470	23.36	-----	-----	-----
Female	1920	16	144	48.3	.504	24.34	-----	-----	-----
	1922	7	54	48.4	.373	18.05	-----	-----	-----
	1924	18	245	48.6	.484	23.52	-----	-----	-----
	1926	21	103	49.6	.421	20.88	-----	-----	-----
	1928	11	75	48.5	.428	20.76	-----	-----	-----
	1930	14	126	48.3	.368	18.74	-----	-----	-----
	1930	18	144	49.0	.364	17.84	-----	-----	-----
	1932	18	86	51.0	.333	16.98	-----	-----	-----
Burlers:									
Female	1910	26	1,084	56.5	.130	7.33	101.6	89.0	90.0
	1911	43	1,516	56.8	.130	7.36	102.2	89.0	90.4
	1912	44	1,562	55.9	.145	8.25	100.5	99.3	101.4
	1913	44	1,643	55.6	.146	8.14	100.0	100.0	100.0
	1914	44	1,756	54.6	.155	8.47	98.2	106.2	104.1
	1916	55	1,889	54.6	.185	10.09	98.2	126.7	124.0
	1918	55	1,867	54.1	.276	14.94	97.3	189.0	183.5
	1920	64	2,321	48.4	.452	21.88	87.1	309.6	268.8
	1922	61	1,773	48.2	.371	17.88	86.7	254.1	219.7
	1924	60	1,711	49.2	.420	20.66	88.5	287.7	253.8
	1926	90	1,722	49.3	.381	18.78	88.7	261.0	230.7
	1928	79	1,691	49.3	.383	18.88	88.7	262.3	231.9
	1930	81	2,075	49.0	.354	17.35	88.1	242.5	213.1
	1930	92	2,258	49.4	.339	16.75	-----	-----	-----
	1932	77	2,455	50.2	.294	14.76	89.5	210.3	187.8

* Not including southern mills.

* Including southern mills.

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

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Menders:									
Female	1910	25	1,196	56.8	\$0.160	\$9.09	102.7	87.4	89.9
	1911	44	1,623	56.8	.160	9.07	102.7	87.4	89.7
	1912	44	1,668	55.7	.189	10.50	100.7	108.3	103.9
	1913	42	1,388	55.3	.183	10.11	100.0	100.0	100.0
	1914	43	1,501	54.4	.195	10.57	98.4	106.6	104.5
	1916	53	1,767	54.3	.245	13.28	98.2	133.9	131.4
	1918	53	1,685	54.1	.349	18.91	97.6	190.7	187.0
	1920	61	1,729	48.5	.603	29.25	87.7	326.5	289.3
	1922	63	1,935	48.4	.445	21.54	87.5	243.2	213.1
	1924	64	1,850	48.5	.534	25.90	87.7	291.8	256.2
	1926	91	2,121	48.6	.507	24.64	87.9	277.0	243.7
	1928	82	2,066	48.5	.488	23.67	87.7	266.7	234.1
	1930	82	2,382	49.0	.473	22.18	88.6	268.5	229.3
	1930	89	2,511	49.3	.459	22.63			
	1932	76	2,093	49.8	.371	18.48	89.5	208.9	187.2
Perchers:									
Male	1920	59	419	48.4	.687	33.25			
	1922	55	352	48.6	.520	25.27			
	1924	61	466	49.1	.601	29.51			
	1926	91	462	49.1	.559	27.45			
	1928	80	470	48.8	.567	27.67			
	1930	77	547	48.8	.549	26.79			
	1930	86	570	49.0	.539	26.41			
	1932	68	367	49.9	.460	22.95			
Female	1920	13	43	49.8	.468	23.31			
	1922	15	75	48.4	.432	20.91			
	1924	10	35	48.4	.452	21.88			
	1926	16	97	48.6	.482	23.43			
	1928	13	65	48.6	.438	21.29			
	1930	19	138	49.3	.394	19.42			
	1932	17	158	50.6	.336	17.00			
Fullers:									
Male	1920	53	195	48.6	.590	28.67			
	1922	52	248	49.1	.468	22.98			
	1924	51	227	49.0	.512	25.09			
	1926	75	223	49.4	.464	22.92			
	1928	68	259	49.0	.494	24.21			
	1930	72	251	49.3	.464	22.88			
	1930	81	270	49.6	.451	22.37			
	1932	68	212	50.1	.395	19.79			
Washer tenders, cloth:									
Male	1920	56	378	48.6	.574	27.90			
	1922	59	330	49.6	.461	22.37			
	1924	60	402	49.7	.518	25.74			
	1926	85	353	49.7	.442	21.97			
	1928	73	378	50.0	.462	23.10			
	1930	72	383	49.3	.468	23.07			
	1930	82	405	49.6	.455	22.57			
	1932	72	332	50.3	.397	19.97			
Dryer tenders, cloth:									
Male	1920	56	276	48.4	.551	26.67			
	1922	57	219	50.3	.453	22.79			
	1924	59	267	49.8	.506	25.20			
	1926	84	222	49.9	.444	22.16			
	1928	71	230	50.1	.468	23.45			
	1930	74	217	49.8	.451	22.46			
	1930	83	237	50.2	.433	21.74			
	1932	72	209	51.2	.373	19.10			
Truckers:									
Male	1920	62	1,205	48.1	.505	24.29			
	1922	60	1,354	48.2	.299	19.23			
	1924	64	1,672	49.2	.451	22.19			
	1926	93	1,236	48.9	.408	19.95			
	1928	79	1,419	48.5	.417	20.22			
	1930	91	1,593	48.8	.402	19.62			
	1930	103	1,655	48.9	.396	19.36			
	1932	85	1,567	49.9	.361	17.51			
Female	1930	11	113	49.9	.292	14.57			
	1932	4	38	53.8	.197	10.60			

¹ Not including southern mills.

² Including southern mills.

WAGES AND HOURS OF LABOR

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

BY OCCUPATIONS—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Average earnings per hour	Average full-time earnings per week	Index numbers (1913=100) of—		
							Full-time hours per week	Earnings per hour	Full-time earnings per week
Dye-house laborers:									
Male.....	1910	27	837	56.3	\$0.143	\$8.06	101.3	89.9	91.2
	1911	45	1,116	56.6	.145	8.22	101.8	91.2	93.0
	1912	45	1,093	55.5	.157	8.72	99.8	98.7	98.6
	1913	46	1,041	55.6	.159	8.84	100.0	100.0	100.0
	1914	47	1,427	54.9	.160	8.75	98.7	100.6	99.0
	1916	55	1,636	55.0	.197	10.83	98.9	123.9	122.5
	1918	55	1,606	54.7	.304	16.60	98.4	191.2	187.8
	1920	52	961	48.3	.564	27.24	86.9	354.7	306.1
	1922	54	1,032	48.9	.435	21.32	87.9	273.6	241.2
	1924	59	877	49.2	.490	24.11	88.5	308.2	272.7
	1926	82	1,008	49.4	.445	21.98	88.8	279.9	248.6
	1928	72	962	49.1	.463	22.73	88.3	291.2	267.1
	* 1930	72	844	49.4	.458	22.63	88.8	288.1	256.0
	* 1930	82	944	49.8	.436	21.71			
	1932	67	745	50.2	.379	19.03	89.5	250.4	224.4
Other employees:									
Male.....	1914	47	13,947	55.7	.180	10.03	-----	-----	-----
	1916	63	16,978	55.8	.225	12.51	-----	-----	-----
	1918	63	17,308	55.3	.330	18.24	-----	-----	-----
	1920	67	7,194	48.6	.580	28.19	-----	-----	-----
	1922	67	7,797	49.6	.455	22.57	-----	-----	-----
	1924	72	7,984	49.3	.509	25.09	-----	-----	-----
	1926	112	7,826	49.4	.480	23.71	-----	-----	-----
	1928	92	7,623	49.5	.501	24.80	-----	-----	-----
	* 1930	93	6,719	49.3	.491	24.21	-----	-----	-----
	* 1930	105	7,236	49.7	.479	23.81	-----	-----	-----
	1932	91	8,063	50.2	.441	22.14	-----	-----	-----
Female.....	1914	46	7,781	54.2	.139	7.54	-----	-----	-----
	1916	61	6,347	53.9	.168	9.05	-----	-----	-----
	1918	63	6,407	53.4	.250	13.37	-----	-----	-----
	1920	67	3,349	48.2	.421	20.29	-----	-----	-----
	1922	61	3,461	48.9	.336	16.43	-----	-----	-----
	1924	68	3,939	49.1	.382	18.76	-----	-----	-----
	1926	105	3,760	49.4	.346	17.09	-----	-----	-----
	1928	86	3,774	49.2	.355	17.47	-----	-----	-----
	* 1930	84	2,112	49.3	.352	17.35	-----	-----	-----
	* 1930	93	2,319	49.8	.337	16.78	-----	-----	-----
	1932	80	2,272	49.8	.308	15.34	-----	-----	-----

* Not including southern mills.

* Including southern mills.

Average Days, Hours, and Earnings, 1930 and 1932

Table 2 shows average days, hours, earnings, and the percent of full time worked in 1 week for each sex separately and for both sexes combined. The averages are for the wage earners covered in each State and the southern district in 1930 and 1932. The "southern district" shown in the table included Georgia, Kentucky, Maryland, South Carolina, Tennessee, and Virginia in 1930, and all of these States except Maryland in 1932, the mill in Maryland covered in 1930 being closed in 1932.

The purpose of this table is to make easy comparison of the 1930 averages for any State with those for 1932, and also the averages for any State for 1930 or 1932 with the averages for any other State or for all States and the southern district combined.

The most significant fact revealed by table 2 is that average earnings per hour and per week for each sex in each State were less in 1932 than in 1930. In the 2-year period the average hourly earnings of males decreased from 51.6 to 44.7 cents and those of females decreased from 39.2 to 32.7 cents. In the various States and the southern district in 1930 the average hourly earnings of males ranged from 34.8 to 63 cents, of females from 25 to 50.3 cents, and of both sexes combined from 30.8 to 56.7 cents. In 1932 the averages of males ranged from 25.5 to 52.3 cents, of females from 21.1 to 40.9 cents, and of both sexes from 23.4 to 46.5 cents.

In 1930 the average actual earnings per week of males ranged, by States, from \$16.22 to \$27.84, of females from \$10.76 to \$19.85, and of both sexes combined from \$13.91 to \$23.66. In 1932 the average earnings per week of males ranged from \$11.71 to \$26.68, of females from \$9.22 to \$18.43, and of both sexes from \$10.50 to \$22.20. The actual weekly earnings of males in all States combined declined from \$21.97 in 1930 to \$19.26 in 1932, and those of females fell from \$15.19 to \$12.59.

TABLE 2.—Average days, hours, and earnings, and percent of full time worked in 1 week, 1930 and 1932, by sex and State

Sex and State	Year	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Hours actually worked in 1 week		Average earnings per hour	Average full-time earnings per week	Average actual earnings per week
						Average number	Percent of full time			
MALES										
Connecticut.....	1930	12	1,385	4.5	48.9	39.6	81.0	\$0.554	\$27.09	\$21.93
	1932	9	928	4.1	49.5	38.1	77.0	.480	23.76	18.30
Maine.....	1930	12	1,664	4.4	51.1	39.8	77.9	.526	26.88	20.94
	1932	12	1,613	4.3	54.1	45.3	83.7	.438	23.70	19.85
Massachusetts.....	1930	16	8,096	4.6	48.5	39.0	80.4	.515	24.98	20.11
	1932	14	7,817	4.6	49.1	39.5	80.4	.450	22.10	17.81
New Hampshire.....	1930	4	976	5.4	51.3	48.2	94.0	.490	25.14	23.65
	1932	4	1,104	5.0	52.9	45.3	85.6	.407	21.53	18.44
New Jersey.....	1930	4	1,411	5.1	48.4	44.2	91.3	.630	30.49	27.84
	1932	4	1,869	5.5	49.6	51.0	102.8	.523	25.94	26.68
New York.....	1930	6	1,035	4.6	50.8	42.0	82.7	.523	26.57	21.93
	1932	4	794	4.3	51.2	39.6	77.3	.452	23.14	17.92
Pennsylvania.....	1930	22	1,417	5.0	53.5	46.7	87.3	.543	29.05	25.39
	1932	18	1,496	5.0	53.2	45.4	85.3	.472	25.11	21.45
Rhode Island.....	1930	14	3,313	5.4	48.7	47.3	97.1	.531	25.86	26.14
	1932	15	3,033	4.9	48.1	41.7	86.7	.474	22.80	19.77
Vermont.....	1930	3	671	5.2	48.9	45.1	92.2	.545	26.65	24.58
	1932	3	868	5.6	55.7	57.1	102.5	.364	20.27	20.77
Southern district.....	1930	12	1,728	4.9	53.5	46.7	87.3	.348	18.62	16.22
	1932	8	885	4.7	56.0	46.0	82.1	.255	14.28	11.71
Total.....	1930	105	21,691	4.8	49.7	42.6	85.7	.516	25.65	21.97
	1932	91	20,407	4.8	50.6	43.1	85.2	.447	22.62	19.26
FEMALES										
Connecticut.....	1930	12	664	4.3	48.9	35.7	73.0	.397	19.41	14.20
	1932	8	404	3.4	49.7	29.3	59.0	.316	15.71	9.27
Maine.....	1930	12	933	4.0	50.9	32.7	64.2	.415	21.12	13.56
	1932	12	835	4.3	53.8	36.4	67.7	.336	18.08	12.23
Massachusetts.....	1930	16	6,784	4.4	48.0	34.8	72.5	.409	19.63	14.24
	1932	14	6,383	4.6	48.0	35.6	74.2	.332	15.94	11.83
New Hampshire.....	1930	4	971	5.1	50.0	42.9	85.8	.348	17.40	14.94
	1932	4	1,212	4.4	53.5	37.1	69.3	.289	15.46	10.74
New Jersey.....	1930	4	1,578	4.8	48.4	39.5	81.6	.503	24.35	19.85
	1932	4	2,222	5.5	48.7	45.1	92.6	.409	19.92	18.43

TABLE 2.—Average days, hours, and earnings, and percent of full time worked in 1 week, 1930 and 1932, by sex and State—Continued

Sex and State	Year	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Hours actually worked in 1 week		Average earnings per hour	Average full-time earnings per week	Average actual earnings per week
						Average number	Percent of full time			
FEMALES—continued										
New York	1930	6	1,097	3.9	49.1	34.3	69.9	\$0.393	\$19.30	\$13.48
	1932	4	984	4.0	49.6	32.6	65.7	.319	15.82	10.40
Pennsylvania	1930	22	2,583	4.6	53.2	42.1	79.1	.363	19.31	15.29
	1932	18	1,897	4.9	53.4	41.2	77.2	.278	14.85	11.47
Rhode Island	1930	14	3,531	5.2	48.2	42.7	90.7	.402	19.38	17.56
	1932	15	2,672	4.7	48.0	37.5	78.1	.364	16.99	13.27
Vermont	1930	3	458	5.3	48.6	43.8	90.1	.263	14.20	15.98
	1932	3	700	5.4	51.0	53.1	98.3	.263	14.20	13.99
Southern district	1930	12	1,260	4.8	53.8	43.1	80.1	.250	13.45	10.76
	1932	8	844	4.8	55.5	43.8	78.9	.211	11.71	9.22
Total	1930	105	19,809	4.7	49.5	38.8	78.4	.392	19.40	15.19
	1932	90	18,102	4.7	50.0	38.5	77.0	.327	16.35	12.59
MALES AND FEMALES										
Connecticut	1930	12	2,049	4.4	48.9	38.3	78.3	.507	24.79	19.43
	1932	9	1,332	3.9	49.6	35.4	71.4	.439	21.77	15.56
Maine	1930	12	2,597	4.3	51.0	37.3	73.1	.491	25.04	18.29
	1932	12	2,448	4.7	54.0	42.3	78.3	.408	22.03	17.25
Massachusetts	1930	16	14,830	4.5	48.3	37.1	76.8	.470	22.70	17.44
	1932	14	14,199	4.6	48.6	37.8	77.8	.400	19.44	15.12
New Hampshire	1930	4	1,947	5.2	48.4	41.7	86.2	.424	21.50	19.30
	1932	4	2,316	4.7	53.2	41.0	77.1	.351	18.67	14.41
New Jersey	1930	4	2,989	5.0	48.3	41.7	86.2	.567	27.44	23.66
	1932	4	4,061	5.5	49.1	47.8	97.4	.465	22.83	22.20
New York	1930	6	2,132	4.3	50.0	38.0	76.0	.463	23.15	17.59
	1932	4	1,728	4.2	50.4	35.8	71.0	.387	19.50	13.86
Pennsylvania	1930	22	4,000	4.7	53.3	43.7	82.0	.432	23.03	18.86
	1932	18	3,393	4.9	53.3	43.1	80.9	.368	19.61	15.87
Rhode Island	1930	14	6,844	5.3	48.5	45.5	93.8	.467	22.65	21.23
	1932	15	5,705	4.8	48.0	39.7	82.7	.421	20.21	16.73
Vermont	1930	3	1,029	5.3	48.8	44.6	91.4	.466	22.74	20.75
	1932	3	1,568	5.7	54.9	55.3	100.7	.321	17.62	17.74
Southern district	1930	12	2,983	4.9	53.6	45.2	84.3	.306	16.51	13.91
	1932	8	1,729	4.7	55.7	44.9	80.6	.234	13.03	10.50
Total	1930	105	41,400	4.8	49.6	40.7	82.1	.480	22.82	18.73
	1932	91	38,509	4.8	50.3	40.9	81.3	.394	19.82	16.13

Classified Earnings per Hour, 1910 to 1932

Table 3 gives average and classified earnings per hour for mule spinners, frame spinners, and weavers for 1910 to 1914 and for each of the even numbered years thereafter to 1932, and also for the wage earners in each of 10 other representative occupations for the years 1926, 1928, 1930, and 1932. The figures in this table represent a percentage distribution, by average earnings per hour, of the wage earners in all occupations in the industry, applying especially to the period from 1926 to 1932. For a like distribution, by number, of the wage earners covered in each of these occupations in each State, by average earnings per hour, see table B, page 43.

The 1932 figures are for males only in 4 occupations, for females only in 4 occupations, and for both sexes in 5 occupations. The 8,445 males in these occupations are 41 percent of the males covered in all occupations; the 10,598 females are 59 percent of the females

covered in all occupations; and the 19,043 males and females are 49 percent of the total number of wage earners included in the 1932 study.

In 1910 the 529 mule spinners—the first occupation in the table for which figures for that year are shown—earned an average of 22.4 cents per hour; approximately 26 percent earned an average of less than 20 cents per hour and 2 percent earned an average of 30 cents or more per hour. The 960 covered in 1920 earned an average of 81.6 cents per hour; 1 percent earned an average of less than 40 cents per hour while 27 percent earned an average of \$1.00 or more per hour. Those covered in 1932 earned an average of 51.5 cents per hour; about 6 percent earned an average of less than 30 cents per hour and none earned an average as high as \$1 per hour.

Table 4 shows the number and percent of wage earners of each sex and of both sexes combined at each classified group of average earnings per hour. The figures are for all wage earners covered in the 1932 study of the industry.

The table shows that only 1, or less than 1 percent of the 20,407 males covered in the 1932 study, earned an average that was within the classified group of 6 and under 7 cents per hour; that 2,191, or 11 percent, earned an average that fell within the group of 37½ and under 40 cents per hour; that 916, or 4 percent, earned an average that was within the group of 65 and under 70 cents per hour; that 19, or less than 1 percent, earned an average that was in the group of \$1 and under \$1.10 per hour; and that 2, or less than 1 percent, earned an average that was as much as \$1.30 and under \$1.40 per hour.

