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**WAGES AND HOURS OF LABOR IN THE
COTTON, WOOLEN, AND SILK INDUSTRIES
1907 TO 1914**



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CONTENTS.

	Page.
Introduction.....	5-8
Cotton goods manufacturing and finishing.....	9-119
Summary	9-20
Fluctuations in employment during year	21-31
Summary of hours actually worked.....	31, 32
Description of data.....	33-36
Cotton goods manufacturing:	
Table I.—Average and classified rates of wages per hour in the United States, by years, 1907 to 1914	37-44
Table II.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914.....	45-51
Table III.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914	52-60
Table IV.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1914	61-68
Table V.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914.....	69-75
Table VI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914	76-85
Table VII.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.....	86-97
Cotton goods finishing:	
Table VIII.—Average and classified rates of wages per hour in the United States, by years, 1911 to 1914.....	98-100
Table IX.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914	101-103
Table X.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.....	104-106
Table XI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1911 to 1914	107-109
Table XII.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914	110-112
Table XIII.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914.....	113-115
Table XIV.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.....	116-119

	Page.
Woolen and worsted goods manufacturing.....	120-183
Summary.....	120-127
Fluctuations in employment during year.....	128-134
Summary of hours actually worked.....	134, 135
Description of data.....	135-137
Table I.—Average and classified rates of wages per hour in the United States, by years, 1907 to 1914.....	138-144
Table II.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914.....	145-149
Table III.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.....	150-156
Table IV.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1914.....	157-164
Table V.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914.....	165-169
Table VI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914.....	170-176
Table VII.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.....	177-183
Silk goods manufacturing	184-241
Summary.....	184-188
Fluctuations in employment during year.....	189-194
Summary of hours actually worked.....	194, 195
Description of data.....	195, 196
Table I.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, in the United States, by years, 1907 to 1914.....	197-208
Table II.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, in each State, by years, 1913 and 1914.....	209-214
Table III.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, for pieceworkers and timeworkers, by States, 1914.....	215-222
Table IV.—Average full-time hours per week, and average and classified rates of wages per hour, in each State, by years, 1913 and 1914.....	223-227
Table V.—Average full-time hours per week and average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914..	228-234
Table VI.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time in two weeks, for pieceworkers and timeworkers, by States, 1914.....	235-241

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WAGES AND HOURS OF LABOR IN THE COTTON, WOOLEN, AND SILK INDUSTRIES, 1907 TO 1914.

INTRODUCTION.

In this report are presented the rates of wages (or earnings) per hour, hours of labor per week, and full-time weekly earnings in the principal occupations of the cotton, woolen, and silk industries of the United States. Figures relating to rates of wages per hour and full-time hours per week are presented for the years 1907 to 1914, inclusive, and full-time weekly earnings for the years 1910 to 1914, inclusive. Figures relating to hours actually worked by employees are shown for 1914. Figures are also given indicating the fluctuation of employment during a period of one year. The report is based on information obtained from representative establishments.

Earlier reports of this Bureau have presented wages and hours of labor in these industries from 1890 to 1913.¹

This introduction explains the subject matter of the report and the methods of compilation used in preparing the data for each of the several industries. The data for each industry are presented separately:

Cotton goods, pages 9 to 119.

Woolen goods, pages 120 to 183.

Silk goods, pages 184 to 241.

The summary figures for each industry appear on the opening pages of each section of the report.

The data for 1907 to 1911, inclusive, were secured in 1911. Owing to the difficulty of finding establishments having records extending back for a period of years, data for 1907 to 1910 were secured from a comparatively small number of establishments only. For the later

¹ Previous reports of wages and hours of labor in cotton-goods manufacturing and finishing and woolen-goods and silk-goods manufacturing have been published by the Bureau, as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 128 (August, 1913), covering 1907 to 1912, inclusive; and Bulletin No. 150 (May, 1914), covering 1907 to 1913, inclusive.

years, figures which have been secured year by year for the current year cover a larger number of establishments. The data are for one pay-roll period in each year, the period ending nearest May 15 being selected for cotton goods and woolen goods except in a few establishments where conditions in May were abnormal or figures for that period were not available. Data for silk goods are for pay rolls ranging from September 30 to November 15. This was necessary because the Bureau was not able to assign agents to this industry until late in the year and as a record of time worked had to be kept in many cases it was not possible to get data for an earlier date.