TABLE 4.—Classified average earnings per hour of males and of females and of both sexes combined in all occupations in the industry in 1932

Classified earnings	Number			Percent		
	Males	Females	Total	Males	Females	Total
4 and under 5 cents.....	-----	1	1	-----	(1)	(1)
6 and under 7 cents.....	1	6	7	(1)	(1)	(1)
7 and under 8 cents.....	2	8	10	(1)	(1)	(1)
8 and under 9 cents.....	1	14	15	(1)	(1)	(1)
9 and under 10 cents.....	2	23	25	(1)	(1)	(1)
10 and under 11 cents.....	5	26	31	(1)	(1)	(1)
11 and under 12 cents.....	7	39	46	(1)	(1)	(1)
12 and under 13 cents.....	7	50	57	(1)	(1)	(1)
13 and under 14 cents.....	17	63	80	(1)	(1)	(1)
14 and under 15 cents.....	30	79	109	(1)	(1)	(1)
15 and under 16 cents.....	54	162	216	(1)	1	1
16 and under 17 cents.....	44	84	128	(1)	(1)	(1)
17 and under 18 cents.....	55	191	246	(1)	1	1
18 and under 19 cents.....	36	146	182	(1)	1	(1)
19 and under 20 cents.....	76	315	391	(1)	2	1
20 and under 21 cents.....	110	435	545	1	2	1
21 and under 22 cents.....	87	412	499	(1)	2	1
22 and under 23 cents.....	102	519	621	(1)	3	2
23 and under 24 cents.....	91	440	531	(1)	2	1
24 and under 25 cents.....	131	728	859	1	4	2
25 and under 27½ cents.....	671	1,855	2,526	3	10	7
27½ and under 30 cents.....	620	2,119	2,739	3	12	7
30 and under 32½ cents.....	1,378	1,861	3,239	7	10	8
32½ and under 35 cents.....	1,443	2,260	3,703	7	12	10
35 and under 37½ cents.....	2,073	1,682	3,755	10	9	10
37½ and under 40 cents.....	2,191	1,165	3,356	11	6	9
40 and under 42½ cents.....	1,529	1,048	2,577	7	6	7
42½ and under 45 cents.....	956	661	1,617	5	3	4
45 and under 47½ cents.....	1,253	410	1,663	6	2	4
47½ and under 50 cents.....	860	294	1,154	4	2	3
50 and under 55 cents.....	1,827	546	2,373	9	3	6
55 and under 60 cents.....	1,467	264	1,731	7	1	4
60 and under 65 cents.....	1,307	160	1,467	6	1	4
65 and under 70 cents.....	916	64	970	4	(1)	3
70 and under 75 cents.....	532	25	557	3	(1)	1
75 and under 80 cents.....	241	19	260	1	(1)	1
80 and under 85 cents.....	140	10	150	1	(1)	(1)
85 and under 90 cents.....	71	8	79	(1)	(1)	(1)
90 and under 95 cents.....	39	4	43	(1)	(1)	(1)
95 cents and under \$1.....	7	5	12	(1)	(1)	(1)
\$1 and under \$1.10.....	19	1	20	(1)	(1)	(1)
\$1.10 and under \$1.20.....	3	4	7	(1)	(1)	(1)
\$1.20 and under \$1.30.....	4	2	6	(1)	(1)	(1)
\$1.30 and under \$1.40.....	2	3	5	(1)	(1)	(1)
\$1.40 and under \$2.....	-----	1	1	-----	(1)	(1)
Total.....	20,407	18,102	38,509	-----	-----	-----
Average earnings per hour.....	\$0.447	\$0.327	\$0.394	-----	-----	-----

¹ Less than 1 percent.

Regular or Customary Hours per Day and per Week

The regular or customary full-time hours per day and week of an establishment are the hours of operation when it is working its recognized standard of full time as established by the regular time of beginning and quitting work each day less the regular time off duty for lunch or dinner, with no overtime and no loss of time for any cause.

Table 5 shows average full-time hours per week and a percentage distribution, by full-time hours per week, of the wage earners covered in each of 13 representative occupations in the industry in each of the specified years from 1910 to 1932 for which data are available. For a similar distribution, by number of the wage earners in each of these occupations in each State in 1932, see table C, page 49.

Full-time hours per week of wool sorters, male (the first occupation in the table), averaged 56.3 in 1910, when the hours of the 289 (100 percent) covered in that year were over 54 per week, and for 8 percent of these the hours were 60 and over per week. In 1912 the average was 55.2 per week and the hours of 61 percent were 54 per week and of 3 percent were 60 and over per week. In 1920 the average had dropped to 48.1 when the hours of only 1 percent were 54 per week while the hours of 99 percent were 48 and under 54 per week. In 1932 the average had risen to 50.2 per week; the hours of 61 percent of the wool sorters covered in that year were 48 per week and of only 1 percent were over 54 per week. The change in the averages and the percentage distribution of the wage earners in this occupation are fairly representative of the trend in the other occupations in table 5 and in the industry as a whole.

TABLE 5.—Average and classified full-time hours per week in 13 specified occupations, 1910 to 1932, by sex and year

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Percent of wage earners whose full-time hours per week were—						
					Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60 and over
Wool sorters:											
Male.....											
	1910	18	289	56.3					88	4	8
	1911	19	444	56.4					83	12	5
	1912	19	471	55.2				61	21	14	3
	1913	19	246	55.0				65	21	14	
	1914	15	381	54.2				83	17	(¹)	
	1916	17	412	54.1	1			82	7		
	1918	20	538	54.4				87	7		5
	1920	22	423	48.1		99		1			
	1922	17	358	48.4		94		6			
	1924	19	359	49.5		75	1	24			
	1926	30	445	50.8		52	3	39	5		
	1928	22	392	49.9		69		31			
	1930	29	503	49.3		76	3	21			
	1932	26	442	50.2		61	3	35	1		
Female.....											
	1920	1	28	48.0		100					
	1922	3	37	48.0		100					
	1924	5	65	48.2		97		3			
	1926	2	37	48.0		100					
	1928	2	27	48.3		78	22				
	1930	3	63	49.3		78		22			
	1932	7	92	50.1		66		30	3		

¹ Less than 1 percent.

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

TABLE 5.—Average and classified full-time hours per week in 13 specified occupations, 1910 to 1932, by sex and year—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Percent of wage earners whose full-time hours per week were—							
					Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60 and over	
Card tenders:												
Male.....	1910	26	201	56.9					66	20	14	
	1911	40	320	57.1					55	35	10	
	1912	40	412	56.4				36	18	33	13	
	1913	40	329	56.3				32	24	26	8	
	1914	41	398	56.1				46	18	19	18	
	1916	47	533	55.8				47	22	15	17	
	1918	47	599	54.8	3	4		62	16	1	14	
	1920	43	444	48.4	(1)	94		3			2	
	1922	46	514	49.5		81	4	9		2	4	
	1924	47	528	49.4		81	5	9	1		4	
	1926	70	531	49.8		66	12	16	4		2	
	1928	62	550	50.3		68	5	14	3	1	8	
	1930	76	652	50.3	2	55	8	18	8	3	6	
	1932	59	503	51.4	4	45	7	26	7		5	
Female.....	1920	11	103	48.3		95		5				
	1922	10	109	48.2		97	3					
	1924	12	94	48.0		100						
	1926	19	166	48.7		89		10	2			
	1928	15	136	48.1	4	88		8				
	1930	9	105	48.0		100						
	1932	14	83	49.3	11	64	1	24				
Drawing-frame tenders:												
Male.....	1916	5	211	55.0	(1)			77	4	8	11	
	1918	6	193	54.1				96	4			
	1920	6	51	48.0		100						
	1922	8	189	48.1	1	98		2				
	1924	8	263	49.2	(1)	81		2	16			
	1926	9	271	48.8		87	1	13				
	1928	6	66	48.2		97		3				
	1930	9	209	50.5		75	2	2	5		16	
	1932	10	139	49.3		85		1	10		4	
Female.....	1916	14	1,603	53.7	1	13		62	23	2		
	1918	15	1,760	52.9	3	11		66	21			
	1920	16	1,758	48.3	(1)	96		4				
	1922	17	1,615	48.5		91		9				
	1924	15	1,885	48.9	(1)	83	2	12	3			
	1926	26	1,753	49.7		68	5	27	(1)			
	1928	25	1,766	49.4		73	5	22				
	1930	29	1,983	49.4	2	70	7	21	1			
	1932	27	1,858	49.6	8	59	4	28	1			
Spinners, mule:												
Male.....	1910	26	529	57.0					61	26	13	
	1911	40	638	57.3					49	38	13	
	1912	40	719	56.5					35	15	39	11
	1913	42	828	56.5					30	21	41	8
	1914	42	897	56.0					45	17	19	17
	1916	46	1,222	55.3		2			55	17	13	8
	1918	46	1,431	54.9		5			58	24	1	12
	1920	46	960	48.2		96						
	1922	44	1,119	49.2		82	4	11		3	1	
	1924	47	1,290	48.9		85	6	9	1	1		
	1926	69	1,249	49.7		69	8	16	5	(1)	1	
	1928	61	1,106	49.5	1	73	4	15	4	4	2	
	1930	71	1,223	50.0	2	65	6	13	8	4	2	
	1932	53	1,098	51.3	2	47	4	29	10	5	2	
Female.....	1930	8	9	52.6	22				78			
	1932	8	24	49.3		83			8	8		
Spinners, frame:												
Male.....	1930	4	73	48.5		73	27					
	1932	10	144	52.8	11	33	9	14	8		24	
Female.....	1910	8	578	56.0					97		3	
	1911	10	1,002	56.4					80		1	
	1912	10	1,070	55.2					53		32	
	1913	10	751	55.5					43		34	
	1914	9	970	54.2					75		25	
	1916	14	1,202	53.9	1	7			70		20	
	1918	15	1,350	52.4	6	4			80		9	
	1920	14	1,026	48.2	(1)	96		3				

1 Less than 1 percent.

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

TABLE 5.—Average and classified full-time hours per week in 13 specified occupations, 1910 to 1932, by sex and year—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Percent of wage earners whose full-time hours per week were—						
					Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60 and over
Spinners, frame—Continued.											
Female (continued)-----											
	1922	15	972	48.4	2	90		8			
	1924	14	1,106	48.9	(1)	82	4	14			
	1926	23	1,228	49.8		65	8	27			
	1928	23	1,281	49.7		70	4	27			
	1930	34	1,301	49.4	3	65	7	24	2		
	1932	26	1,145	49.4	9	60	5	25	1		
Doffers:											
Male-----											
	1916	5	255	49.8	51			49			
	1918	5	138	50.5	40			60			
	1920	6	108	46.3	27	73					
	1922	5	165	47.0	30	70					
	1924	7	214	49.9	26	27		47			
	1926	5	47	48.2		89	11				
	1928	9	73	50.3		55	15	27		3	
	1930	4	21	51.7		24	24	48	5		
	1932	6	36	51.9		47		36	8	8	
Female-----											
	1916	12	709	52.2	22	54		42	30	2	
	1918	12	829	48.6	37	52		53	8		
	1920	14	561	46.7	30	67		3			
	1922	14	619	48.1	19	68		13			
	1924	10	566	48.1	20	62	7	11			
	1926	22	701	49.9		59	12	28			
	1928	20	588	50.3		58	6	36			
	1930	24	608	49.7	5	55	8	31	2		
	1932	21	572	50.2	1	54	8	35	2		
Spooler tenders:											
Male-----											
	1930	2	13	51.5				85		15	
	1932	3	11	48.0		100					
Female-----											
	1916	55	1,571	54.1	4	51		76	8	11	
	1918	56	1,514	53.6	7	7		75	18		
	1920	55	1,474	48.2	1	95		4		(1)	
	1922	59	1,247	48.7	(1)	87	2	11			
	1924	64	1,228	48.6	(1)	89	2	9			
	1926	95	1,283	49.1	(1)	78	7	15	(1)		
	1928	82	1,407	49.0		81	4	15			
	1930	87	1,147	48.9	1	80	7	7	3	1	
	1932	69	1,218	49.8		68	5	22	2	1	
Loom fixers:											
Male-----											
	1910	27	429	56.6					79	9	
	1911	46	569	56.7					68	24	
	1912	46	589	55.9					38	32	
	1913	47	581	55.8					39	21	
	1914	47	651	55.1					31	26	
	1916	60	794	54.9		51			58	27	
	1918	61	843	54.5		51			60	10	
	1920	64	736	48.3	(1)	95			74	20	
	1922	64	747	48.4		92	1		4		
	1924	68	821	49.0	1	83	3	13		1	
	1926	99	748	49.0		78	11	9	2	(1)	
	1928	33	692	49.0	1	81	4	11	2	(1)	
	1930	91	701	49.8	2	67	8	12	6	2	
	1932	79	594	51.6		53	10	21	3	5	
Weavers:											
Male-----											
	1910	27	2,907	57.1					65	17	
	1911	46	4,049	57.1					60	25	
	1912	46	4,476	56.3					33	28	
	1913	47	3,834	56.3					28	32	
	1914	48	4,336	55.2					60	19	
	1916	61	5,481	54.9		52			64	17	
	1918	61	5,812	54.5		52			73	21	
	1920	64	4,825	48.3	1	94			4		
	1922	64	5,518	48.3	2	89	1		8		
	1924	68	5,725	48.8		87	4		9		
	1926	97	5,528	48.9		80	10		8		
	1928	83	4,641	48.9	1	84	4		8		
	1930	93	4,187	49.8	4	66	7	10	7	3	
	1932	80	3,291	51.4	(1)	53	9	18	7	6	

Less than 1 percent.

¹ Tabulated in previous reports as "48 and under 54."

TABLE 5.—Average and classified full-time hours per week in 13 specified occupations, 1910 to 1932, by sex and year—Continued

Occupation and sex	Year	Number of establishments	Number of wage earners	Average full-time hours per week	Percent of wage earners whose full-time hours per week were—							
					Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60 and over	
Weavers—Continued.												
Female.....	1910	27	2,855	56.3					84	7	9	
	1911	46	3,384	56.8					68	28	8	
	1912	46	3,586	55.9					39	26	35	
	1913	47	3,493	56.0					30	32	36	2
	1914	45	3,862	54.7					54	39	8	
	1916	61	4,508	54.5					56	32	8	
	1918	61	5,783	48.3	(1)	1			75	21		
	1920	63	5,783	48.3	(1)	1			4			
	1922	63	5,622	48.4	(1)				92			
	1924	67	8,713	48.9				2	84	4		
	1926	89	2,748	49.2				14	71	13		(1)
	1928	79	2,419	48.8					80	9		
	1930	81	2,012	49.6					18	10		(1)
	1932	58	1,082	52.4	4	59	18	10	5	5	4	(1)
						43	17	16		9		11
Burlers:												
Female.....	1910	26	1,034	56.5					81	9	10	
	1911	43	1,516	56.8					65	27	9	
	1912	44	1,562	55.9					46	17	30	7
	1913	44	1,643	55.6					52	20	26	2
	1914	44	1,756	54.6	1				54	40	4	
	1916	55	1,889	54.6	(1)	1			65	26	9	
	1918	55	1,867	54.1	(1)	1			80	17		
	1920	64	2,321	48.4	(1)	1			93	5		1
	1922	61	1,778	48.2	1			(1)	94	4		
	1924	60	1,711	49.2	(1)			2	78	19		
	1926	90	1,722	49.3				10	73	17		
	1928	79	1,691	49.3				8	74	18		
	1930	92	2,258	49.4	2	70	9	13	4	4	1	1
	1932	77	2,455	50.2		60	9	25	5	1	1	1
Menders:												
Female.....	1910	25	1,196	56.8					73	10	18	
	1911	44	1,623	56.8					72	14	15	
	1912	44	1,668	55.7					53	20	14	12
	1913	42	1,888	55.3					57	23	16	4
	1914	43	1,801	54.4	1				82	8	9	
	1916	53	1,767	54.3	1				86	5	8	
	1918	53	1,685	54.1					91	9		
	1920	61	1,729	48.5	1				92	6		1
	1922	63	1,985	48.4	3			1	89	7		
	1924	64	1,850	48.5				3	90	8		
	1926	91	2,121	48.6	(1)			8	84	8		
	1928	82	2,086	48.5				4	89	7		
	1930	89	2,511	49.3	1	74	7	13	2	1		1
	1932	76	2,093	49.8		67	10	19	3	(1)		1
Truckers:												
Male.....	1920	62	1,205	48.1	2			2		(1)	(1)	
	1922	60	1,334	48.2	1			1	2	(1)	(1)	
	1924	64	1,672	49.2	2			1	11	(1)	(1)	6
	1926	93	1,236	48.9	(1)			5	11	2		1
	1928	79	1,419	48.5	(1)			3	6	(1)	(1)	1
	1930	103	1,655	48.9	2	80	4	11	2	1	(1)	2
	1932	85	1,597	49.9		70	2	22	2			
Female.....	1930	11	113	49.9	7	45	6	42				
	1932	4	38	53.8		3		97				
Dye-house laborers:												
Male.....	1910	27	837	56.3					85	9	7	
	1911	45	1,116	56.6					74	17	9	
	1912	45	1,093	55.5					51	25	17	3
	1913	46	1,041	55.6					45	29	24	7
	1914	47	1,427	54.9					69	13	7	5
	1916	55	1,636	55.0					60	25	10	7
	1918	55	1,606	54.7	(1)				67	25		7
	1920	82	961	48.3					95	4		1
	1922	54	1,032	48.9				3	87	5		3
	1924	59	877	49.2				11	82	5		3
	1926	82	1,008	49.4				8	74	14		2
	1928	72	962	49.1				12	81	5		(1)
	1930	82	944	49.5	1	65	14	10	6	2		(1)
	1932	67	745	50.2		62	9	22	3	3		3

1 Less than 1 percent.

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

Table 6 shows for both daywork and nightwork the number of mills in each State at each of the specified number of regular full-time hours per week and per day. There was daywork in each of the 91 mills included in the 1932 study in which the full-time hours per week ranged from 48 to 60, and nightwork in 27 mills in which the full-time hours ranged from 48 to 67½ per week.

Hours per day for daywork, Monday to Friday, ranged from 8 to 11, and for nightwork, Monday to Friday, from 9 to 13½. On Saturday the hours for daywork ranged from 3½ to 8 in the 78 mills that were on a 6-day-week basis. Thirteen mills with daywork were on a 5-day-week basis with no work on Saturday. The hours of 4 of the 13 mills were 9½ on each of 4 days and 10 on 1 day; of 4 mills were 9½ on each of 4 days and 9 on 1 day; of 1 mill were 10 on each of 4 days and 8 on 1 day; of 3 mills were 9½ on each of 5 days; and of 1 mill were 10 on each of 5 days.

The hours per week for daywork of 42 of the 91 mills covered in the 1932 study were 48, and of 30 were 54 per week.

TABLE 6.—Number of establishments in each State at each specified number of full-time hours per week and per day, for daywork and nightwork, 1932

DAYWORK

Full-time hours per week	Full-time hours per day			Number of establishments in—									Total establishments	
	Monday to Thursday	Friday	Saturday	Connecticut	Maine	Massachusetts	New Hampshire	New Jersey	New York	Pennsylvania	Rhode Island	Vermont		Southern district
48	8	8	8								4			4
	8½	8½	4½	1		4					3			10
	9	9	4½			5	1	1	1		4			15
	9½	9½	3½			1								4
49½	10	10	0	4										4
	10½	9½	0			1								4
	10	9	0							2				4
	10	9	0						1		1			4
50	10	10	0	1					1			1		3
	10	10	0	1										2
50½	10½	10½	4½						1	1				2
	10½	10½	4½		1									2
52	10½	10½	5							1				1
	10½	10½	5											1
53	10½	10½	5					1		1				2
	10½	10½	5½		10		3		1	2		1	1	23
54	10½	10½	5							7				3
	10½	10½	5½	1	1					2				3
55	10	10	4	1						2				3
	10	10	5	1						2				3
56	10½	10½	5½							2				5
	10½	10½	5½							2			3	5
57	10½	10½	5½									1		1
	10½	10½	5½									1	2	2
60	11	11	5										1	1
	11	11	5										1	1
Total				9	12	14	4	4	4	18	15	3	8	91

1 Females worked 4 hours on Saturday and 54 per week.

TABLE 6.—Number of establishments in each State at each specified number of full-time hours per week and per day, for daywork and nightwork, 1932—Con.

NIGHTWORK

Full-time hours per week	Full-time hours per day			Number of establishments in—									Total establishments	
	Monday to Thursday	Friday	Saturday	Connecticut	Maine	Massachusetts	New Hampshire	New Jersey	New York	Pennsylvania	Rhode Island	Vermont		Southern district
48	9 9½ 10	9 9½ 10	3 0 0			1								1 1 2
50	10	10	0	4	1			1					1	4
52½	10½	10½	0							2				2
54	10½	10½	0							1				1
55	11	11	0		3						1			4
57	11½	11½	0										1	1
60	12	12	0			2					1		1	4
62½	12½	12½	0			2								2
65	13	13	0		1		1							2
67½	13½	13½	0			1								1
Total				4	5	7	1	1		3	3	1	2	27

Changes in Full-Time Hours Since May 1, 1930

Between May 1, 1930, and the period of the study in 1932 only 15 of the 91 mills included in the report made changes in regular full-time hours.

One mill changed from a 6-day week of 48 hours to a 5-day week of 50 hours; one from a 5-day week of 50 hours to a 6-day week of 54 hours; another from a 5-day week of 48 hours to a 6-day week of 54 hours; and 4 mills changed from a nightshift on 5 nights of 10 hours each, or 50 per week, to 2 shifts, 1 of 8 hours on 6 nights or 48 per week and the other of 6½ hours on 6 nights or 40 hours per week.

Table 7 shows the hours per week and per day before and after the changes for each of the 15 mills. There was no change in the hours for daywork in 80 mills or for nightwork in 23 mills.

TABLE 7.—Hours per week and per day of 15 establishments before and after changes between May 1, 1930, and period of 1932 study

Number of establishments	Wage earners affected by change	Hours before change			Hours after change		
		Per week	Monday to Friday	Saturday	Per week	Monday to Friday	Saturday
1	Those on daywork	50	10	0	54	9½	4½
1	do	50	9	5	54	9½	5½
1	do	54	9½	4½	50½	9½	4½
1	do	48	8½	4½	50	10	0
3	do	48	8½	4½	54	9½	5½
2	do	48	8½	4½	54	9½	5½
1	do	48	10½	0	54	9½	5½
1	do	48	8½	4½	52	9½	4½
1	do	48	8½	4½	48	8	8
4	Those on nightwork	50	10	0	40	6½	6½

1 9½ Monday to Thursday and 9½ on Friday.

Changes in Wage Rates Since May 1, 1930

Changes in wage rates between May 1, 1930, and the period of the 1932 study were reported for 85 of the 91 mills included in this report. Table 8 shows the wage earners affected by each change and the percent or amount of the change and the year in which it was made. All changes were decreases. One mill reduced rates of all wage earners four times—10 percent in 1930, 7½ and 10 percent in 1931, and 10 percent in 1932. Rates were reduced twice in 28 mills and only once in 56 mills.

TABLE 8.—Changes in wage rates in 85 establishments between May 1, 1930, and period of 1932 study

Number of establishments	Wage earners affected by the change	Percent or amount of decrease and year in which made
1	All.....	10 percent in 1930, 7½ and 10 percent in 1931, and 10 percent in 1932.
2	do.....	10 and 20 percent in 1931.
1	do.....	12½ percent in 1930 and 15 percent in 1932.
1	do.....	25 percent in 1931.
1	do.....	12½ percent in 1930 and 12½ percent in 1931.
1	do.....	12½ percent in 1930 and 12½ percent in 1932.
1	do.....	12½ percent in 1930 and 10 percent in 1931.
1	do.....	12½ percent in 1931 and 10 percent in 1932.
1	do.....	10 percent in 1930 and 10½ percent in 1932.
2	do.....	10 percent in 1930 and 10 percent in 1931.
3	do.....	10 and 10 percent in 1931.
2	do.....	10 percent in 1930 and 10 percent in 1932.
3	do.....	10 percent in 1931 and 10 percent in 1932.
1	do.....	20 percent in 1931.
1	do.....	19 percent in 1931.
1	do.....	12 percent in 1931 and 5 percent in 1932.
2	do.....	15 percent in 1931.
1	do.....	15 percent in 1932.
4	do.....	5 percent in 1931 and 10 percent in 1932.
1	do.....	13½ percent in 1932.
3	do.....	12½ percent in 1931.
1	do.....	12½ percent in 1932.
2	do.....	12 percent in 1930.
1	do.....	10 percent in 1930.
27	do.....	10 percent in 1931.
11	do.....	10 percent in 1932.
4	do.....	5 percent in 1931.
1	95 percent.....	11½ percent in 1931.
1	All.....	10 percent in 1930.
1	Pieceworkers only.....	25 percent in 1932.
1	Timeworkers only.....	12½ percent in 1932.
1	Those in dyeing and finishing departments.....	10 percent in 1930.
1	All.....	10 percent in 1932.
1	do.....	10 percent in 1930.
1	All except menders and dresser tenders.....	10 percent in 1932.
1	All except burlers, menders, and speckers.....	10 and 8 percent in 1931.

Overtime and Sunday and Holiday Work, 1932

Any time worked in excess of the regular full-time hours per day or per week, regardless of the rate paid for such time, is overtime. Work on Sunday and holidays is overtime or extra work only when the working schedule for wage earners does not provide for work regularly on those days. Work on Saturday by a wage earner in a mill in which the 5-day week, Monday to Friday, is in effect is overtime.

During the pay period covered in the 1932 study there was overtime in 81 of the 91 mills studied and extra work on Sunday and holidays in 18 mills. The rate for overtime was the same as for regular working time in 69 mills and higher than the regular rate in 12 mills. The rate for extra work on Sunday and holidays was the same as for regular working time in 9 mills and higher than the regular rate in 9 mills.

Table 9 shows the number of mills in which there was provision for a higher rate for overtime and for extra work on Sunday and holidays than for regular working time, the wage earners who were entitled to the higher rate, and the number of times the regular rate for such work. The higher rate for overtime ranged from $1\frac{1}{10}$ to 2 times the regular rate and for extra work on Sunday and holidays ranged from $1\frac{1}{10}$ to $1\frac{1}{2}$ times the regular rate.

TABLE 9.—*Wage earners entitled to extra pay, and times regular rate for overtime and for extra work on Sunday and holidays, 1932*

Number of establishments	Wage earners entitled to extra pay	Times regular rate for each hour of—	
		Overtime	Extra work on Sunday and holidays
1	(Those in the repair department.....)	$1\frac{1}{2}$	$1\frac{1}{2}$
	(All others.....)	$1\frac{1}{10}$	$1\frac{1}{10}$
2	Those in the mechanical department.....	$1\frac{1}{2}$	$1\frac{1}{2}$
1	All.....	$1\frac{1}{2}$	$1\frac{1}{2}$
1	(All except 3 carpenters.....)	(¹)	(²)
1	3 carpenters.....	2	
1	All.....	$1\frac{1}{2}$	
1	(All except electricians.....)	$1\frac{1}{10}$	
1	Electricians.....	$1\frac{1}{10}$	$1\frac{1}{2}$
1	All.....	$1\frac{1}{10}$	$1\frac{1}{2}$
1	.....do.....	$1\frac{1}{2}$	$1\frac{1}{2}$
1	.....do.....	$1\frac{1}{2}$	$1\frac{1}{2}$
1	(Those in the wet finishing department.....)	$1\frac{1}{2}$	
1	(Spinners.....)	$1\frac{3}{10}$	
1	All.....	$1\frac{1}{2}$	$1\frac{1}{2}$

¹ For hours between 6 p.m. Saturday and 6 a.m. Sunday.

² Regular rate plus 1 cent.

³ Sunday only.

⁴ Except during noon hour when rate is $1\frac{1}{2}$ times the rate for regular working time.

Bonus Systems, 1932

A bonus to wage earners, as generally understood, is compensation in addition to earnings at basic rates of pay. Bonus systems were in operation in 18 of the 91 mills covered in the 1932 study and provided for additional compensation to certain wage earners, mainly loom fixers, for efficiency or production.

Table 10 shows for each of the 18 mills the basis of the bonus, the wage earners who could earn the bonus under certain conditions, and the amount of the bonus.

TABLE 10.—*Bonus systems in operation in 18 establishments, 1932*

Number of mills	Bonus based on—	Wage earners entitled to bonus	Amount, or percent of earnings paid as bonus	Bonus earned when—
1	Efficiency...	Loom fixers.....	Amount equal to $3\frac{1}{2}$ percent of weaver's earnings on 4 automatic looms, $1\frac{1}{4}$ percent on 2 nonautomatic looms, or 1 percent on 1 non-automatic loom.	All looms are kept in running condition during specified unit of time.
1	.....do.....	.....do.....	Amount equal to 1 percent of weaver's earnings on single loom or $1\frac{1}{4}$ percent on double looms.	Do.
1	.....do.....	.....do.....	Amount equal to $1\frac{1}{4}$ percent of weaver's earnings on 2 automatic looms or $3\frac{1}{4}$ percent on 4 automatic looms.	Do.
1	.....do.....	.....do.....	Amount equal to 5 percent of weaver's earnings.	Do.
1	.....do.....	.....do.....	Amount equal to 1 percent of weaver's earnings.	Do.

TABLE 10.—*Bonus systems in operation in 18 establishments, 1932—Continued*

Number of mills	Bonus based on—	Wage earners entitled to bonus	Amount, or percent of earnings paid as bonus	Bonus earned when—
1	Efficiency	Loom fixers	Amount equal to 1½ percent of weaver's earnings on 2 looms, 3 percent on 4 looms, or 4½ percent on 6 looms.	All looms are kept in running condition during specified unit of time.
1	do	do	Amount equal to 6 percent of weaver's earnings.	Do.
2	do	do	Amount equal to ¼ percent of weaver's earnings on single looms, 1 percent on double looms, or 2 percent on automatic looms.	Do.
1	do	Weavers	70 cents for each 100 yards of perfect cloth.	All cloth produced in specified unit of time is perfect.
		Dresser tenders	1.38 cents for each unit over fixed standard.	Production in number of units is over fixed standard per week.
		Slashers	22.8 cents for each unit over fixed standard.	Production in number of units is over fixed standard per specified unit of time.
		Slasher's helpers	11.4 cents for each unit of fixed standard.	Do.
		Loom fixers	Amount equal to 3 percent of \$330 or over per week earned by weavers on 2-loom work, 8 percent of \$123.75 or over earned on 30 automatic looms, or 12 percent of \$32.50 or over earned on 20 automatic looms.	All looms are kept in running condition during specified unit of time.
2	Production		5 percent of earnings at basic rates.	Earnings at basic rates range from \$20.30 to \$22.50 per week in 2 weeks.
		Menders	10 percent of earnings at basic rates.	Earnings at basic rates range from \$22.50 or more per week in 2 weeks.
		Perchers	8.6 cents for each unit over fixed standard.	Production in number of units is over fixed standard per week.
1	do	Floor hands in wool shop, top packers, top bag makers, warpers, examiners, slashers, makers-up, balers, and wool spinners.	75 percent of units produced over set standard at basic rates.	Production in number of units is over fixed standard per unit of time.
1	do	Those in sewing and burling departments.	½ cent for each yard over fixed standard.	Production in number of yards is over fixed standard per week.
1	do	Spinners	Rate for each unit over fixed standard varies with type of goods produced.	Production in number of units is over set standard per unit of time.
1	do	Sewers	\$1.40 for each cut over 3 per week to those with average earnings of 36.36 cents per hour; for each cut over 4 per week to those with average earnings of 40.42 cents per hour; and for each cut over 5 per week to those with average earnings of 42.4 cents per hour.	Production in number of cuts is over 3, 4, or 5 per week.
			10 percent of earnings at basic rates.	Earnings at basic rates were \$9 and under \$14 per week.
1	do	Weavers	15 percent of earnings at basic rates.	Earnings at basic rates were \$14 or more per week.
			Amount equal to 2 percent of weaver's earnings.	All looms are kept in running condition during a specified unit of time.
1	Efficiency and production.	Loom fixers	7.31 cents for each unit over fixed standard.	Production in number of units is over fixed standard per week.

Index Numbers of Employment and of Pay Rolls, 1923 to 1932

In table 11 index numbers of employment and of pay rolls in woolen and worsted goods manufacturing are shown for each month, January 1923 to December 1932. These index numbers were computed from the volume of employment and the amount of pay rolls for each of the months and years, with the 1926 average as the base or 100, and are as published by the Bureau in monthly reports on "Trend of Employment in the United States."

During the period covered by the table, both monthly employment and pay rolls were highest, 127.6 and 138.1, respectively, in May 1923; and lowest, 49.2 and 32.6, respectively, in June 1932. Index numbers of employment, by years, were highest (124.5) in 1923 and lowest (65.4) in 1932, and of pay rolls were highest (126.7) in 1923 and lowest (48.5) in 1932. In this period of years the employment indexes show only one increase, in 1929; while the pay rolls show two increases, in 1927 and 1929. The decline in both employment and pay rolls was a steady one between 1923 and 1932, the greatest drop in employment occurring from 1929 to 1930 and in pay rolls from 1931 to 1932.

TABLE 11.—*Index numbers of employment and of pay rolls, January 1923 to December 1932, by month and year*

[Average for 1926=100]

Month	Employment									
	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	122.9	120.5	118.4	107.2	105.9	98.0	98.3	87.9	68.8	67.3
February.....	124.7	120.3	117.1	99.8	106.1	97.3	97.6	84.8	74.8	73.8
March.....	126.0	119.4	114.4	97.3	102.2	93.9	96.5	78.8	76.4	66.5
April.....	127.4	113.1	112.8	96.4	99.3	91.9	96.9	73.7	71.7	54.0
May.....	127.6	110.1	109.3	95.6	96.9	93.2	97.4	78.1	77.4	50.7
June.....	126.4	106.1	108.3	95.1	97.4	94.8	96.1	79.9	80.9	49.2
July.....	125.0	101.1	106.8	94.9	93.0	91.0	93.9	77.4	84.8	56.9
August.....	123.8	102.5	107.1	95.0	97.3	93.2	96.8	78.4	86.6	70.4
September.....	121.9	109.2	107.5	99.5	98.3	91.2	97.4	78.1	81.4	76.1
October.....	122.2	116.8	108.7	105.4	99.4	96.4	98.5	74.1	68.6	76.9
November.....	123.7	119.2	109.6	107.2	100.5	99.8	93.6	71.7	67.4	71.3
December.....	122.7	120.9	108.8	106.4	99.8	99.4	89.5	69.7	66.0	71.5
Average.....	124.5	113.3	110.7	100.0	99.7	95.0	96.0	77.7	75.4	65.4
Month	Pay-roll totals									
	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	118.1	121.3	126.5	107.4	107.7	98.5	98.6	84.3	61.9	56.9
February.....	120.3	124.3	123.2	98.7	108.5	98.0	99.6	80.5	71.9	63.4
March.....	122.3	119.8	117.4	96.4	102.3	91.4	97.2	72.9	73.0	53.4
April.....	124.3	110.1	112.7	93.8	98.1	87.7	98.5	67.1	65.4	37.7
May.....	138.1	107.0	109.8	93.9	97.0	93.2	99.7	76.6	72.4	34.5
June.....	136.2	100.6	105.3	94.7	98.2	94.4	97.0	77.0	74.5	32.6
July.....	130.0	94.8	105.3	94.3	95.0	83.5	93.0	72.7	78.6	38.4
August.....	123.6	102.3	102.8	94.7	98.4	91.0	96.9	72.9	81.4	50.4
September.....	125.6	111.2	100.4	97.7	99.6	89.2	98.1	73.4	68.3	56.4
October.....	128.5	122.4	106.5	110.5	101.9	99.1	100.7	67.7	58.1	56.7
November.....	126.1	124.8	108.6	108.0	100.9	99.9	89.3	63.6	55.9	49.7
December.....	127.8	130.9	108.2	110.4	102.0	100.2	86.3	64.2	55.2	51.7
Average.....	126.7	114.1	110.6	100.0	100.6	94.4	96.3	72.7	68.1	48.5

Importance of the Industry

Table 12 shows for the industry the number of establishments, average number of wage earners, amount of wages paid, cost of materials, value of products, and value added by manufacture in the specified years from 1899 to 1929 for the United States as a whole, and in 1929 only for each of the nine States for which 1932 data are shown in this report. These figures were taken from the reports of the United States Census of Manufactures for 1929. From them averages per wage earner of yearly wages, cost of materials, value of products, and value added by manufacture were computed by the Bureau of Labor Statistics, as was the percent that wages were of the value added by manufacture.

Average annual wages per wage earner ranged by years from \$356 in 1899 to \$1,158 in 1925, and in 1929 ranged by States from \$1,081 to \$1,268. Wages were 49 per cent of value added by manufacture in 1899 and 1921, 50 percent in 1904, 48 percent in 1909; 57 percent in 1914 and 1925, 42 percent in 1919, 51 percent in 1923 and 1929, and 55 percent in 1927; and in 1929 the percent by States ranged from 43 to 60.

TABLE 12.—*Number of establishments and wage earners, cost of materials, value of products, and value added by manufacture in the woolen and worsted goods industry, 1899 to 1929*

State and year	From United States Census of Manufactures					
	Number of establishments	Average number of wage earners	Amount paid in wages	Cost of materials	Value of products	Value added by manufacture
United States:						
1899.....	1,221	125,901	\$44,849,744	\$148,087,178	\$238,744,502	\$90,657,324
1904.....	1,018	141,998	55,097,343	197,489,306	307,941,710	110,452,404
1909.....	911	163,192	69,727,046	273,438,570	419,743,521	146,304,951
1914.....	799	158,692	75,953,444	246,496,666	379,484,379	132,987,713
1919.....	852	166,787	168,108,681	665,694,683	1,065,434,072	399,839,389
1921.....	814	162,364	174,894,768	400,045,562	755,583,768	355,538,206
1923.....	851	194,552	222,984,522	622,731,847	1,062,558,438	439,826,591
1925.....	832	165,224	191,270,791	620,401,943	967,790,338	337,388,395
1927.....	759	154,361	173,821,905	502,107,842	817,978,299	315,870,457
1929.....	724	146,959	164,151,331	502,531,522	827,006,348	324,474,826
1929						
Connecticut.....	43	9,289	11,779,304	30,598,182	50,347,964	19,749,782
Maine.....	55	10,482	11,334,870	27,612,928	53,901,917	26,288,989
Massachusetts.....	156	45,673	52,304,583	146,020,898	242,898,460	96,877,562
New Hampshire.....	30	4,046	4,628,036	10,955,508	18,688,433	7,732,925
New Jersey.....	23	9,197	10,997,132	26,762,624	49,044,036	22,281,412
New York.....	36	6,310	6,987,905	18,604,256	32,146,708	13,542,452
Pennsylvania.....	130	16,923	20,398,320	80,768,250	125,532,967	44,764,737
Rhode Island.....	93	24,135	26,439,216	101,922,528	154,986,691	53,064,163
Vermont.....	16	1,499	1,713,045	3,553,100	7,191,773	3,638,673
All other States.....	142	19,405	17,568,920	55,733,243	92,267,379	36,534,131

TABLE 12.—Number of establishments and wage earners, cost of materials, value of products, and value added by manufacture in the woolen and worsted goods industry, 1899 to 1929—Continued

State and year	Computed by Bureau of Labor Statistics				
	Average annual wages per wage earner	Cost of materials per wage earner	Value of products per wage earner	Value added by manufacture per wage earner	Percent wages are of value added
United States:					
1899.....	\$356	\$1, 176	\$1, 896	\$720	49
1904.....	388	1, 391	2, 169	778	50
1909.....	427	1, 676	2, 572	897	48
1914.....	479	1, 553	2, 391	838	57
1919.....	1, 008	3, 991	6, 388	2, 397	42
1921.....	1, 077	2, 464	4, 654	2, 190	49
1923.....	1, 146	3, 201	5, 462	2, 261	51
1925.....	1, 158	3, 755	5, 797	2, 042	57
1927.....	1, 126	3, 253	5, 299	2, 046	55
1929.....	1, 117	3, 420	5, 627	2, 208	51
1929					
Connecticut.....	1, 268	3, 294	5, 420	2, 126	60
Maine.....	1, 081	2, 634	5, 142	2, 508	43
Massachusetts.....	1, 145	3, 197	5, 318	2, 121	54
New Hampshire.....	1, 144	2, 708	4, 619	1, 911	60
New Jersey.....	1, 196	2, 910	5, 333	2, 423	49
New York.....	1, 107	2, 948	5, 095	2, 146	52
Pennsylvania.....	1, 205	4, 773	7, 418	2, 645	46
Rhode Island.....	1, 095	4, 223	6, 422	2, 199	50
Vermont.....	1, 143	2, 370	4, 798	2, 427	47
All other States.....	905	2, 872	4, 755	1, 853	48

Scope and Method

This report includes 1932 data for wage earners in 83 representative woolen and worsted mills in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont, and also in 8 mills in Georgia, Kentucky, South Carolina, Tennessee, and Virginia. Since data were obtained for 1 mill only in each of 3 States, the data for the 8 mills were combined and shown as the southern district in the tables in which wage figures are presented by States, as the policy of the Bureau is not to publish figures for any mill separately.