All data were taken from the pay rolls and other records of establishments by special agents of the Bureau. Nearly all of the pay rolls copied covered one or two weeks. For weavers and a few other pieceworkers, pay rolls for two or more consecutive pay periods were taken for each employee, making data available for such employees for a period of from two to four weeks. Weavers are not paid for work until the cloth is taken from the loom, and a part of the work of one week is often paid for in the succeeding week. In some cases where a bonus or premium is paid the bonus is based on four weeks' work and it is necessary to take the earnings for the entire period in order to get the employee's entire earnings.

The full-time hours of labor per week shown in the tables of the report are the regular full-time hours of work of the occupation under normal conditions in the establishment. The working time is the hours on duty including intervals, if any, of waiting for work. The full-time hours per week and the relative numbers based on them do not in any way indicate the extent of unemployment. Employees may work overtime, or broken time, or be laid off, or a temporary reduction may be made in working hours without affecting the full-time hours per week as presented in these tables.

The rates of wages per hour appearing in the tables include the wages of timeworkers and the earnings of pieceworkers. All time rates by the day or week have been reduced to rates per hour, and the earnings of pieceworkers or of persons working at both time and piece rates have been reduced to rates per hour by dividing the earnings by the hours worked. For 1914 the timeworkers and pieceworkers of each occupation are shown separately and also combined as one group. In the tabulation for years preceding 1914 separate presentation is not made of timeworkers and pieceworkers. Where there was no record regularly kept by establishments of the actual time worked by pieceworkers the firms at the request of the Bureau kept a special record for the pay period taken.

A change in the earnings per hour of pieceworkers does not of necessity indicate a change in piece rates. Without a change in piece rates, a change in methods or of machinery, a speeding up, or more

steady work resulting from a greater volume of business may increase the hourly earnings; or, on the other hand, changes in methods, a slowing down in speed, or a lull in business may reduce the hourly earnings. Varying intervals of waiting for work while on duty may also affect hourly earnings.

The full-time weekly earnings are the earnings per week of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week. In considering changes in full-time earnings per week notice should also be taken of changes in full-time hours per week. A reduction in the hours of a pieceworker may reduce his earnings in a week and leave his earnings per hour unchanged, while a reduction of hours for a week worker will, if his weekly rate remains the same, increase his rate per hour.

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

It will be observed that the average full-time weekly earnings generally are not exactly the same as the result that would be obtained by multiplying the average rate per hour by the average hours per week, owing to the fact that hourly rates for individual employees are based on varying hours per week, which has the effect of changing the relative weighting of the wages of the several employees. A hypothetical illustration shows the difference:

Employees.	Full-time hours per week.	Rate of wages per week.	Rate of wages per hour.
1.....	48	\$15.00	\$0.313
1.....	54	14.00	.259
1.....	54	16.00	.296
1.....	60	12.00	.200
Total.....	216	57.00	1.068
Average.....	54	14.25	.267

The product of \$0.267 multiplied by 54 is \$14.42, while the average earnings per week are \$14.25.

In selecting establishments from which to secure data the Bureau undertook to represent all States in which the industries covered are of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures. Under each industry is a table which shows by States the number of employees in the industry as reported by the United States Census of 1910, and the number of establishments and employees for which data are shown for 1914 in this report.

Prior to 1914, data were secured only for employees in certain selected occupations. In 1914, however, data were obtained for all

employees in the establishments, and in addition to the selected occupations presented as heretofore data are shown for all "other employees" in certain general tables.

The establishments vary from year to year, as firms go out of business or cease to be representative, and new ones must be substituted. Occasionally occupations are dispensed with in a mill or new occupations are introduced, and sometimes data are not available for all occupations desired from a mill. Data for a group of establishments in any year will not be precisely the same as for a different group in the same year, even though nearly all of the establishments may be common to both groups. In using the actual figures in this report comparison from year to year should be made only between data coming from identical establishments. In the tables the data from identical establishments are grouped together. Except where noted, data from an establishment are not included in the tables unless the information for at least two years is available.

A description of the work performed in each occupation of the several industries is given in Bulletin No. 150, issued by this Bureau.

Statistics concerning unemployment are of two general classes: First, figures relating to the extent of unemployment as of a certain date; and, second, figures relating to the extent of unemployment of individuals during some stated period—usually one year. An investigation of unemployment under either of the above classes involves much personal inquiry and consequent expense. In connection with the present study an attempt was made, however, to gather information concerning the volume and regularity of employment in each of the industries presented in this report for one year and the amount paid out in wages during the same period. Such figures do not, of course, show the number of unemployed desiring work in an industry. Furthermore, the loss of employment in an establishment does not necessarily mean unemployment, as the employees may find work elsewhere in the same or some other industry. The material presented, while not strictly data concerning unemployment, may be accepted, however, as indicative of the amount of unemployment in the industry covered. Data were obtained showing the number of days the plant was in operation, the number of employees on the pay roll, and the amount of the pay roll for each pay-roll period for a year; also a statement of the number of days the plant was closed during the year, by causes. Tables showing the facts as brought out by these inquiries are presented in connection with each of the three industries.

COTTON-GOODS MANUFACTURING AND FINISHING.

SUMMARY.

Separate figures are shown for cotton-goods manufacturing and for cotton-goods finishing. The manufacturing process begins with the raw-cotton fiber and ends with the woven cloth. Finishing consists of bleaching, dyeing, printing, calendering, and folding the fabricated goods. The data for manufacturing extends back to 1907, but data for finishing were not secured for years prior to 1911.

The full-time weekly earnings of employees in cotton-goods manufacturing in 1914 were 1 per cent higher than in 1913, 2 per cent higher than in 1912, and 11 per cent higher than in 1911 and 1910. Regular full-time hours per week were 1 per cent lower in 1914 than in 1913 and 1912 and 3 per cent lower than in 1911 and 1910. The average rate of wages per hour in 1914 was 2 per cent higher than in 1913, 3 per cent higher than in 1912, and 14 per cent higher than in 1911 and 1910.

In cotton-goods finishing the full-time weekly earnings in 1914 were 2 per cent higher than in 1913, 1 per cent higher than in 1912, and 3 per cent higher than in 1911. Regular full-time hours per week in 1914 were 2 per cent less than in 1913 and 1912, and 3 per cent less than in 1911. The average rate of wages per hour in 1914 was 3 per cent higher than in 1913 and 1912, and 5 per cent higher than in 1911.

The most significant facts concerning the several occupations included in the report are summarized in the following table. In this table direct comparisons can be made between the data for different years only when the data are from identical establishments. The comparable data for different years are grouped together.

AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914.

MANUFACTURING.

[The figures opposite each group of years are for identical establishments.]

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54	Over 54 and under 57	57 and under 60	60	Over 60		Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 cts. and over.	
Card strippers, male: 36 establishments..	1907	284	59.8	.....	.....	58	19	22	\$ 0.131	13	8	39	41	(1)
	1908	289	59.3	.....	.....	64	24	11	.124	12	21	51	16	(1)
	1909	287	59.3	.....	.....	61	29	10	.121	11	27	57	5	(1)
	1910	318	57.8	.....	52	25	16	7	.124	6	26	62	6	(1)

¹ Not computed.

AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54	Over 54 and under 57	57 and under 60	60	Over 60		Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 cts. and over.	
Card strippers, male— Concluded.														
59 establishments..	1910	523	58.4	.....	48	23	13	16	\$ 0.120	10	26	56	7	\$6.95
	1911	515	58.3	.....	49	24	12	15	.122	9	26	58	6	7.08
88 establishments..	1911	786	58.3	.....	40	32	16	12	.121	7	29	59	6	7.02
	1912	800	57.1	36	5	31	27	1	.134	2	19	32	48	7.62
88 establishments..	1912	804	57.1	35	5	31	28	1	.134	2	19	31	47	7.62
	1913	845	57.2	34	4	34	27	1	.138	1	15	29	54	7.83
90 establishments..	1913	871	57.1	36	4	33	27	1	.139	1	15	28	56	7.99
	1914	904	56.3	38	26	7	29	(1)	.144	1	13	25	61	8.06
Drawing tenders, male; 34 establishments..	1907	219	60.4	.....	.....	51	12	36	.100	40	34	25	2	(2)
	1908	234	59.7	.....	.....	47	40	13	.098	46	36	15	2	(2)
	1909	253	59.7	.....	.....	51	35	14	.099	48	37	14	1	(2)
	1910	253	58.5	.....	45	13	31	11	.098	50	32	16	2	(2)
56 establishments..	1910	436	59.5	.....	33	12	25	29	.096	58	29	11	1	5.70
	1911	457	59.7	.....	32	10	26	32	.097	61	22	15	2	5.78
84 establishments..	1911	750	59.5	.....	28	17	31	23	.097	60	26	12	3	5.73
	1912	723	57.9	27	5	17	48	3	.108	30	36	25	9	6.22
82 establishments..	1912	727	57.9	27	5	17	48	3	.108	31	35	25	9	6.20
	1913	624	58.0	26	6	12	55	1	.109	27	35	25	11	6.31
76 establishments..	1913	572	58.4	20	5	13	60	2	.109	27	37	26	11	6.32
	1914	660	57.9	28	6	5	60	1	.116	21	30	31	18	6.66
Drawing tenders, female; 19 establishments..	1907	234	60.2	.....	.....	50	27	23	.093	54	43	3	.....	(2)
	1908	232	59.3	.....	.....	56	37	7	.093	61	23	17	.....	(2)
	1909	249	59.4	.....	.....	51	42	6	.091	62	32	7	.....	(2)
	1910	233	58.1	.....	29	47	21	3	.089	72	26	2	(1)	(2)
27 establishments..	1910	359	58.2	.....	38	39	16	8	.090	71	27	1	(1)	5.20
	1911	344	57.7	.....	42	42	11	5	.094	63	28	10	(1)	5.41
45 establishments..	1911	502	57.8	.....	34	51	11	4	.095	61	30	9	(1)	5.46
	1912	525	57.0	36	2	44	16	2	.110	20	62	13	5	6.23
	1913	594	56.8	37	2	45	16	.....	.114	11	59	20	10	6.48
32 establishments..	1913	594	56.7	40	2	45	14	.....	.115	10	59	22	10	6.50
	1914	574	55.5	43	32	11	14	.....	.118	11	44	35	11	6.51
Trimmers or inspectors, female; 30 establishments..	1907	251	60.4	.....	.....	41	28	32	.102	42	37	10	12	(2)
	1908	261	60.0	.....	.....	39	46	15	.101	59	19	11	12	(2)
	1909	285	59.6	.....	.....	40	52	8	.099	61	28	1	13	(2)
	1910	297	58.1	.....	43	26	25	7	.101	49	40	.....	10	(2)
46 establishments..	1910	408	58.3	.....	39	25	27	9	.099	51	39	1	7	5.78
	1911	474	58.7	.....	35	25	27	13	.102	48	37	7	10	5.94
75 establishments..	1911	712	58.7	.....	32	28	29	11	.103	46	33	13	9	6.02
	1912	703	58.0	29	3	28	38	2	.112	28	37	21	15	6.45
77 establishments..	1912	708	57.7	29	3	27	38	2	.112	28	36	20	14	6.41
	1913	687	57.9	27	5	26	39	4	.111	25	41	23	11	6.39
74 establishments..	1913	698	57.8	28	4	26	38	4	.112	23	41	25	11	6.41
	1914	720	57.2	33	11	14	42	.....	.113	25	40	20	15	6.41