Approximately 90 percent of the total number of wage earners in the industry in the United States are found in the States included in the Bureau's 1932 study, the data shown being for 26 percent of all wage earners.

The various studies of the industry were limited to mills in which the entire or principal products were dress goods and cloth for women's coats and men's suits and overcoats, or yarn for such goods.

Table 13 shows, by States, the number of wage earners in the industry in 1929 according to the United States Census of Manufactures, the number of establishments from which the Bureau of Labor Statistics obtained data in 1932, and the number of wage earners included in the study.

TABLE 13.—*Number of wage earners in woolen and worsted goods manufacturing in 1929, and number of establishments and of wage earners for which 1932 figures are shown in this report, by States*

State	Number of wage earners reported by United States Census in 1929	Establishments and wage earners for which data are shown for 1932 in this report	
		Number of establishments	Number of wage earners
Connecticut.....	9,289	9	1,332
Maine.....	10,432	12	2,448
Massachusetts.....	45,673	14	14,199
New Hampshire.....	4,046	4	2,816
New Jersey.....	9,197	4	4,081
New York.....	6,810	4	1,723
Pennsylvania.....	16,923	18	3,393
Rhode Island.....	24,135	15	5,705
Vermont.....	1,499	3	1,568
Southern district ¹	4,640	8	1,729
All other States.....	14,765		
Total.....	146,959	91	38,509

¹ Georgia, Kentucky, South Carolina, Tennessee, and Virginia.

Data for each of the mills with a pay period of more than 1 week were reduced to a 1-week basis. Because of the carry-over of incomplete cuts from one week to another, wage figures for weavers were taken for 2 weeks in all mills, except those with automatic pick counter on looms, and then reduced to a 1-week basis. Complete wage figures were obtained for 1 week for weavers in mills in which automatic counters were on looms.

Average days worked in 1 week were computed by dividing the total number of days on which all wage earners in an occupation worked in the week by the total number of wage earners in the occupation in the week. In arriving at the total days for the week, each day or part of a day on which a wage earner did any work in the week was counted a day.

Average full-time hours per week were computed by dividing the combined full-time hours per week of all wage earners in an occupation by the number of wage earners in the occupation in 1 week. The full-time hours per week of each wage earner were used in arriving at this average, even though some wage earners worked more or less than full time because of overtime, sickness, disability, or other cause.

Average hours actually worked in 1 week were computed by dividing the total number of hours actually worked in 1 week by the total number of wage earners in the occupation in the week.

Average earnings per hour were computed by dividing the total earnings of all wage earners in an occupation in 1 week by the total number of hours worked in that week by such wage earners.

Average full-time earnings per week were computed by multiplying the average earnings per hour of the wage earners in an occupation by their average full-time hours per week. This is on the assumption that the earnings for full time would have been at the same average rate per hour as for the time that was actually worked in the week.

Average actual earnings per week were computed by dividing the total earnings in 1 week of all wage earners in an occupation by the total number of wage earners in the occupation.

A description of each of the occupations or operations in a representative woolen and worsted mill appears in Bulletin No. 128 (p. 121) of the Bureau of Labor Statistics.

The occupations as published in this bulletin are approximately in the order of manufacture, as follows:

Wool sorters.	Dresser tenders.
Wool-washer tenders.	Tiers-in, hand.
Picker tenders.	Tiers-in, machine.
Card tenders.	Drawers-in, hand.
Card strippers.	Loom fixers.
Card grinders.	Weavers.
Gill-box tenders.	Cloth inspectors.
Comber tenders.	Burlers.
Drawing-frame tenders.	Menders.
Spinners, mule.	Perchers.
Spinners, frame.	Fullers.
Doffers.	Washer tenders, cloth.
Winders, yarn.	Dryer tenders, cloth.
Twister tenders.	Truckers.
Spooler tenders.	Dye-house laborers.
Creelers.	

Wage earners in occupations other than those listed above are grouped and published as "other employees" in this report.

General Tables

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

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

The presentation in this table in parallel columns of "average full-time hours per week" and "average hours actually worked in 1 week" is for the purpose of easy comparison of the hours that would have been worked in the week had all the wage earners in the occupation worked no more nor less than full time, with the average hours that were actually worked in the week. One column shows the full time under normal conditions, while the other shows the hours actually worked in the week by all wage earners in the occupation in each State and in all States combined. The column following shows the percent that the hours actually worked in the week is of the average full-time hours per week.

On page 42, the table shows that 20,407 males in the 91 mills worked on an average of 4.8 days in 1 week; that their average full-time hours per week were 50.6; that they actually worked an average of 43.1 hours in the week, or 85.2 percent of full time; that they earned an average of 44.7 cents per hour and \$19.26 in the week; and that, had they worked full time at the same average rate per hour as was earned in the 43.1 hours, they would have earned an average of \$22.62 in the week. The 18,102 females in the 90 mills worked on an average of 4.7 days in one week; their average full-time hours per week were 50 and the hours actually worked in the week averaged 38.5, or 77 per-

cent of full time; earnings averaged 32.7 cents per hour and \$12.59 per week. Had they worked the average full time of 50 hours per week at the same average rate as was earned in the 38.5 hours actually worked, they would have earned an average of \$16.35.

The 38,509 wage earners in the 91 mills worked on an average of 4.8 days in one week; their average full-time hours per week were 50.3 and they actually worked an average of 40.9 hours or 81.3 percent of full time, and earned an average of 39.4 cents per hour and \$16.13 in the week. Had they worked their average full-time hours of 50.3 per week at the same average rate per hour as was earned in the 40.9 hours, they would have earned an average of \$19.82 in the week.

TABLE B.—Average and classified earnings per hour in 13 specified occupations, 1932, by sex and State.

TABLE C.—Average and classified full-time hours per week in 13 specified occupations, 1932, by sex and State.

TABLE D.—Average and classified hours actually worked in 1 week in 13 specified occupations, 1932, by sex and State.

TABLE E.—Average and classified actual earnings in 1 week in 13 specified occupations, 1932, by sex and State.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Wool sorters, male:									
Connecticut.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	4	39	1.7	54.0	16.3	30.2	\$0.645	\$29.43	\$8.87
Massachusetts.....	6	191	2.6	48.0	22.4	46.7	.675	32.40	15.14
New Hampshire.....	2	59	4.0	53.8	34.5	64.1	.695	32.01	20.54
New Jersey.....	2	25	4.8	48.0	41.2	85.8	.648	31.10	26.70
New York.....	2	13	3.7	50.1	30.9	61.7	.692	29.66	18.30
Pennsylvania.....	5	57	5.0	54.0	42.7	79.1	.689	31.61	25.14
Rhode Island.....	2	52	4.0	48.0	32.5	67.7	.678	32.54	22.06
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	25	442	3.4	50.2	28.7	57.2	.632	31.73	18.16
Wool sorters, female:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	2	49	1.4	48.0	9.6	20.0	.608	20.18	5.84
New Jersey.....	2	12	5.3	48.0	39.5	82.3	.679	27.70	22.86
Southern district.....	2	24	5.5	54.1	49.2	90.9	.197	10.66	9.68
Total.....	7	92	3.3	50.1	27.0	53.9	.362	18.14	9.80
Wool washer tenders, male:									
Maine.....	2	6	2.7	54.0	23.8	44.1	.415	22.41	9.87
Massachusetts.....	6	81	4.1	50.1	38.9	77.6	.466	23.35	18.14
New Hampshire.....	2	7	5.4	51.4	52.4	101.9	.343	17.63	17.90
New Jersey.....	3	17	5.1	47.2	39.8	84.3	.457	21.67	18.17
New York.....	2	2	3.5	50.2	33.3	66.3	.372	18.67	12.38
Pennsylvania.....	6	22	4.7	54.0	40.1	74.3	.417	22.52	16.69
Rhode Island.....	2	12	6.0	48.0	49.3	102.7	.400	19.20	19.74
Southern district.....	2	3	5.0	53.0	51.5	97.2	.306	16.22	15.75
Total.....	25	150	4.5	50.4	40.2	79.8	.438	22.06	17.60
Picker tenders, male:									
Connecticut.....	6	25	4.2	49.4	37.0	74.9	.362	18.87	14.12
Maine.....	11	48	4.6	53.9	41.2	76.4	.349	18.61	14.37
Massachusetts.....	10	40	5.1	48.0	48.7	101.5	.393	18.86	19.12

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Picker tenders, male—Contd.									
New Hampshire.....	2	13	5.3	50.3	53.2	105.8	\$0.369	\$18.56	\$19.65
New Jersey.....	2	12	5.4	48.0	44.0	91.7	.462	22.18	20.30
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	5	12	5.6	54.4	52.6	96.7	.370	20.13	19.47
Rhode Island.....	2	20	1.2	48.0	10.3	21.5	.363	17.42	3.72
Vermont.....	3	7	4.7	53.4	41.3	77.3	.325	17.36	13.42
Southern district.....	5	24	4.4	56.2	43.7	77.8	.210	11.80	9.19
Total.....	47	219	4.4	51.5	40.9	79.4	.359	18.49	14.69
Card tenders, male:									
Connecticut.....	6	31	3.9	49.4	35.4	71.7	.361	17.83	12.77
Maine.....	12	50	4.3	54.6	41.5	76.0	.329	17.96	13.65
Massachusetts.....	10	138	3.6	49.3	35.4	71.8	.362	17.85	12.79
New Hampshire.....	4	35	5.2	51.9	54.5	105.0	.343	17.80	18.71
New Jersey.....	3	48	5.7	47.1	52.7	111.9	.475	22.37	25.01
New York.....	2	23	4.3	53.6	42.8	79.9	.390	20.90	16.68
Pennsylvania.....	7	49	5.2	54.0	49.0	90.7	.383	20.68	18.78
Rhode Island.....	6	49	4.5	48.0	35.7	74.4	.356	17.09	12.69
Vermont.....	3	23	4.7	57.1	50.4	88.3	.324	18.50	16.31
Southern district.....	6	57	4.5	55.4	43.8	79.1	.238	13.19	10.40
Total.....	59	503	4.4	51.4	42.3	82.3	.357	18.35	15.09
Card tenders, female:									
Maine.....	6	13	4.4	53.8	37.0	68.8	.291	15.66	10.78
Massachusetts.....	3	48	5.7	48.0	44.6	92.9	.301	14.45	13.40
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	2	12	5.8	46.5	42.6	91.6	.405	18.83	17.24
Rhode Island.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	14	83	5.4	49.3	42.9	87.0	.312	15.38	13.28
Card strippers, male:									
Connecticut.....	5	19	3.9	49.9	37.1	74.3	.332	19.06	14.19
Maine.....	11	38	5.0	54.0	48.0	88.9	.375	20.25	18.00
Massachusetts.....	12	83	3.9	48.0	35.4	73.8	.418	20.06	14.78
New Hampshire.....	4	25	5.3	52.1	53.2	102.1	.351	18.29	18.65
New Jersey.....	3	36	5.8	49.9	49.8	99.8	.508	25.35	25.26
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	7	21	5.2	54.1	47.9	88.5	.428	23.15	20.52
Rhode Island.....	6	21	4.6	48.0	37.2	77.5	.389	18.67	14.45
Vermont.....	2	14	5.1	52.9	51.4	97.2	.340	17.99	17.47
Southern district.....	5	21	4.5	55.9	45.0	80.5	.250	13.98	11.27
Total.....	56	282	4.6	50.9	43.3	85.1	.398	20.26	17.21
Card grinders, male:									
Massachusetts.....	5	17	4.8	48.0	41.4	86.3	.412	19.78	17.08
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	3	8	5.4	48.0	42.1	87.7	.477	22.90	20.08
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	12	33	5.1	49.6	44.8	90.3	.437	21.68	19.56
Gill-box tenders, male:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	3	368	3.1	51.1	27.2	53.2	.300	18.40	9.80
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	3	51	5.5	48.9	43.8	89.6	.376	18.39	16.46
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	13	494	3.7	51.4	32.4	63.0	.348	17.89	11.28

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours worked per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Gill-box tenders, female:									
Massachusetts.....	5	142	3.9	48.0	31.9	66.5	\$0.314	\$15.07	\$10.08
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	3	45	5.2	46.7	37.4	80.1	.353	16.49	13.20
New York.....	2	30	4.5	50.2	37.7	75.1	.249	12.50	9.39
Pennsylvania.....	5	128	5.3	54.0	47.1	87.2	.264	14.26	12.44
Rhode Island.....	4	123	4.4	48.0	33.8	70.4	.314	15.07	10.60
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	22	527	4.7	50.1	38.6	77.0	.289	14.48	11.14
Comber tenders, male:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	5	249	2.9	49.1	24.7	50.3	.401	19.09	9.92
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	2	3	5.7	54.0	50.7	93.9	.349	18.85	17.70
Rhode Island.....	3	40	5.1	48.0	38.9	81.0	.444	21.31	17.26
Total.....	14	321	3.4	49.3	28.9	58.6	.404	19.92	11.69
Comber tenders, female:									
Massachusetts.....	3	15	4.0	48.0	35.5	74.0	.280	13.44	9.94
New Jersey.....	3	41	5.7	46.4	33.2	93.1	.358	16.61	15.48
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	5	66	4.6	54.0	37.6	69.6	.296	15.98	11.13
Rhode Island.....	2	19	4.6	48.0	35.9	74.8	.349	16.75	12.63
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	15	151	4.9	50.4	39.6	78.6	.317	15.98	12.56
Drawing-frame tenders, male:									
Massachusetts.....	5	100	4.1	48.5	37.1	76.5	.356	17.27	13.19
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	2	18	5.7	49.3	45.3	91.9	.432	21.30	19.58
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	10	139	4.4	49.3	39.1	79.3	.349	17.21	13.65
Drawing-frame tenders, female:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	5	858	4.4	48.0	34.6	72.1	.333	15.98	11.49
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	3	252	5.6	46.8	41.7	89.1	.361	16.89	15.02
New York.....	3	84	4.4	49.7	37.6	75.7	.253	12.87	9.53
Pennsylvania.....	6	257	5.1	54.0	44.0	81.5	.260	14.04	11.46
Rhode Island.....	5	132	4.7	48.0	36.7	76.5	.314	15.07	11.55
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	82	5.3	54.0	51.4	95.2	.200	10.80	10.28
Total.....	27	1,858	4.7	49.6	38.5	77.6	.308	15.28	11.85
Spinners, mule, male:									
Connecticut.....	6	100	3.8	48.8	32.5	66.6	.498	24.30	16.21
Maine.....	11	167	4.8	54.1	44.9	83.0	.502	27.16	22.54
Massachusetts.....	9	352	4.5	49.0	38.2	78.0	.557	27.29	21.24
New Hampshire.....	3	56	5.1	52.7	51.0	96.8	.584	30.78	29.51
New Jersey.....	2	55	5.8	47.1	46.8	99.4	.676	31.84	31.60
New York.....	2	67	3.8	52.1	36.1	69.3	.506	26.36	18.27
Pennsylvania.....	8	103	5.0	54.1	44.4	82.1	.508	27.48	22.57
Rhode Island.....	4	55	3.3	48.0	27.3	56.9	.548	26.30	14.97
Vermont.....	3	71	5.3	54.2	51.8	95.6	.463	25.09	23.99
Southern district.....	5	72	4.1	56.6	40.1	70.8	.284	13.24	9.39
Total.....	53	1,098	4.5	51.3	40.7	79.3	.515	26.42	20.97

Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours worked per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Spinners, mule, female:									
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	4	3.8	56.0	34.5	61.6	\$0.218	\$12.21	\$7.54
Total.....	3	24	5.6	49.3	47.9	97.2	.477	23.52	22.85
Spinners, frame, male:									
Massachusetts.....	5	57	4.1	50.3	41.5	82.5	.394	19.82	16.32
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	12	4.3	55.0	44.6	81.1	.213	11.72	9.51
Total.....	10	144	5.1	52.8	52.5	99.4	.327	17.27	17.17
Spinners, frame, female:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	6	541	4.9	48.0	38.9	81.0	.388	18.62	15.10
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	2	113	5.1	46.1	40.0	86.8	.389	17.93	15.54
New York.....	3	55	4.4	50.1	37.9	75.6	.261	13.08	9.87
Pennsylvania.....	4	127	5.2	54.0	45.2	83.7	.248	13.39	11.22
Rhode Island.....	5	131	5.0	48.0	39.1	81.5	.330	15.84	12.90
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	51	5.5	54.3	49.8	91.7	.249	13.52	12.40
Total.....	25	1,145	4.9	49.4	40.6	82.2	.340	16.80	13.80
Doffers, male:									
Massachusetts.....	2	13	4.0	48.0	34.9	72.7	.315	15.12	11.00
Rhode Island.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	10	5.2	54.3	46.1	84.9	.152	8.25	7.03
Total.....	6	36	5.0	51.9	45.4	87.5	.243	12.61	11.05
Doffers, male:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	4	215	3.8	48.0	30.4	63.3	.319	15.31	9.71
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	2	43	4.8	49.9	40.0	80.2	.207	10.33	8.27
Pennsylvania.....	4	119	4.8	54.0	41.2	76.3	.195	10.53	8.05
Rhode Island.....	5	90	4.7	48.0	37.1	77.3	.254	12.19	9.42
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	24	5.4	54.4	47.2	86.8	.156	8.49	7.37
Total.....	21	572	4.4	50.2	36.5	72.7	.248	12.45	9.03
Winders, yarn, male:									
Connecticut.....	2	4	2.5	49.5	24.1	48.7	.272	13.46	6.55
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	4	16	5.2	55.3	50.0	90.4	.338	18.69	16.93
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	4	10	3.2	50.4	30.0	59.5	.466	23.49	13.96
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	1	3	5.3	59.0	59.0	100.0	.181	10.68	10.68
Total.....	16	110	5.1	57.4	57.3	99.8	.292	16.76	16.71
Winders, yarn, female:									
Connecticut.....	3	13	3.0	50.8	28.5	56.1	.284	14.43	8.10
Maine.....	9	31	4.9	53.5	41.2	77.0	.287	15.35	11.85
Massachusetts.....	10	898	5.1	48.0	39.8	82.9	.318	15.26	12.66
New Hampshire.....	3	205	4.3	54.0	38.1	70.6	.287	15.50	10.92
New Jersey.....	3	228	5.6	47.4	44.2	93.2	.371	17.59	16.40
New York.....	3	84	3.2	49.1	25.0	50.9	.277	13.60	6.92
Pennsylvania.....	13	184	4.4	53.5	38.8	72.5	.251	13.43	9.72
Rhode Island.....	12	326	5.2	47.6	41.4	87.0	.329	15.66	13.64
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	6	45	3.3	55.3	30.9	55.9	.205	11.34	6.35
Total.....	63	2,117	4.9	49.5	40.1	81.0	.310	15.35	12.44