¹ Less than 1 per cent.

² Not computed.

AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54	Over 54 and under 57	57 and under 60	60	Over 60		Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 cts. and over.	
Fine speeders, male:														
16 establishments..	1907	201	63.9	.....	.....	.....	.....	100	\$ 0.116	57	26	9	7	(1)
	1908	224	61.1	.....	.....	76	24	123	.123	54	26	9	11	(1)
	1909	258	61.2	.....	.....	76	24	129	.129	39	31	20	11	(1)
	1910	249	61.0	.....	.....	77	23	131	.131	37	29	17	17	(1)
32 establishments..	1910	426	61.4	.....	.....	64	36	.131	.131	37	27	16	19	\$8.03
	1911	396	61.4	.....	.....	61	39	.135	.135	32	30	17	21	8.29
62 establishments..	1911	623	61.2	.....	(*)	3	76	21	.135	32	27	22	19	8.24
	1912	666	59.7	8	.....	2	87	3	.142	31	30	23	26	8.47
61 establishments..	1912	680	59.7	7	.....	2	88	3	.143	19	30	24	26	8.52
	1913	745	59.8	5	.....	1	93	1	.145	19	25	29	27	8.72
55 establishments..	1913	742	59.7	6	.....	(*)	93	1	.145	18	25	29	28	8.64
	1914	778	59.7	4	(*)	.....	95	.....	.151	10	25	29	35	9.04
Fine speeders, female:														
35 establishments..	1907	721	59.3	.....	.....	64	21	14	.139	21	24	34	21	(1)
	1908	664	59.1	.....	.....	63	30	7	.138	27	24	27	21	(1)
	1909	714	59.1	.....	.....	63	31	6	.135	23	34	34	8	(1)
	1910	800	57.6	.....	55	23	18	4	.134	25	36	27	13	(1)
57 establishments..	1910	1,175	57.8	.....	51	27	14	8	.133	26	35	28	12	7.68
	1911	1,189	57.9	.....	50	26	14	10	.135	25	30	33	12	7.90
82 establishments..	1911	1,753	57.9	.....	46	31	15	8	.136	15	29	34	13	7.96
	1912	1,784	56.6	44	6	30	18	2	.149	24	16	33	34	8.42
80 establishments..	1912	1,791	56.7	44	7	28	19	2	.148	15	16	33	34	8.38
	1913	1,855	56.7	43	5	32	18	1	.151	13	17	35	35	8.55
79 establishments..	1913	1,946	56.5	46	5	31	18	1	.153	12	16	33	39	8.61
	1914	2,001	55.8	50	19	10	21	(*)	.155	12	14	29	45	8.61
Spinners, frame, male:														
25 establishments..	1907	184	59.4	.....	.....	66	12	22	.124	49	17	13	21	(1)
	1908	214	58.8	.....	.....	64	35	1	.110	54	24	13	9	(1)
	1909	188	58.9	.....	.....	72	22	6	.117	51	28	12	9	(1)
	1910	188	57.2	.....	58	25	16	1	.119	48	33	11	8	(1)
36 establishments..	1910	261	57.2	.....	61	20	17	1	.120	43	40	10	7	6.83
	1911	420	57.0	.....	69	19	9	2	.125	32	44	19	4	7.08
46 establishments..	1911	700	57.2	.....	57	33	7	3	.126	34	40	19	6	7.18
	1912	679	56.2	52	.....	40	6	2	.148	22	18	25	35	8.30
49 establishments..	1912	564	56.7	42	.....	48	8	2	.144	25	19	27	29	8.14
	1913	530	56.9	38	3	35	22	1	.143	27	21	22	30	8.07
31 establishments..	1913	503	56.8	41	2	37	19	1	.145	24	21	23	32	8.19
	1914	458	55.2	46	37	4	13	.....	.152	21	13	22	44	8.37
Spinners, frame, female:														
36 establishments..	1907	2,317	61.0	.....	.....	43	13	44	.110	61	23	12	6	(1)
	1908	2,114	59.9	.....	.....	42	44	14	.107	65	22	9	4	(1)
	1909	2,408	59.8	.....	.....	46	39	14	.106	67	24	8	2	(1)
	1910	2,500	58.5	.....	41	18	31	10	.112	61	24	13	3	(1)
59 establishments..	1910	3,704	59.0	.....	35	17	29	19	.108	63	23	11	3	6.33
	1911	3,735	59.1	.....	34	17	28	20	.111	61	24	12	4	6.48
88 establishments..	1911	5,981	59.1	.....	27	27	30	16	.111	61	25	11	3	6.51
	1912	6,214	58.0	25	3	27	41	3	.123	44	21	26	8	7.11
88 establishments..	1912	6,364	58.0	27	3	26	41	3	.124	43	21	25	11	6.96
	1913	6,561	57.9	27	3	27	42	2	.127	43	18	25	14	7.29
90 establishments..	1913	6,762	57.8	28	3	26	41	2	.128	42	18	25	15	7.33
	1914	6,906	56.9	33	20	5	42	(*)	.132	39	17	24	20	7.45

* Not computed.

* Less than 1 per cent.

AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54	Over 54 and under 57	57 and under 60	60	Over 60		Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 cts. and over.	
Weavers, male:														
36 establishments.	1907	2,769	60.3	.....	.....	50	18	32	\$.161	19	29	33	18	(1)
	1908	2,848	59.6	.....	.....	50	35	15	.160	20	31	30	18	(1)
	1909	3,123	59.8	.....	.....	48	37	15	.151	24	39	26	11	(1)
	1910	3,037	58.3	.....	49	11	30	9	.154	19	40	28	12	(1)
58 establishments.	1910	5,334	58.8	.....	41	13	27	19	.151	21	42	27	10	\$3.83
	1911	5,012	58.8	.....	41	13	24	22	.155	16	42	29	12	9.07
88 establishments.	1911	8,855	58.6	.....	35	27	25	14	.156	16	41	32	12	9.08
	1912	9,751	57.5	30	8	24	37	1	.169	12	31	35	23	9.67
88 establishments.	1912	9,775	57.5	30	8	24	37	1	.169	12	31	35	22	9.67
	1913	9,316	57.7	27	7	24	42	1	.169	12	29	34	24	9.71
89 establishments.	1913	9,485	57.6	29	6	23	41	1	.170	12	29	34	24	9.73
	1914	9,755	56.8	35	20	4	41	(*)	.176	10	27	33	30	9.93
Weavers, female:														
36 establishments.	1907	3,724	59.5	.....	.....	61	22	18	.151	20	36	36	7	(1)
	1908	3,903	59.0	.....	.....	63	31	6	.152	21	40	32	6	(1)
	1909	3,930	59.1	.....	.....	60	34	6	.144	25	48	24	4	(1)
	1910	3,905	57.6	.....	53	27	16	4	.151	23	45	24	4	(1)
59 establishments.	1910	6,334	57.8	.....	51	26	13	9	.147	25	47	23	4	8.47
	1911	6,242	57.8	.....	51	25	13	10	.144	23	49	23	5	8.31
88 establishments.	1911	10,792	57.9	.....	39	41	13	6	.148	21	45	28	6	8.54
	1912	10,980	56.9	35	6	41	17	1	.163	14	34	36	16	9.26
88 establishments.	1912	10,998	56.9	35	6	41	17	1	.163	14	34	36	16	9.26
	1913	11,105	56.8	38	5	39	17	1	.164	12	34	36	17	9.29
89 establishments.	1913	11,236	56.7	39	5	39	17	1	.164	12	33	36	17	9.30
	1914	11,188	55.8	43	29	7	21	(*)	.167	14	30	36	21	9.30
										Under 14 cts.	14 and under 18 cts.	18 and under 25 cts.	25 cts. and over.	
Slashers, male:														
35 establishments.	1907	159	60.3	.....	.....	48	18	33	.183	30	10	57	4	(1)
	1908	158	59.6	.....	.....	47	44	9	.183	28	16	41	15	(1)
	1909	167	59.4	.....	.....	49	44	8	.180	26	17	49	9	(1)
	1910	166	58.1	.....	43	20	31	5	.181	22	20	53	5	(1)
57 establishments.	1910	276	58.4	.....	42	19	26	12	.178	26	16	55	3	10.33
	1911	303	58.5	.....	40	18	27	14	.178	24	20	54	3	10.32
85 establishments.	1911	455	58.5	.....	33	32	23	11	.194	18	18	48	15	11.26
	1912	447	57.4	31	4	34	29	1	.215	10	21	47	23	12.28
85 establishments.	1912	449	57.4	31	4	34	30	1	.216	10	21	46	23	12.34
	1913	472	57.6	28	3	33	35	1	.212	10	26	39	23	12.12
87 establishments.	1913	485	57.5	30	3	32	34	1	.212	10	26	41	23	12.09
	1914	528	56.8	33	22	5	39	(*)	.211	13	26	39	23	11.81