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours worked per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Twister tenders, male:									
Connecticut.....	2	4	4.0	52.0	42.2	81.2	\$0.276	\$14.35	\$8.88
Maine.....	5	7	3.6	52.9	30.4	57.5	.262	13.86	7.97
Massachusetts.....	3	23	4.7	55.9	52.5	92.3	.379	21.87	19.87
New Hampshire.....	3	5	3.6	52.8	32.2	61.0	.439	25.82	15.73
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	2	3	4.7	52.0	38.3	73.7	.422	21.94	16.17
Rhode Island.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	2	34	5.8	61.1	69.9	114.4	.274	16.74	19.15
Total.....	19	91	5.1	55.7	53.6	96.2	.329	18.33	17.62
Twister tenders, female:									
Connecticut.....	3	15	3.3	52.7	34.0	64.5	.293	15.44	9.97
Maine.....	7	36	4.3	53.1	37.6	70.8	.261	13.33	9.43
Massachusetts.....	11	493	4.7	48.0	36.4	75.8	.314	15.07	11.43
New Hampshire.....	2	21	4.2	54.0	37.8	70.0	.296	15.98	11.17
New Jersey.....	4	151	4.9	46.3	38.7	83.6	.374	17.32	11.48
New York.....	4	64	4.4	49.8	37.8	75.9	.298	14.84	11.24
Pennsylvania.....	13	268	4.8	53.8	40.8	75.8	.259	13.93	10.59
Rhode Island.....	10	232	5.1	48.0	40.3	84.0	.326	15.65	13.12
Vermont.....	2	51	5.6	53.8	50.6	94.1	.261	14.04	13.21
Southern district.....	3	53	4.4	54.2	40.2	74.2	.292	15.83	11.74
Total.....	59	1,384	4.8	49.8	38.9	78.1	.306	15.19	11.88
Spooler tenders, male:									
Connecticut.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	3	11	3.0	48.0	25.5	53.1	.331	15.89	8.43
Spooler tenders, female:									
Connecticut.....	7	71	3.4	49.7	29.4	59.2	.272	13.52	8.01
Maine.....	11	101	3.9	53.8	30.9	57.4	.345	18.72	10.76
Massachusetts.....	13	493	4.5	45.0	35.1	73.1	.304	14.59	10.69
New Hampshire.....	4	79	3.5	54.1	27.6	51.0	.335	18.12	9.26
New Jersey.....	4	86	4.8	45.3	32.2	79.1	.380	13.85	14.53
New York.....	3	31	3.3	49.2	28.3	53.5	.285	14.02	7.48
Pennsylvania.....	8	42	4.8	51.7	35.3	74.1	.325	16.80	12.47
Rhode Island.....	10	159	3.9	48.0	31.1	64.8	.304	14.59	9.47
Vermont.....	3	86	5.6	53.9	50.4	93.5	.251	13.53	12.67
Southern district.....	6	40	4.3	56.2	37.6	66.9	.181	10.17	6.79
Total.....	69	1,218	4.3	49.8	34.6	69.5	.304	15.14	10.52
Creelers, male:									
Massachusetts.....	2	48	4.9	48.0	41.8	87.1	.309	14.83	12.91
Pennsylvania.....	2	9	4.3	54.0	39.6	73.3	.308	16.63	12.21
Total.....	4	57	4.8	48.9	41.5	84.9	.309	15.11	12.80
Creelers, female:									
Massachusetts.....	2	28	3.4	48.0	27.4	57.1	.317	15.22	8.68
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	2	22	5.2	48.0	41.9	87.3	.255	12.24	10.66
Total.....	6	62	4.3	48.5	35.0	72.2	.297	14.40	10.39
Dresser tenders, male:									
Connecticut.....	7	46	2.8	49.1	25.6	52.1	.469	23.03	11.90
Maine.....	11	30	5.3	53.9	47.0	87.2	.485	26.14	22.89
Massachusetts.....	13	183	5.2	48.5	44.0	90.7	.611	29.63	26.85
New Hampshire.....	4	23	5.0	51.9	44.5	85.7	.544	28.23	24.21
New Jersey.....	4	36	5.0	49.1	52.6	107.1	.591	29.02	31.05
New York.....	4	24	4.3	50.4	37.9	75.2	.543	27.37	20.69
Pennsylvania.....	10	52	4.2	51.6	37.6	72.9	.739	33.13	27.76
Rhode Island.....	12	91	4.5	48.0	37.4	77.9	.554	26.59	20.71
Vermont.....	3	34	4.8	53.9	42.0	77.9	.502	27.06	21.10
Southern district.....	6	28	4.6	56.6	43.3	76.5	.263	14.89	11.39
Total.....	74	517	4.6	50.2	40.9	81.5	.562	28.21	22.97

1 Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Dresser tenders, female:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	2	8	4.6	55.5	43.3	78.0	\$0.213	\$11.82	\$9.19
Total.....	6	70	5.5	49.5	47.6	96.2	.456	22.57	21.73
Tiers-in, hand, male:									
Massachusetts.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	2	9	5.9	50.1	48.0	95.8	.541	27.10	25.96
Tiers-in, hand, female:									
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	2	5	5.0	48.0	44.0	91.7	.501	24.05	22.06
Total.....	3	7	4.1	49.7	35.7	71.8	.478	23.76	17.05
Tiers-in, machine, male:									
Massachusetts.....	3	4	5.3	48.0	49.1	102.3	.500	24.00	24.54
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rhode Island.....	2	2	3.0	48.0	23.9	49.8	.436	20.93	10.42
Total.....	7	9	5.0	49.3	46.2	93.9	.483	23.81	22.36
Drawers-in, hand, male:									
Maine.....	3	3	3.0	53.3	21.9	41.1	.424	22.60	9.29
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	5	15	4.3	50.7	36.5	72.0	.623	31.59	22.76
Southern district.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	10	24	4.5	51.0	38.4	75.3	.580	29.58	22.29
Drawers-in, hand, female:									
Connecticut.....	8	48	3.7	50.0	28.0	56.0	.399	19.95	11.17
Maine.....	12	51	4.5	53.8	35.3	65.6	.422	22.70	14.89
Massachusetts.....	14	182	5.0	48.0	37.4	77.9	.421	20.21	15.74
New Hampshire.....	4	37	4.7	52.9	39.9	75.4	.363	19.47	14.65
New Jersey.....	4	44	5.3	48.7	52.5	107.8	.491	23.91	25.77
New York.....	2	29	3.9	48.2	15.5	32.2	.378	18.22	5.86
Pennsylvania.....	7	30	5.2	51.6	43.6	84.5	.438	22.60	19.13
Rhode Island.....	14	131	4.7	48.0	37.4	77.9	.475	22.80	17.79
Vermont.....	3	23	5.5	53.6	48.0	89.6	.383	20.53	18.35
Southern district.....	6	33	5.1	56.5	47.7	84.4	.273	15.42	13.02
Total.....	74	608	4.8	49.8	38.0	76.3	.423	21.07	16.06
Loom fixers, male:									
Connecticut.....	8	26	4.4	49.4	40.5	82.0	.641	31.67	25.96
Maine.....	12	53	5.3	54.0	47.3	87.6	.634	34.24	30.03
Massachusetts.....	14	212	5.0	49.9	44.4	89.0	.714	35.63	31.69
New Hampshire.....	4	37	5.2	53.2	47.9	90.0	.560	29.79	26.82
New Jersey.....	4	45	5.3	58.7	56.8	96.8	.827	45.54	46.94
New York.....	4	38	4.0	50.9	35.0	68.8	.586	29.83	20.53
Pennsylvania.....	11	32	5.3	52.2	49.9	96.6	.768	40.09	38.35
Rhode Island.....	12	98	4.9	48.5	42.0	86.6	.709	34.39	29.73
Vermont.....	3	22	5.5	55.2	53.7	97.3	.575	31.74	30.90
Southern district.....	7	26	4.9	56.7	47.9	84.5	.329	18.65	15.73
Total.....	79	594	5.0	51.6	45.5	88.2	.676	34.88	30.72
Weavers, male:									
Connecticut.....	8	262	4.0	49.3	38.0	77.1	.522	25.73	19.83
Maine.....	12	364	4.8	54.1	42.0	77.6	.474	25.64	19.91
Massachusetts.....	14	875	4.8	50.9	42.7	83.9	.472	24.02	20.15
New Hampshire.....	4	141	5.0	50.9	42.7	83.9	.510	25.96	21.74
New Jersey.....	4	300	5.0	53.1	48.5	91.3	.536	28.46	26.00

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Weavers, male—Continued									
New York.....	4	93	4.3	50.6	38.6	76.3	\$0.457	\$23.12	\$17.65
Pennsylvania.....	11	269	5.1	52.4	47.3	90.3	.547	28.66	25.85
Rhode Island.....	13	641	4.7	48.2	40.6	84.2	.686	28.25	23.81
Vermont.....	3	176	5.2	53.8	48.2	89.6	.418	22.49	20.11
Southern district.....	7	170	4.5	57.0	44.4	77.9	.269	15.33	11.92
Total.....	80	3,291	4.8	51.4	43.0	83.7	.497	25.55	21.38
Weavers, female:									
Connecticut.....	5	22	3.5	50.2	30.8	61.4	.413	20.73	12.72
Maine.....	8	81	3.8	54.0	33.9	62.8	.417	22.52	14.14
Massachusetts.....	12	191	5.4	48.0	43.0	89.6	.419	20.11	18.03
New Hampshire.....	3	50	5.1	52.2	44.8	85.8	.895	20.62	17.69
New Jersey.....	4	209	5.5	58.3	54.0	92.6	.632	31.19	28.88
New York.....	3	153	4.5	49.8	37.2	74.7	.431	21.45	16.05
Pennsylvania.....	7	42	4.7	50.2	42.2	84.1	.441	22.14	18.60
Rhode Island.....	6	142	5.5	48.1	44.0	91.5	.632	25.59	23.42
Vermont.....	3	68	5.1	54.6	45.0	82.4	.808	20.09	16.53
Southern district.....	7	124	4.3	56.6	40.6	71.7	.240	13.58	9.76
Total.....	58	1,082	4.9	52.4	43.4	82.8	.440	23.06	19.12
Cloth inspectors, male:									
Connecticut.....	7	12	4.3	49.5	37.6	76.0	.524	25.94	19.72
Maine.....	8	13	6.0	53.8	54.6	101.5	.496	24.79	27.16
Massachusetts.....	10	173	5.0	48.0	38.4	80.0	.463	22.22	17.78
New Hampshire.....	4	17	3.6	53.3	24.7	46.3	.427	22.76	10.55
New Jersey.....	3	9	6.0	62.6	62.1	99.2	.544	34.05	33.80
New York.....	4	10	4.3	51.3	37.1	72.3	.497	25.50	18.41
Pennsylvania.....	6	8	4.1	53.1	31.4	59.1	.520	27.61	16.32
Rhode Island.....	9	56	4.7	48.0	38.2	79.6	.499	23.95	19.05
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	3	6	4.3	56.7	37.5	66.1	.216	12.25	8.10
Total.....	55	318	4.9	49.7	39.4	79.3	.470	23.35	18.52
Cloth inspectors, female:									
Maine.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Massachusetts.....	5	18	5.0	48.0	38.8	80.8	.345	16.56	13.37
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	2	8	4.4	53.6	39.8	74.3	.464	24.87	18.45
Rhode Island.....	4	27	4.7	48.0	40.6	84.6	.336	16.13	13.66
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	3	13	4.8	56.5	48.9	83.0	.216	12.20	10.15
Total.....	18	86	5.0	51.0	43.7	85.7	.333	16.98	14.55
Burlers, female:									
Connecticut.....	8	118	3.3	49.3	26.9	54.6	.303	14.94	8.15
Maine.....	11	149	4.3	53.9	35.2	65.3	.342	18.43	12.03
Massachusetts.....	13	689	4.9	48.0	37.0	77.1	.278	13.34	10.28
New Hampshire.....	3	276	3.6	54.0	27.6	51.1	.270	14.58	7.44
New Jersey.....	4	278	5.8	48.5	44.6	92.0	.894	19.11	17.53
New York.....	4	148	4.0	49.6	31.7	63.9	.267	12.75	8.14
Pennsylvania.....	11	178	4.7	52.3	35.7	68.3	.262	13.70	9.35
Rhode Island.....	13	380	4.6	48.0	37.0	77.1	.326	15.65	12.04
Vermont.....	3	129	6.1	53.9	57.2	106.1	.234	12.61	13.39
Southern district.....	7	110	4.3	56.4	37.0	65.6	.153	8.63	5.65
Total.....	77	2,455	4.7	50.2	36.8	73.3	.294	14.76	10.82
Menders, female:									
Connecticut.....	7	78	3.8	49.9	34.3	68.7	.338	16.87	11.56
Maine.....	11	171	4.8	53.9	42.0	77.9	.344	18.54	14.47
Massachusetts.....	14	730	4.1	48.0	31.0	64.6	.388	18.62	12.06
New Hampshire.....	4	49	5.3	51.8	48.1	92.9	.367	19.01	17.68
New Jersey.....	4	124	5.7	48.8	51.8	106.1	.450	21.96	23.35
New York.....	4	154	3.3	49.6	26.2	52.8	.380	18.35	9.96
Pennsylvania.....	11	132	4.7	52.0	36.1	69.4	.449	22.35	16.21

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Menders, female—Continued									
Rhode Island.....	14	427	4.4	48.0	35.8	74.6	\$0.415	\$19.92	\$14.85
Vermont.....	3	130	5.8	53.9	54.5	101.1	.243	13.10	13.21
Southern district.....	4	98	4.6	56.6	41.7	73.7	.180	10.19	7.52
Total.....	76	2,093	4.4	49.8	36.6	73.5	.371	18.48	13.57
Perchers, male:									
Connecticut.....	4	5	3.8	51.2	35.4	69.1	.521	26.68	18.46
Maine.....	10	24	4.6	53.9	41.5	77.0	.411	22.15	17.05
Massachusetts.....	14	144	5.3	48.0	41.1	85.6	.603	24.14	20.68
New Hampshire.....	3	33	5.4	53.1	31.4	59.1	.408	21.66	12.83
New Jersey.....	3	13	5.5	50.3	49.3	98.0	.493	24.80	24.29
New York.....	4	33	3.2	49.7	24.7	49.7	.403	20.03	9.97
Pennsylvania.....	9	16	5.5	52.6	50.2	95.4	.535	28.14	26.88
Rhode Island.....	12	69	5.3	48.0	44.8	93.3	.450	21.60	20.12
Vermont.....	3	14	6.6	53.9	63.5	117.8	.439	23.66	27.91
Southern district.....	6	16	5.0	55.9	47.9	85.7	.264	14.76	12.63
Total.....	68	367	5.1	49.9	41.2	82.6	.460	22.95	18.96
Perchers, female:									
Connecticut.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Maine.....	5	61	5.2	54.0	46.0	85.2	.258	13.93	11.86
Massachusetts.....	4	53	4.7	48.0	36.6	76.3	.392	18.82	14.37
New Jersey.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New York.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	2	6	3.8	51.0	31.0	60.8	.304	15.50	9.42
Rhode Island.....	3	14	4.6	48.0	36.5	76.0	.367	17.62	13.39
Total.....	17	158	4.9	50.6	40.3	79.6	.336	17.00	13.56
Fullers, male:									
Connecticut.....	8	24	4.2	49.5	40.3	81.4	.418	20.69	16.82
Maine.....	8	19	5.6	54.0	56.8	105.2	.373	20.14	21.16
Massachusetts.....	14	49	4.6	48.0	44.6	92.9	.387	18.58	17.28
New Hampshire.....	4	10	5.3	51.6	42.6	82.6	.367	18.94	15.65
New Jersey.....	4	25	5.4	48.2	52.2	108.3	.468	22.56	24.45
New York.....	4	15	4.7	51.4	47.1	91.6	.390	20.05	18.36
Pennsylvania.....	7	12	4.7	52.2	50.7	97.1	.460	24.01	23.32
Rhode Island.....	10	41	5.2	48.0	46.4	96.7	.388	18.62	18.00
Vermont.....	3	6	6.0	57.7	57.9	100.3	.353	20.37	20.45
Southern district.....	6	11	4.6	56.0	48.5	86.6	.255	14.28	12.34
Total.....	68	212	4.9	50.1	47.4	94.6	.395	19.79	18.73
Washer tenders, cloth, male:									
Connecticut.....	8	23	4.3	49.7	42.6	85.7	.404	20.06	17.20
Maine.....	11	42	5.1	54.1	53.6	99.1	.365	19.75	19.56
Massachusetts.....	14	72	4.6	48.5	41.0	84.5	.414	20.06	16.97
New Hampshire.....	4	8	4.9	52.5	42.1	80.2	.330	17.33	13.90
New Jersey.....	4	47	5.4	48.0	50.1	104.4	.486	23.33	24.31
New York.....	4	22	3.9	51.3	39.9	77.8	.384	19.70	15.34
Pennsylvania.....	7	14	3.9	52.8	40.5	76.7	.451	23.81	18.24
Rhode Island.....	11	75	5.3	48.0	45.4	94.6	.400	19.20	18.15
Vermont.....	3	11	6.2	58.4	64.9	111.1	.338	19.74	21.94
Southern district.....	6	18	5.3	56.1	58.0	103.4	.239	13.41	13.87
Total.....	72	332	4.9	50.3	46.6	92.6	.397	19.97	18.49
Dryer tenders, cloth, male:									
Connecticut.....	8	19	5.3	49.5	53.4	107.9	.384	19.01	20.50
Maine.....	12	40	4.6	54.7	46.3	84.6	.352	19.25	16.31
Massachusetts.....	14	48	5.0	48.5	45.7	94.2	.371	17.99	16.92
New Hampshire.....	4	5	4.6	52.8	43.2	81.8	.344	18.16	14.84
New Jersey.....	4	26	5.8	50.2	56.5	112.5	.454	22.79	25.67
New York.....	4	12	4.2	52.0	43.6	83.8	.395	20.54	17.25
Pennsylvania.....	8	14	4.4	52.1	48.4	92.9	.421	21.93	20.40
Rhode Island.....	11	24	5.4	48.0	48.3	100.6	.376	18.05	18.16

¹ Data included in total.