* Not computed.

* Less than 1 per cent.

**AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND RATES OF WAGES
PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL
OCCUPATIONS, 1907 TO 1914—Concluded.**

FINISHING—Concluded.

Occupation, sex, and number of establish- ments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employ- ees earning each classified rate of wages per hour.				Average full- time weekly earn- ings.
				54	Over 54 and under 57	57 and under 60	60	Over 60		Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 cts. and over.	
Laborers, bleach house, male:														
19 establishments..	1911	688	57.5	.....	.....	53	19	28	\$ 0.133	22	41	30	8	\$7.63
	1912	748	57.2	.....	9	45	25	21	.137	13	43	33	12	7.52
19 establishments..	1912	714	57.7	.....	1	43	26	29	.137	11	46	33	11	7.88
	1913	787	57.7	.....	2	39	29	29	.142	9	40	35	16	8.20
18 establishments..	1913	801	57.4	.....	11	35	25	29	.142	7	41	36	16	8.17
	1914	785	56.2	(¹)	44	14	20	21	.143	6	39	39	16	8.05
Laborers, color mixing, male:														
12 establishments..	1911	263	57.7	.....	.....	40	34	25	.146	(¹)	30	53	17	8.45
	1912	270	57.4	.....	14	24	38	24	.147	1	27	56	16	8.45
12 establishments..	1912	243	58.4	.....	.....	18	42	40	.145	1	35	53	11	8.46
	1913	246	58.6	.....	.....	15	43	42	.149	(¹)	25	57	18	8.73
12 establishments..	1913	288	57.5	.....	24	13	27	36	.151	(¹)	21	59	19	8.67
	1914	317	56.8	.....	38	10	29	23	.153	1	14	63	21	8.66
Laborers, dyehouse, male:														
30 establishments..	1911	1,229	57.7	.....	.....	34	47	20	.144	5	30	47	18	8.32
	1912	1,268	57.2	.....	21	12	51	16	.153	3	12	43	41	8.75
27 establishments..	1912	1,179	57.4	.....	18	11	55	17	.154	2	14	42	42	8.83
	1913	1,120	57.4	.....	19	12	51	18	.153	2	19	36	42	8.77
33 establishments..	1913	1,167	57.5	.....	25	4	44	28	.149	8	18	35	39	8.56
	1914	1,267	56.1	(¹)	34	31	12	23	.153	9	16	34	41	8.55
										Under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Folders, male:														
19 establishments..	1911	268	57.4	.....	.....	59	14	27	.230	33	35	22	10	13.16
	1912	277	57.2	.....	8	46	25	21	.246	23	23	39	15	14.06
19 establishments..	1912	276	57.7	.....	4	40	25	32	.243	22	30	33	15	13.99
	1913	250	57.1	.....	17	41	14	28	.250	9	38	40	13	14.20
19 establishments..	1913	266	56.8	.....	24	38	11	27	.247	9	42	37	12	13.95
	1914	255	56.0	.....	59	7	9	25	.273	8	24	27	41	15.18
										Under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 cts. and over.	
Engravers, male:														
12 establishments..	1911	179	55.8	18	.....	40	42	.....	.479	.....	5	64	31	26.68
	1912	166	55.4	18	22	19	42	.....	.483	.....	4	57	40	26.75