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
Dryer tenders, cloth, male—Con.									
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Southern district.....	6	19	5.3	55.7	50.7	91.0	\$0.247	\$13.76	\$12.52
Total.....	72	209	5.0	51.2	48.7	95.1	.373	19.10	18.16
Truckers, male:									
Connecticut.....	9	37	4.1	50.2	36.5	72.7	.888	19.48	14.14
Maine.....	12	36	4.4	54.0	40.5	75.0	.367	19.82	14.84
Massachusetts.....	14	800	4.6	48.4	37.6	77.7	.357	17.28	13.40
New Hampshire.....	4	111	5.1	53.2	45.2	85.0	.301	16.01	13.61
New Jersey.....	3	124	5.6	48.9	50.0	102.2	.431	21.08	21.55
New York.....	4	28	4.1	51.8	35.0	67.6	.390	20.20	13.66
Pennsylvania.....	15	63	4.9	53.6	43.1	80.4	.343	18.38	14.79
Rhode Island.....	15	218	5.2	48.0	42.8	89.2	.347	16.66	14.86
Vermont.....	2	80	5.8	54.6	57.5	105.3	.313	17.09	18.00
Southern district.....	7	50	4.8	55.0	45.5	82.7	.206	11.33	9.35
Total.....	85	1,597	4.8	49.9	41.3	82.8	.351	17.51	14.51
Truckers, female:									
Massachusetts.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Hampshire.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Vermont.....	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Total.....	4	38	5.5	53.8	49.0	91.1	.197	10.60	9.65
Dye-house laborers, male:									
Connecticut.....	7	27	3.9	49.1	36.1	73.5	.405	19.89	14.60
Maine.....	12	70	4.6	53.9	43.2	80.1	.349	18.81	15.10
Massachusetts.....	14	279	3.8	48.4	35.7	73.8	.332	18.49	13.65
New Hampshire.....	4	33	3.8	53.4	39.0	73.0	.360	19.22	14.05
New Jersey.....	4	78	4.9	48.7	51.3	105.3	.457	22.26	22.43
New York.....	4	32	4.3	51.3	41.6	81.1	.332	19.60	15.39
Pennsylvania.....	5	21	5.4	54.0	50.7	93.9	.433	23.38	21.94
Rhode Island.....	9	117	4.2	48.5	35.8	73.8	.396	19.21	14.18
Vermont.....	3	22	6.3	52.7	68.3	129.6	.318	16.76	21.69
Southern district.....	5	41	4.6	56.1	43.9	78.3	.222	12.45	9.75
Total.....	67	745	4.2	50.2	40.4	80.5	.379	19.03	15.31
Other employees, male:									
Connecticut.....	9	260	4.5	49.8	42.0	84.3	.491	24.45	20.59
Maine.....	12	499	5.3	54.2	51.5	95.0	.429	23.25	22.06
Massachusetts.....	14	3,221	4.9	48.8	42.5	87.1	.448	21.86	19.05
New Hampshire.....	4	394	5.2	53.3	47.1	88.4	.368	19.61	17.35
New Jersey.....	4	933	5.6	48.8	52.4	107.4	.521	25.42	27.28
New York.....	4	336	4.7	51.2	42.4	82.8	.446	22.84	18.91
Pennsylvania.....	18	654	5.1	53.5	45.1	84.3	.428	22.90	19.27
Rhode Island.....	15	1,267	5.2	48.0	44.0	91.7	.442	21.22	19.46
Vermont.....	3	213	5.8	55.8	60.5	108.4	.365	20.37	22.07
Southern district.....	8	276	5.0	55.6	48.8	87.8	.271	15.07	13.23
Total.....	91	8,053	5.1	50.2	45.6	90.8	.441	22.14	20.11
Other employees, female:									
Connecticut.....	5	38	3.0	48.9	25.0	51.1	.237	11.59	5.93
Maine.....	12	64	4.5	53.9	35.2	65.3	.295	15.90	10.38
Massachusetts.....	14	737	4.3	48.0	33.7	70.2	.288	13.82	9.69
New Hampshire.....	4	175	4.8	53.7	39.9	74.3	.256	13.75	10.22
New Jersey.....	4	528	5.6	48.2	46.1	95.6	.379	18.27	17.48
New York.....	4	33	4.5	49.5	33.8	68.3	.429	21.24	14.51
Pennsylvania.....	16	283	4.9	53.8	42.5	79.0	.280	15.06	11.91
Rhode Island.....	12	285	4.4	48.0	35.7	74.4	.316	15.17	11.26
Vermont.....	2	20	6.2	53.8	57.3	106.5	.232	12.48	13.29
Southern district.....	7	109	5.6	55.1	52.0	94.4	.208	11.46	10.83
Total.....	80	2,272	4.8	49.8	39.4	79.1	.308	15.34	12.13

¹ Data included in total

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

Occupation, sex, and State	Number of establishments	Number of wage earners	Average days on which wage earners worked in 1 week	Average full-time hours per week	Average hours actually worked in 1 week	Percent of full time actually worked	Average earnings per hour	Average full-time earnings per week	Average actual earnings in 1 week
All employees, male:									
Connecticut.....	9	928	4.1	49.5	38.1	77.0	\$0.480	\$23.76	\$18.30
Maine.....	12	1,613	4.8	54.1	45.3	83.7	.428	23.70	19.85
Massachusetts.....	14	7,817	4.6	49.1	39.5	80.4	.450	22.10	17.81
New Hampshire.....	4	1,104	5.0	52.9	45.3	85.6	.407	21.63	18.44
New Jersey.....	4	1,869	5.5	49.6	51.0	102.8	.523	25.94	26.68
New York.....	4	794	4.3	51.2	39.6	77.3	.452	23.14	17.92
Pennsylvania.....	18	1,496	5.0	53.2	45.4	85.3	.472	25.11	21.45
Rhode Island.....	15	3,033	4.9	48.1	41.7	86.7	.474	22.80	19.77
Vermont.....	3	868	5.6	55.7	57.1	102.5	.364	20.27	20.77
Southern district.....	8	885	4.7	56.0	46.0	82.1	.255	14.28	11.72
Total.....	91	20,407	4.8	50.6	43.1	85.2	.447	22.62	19.26
All employees, female:									
Connecticut.....	8	404	3.4	49.7	29.3	59.0	.316	15.71	9.27
Maine.....	12	835	4.3	53.8	36.4	67.7	.336	18.08	12.23
Massachusetts.....	14	6,382	4.6	48.0	35.6	74.2	.332	15.94	11.83
New Hampshire.....	4	1,212	4.4	53.5	37.1	69.3	.289	15.46	10.74
New Jersey.....	4	2,222	5.5	48.7	45.1	92.6	.409	19.92	18.43
New York.....	4	934	4.0	49.6	32.6	65.7	.319	15.82	10.40
Pennsylvania.....	18	1,897	4.9	53.4	41.2	77.2	.278	14.85	11.47
Rhode Island.....	15	2,672	4.7	48.0	37.5	78.1	.354	16.99	13.27
Vermont.....	3	700	5.8	54.0	53.1	98.3	.263	14.20	13.99
Southern district.....	8	844	4.8	55.5	43.8	78.9	.211	11.71	9.22
Total.....	90	18,102	4.7	50.0	38.5	77.0	.327	16.35	12.89
All employees:									
Connecticut.....	9	1,332	3.9	49.6	35.4	71.4	.439	21.77	15.56
Maine.....	12	2,448	4.7	54.0	42.3	78.3	.408	22.03	17.25
Massachusetts.....	14	14,199	4.6	48.6	37.8	77.8	.400	19.44	15.12
New Hampshire.....	4	2,316	4.7	53.2	41.0	77.1	.351	18.67	14.41
New Jersey.....	4	4,081	5.5	49.1	47.8	97.4	.465	22.83	22.20
New York.....	4	1,728	4.2	50.4	35.8	71.0	.387	19.50	13.86
Pennsylvania.....	18	3,393	4.9	53.3	43.1	80.9	.368	19.61	15.87
Rhode Island.....	15	5,705	4.8	48.0	39.7	82.7	.421	20.21	16.73
Vermont.....	3	1,568	5.7	54.9	55.3	100.7	.321	17.62	17.74
Southern district.....	8	1,729	4.7	55.7	44.9	80.6	.234	13.03	10.50
Total.....	91	38,509	4.8	50.3	40.9	81.3	.394	19.82	16.13

¹ Data included in total.

TABLE B.—Average and classified earnings per hour in 13 specified occupations, 1932, by sex and State

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—																					
				Under 8 cts.	8, under 10 cts.	10, under 12 cts.	12, under 14 cts.	14, under 16 cts.	16, under 18 cts.	18, under 20 cts.	20, under 25 cts.	25, under 30 cts.	30, under 35 cts.	35, under 40 cts.	40, under 45 cts.	45, under 50 cts.	50, under 60 cts.	60, under 70 cts.	70, under 80 cts.	80, under 90 cts.	90 cts., under \$1.00	\$1.00, under \$1.10	\$1.10, under \$1.25	\$1.25 and over	
Wool sorters, male:																									
Connecticut.....	1	3	\$0.632															3							
Maine.....	4	39	.545																						
Massachusetts.....	6	191	.675															1	150	20	20				
New Hampshire.....	2	59	.596															1	22	20	9				
New Jersey.....	2	25	.643															4	5	20					
New York.....	2	13	.592															1	5	12					
Pennsylvania.....	5	57	.558															3	24	20	9				
Rhode Island.....	2	52	.678																	49	1	2			
Southern district.....	1	3	.380																						
Total.....	25	442	.632															4	7	5	8	52	274	90	2
Wool sorters, female:																									
Maine.....	1	7	.300																						
Massachusetts.....	2	49	.608																						
New Jersey.....	2	12	.579																						
Southern district.....	2	24	.197																						
Total.....	7	92	.362						3	6	15							3	7	18	31	2			
Card tenders, male:																									
Connecticut.....	6	31	.361																						
Maine.....	12	50	.329																						
Massachusetts.....	10	138	.362																						
New Hampshire.....	4	35	.343																						
New Jersey.....	3	48	.475																						
New York.....	2	23	.390																						
Pennsylvania.....	7	49	.383																						
Rhode Island.....	6	40	.356																						
Vermont.....	3	23	.324																						
Southern district.....	6	57	.238																						
Total.....	59	503	.357						10	3	9	14	36	124	206	60	15	24							

TABLE B.—Average and classified earnings per hour in 15 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—																				
				Under 8 cts.	8, under 10 cts.	10, under 12 cts.	12, under 14 cts.	14, under 16 cts.	16, under 18 cts.	18, under 20 cts.	20, under 25 cts.	25, under 30 cts.	30, under 35 cts.	35, under 40 cts.	40, under 45 cts.	45, under 50 cts.	50, under 60 cts.	60, under 70 cts.	70, under 80 cts.	80, under 90 cts.	90 cts., under \$1.00	\$1.00, under \$1.10	\$1.10, under \$1.25	\$1.25 and over
Card tenders, female:																								
Maine.....	6	13	\$.291							1	3	9												
Massachusetts.....	3	48	.301							1	1	46												
New Hampshire.....	1	4	.270								4													
New Jersey.....	2	12	.405									3		9										
Rhode Island.....	1	2	.291								2													
Vermont.....	1	4	.285								4													
Total.....	14	83	.312							2	14	58		9										
Drawing-frame tenders, male:																								
Massachusetts.....	5	100	.356								4	62	20		12	1	1							
New Hampshire.....	1	1	.257								1													
New York.....	1	6	.317									6												
Rhode Island.....	2	18	.432								1	10		1										
Southern district.....	1	14	.230								14													
Total.....	10	139	.349							14	6	78	20	1	12	5	2	1						
Drawing-frame tenders, female:																								
Maine.....	1	38	.330									34	4											
Massachusetts.....	5	858	.333							4	91	659	84	15	4	1								
New Hampshire.....	1	137	.287							9	101	24	3											
New Jersey.....	3	252	.361									44	208											
New York.....	3	84	.253							11	73													
Pennsylvania.....	6	257	.260						18	79	100	47	12	1										
Rhode Island.....	5	132	.314								59	70	3											
Vermont.....	1	18	.248								18													
Southern district.....	2	82	.200							52	30													
Total.....	27	1,868	.308						70	151	424	878	314	16	4	1								
Spinners, mule, male:																								
Connecticut.....	6	100	.498								1	2	4	20	16	44	11							
Maine.....	11	167	.502								3	7	15	21	49	44	25	1	2					
Massachusetts.....	9	352	.557							1	2	4	10	22	41	155	101	15	1					
New Hampshire.....	3	56	.584									3	2	7	21	22	1							
New Jersey.....	2	55	.676											2	7	10	36							
New York.....	2	67	.506									3		11	19	27	7							

TABLE B.—Average and classified earnings per hour in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average earnings per hour	Number of wage earners whose earnings per hour were—																				
				Under 8 cts.	8, under 10 cts.	10, under 12 cts.	12, under 14 cts.	14, under 16 cts.	16, under 18 cts.	18, under 20 cts.	20, under 25 cts.	25, under 30 cts.	30, under 35 cts.	35, under 40 cts.	40, under 45 cts.	45, under 50 cts.	50, under 60 cts.	60, under 70 cts.	70, under 80 cts.	80, under 90 cts.	90 cts., under \$1.00	\$1.00, under \$1.10	\$1.10, under \$1.25	\$1.25 and over
Dye-house laborers, male:																								
Connecticut.....	7	27	\$.405											3	3	20		1						
Maine.....	12	70	.349											26	43									
Massachusetts.....	14	279	.382			1		1				4	38	189	33	9		4						
New Hampshire.....	4	58	.360										22	33	1	1								
New Jersey.....	4	78	.457											5	27	36	9	1						
New York.....	4	32	.382										1	21	10									
Pennsylvania.....	5	21	.433							1	1	2	3	5	6	3								
Rhode Island.....	9	117	.396								1	3	63	40	9	1								
Vermont.....	3	22	.318									22												
Southern district.....	5	41	.222				12				18	7	4											
Total.....	67	745	.379			1	12	1			19	13	121	360	136	62	15	5						
Truckers, male:																								
Connecticut.....	9	37	.388										7	8	9	5	2	6						
Maine.....	12	86	.367										6	27	36	11	2	4						
Massachusetts.....	14	800	.357							21	32	349	323	20	37	14	3	1						
New Hampshire.....	4	111	.301							1	2	67	26	7	4									
New Jersey.....	3	124	.431									6	16	44	55	3								
New York.....	4	28	.390								2	6	9	5	5	1								
Pennsylvania.....	15	63	.343							8	7	9	8	13	10	3	4	1						
Rhode Island.....	15	218	.347								18	38	60	56	38	4	4							
Vermont.....	2	80	.313								8	1	64	4	3									
Southern district.....	7	50	.206			1	1	11	6	13	6	10	1	1										
Total.....	85	1,597	.351			1	1	11	6	22	62	172	555	474	140	108	40	4	1					
Truckers, female:																								
Massachusetts.....	1	1	.284										1											
New Hampshire.....	1	1	.266										1											
Pennsylvania.....	1	27	.172						26	1														
Vermont.....	1	9	.243								9													
Total.....	4	38	.197						26	1	9	2												

TABLE C.—Average and classified full-time hours per week in 13 specified occupations, 1932, by sex and State

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—						
				Under 45	45	Over 45, under 54	54	Over 54, under 57	57, under 60	Over 60
Wool sorters, male:										
Connecticut.....	1	(1)	(1)				(1)			
Maine.....	4	39	54.0				39			
Massachusetts.....	6	191	48.0		191					
New Hampshire.....	2	59	53.8		2		57			
New Jersey.....	2	25	48.0		25					
New York.....	2	13	50.1			13				
Pennsylvania.....	5	57	54.0				57			
Rhode Island.....	2	52	48.0		52					
Southern district.....	1	(1)	(1)				(1)			
Total.....	25	442	50.2		270	13	156	3		
Wool sorters, female:										
Maine.....	1	(1)	(1)				(1)			
Massachusetts.....	2	49	48.0		49					
New Jersey.....	2	12	48.0		12					
Southern district.....	2	24	54.1				21	3		
Total.....	7	92	50.1		61		28	3		
Card tenders, male:										
Connecticut.....	6	31	49.4		14	15	2			
Maine.....	12	50	54.6			1	37	10		2
Massachusetts.....	10	133	49.3		124				12	2
New Hampshire.....	4	35	51.9		12		23			
New Jersey.....	3	48	47.1	21	27					
New York.....	2	23	53.6			2	21			
Pennsylvania.....	7	49	54.0			6	36	7		
Rhode Island.....	6	49	48.0		49					
Vermont.....	3	23	57.1			3	5	8		7
Southern district.....	6	57	55.4			7	8	9	33	
Total.....	59	503	51.4	21	226	34	132	34	33	12
Card tenders, female:										
Maine.....	6	13	53.8			1	12			
Massachusetts.....	3	48	48.0		48					
New Hampshire.....	1	(1)	(1)				(1)			
New Jersey.....	2	12	46.5	9	3					
Rhode Island.....	1	(1)	(1)		(1)					
Vermont.....	1	(1)	(1)				(1)			
Total.....	14	83	49.3	9	53	1	20			
Drawing-frame tenders, male:										
Massachusetts.....	5	100	48.5		96					4
New Hampshire.....	1	(1)	(1)				(1)			
New York.....	1	(1)	(1)		(1)					
Rhode Island.....	2	18	49.3		16					2
Southern district.....	1	(1)	(1)				(1)			
Total.....	10	139	49.3		118		1	14		6
Drawing-frame tenders, female:										
Maine.....	1	(1)	(1)				(1)			
Massachusetts.....	5	858	48.0		858					
New Hampshire.....	1	(1)	(1)				(1)			
New Jersey.....	3	252	46.8	154	98					
New York.....	3	84	49.7		17	67				
Pennsylvania.....	6	267	54.0				267			
Rhode Island.....	5	132	48.0		132					
Vermont.....	1	(1)	(1)				(1)			
Southern district.....	2	82	54.0			4	62	16		
Total.....	27	1,858	49.6	154	1,105	71	512	16		
Spinners, mule, male:										
Connecticut.....	6	100	48.8		68	27	5			
Maine.....	11	167	54.1			8	129	30		
Massachusetts.....	9	352	49.0		317			18		13
New Hampshire.....	3	56	52.7		27		21			
New Jersey.....	2	55	47.1	25	30					8

¹ Data included in total.

TABLE C.—Average and classified full-time hours per week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—							
				Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60	Over 60
Spinners, mule, male—Contd.											
New York	2	67	52.1		21		46				
Pennsylvania	8	103	54.1				88	15			
Rhode Island	4	55	48.0		55						
Vermont	3	71	54.2			7	31	33			
Southern district	5	72	56.6					15	57		
Total	53	1,068	51.3	25	518	42	320	111	57	13	12
Spinners, mule, female:											
New Jersey	1	(1)	(1)		(1)						
Southern district	2	4	56.0					2	2		
Total	3	24	49.3		20			2	2		
Spinners, frame, male:											
Massachusetts	5	57	50.3		48						9
New Jersey	1	(1)	(1)	(1)							
Pennsylvania	1	(1)	(1)			(1)	(1)				
Vermont	1	(1)	(1)				(1)				(1)
Southern district	2	12	55.0					12			
Total	10	144	52.8	16	48	13	20	12			35
Spinners, frame, female:											
Maine	1	(1)	(1)				(1)				
Massachusetts	6	541	48.0		541						
New Hampshire	1	(1)	(1)	(1)			(1)				
New Jersey	3	113	46.1	93	20						
New York	2	55	50.1			55					
Pennsylvania	4	127	54.0				127				
Rhode Island	5	131	48.0		131						
Vermont	1	(1)	(1)				(1)				
Southern district	2	51	54.3				37	14			
Total	25	1,145	49.4	101	692	55	263	14			
Dofters, male:											
Massachusetts	2	13	48.0		13						
Rhode Island	1	(1)	(1)		(1)						
Vermont	1	(1)	(1)				(1)				(1)
Southern district	2	10	54.3				7	3			
Total	6	36	51.9		17		13	3			3
Dofters, female:											
Maine	1	(1)	(1)				(1)				
Massachusetts	4	215	48.0		215						
New Hampshire	1	(1)	(1)	(1)			(1)				
New Jersey	1	(1)	(1)		(1)						
New York	2	43	49.9			43					
Pennsylvania	4	119	54.0				119				
Rhode Island	5	90	48.0		90						
Vermont	1	(1)	(1)				(1)				
Southern district	2	24	54.4				14	10			
Total	21	572	50.2	8	310	43	201	10			
Spooler tenders, male:											
Connecticut	1	(1)	(1)		(1)						
Massachusetts	1	(1)	(1)		(1)						
New York	1	(1)	(1)		(1)						
Total	3	11	48.0		11						
Spooler tenders, female:											
Connecticut	7	71	49.7		36	22	13				
Maine	11	101	53.8			8	93				
Massachusetts	13	493	48.0		493						
New Hampshire	4	79	54.1		13		58				8
New Jersey	4	86	48.3		81	5					
New York	3	31	49.2		6	25					

¹ Data included in total.

TABLE C.—Average and classified full-time hours per week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—							
				Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60	Over 60
Spooler tenders, female—Contd.											
Pennsylvania.....	8	42	51.7		16	1	25				
Rhode Island.....	10	189	48.0		159						
Vermont.....	3	86	53.9			3	80	3			
Southern district.....	6	40	56.2					16	24		
Total.....	69	1,218	49.8		834	64	269	19	24		8
Loom fixers, male:											
Connecticut.....	8	26	49.4		16	6	4				
Maine.....	12	58	54.0			2	53	3			
Massachusetts.....	14	212	49.9		177	13				1	21
New Hampshire.....	4	37	53.2		7		29				1
New Jersey.....	4	45	58.7		7	5			16		17
New York.....	4	38	50.9		6	22	10				
Pennsylvania.....	11	32	52.2		8	9	13	2			
Rhode Island.....	12	98	48.5		94					4	
Vermont.....	3	22	55.2			2	13	2		5	
Southern district.....	7	26	56.7					8	15	3	
Total.....	79	594	51.6		315	59	122	15	31	13	39
Weavers, male:											
Connecticut.....	8	262	49.3		179	45	34		4		
Maine.....	12	364	54.1			15	294	55			
Massachusetts.....	14	875	50.9		671	55				14	135
New Hampshire.....	4	141	50.9		72		69				
New Jersey.....	4	300	53.1		131	40			115		14
New York.....	4	93	50.6		16	53	24				
Pennsylvania.....	11	269	52.4		63	65	102	39			
Rhode Island.....	13	641	48.2	16	600			6		19	
Vermont.....	3	176	53.8			31	65	80			
Southern district.....	7	170	57.0					39	107	24	
Total.....	80	3,291	51.4	16	1,732	304	588	219	226	57	149
Weavers, female:											
Connecticut.....	5	22	50.2		6	12	4				
Maine.....	8	81	54.0				81				
Massachusetts.....	12	191	48.0		191						
New Hampshire.....	3	50	52.2		15		35				
New Jersey.....	4	209	58.3			82	10				117
New York.....	3	153	49.8			153					
Pennsylvania.....	7	42	50.2		26	1	15				
Rhode Island.....	6	142	48.1		141					1	
Vermont.....	3	68	54.6			3	40	25			
Southern district.....	7	124	56.6					27	94	3	
Total.....	58	1,082	52.4		461	179	175	52	94	4	117
Burlers, female:											
Connecticut.....	8	118	49.3		78	22	18				
Maine.....	11	149	53.9			10	139				
Massachusetts.....	13	639	48.0		639						
New Hampshire.....	3	276	54.0				276				
New Jersey.....	4	278	48.5		250	28					
New York.....	4	148	49.6		28	120					
Pennsylvania.....	11	178	52.3		51	29	47	51			
Rhode Island.....	13	380	48.0		380						
Vermont.....	3	129	53.9			5	122	2			
Southern district.....	7	110	56.4					65	25	20	
Total.....	77	2,455	50.2		1,476	214	602	118	25	20	
Menders, female:											
Connecticut.....	7	78	49.9		35	27	16				
Maine.....	11	171	53.9			8	163				
Massachusetts.....	14	730	48.0		730						
New Hampshire.....	4	49	51.8		18		31				
New Jersey.....	4	124	48.8		104	20					
New York.....	4	154	49.6		41	113					
Pennsylvania.....	11	132	52.0		39	26	67				

† Data included in total.

TABLE C.—Average and classified full-time hours per week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average full-time hours per week	Number of wage earners whose full-time hours per week were—							
				Under 48	48	Over 48, under 54	54	Over 54, under 57	57, under 60	60	Over 60
Menders, female—Continued											
Rhode Island.....	14	427	48.0		427						
Vermont.....	3	130	53.9			5	123	2			
Southern district.....	4	98	56.6					62	7	29	
Total.....	76	2,093	49.8		1,394	199	400	64	7	29	
Truckers, male:											
Connecticut.....	9	37	50.2		16	11	10				
Maine.....	12	86	54.0			2	81	3			
Massachusetts.....	14	800	48.4		772	3				17	8
New Hampshire.....	4	111	53.2		17		93				1
New Jersey.....	3	124	48.9	22	92				2		8
New York.....	4	28	51.8		6	7	15				
Pennsylvania.....	15	63	53.6		3	4	54	2			
Rhode Island.....	15	218	48.0		218						
Vermont.....	2	80	54.6				68	5	4		3
Southern district.....	7	50	55.0				23	15	12		
Total.....	85	1,597	49.9	22	1,124	27	344	25	18	17	20
Truckers, female:											
Massachusetts.....	1	(1)	(1)		(1)						
New Hampshire.....	1	(1)	(1)				(1)				
Pennsylvania.....	1	(1)	(1)				(1)				
Vermont.....	1	(1)	(1)				(1)				
Total.....	4	38	53.8		1		37				
Dye-house laborers, male:											
Connecticut.....	7	27	49.1		18	6	3				
Maine.....	12	70	53.9			5	65				
Massachusetts.....	14	279	48.4		267	4					8
New Hampshire.....	4	58	53.4		6		52				
New Jersey.....	4	78	48.7		67	11					
New York.....	4	32	51.3		1	22	9				
Pennsylvania.....	5	21	54.0				20	1			
Rhode Island.....	9	117	48.5		105	12		2			
Vermont.....	3	22	52.7			8	12		2		
Southern district.....	5	41	56.1					19	22		
Total.....	67	745	50.2		464	68	161	22	22		8

¹ Data included in total.

TABLE D.—Average and classified hours actually worked in 1 week in 13 specified occupations, 1932, by sex and State

Occupation, sex, and State	Number of establishments	Number of wage earners	Average hours actually worked in 1 week	Number of wage earners whose hours actually worked in 1 week were—																						
				Under 4	4, under 8	8, under 12	12, under 16	16, under 20	20, under 24	24, under 28	28, under 32	32, under 36	36, under 40	40, under 44	44, under 48	48	Over 48, under 52	52, under 54	54	Over 54, under 58	58, under 60	60	Over 60, under 65	65, under 70	70, under 80	80 and over
Wool sorters, male:																										
Connecticut.....	1	3	30.0										3													
Maine.....	4	39	16.3			32	1																			
Massachusetts.....	6	191	22.4	1	7	3	8	95	3	42	7	4														
New Hampshire.....	2	59	34.5			2					1	51	1													
New Jersey.....	2	25	41.2							2																
New York.....	2	13	30.9			6																				
Pennsylvania.....	5	57	42.7								7	15														
Rhode Island.....	2	52	32.5			2	1	7			2	33														
Southern district.....	1	3	30.0								3															
Total.....	25	442	28.7	1	7	45	10	102	3	44	23	103	1	44	19	1	32	1	6							
Wool sorters, female:																										
Maine.....	1	7	51.8											1												
Massachusetts.....	2	49	9.6			30	3	1	15																	
New Jersey.....	2	12	39.5								3			9												
Southern district.....	2	24	49.2			1	2																			
Total.....	7	92	27.0			31	5	1	15				3		1	9										
Card tenders, male:																										
Connecticut.....	6	31	35.4	1		1		2		7	4	2	1	2	2	3	2									
Maine.....	12	50	41.5	1	1	5	3	3	1	2	1	3	1	2	2	1	2									
Massachusetts.....	10	138	35.4	1		6	3	40	5	6	8	4	15	10	7	10	1									
New Hampshire.....	4	35	54.5				1		2																	
New Jersey.....	3	48	52.7					1																		
New York.....	2	23	42.8							2	1	2		6	6	1										
Pennsylvania.....	7	49	49.0		1									6	6	1										
Rhode Island.....	6	49	35.7			4		5		8	2	4	5	4	1	3										
Vermont.....	3	23	50.4					1	1	1	1	2	2	4	4											
Southern district.....	6	57	43.8			3		1		1	6	1	2	6	7											
Total.....	59	503	42.3	3	2	19	7	52	9	28	30	16	37	42	50	18	26	16	12	32	23	5	24	28	24	

WOOLEN AND WORSTED GOODS MANUFACTURING, 1932

Weavers, male:																									
Connecticut	8	262	38.0	1	7	12	7	12	7	24	28	9	22	15	19	16	27	16	9	3	28				
Maine	12	364	42.0	8	9	13	24	25	15	12	19	12	17	8	10	1	12	5	55	64	2	6	3		
Massachusetts	14	875	42.7	1	22	29	20	27	41	32	32	26	41	28	26	263	30	132	14	12	3	7	83		
New Hampshire	4	141	42.7	2	5	5	8	8	2	5	5	7	5	2	5	33	7	14	14	8	1	11	1		
New Jersey	4	300	48.5		3	5	4	6	1	2	4	8	7	25	13	75	14	16		111			6		
New York	4	93	38.6			1	2	4	1	1	2	4	5	2	2		10			3			4		
Pennsylvania	11	269	47.3		1	2	5	9	3	4	5	16	13	3	7	70	16	18	50	7	12	4	19		
Rhode Island	13	641	40.6	3	8	11	15	25	10	21	14	65	55	118	2	207	16	6	25	6	25	9	9		
Vermont	3	176	48.2		1	2	4	5	5	1	4	15	8	8	1		56	53	6	14	3		1		
Southern district	7	170	44.4			2	3	3	4	1	1	6	1	4	28	8	18	3	39		23				
Total	80	3,291	43.0	15	56	84	79	119	89	107	136	160	222	244	98	666	206	263	148	283	30	104	116	43	23
Weavers, female:																									
Connecticut	5	22	30.8			2	6	1		1			4	1	2	1	3		1						
Maine	8	81	33.9		2	3	1	7	1	5	31	3	3	3	2		2		18						
Massachusetts	12	191	43.0		4	3	1	5	2	6	4	11	3	8	2	142									
New Hampshire	3	50	44.8			5	1	2		1	1	2	2	1	1		3	5	25			1			
New Jersey	4	209	54.0		1		1	1	6	6	2	7	6	8	4	49	8	5	1	2			1	102	
New York	3	153	37.2	2	1	5	2	6	4	2	1	11	65	5	5	5	44								
Pennsylvania	7	42	42.2			1	3	2		3		2				4	16			2	1	7	1		
Rhode Island	6	142	44.0	1	4	1	1	1	2	4		7		7		113						1			
Vermont	3	68	45.0		1	2	1	1	4		3	1	4	1	12		16	2	1	19					
Southern district	7	124	40.6			2		2	2	5	21	2	7	52	8		7	3		12		3			
Total	58	1,082	43.4	3	13	24	17	26	21	32	63	43	96	87	40	322	85	16	63	34	4	1	102		
Burlers, female:																									
Connecticut	8	118	26.9	2	5	13	6	19	8	12	9	8	7	23	1	2			5						
Maine	11	149	35.2	1	5	5	6	1	10	13	23	18	7	6	2	5		17	7	23					
Massachusetts	13	699	37.0	1	3	18	19	43	33	29	40	101	79	54	26	243									
New Hampshire	3	276	27.6		39	1	3	21	26	35	47	24	57	14					9						
New Jersey	4	278	44.6			1		11	2	6	19	53	17	25	9	32	99		3			1			
New York	4	148	31.7		3	4	12	40	2	14	9	4	2	5	2	51									
Pennsylvania	11	178	35.7			31	2	20	7	6	5	23	20	16	18	1	2	27							
Rhode Island	13	380	37.0		1	13	14	33	23	30	15	7	1	21	96	9	68	35	15						
Vermont	3	129	57.2			1		1		1		3		3		21	5	3	51	1	1	6	7	3	33
Southern district	7	110	37.0			8	4	1	3	5	33	7	3	14	2		8	2	2	1	6	7	2	1	1
Total	77	2,455	36.8	4	56	63	96	160	136	148	188	193	255	249	87	343	165	115	79	60	7	7	6	34	4
Menders, female:																									
Connecticut	7	78	34.3	2		2	6	4	7	5	9	1	5	14	8	3	8	1		3					
Maine	11	171	42.0	1	13	7	7	9	2	1	3	3	7	2	2	3	3	7	97						
Massachusetts	14	790	31.0	3	16	51	55	54	49	55	84	84	52	55	20	182									
New Hampshire	4	49	45.1					2		4	4	2	2	4	4				3	13	14			1	
New Jersey	4	124	51.8			1		2	2	4	5	3	4	4		4			2	4		9	82		
New York	4	154	36.2	1	5	23	7	57	2	2	2	2	16	6	2	2	28								
Pennsylvania	11	132	36.1			15	9	9	2	3	6	1	16	9	12	17	13		9	7	1				
Rhode Island	14	427	35.8		1	33	11	47	2	27	16	14	66	69	18	97	23		2	1					
Vermont	3	130	54.5			2		2				1	2	3		20	1		76	2	1	2	1	1	12
Southern district	4	98	41.7			2		5	1	1	4	19	1	2	13	9		3	30						
Total	76	2,093	36.6	7	37	132	102	187	65	105	143	120	165	179	82	290	107	35	122	119	88	3	2	1	12

TABLE E.—Average and classified actual earnings in 1 week in 13 specified occupations, 1932, by sex and State

Occupation, sex, and State	Number of establishments	Number of wage earners	Average actual earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																						
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$42	\$42, under \$44	\$44, under \$46	\$46, under \$50	$50 and over
Wool sorters, male:																										
Connecticut.....	1	3	\$18.96										3													
Maine.....	4	39	8.87		1	32																				
Massachusetts.....	6	191	15.14	4	4	3	8	93	2	4	27	20	6	2	2			1	14	6						
New Hampshire.....	2	59	20.64	1			2				7	14	10	10			1	3	7	4						
New Jersey.....	2	25	26.70						1	1						5	7									
New York.....	2	18	18.30		6											1		6								
Pennsylvania.....	5	57	25.14							7					1	16	15	1	5	2	5	4				
Rhode Island.....	2	52	22.05		2			2	6					2	25				7							
Southern district.....	1	3	11.40					3																		
Total.....	25	442	18.16	5	13	35	10	98	9	14	34	38	20	53	40	9	29	20	11	4						
Wool sorters, female:																										
Maine.....	1	7	15.55					1				6														
Massachusetts.....	2	49	5.84	27	5	1	1	15																		
New Jersey.....	2	12	22.86									3		5	4											
Southern district.....	2	24	9.68	3				21																		
Total.....	7	92	9.80	30	5	1	1	37				6	3	5	4											
Card tenders, male:																										
Connecticut.....	6	31	12.77	1	1	3	5	6	2	1	6	6														
Maine.....	12	50	13.65	7	3	4	5	7	3	6	6	4	7	4				1								
Massachusetts.....	10	138	12.79	7	6	42	6	7	18	9	13	9	2	2	1	16										
New Hampshire.....	4	35	18.71	1		2			1	2	12	3	3	2	7	2										
New Jersey.....	8	48	25.01			1	2			1	4	17														
New York.....	2	23	16.68				1	2		8	5	1	2	4		1	1	4	16		1					
Pennsylvania.....	7	49	18.78			4	2		1	1	18	8	2	1	1	4	2	4								
Rhode Island.....	6	49	12.69	4	2	6	4	11		4	4	8	6													
Vermont.....	3	23	16.31			1	2	5	5				7	8												
Southern district.....	6	57	10.40	4	6	9	9	8	6	7	8															
Total.....	59	503	15.09	25	18	72	34	36	36	44	76	56	29	16	9	24	3	8	16	1						

WOOLLEN AND WORSTED GOODS MANUFACTURING, 1932

TABLE E.—Average and classified actual earnings in 1 week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average actual earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																								
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$42	\$42, under \$44	\$44, under \$46	\$46, under \$50	\$50 and over	
Card tenders, female:																												
Maine.....	6	13	\$10.78	2		2	2		2	2	3																	
Massachusetts.....	3	48	13.40		2	2		1		9	32	2																
New Hampshire.....	1	4	10.53	1						3																		
New Jersey.....	2	12	17.24				1			3			7	1														
Rhode Island.....	1	2	7.65			2																						
Vermont.....	1	4	15.79					1				3																
Total.....	14	83	13.38	3	2	6	3	2	17	34	8	7	1															
Drawing-frame tenders, male:																												
Massachusetts.....	5	100	13.19	2	1	10	21	6	25	7	10	6	8	2	2													
New Hampshire.....	1	1	13.90						1																			
New York.....	1	6	9.36			2	2	1	1																			
Rhode Island.....	2	18	19.58				2			1	4	5			1	2	1	1				1						
Southern district.....	1	14	11.17				1	13																				
Total.....	10	139	13.65	2	1	12	26	20	28	11	15	6	8	2	3	2	1	1				1						
Drawing-frame tenders, female:																												
Maine.....	1	38	7.50	6	8	4	17	3																				
Massachusetts.....	5	858	11.49	44	67	80	102	166	149	113	110	17	8	1	1													
New Hampshire.....	1	137	12.62	8	6	12	13	7	9	59	14	7	2															
New Jersey.....	3	252	15.02			3	13	5	33	94	104																	
New York.....	3	84	9.53		8	21	5	46	4																			
Pennsylvania.....	6	257	11.46	12	12	8	25	68	86	46																		
Rhode Island.....	5	132	11.55	16	12	9	3	9	29	34	20																	
Vermont.....	1	18	13.29	1		1	2		4	3	7																	
Southern district.....	2	82	10.28	5	1	2	13	56	5																			
Total.....	27	1,858	11.85	92	114	140	193	360	319	349	255	24	10	1	1													
Spinners, mule, male:																												
Connecticut.....	6	100	16.21	4	9	8	4	6	8	6	11	6	18	7	4	2	4	1	1	1								
Maine.....	11	167	22.54	9	17	2	5	3	6	5	12	5	5	10	16	8	11	15	12	10	9	3	2				2	
Massachusetts.....	9	352	21.24	17	9	21	13	17	13	19	15	30	39	20	30	15	14	10	22	17	19	11	1					
New Hampshire.....	3	56	29.81	1	2	2		1	2	4	2	5	2					2	3	4	3	4	6	4	2	5		
New Jersey.....	2	55	31.60											2	3	3	10	1	19	13	4							
New York.....	2	67	18.27	3		2	1		3	6	10	16	14	6	4	2												

TABLE E.—Average and classified actual earnings in 1 week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average actual earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																						
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$42	\$42, under \$44	\$44, under \$46	\$46, under \$50	$50 and over
Doffers, female—Continued																										
Vermont.....	1	9	\$9.53	2			3	1		3																
Southern district.....	2	24	7.37		3	13	8																			
Total.....	21	572	9.03	67	96	89	72	103	84	26	12	19	2	2												
Spooler tenders, male:																										
Connecticut.....	1	1	8.78				1																			
Massachusetts.....	1	9	9.14	1	1	3	1	1		1	1															
New York.....	1	1	1.72	1																						
Total.....	3	11	8.43	2	1	3	2	1		1	1															
Spooler tenders, female:																										
Connecticut.....	7	71	8.01	8	6	24	12	6	13	2																
Maine.....	11	101	10.76	18	9	11	9	6	7	19	14	2			5	1										
Massachusetts.....	13	493	10.69	41	41	61	49	76	71	119	25	5	2	2	6											
New Hampshire.....	4	79	9.26	16	7	27	10		2	3	3	2		6		1										
New Jersey.....	4	86	14.53	1	1		13	6	10	16	26	11	1	1												
New York.....	3	31	7.48	4	2		13	4	2		8	5														
Pennsylvania.....	8	42	12.47	10	1	2		2		6	13		3	1	1											
Rhode Island.....	10	189	9.47	17	8	32	33	29	69																	
Vermont.....	3	85	12.87	2	3	1	8	12	37	17	3		3													
Southern district.....	6	40	6.79	9	7		12	5																		
Total.....	69	1,218	10.52	126	85	177	152	150	211	182	85	26	8	13	2	1										
Loom fixers, male:																										
Connecticut.....	8	26	25.96		1	1	1	1				1		3	2	5	2	3	3		1	1				
Maine.....	12	58	30.03	1	1			2	2	1	2	1	7					8	8	2	14	1	3	3		1
Massachusetts.....	14	212	31.69	6	2	6	2	8	1	4	2	3	3	9	3	5	7	15	20	29	20	19	17	9	18	4
New Hampshire.....	4	37	26.82	1						3			2	1	3	13	6	2	4	1					1	
New Jersey.....	4	45	46.94										2	2	2	2	3			2	2		2		3	24
New York.....	4	38	20.53			2	1	2	3			3	3	1	8	11										
Pennsylvania.....	11	32	38.35					1	4				3	2	8	11	1						2	4		
Rhode Island.....	12	98	29.73			4		2	1	6	3		5	6	7	11	16	7	18		4		7	7	3	2
Vermont.....	3	22	30.90							1			1	1			1	10	2	3	2					
Southern district.....	7	26	15.73	1		1	7		1	3	2	3	4	1	1	1										
Total.....	79	594	30.72	9	4	11	15	11	10	16	13	14	19	25	23	47	27	51	53	46	61	21	33	20	28	7

TABLE E.—Average and classified actual earnings in 1 week in 13 specified occupations, 1932, by sex and State—Continued

Occupation, sex, and State	Number of establishments	Number of wage earners	Average actual earnings in 1 week	Number of wage earners whose actual earnings in 1 week were—																							
				Under \$4	\$4, under \$6	\$6, under \$8	\$8, under \$10	\$10, under \$12	\$12, under \$14	\$14, under \$16	\$16, under \$18	\$18, under \$20	\$20, under \$22	\$22, under \$24	\$24, under \$26	\$26, under \$28	\$28, under \$30	\$30, under \$32	\$32, under \$34	\$34, under \$36	\$36, under \$38	\$38, under \$40	\$40, under \$42	\$42, under \$44	\$44, under \$46	\$46, under \$50	\$50 and over
Truckers, male:																											
Connecticut.....	9	37	14.14	3	2		2	6	7	6	3	2	1		1	2	1		1								
Maine.....	12	86	14.84	3	3	18	8	5	6	3	6	7	10	8	2	4	2										
Massachusetts.....	14	800	13.40	20	77	79	56	85	107	80	135	74	18	42	21	1	4					1					
New Hampshire.....	4	111	13.61	5	6	8	7	11	10	34	19		4	2	3	1		1									
New Jersey.....	3	124	21.55	2				2	2	7	8	30	19	17	20	6	8	1			1	1					
New York.....	4	28	13.66		1	4	2	3	2	8	2	4	1		1												
Pennsylvania.....	15	63	14.79	2	6	1	3	12	6	12	4	2	7		4	1	1		1	1							
Rhode Island.....	15	218	14.86	6	6	8	8	31	29	43	23	27	21	7	3	4	2										
Vermont.....	2	80	18.00				2	1	1	9	12	13	15		5												
Southern district.....	7	50	9.35	5	7	6	10	9	3	6	4																
Total.....	85	1,597	14.51	46	108	126	97	165	181	211	217	161	98	81	58	20	19	1	3	1	3	1					
Truckers, female:																											
Massachusetts.....	1	1	8.19				1																				
New Hampshire.....	1	1	14.38							1																	
Pennsylvania.....	1	27	8.03	1	4	3	18	1																			
Vermont.....	1	9	14.13					1	2	6																	
Total.....	4	38	9.65	1	4	3	19	2	2	7																	
Dye-house laborers, male:																											
Connecticut.....	7	27	14.60	3	1	1	3	3	1		2	9	2	7	1		1										
Maine.....	12	70	15.10	9	4	6	2	4	9	7	2	27	28	34	20	9	8	1	2	2		3	1				
Massachusetts.....	14	279	13.65	41	37	16	14	9	18	13	7	1	4	1	3	2	5	3	15	13	11	1					
New Hampshire.....	4	58	14.06	6	3	8	5	4	4	7	1	3	3	1	1												
New Jersey.....	4	78	23.43	4		7	1	2	1	6	3	3	3	1	3	2	5	3	15	13	11	1					
New York.....	4	32	15.89	1				3	2	2	2	13	1	7	1	1	2	3	5	2		1		1			
Pennsylvania.....	5	21	21.94	1		1					2	2	2	3	5	2				1			1				
Rhode Island.....	9	117	14.18	11			9	17	18	22	10	8	4	18	5	1	1			1	1						
Vermont.....	3	22	21.69					2	2		8				2	3	6										
Southern district.....	5	41	9.76	3	13		1	8	8	2	6				1												
Total.....	67	745	15.31	79	58	39	35	52	63	70	64	59	67	48	28	19	23	18	16	5	1	1					

LIST OF BULLETINS OF THE BUREAU OF LABOR STATISTICS

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

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

Conciliation and arbitration (including strikes and lockouts)

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

Cooperation

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

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- *No. 109. Statistics of unemployment and the work of employment offices in the United States. [1913.]
- *No. 172. Unemployment in New York City, N.Y. [1915.]
- *No. 183. Regularity of employment in the women's ready-to-wear garment industries. [1915.]
- *No. 195. Unemployment in the United States. [1916.]
- *No. 196. Proceedings of Employment Managers' Conference, held in Minneapolis, Minn., January 19 and 20, 1916.
- *No. 202. Proceedings of the conference of Employment Managers' Association of Boston, Mass., held May 10, 1916.
- No. 206. The British system of labor exchanges. [1916.]
- *No. 227. Proceedings of Employment Managers' Conference, Philadelphia, Pa., April 2 and 3, 1917.
- *No. 239. Employment system of the Lake Carriers' Association. [1918.]
- *No. 241. Public employment offices in the United States. [1918.]
- *No. 247. Proceedings of Employment Managers' Conference, Rochester, N.Y., May 9-11, 1918.
- *No. 310. Industrial unemployment: A statistical study of its extent and causes. [1922.]
- No. 409. Unemployment in Columbus, Ohio, 1921 to 1925.
- No. 542. Report of the Advisory Committee on Employment Statistics. [1931.]
- No. 544. Unemployment-benefit plans in the United States and unemployment insurance in foreign countries. [1931.]
- *No. 553. Fluctuation in employment in Ohio, 1914 to 1929.
- No. 555. Social and economic character of unemployment in Philadelphia, April 1930.
- No. 574. Technological changes and employment in the United States Postal Service. [1932.]

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

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

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- *No. 104. Lead poisoning in potteries, tile works, and porcelain-enameled sanitary ware factories. [1912.]
- No. 120. Hygiene of painters' trade. [1913.]
- *No. 127. Dangers to workers from dusts and fumes, and methods of protection. [1913.]
- *No. 141. Lead poisoning in the smelting and refining of lead. [1914.]
- *No. 157. Industrial accident statistics. [1915.]
- *No. 165. Lead poisoning in the manufacture of storage batteries. [1914.]
- *No. 179. Industrial poisons used in the rubber industry. [1915.]
- No. 188. Report of British departmental committee on the danger in the use of lead in the painting of buildings. [1916.]
- *No. 201. Report of the committee on statistics and compensation insurance costs of the International Association of Industrial Accident Boards and Commissions. [1916.]

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- No. 209. Hygiene of the printing trades. [1917.]
- *No. 219. Industrial poisons used or produced in the manufacture of explosives. [1917.]
- No. 221. Hours, fatigue, and health in British munition factories. [1917.]
- No. 230. Industrial efficiency and fatigue in British munition factories. [1917.]
- *No. 231. Mortality from respiratory diseases in dusty trades (inorganic dusts). [1918.]
- *No. 234. The safety movement in the iron and steel industry, 1907 to 1917.
- No. 236. Effects of the air hammer on the hands of stonecutters. [1918.]
- *No. 249. Industrial health and efficiency. Final report of British Health of Munitions Workers Committee. [1919.]
- *No. 251. Preventable death in the cotton-manufacturing industry. [1919.]
- No. 256. Accidents and accident prevention in machine building. [1919.]
- No. 267. Anthrax as an occupational disease. [1920.]
- No. 276. Standardization of industrial accident statistics. [1920.]
- *No. 280. Industrial poisoning in making coal-tar dyes and dye intermediates. [1921.]
- *No. 291. Carbon monoxide poisoning. [1921.]
- No. 293. The problem of dust phthisis in the granite-stone industry. [1922.]
- No. 298. Causes and prevention of accidents in the iron and steel industry, 1910-1919.
- No. 392. Survey of hygienic conditions in the printing trades. [1925.]
- No. 405. Phosphorus necrosis in the manufacture of fireworks and in the preparation of phosphorus. [1926.]
- No. 427. Health survey of the printing trades, 1922 to 1925.
- No. 428. Proceedings of the Industrial Accident Prevention Conference, held at Washington, D.C., July 14-16, 1926.
- No. 490. A new test for industrial lead poisoning. [1928.]
- No. 466. Settlement for accidents to American seamen. [1928.]
- No. 498. Deaths from lead poisoning, 1925-1927.
- No. 490. Statistics of industrial accidents in the United States to the end of 1927.
- No. 497. Causes of death, by occupation. [1930.]
- No. 582. Occupation hazards and diagnostic signs: A guide to impairments to be looked for in hazardous occupations. [In press.]

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- No. 237. Industrial unrest in Great Britain. [1917.]
- *No. 340. Chinese migrations, with special reference to labor conditions. [1923.]
- No. 349. Industrial relations in the West coast lumber industry. [1923.]
- *No. 351. Labor relations in the Fairmont (W.Va.) bituminous-coal field. [1924.]
- No. 350. Post-war labor conditions in Germany. [1925.]
- No. 353. Works council movement in Germany. [1925.]
- No. 354. Labor conditions in the shoe industry in Massachusetts, 1920-1924.
- No. 399. Labor relations in the lace and lace-curtain industries in the United States. [1925.]
- No. 534. Labor conditions in the Territory of Hawaii, 1929-1930.
- No. 558. Labor conditions of women and children in Japan. [1931.]

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- *No. 211. Labor laws and their administration in the Pacific States. [1917.]
- No. 229. Wage payment legislation in the United States. [1917.]
- No. 255. Minimum wage laws of the United States: Construction and operation. [1921.]
- No. 321. Labor laws that have been declared unconstitutional. [1922.]
- No. 322. Kansas Court of Industrial Relations. [1923.]
- No. 343. Laws providing for bureaus of labor statistics, etc. [1923.]
- No. 370. Labor laws of the United States with decisions of courts relating thereto. [1925.]
- No. 408. Laws relating to payment of wages. [1926.]
- No. 548. Decisions of courts and opinions affecting labor, 1929-1930.
- No. 552. Labor legislation, 1930.
- No. 581. Laws relating to employment agencies in the United States, as of January 1, 1933.

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

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- No. 210. Third, Columbus, Ohio, April 25-28, 1916.
- No. 248. Fourth, Boston, Mass., August 21-25, 1917.
- No. 264. Fifth, Madison, Wis., September 24-27, 1918.
- *No. 273. Sixth, Toronto, Canada, September 23-26, 1919.
- No. 281. Seventh, San Francisco, Calif., September 20-24, 1920.
- No. 304. Eighth, Chicago, Ill., September 19-23, 1921.
- No. 333. Ninth, Baltimore, Md., October 9-13, 1922.
- *No. 359. Tenth, St. Paul, Minn., September 24-26, 1923.
- No. 385. Eleventh, Halifax, Nova Scotia, August 26-28, 1924.
- No. 395. Index to proceedings, 1914-1924.
- No. 406. Twelfth, Salt Lake City, Utah, August 17-20, 1925.
- No. 432. Thirteenth, Hartford, Conn., September 14-17, 1926.
- *No. 456. Fourteenth, Atlanta, Ga., September 27-29, 1927.
- No. 485. Fifteenth, Paterson, N.J., September 11-14, 1928.
- No. 511. Sixteenth, Buffalo, N.Y., October 8-11, 1929.
- No. 536. Seventeenth, Wilmington, Del., September 22-26, 1930.
- No. 564. Eighteenth, Richmond, Va., October 5-8, 1931.
- No. 577. Nineteenth, Columbus, Ohio, September 26-29, 1932.

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

- No. 356. Productivity costs in the common-brick industry. [1924.]
No. 360. Time and labor costs in manufacturing 100 pairs of shoes, 1923.
No. 407. Labor cost of production and wages and hours of labor in the paper box-board industry. [1926.]
*No. 412. Wages, hours, and productivity in the pottery industry, 1925.
No. 441. Productivity of labor in the glass industry. [1927.]
No. 474. Productivity of labor in merchant blast furnaces. [1928.]
No. 475. Productivity of labor in newspaper printing. [1929.]
No. 550. Cargo handling and longshore labor conditions. [1932.]
No. 574. Technological changes and employment in the United States Postal Service. [1932.]

Retail prices and cost of living

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

Safety codes

- *No. 336. Safety code for the protection of industrial workers in foundries.
No. 350. Rules governing the approval of headlighting devices for motor vehicles.
*No. 351. Safety code for the construction, care, and use of ladders.
No. 375. Safety code for laundry machinery and operations.
*No. 382. Code of lighting school buildings.
No. 410. Safety code for paper and pulp mills.
*No. 430. Safety code for power presses and foot and hand presses.
No. 447. Safety code for rubber mills and calendars.
No. 451. Safety code for forging and hot-metal stamping.
No. 463. Safety code for mechanical power-transmission apparatus—first revision.
No. 509. Textile safety code.
No. 512. Code for identification of gas-mask canisters.
No. 519. Safety code for woodworking plants, as revised 1930.
No. 527. Safety code for the use, care, and protection of abrasive wheels, as revised 1930.
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- *No. 159. Short-unit courses for wage earners, and a factory school experiment. [1915.]
*No. 162. Vocational education survey of Richmond, Va. [1915.]
*No. 199. Vocational education survey of Minneapolis, Minn. [1917.]
No. 271. Adult working-class education in Great Britain and the United States. [1920.]
No. 459. Apprenticeship in building construction. [1928.]

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- *No. 146. Wages and regularity of employment and standardization of piece rates in the dress and waist industry of New York City. [1914.]
*No. 147. Wages and regularity of employment in the cloak, suit, and skirt industry. [1914.]
No. 161. Wages and hours of labor in the clothing and cigar industries, 1911 to 1913.
*No. 163. Wages and hours of labor in the building and repairing of steam railroad cars, 1907 to 1913.
*No. 190. Wages and hours of labor in the cotton, woolen, and silk industries, 1907 to 1914.
*No. 204. Street-railway employment in the United States. [1917.]
*No. 225. Wages and hours of labor in the lumber, millwork, and furniture industries, 1915.
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No. 358. Wages and hours of labor in the automobile-tire industry, 1923.
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No. 499. History of wages in the United States from colonial times to 1928.
No. 502. Wages and hours of labor in the motor-vehicle industry, 1928.
No. 504. Wages and hours of labor in the hosiery and underwear industries, 1907 to 1928.
No. 514. Pennsylvania Railroad wage data. From Report of Joint Fact Finding Committee in the wage negotiations in 1927.
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No. 523. Wages and hours in the manufacture of airplanes and aircraft engines, 1929.
No. 525. Wages and hours of labor in the Portland cement industry, 1929.
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No. 533. Wages and hours of labor in woolen and worsted goods manufacturing, 1910 to 1930.
No. 534. Labor conditions in the Territory of Hawaii, 1929-1930.
No. 537. Wages and hours of labor in the dyeing and finishing of textiles, 1930.
No. 539. Wages and hours of labor in cotton-goods manufacturing, 1910 to 1930.
No. 546. Wages and hours in rayon and other synthetic textile manufacturing, 1930.
No. 547. Wages and hours of labor in the cane-sugar-refining industry, 1930.

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Wages and hours of labor—Continued

- No. 557. Wages and hours of labor in the men's clothing industry, 1911 to 1930.
- No. 560. Wages and hours of labor in the lumber industry in the United States, 1930.
- No. 566. Union scales of wages and hours of labor, May 15, 1931.
- No. 567. Wages and hours of labor in the iron and steel industry, 1931.
- No. 568. Wages and hours of labor in the manufacture of silk and rayon goods, 1931.
- No. 570. Wages and hours of labor in foundries and machine shops, 1931.
- No. 571. Wages and hours of labor in the furniture industry, 1910 to 1931.
- No. 573. Wages and hours of labor in metalliferous mining, 1924 and 1931.
- No. 575. Wages and hours of labor in air transportation, 1931.
- No. 576. Wages and hours of labor in the slaughtering and meat-packing industry, 1931.
- No. 578. Wages and hours of labor in gasoline-filling stations and motor-vehicle-repair garages, 1931.
- No. 579. Wages and hours of labor in the boot and shoe industry, 1910 to 1932.
- No. 580. Wages and hours of labor in the bakery industry—bread and cake departments, 1931.

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

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

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

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

- *No. 101. Care of tuberculous wage earners in Germany. [1912.]
- *No. 102. British national insurance act, 1911.
- *No. 108. Sickness and accident insurance law in Switzerland. [1912.]
- *No. 107. Law relating to insurance of salaried employees in Germany. [1913.]
- *No. 155. Compensation for accidents to employees of the United States. [1914.]
- *No. 212. Proceedings of the conference on social insurance called by the International Association of Industrial Accident Boards and Commissions, Washington, D.C., December 5-9, 1916.
- *No. 243. Workmen's compensation legislation in the United States and foreign countries, 1917 and 1918.
- No. 301. Comparison of workmen's compensation insurance and administration. [1922.]
- No. 312. National health insurance in Great Britain, 1911 to 1921.
- *No. 379. Comparison of workmen's compensation laws of the United States as of January 1, 1925.
- No. 477. Public-service retirement systems, United States and Europe. [1929.]
- No. 496. Workmen's compensation legislation of the United States and Canada as of January 1, 1929. (With text of legislation enacted in 1927 and 1928.)
- No. 520. Workmen's compensation legislation of the Latin American countries. [1930.]

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- *No. 174. Subject index of the publications of the United States Bureau of Labor Statistics up to May 1, 1918.
- No. 208. Profit sharing in the United States. [1916.]
- No. 242. Food situation in central Europe, 1917.
- No. 254. International labor legislation and the society of nations. [1919.]
- No. 265. Historical survey of international action affecting labor. [1920.]
- No. 282. Mutual relief associations among Government employees in Washington, D.C. [1921.]
- No. 319. The Bureau of Labor Statistics: Its history, activities, and organization. [1922.]
- No. 326. Methods of procuring and computing statistical information of the Bureau of Labor Statistics. [1923.]
- No. 342. International Seamen's Union of America: A study of its history and problems. [1923.]
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- No. 386. Cost of American almshouses. [1925.]
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- *No. 465. Beneficial activities of American trade-unions. [1928.]
- No. 479. Activities and functions of a State department of labor. [1928.]
- No. 483. Conditions in the shoe industry in Haverhill, Mass., 1928.
- *No. 489. Care of aged persons in United States. [1929.]
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- No. 561. Public old-age pensions and insurance in the United States and foreign countries. [1932.]
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