11 establishments..	1912	123	55.8	24	.....	19	57	1	.488	.....	1	63	36	27.20
	1913	107	55.9	31	.....	18	35	17	.484	.....	3	65	32	27.01
11 establishments..	1913	124	54.9	27	32	15	11	15	.482	.....	8	52	40	26.41
	1914	123	53.0	51	44	5	.....	.....	.510	.....	1	32	68	27.01
Printers, male:														
12 establishments..	1911	156	56.9	.....	.....	55	37	8	.489	10	3	8	79	27.79
	1912	164	56.7	.....	13	40	38	9	.487	11	5	8	76	27.54
12 establishments..	1912	137	57.4	.....	.....	38	48	14	.472	13	7	16	64	27.04
	1913	133	57.1	.....	.....	42	48	10	.470	16	6	8	70	26.78
12 establishments..	1913	147	56.3	.....	22	38	31	9	.479	15	5	7	73	26.85
	1914	159	55.5	.....	43	29	28	1	.513	12	5	4	79	26.57

¹ Less than 1 per cent.

In 1914 the average full-time weekly earnings of males engaged in cotton-goods manufacturing, represented by 8 occupations, varied from \$6.66 for drawing tenders to \$15.95 for mule spinners. The average full-time weekly earnings of females, represented by 5 occupations in this branch of the industry, varied from \$6.41 for trimmers or inspectors to \$9.30 for weavers. The full-time hours per week in the selected occupations varied in the different establishments from 54 to 68, the average being 56.5.

In cotton-goods finishing the full-time weekly earnings of males in 1914 varied from \$8.05 for bleach-house laborers to \$28.57 for the skilled occupation of printers. Data were obtained for the wages of females in cotton-goods finishing for only one occupation—knotters—in which the average full-time weekly earnings in 1914 were \$6.69. The hours in this branch of the industry do not vary materially from the hours in cotton-goods manufacturing.

Wages and hours differ in different establishments; hence the inclusion or exclusion of an establishment in the group, if the wages and hours therein differ considerably from the average, may raise or lower the average for the group. Referring to the last column of the table it is seen, for example, that in 84 establishments the full-time weekly earnings of male drawing tenders increased from \$5.73 in 1911 to \$6.22 in 1912. In 82 establishments there was an increase from \$6.20 in 1912 to \$6.31 in 1913. It would not be a proper comparison, however, to state that weekly earnings had increased from \$5.73 in 1911 to \$6.31 in 1913, because of the change in the number of establishments and of the difference in the average for 1912 in the two groups of establishments.

Owing to the change in the number of establishments from year to year, and the consequent difference in the averages for the two groups of establishments in the same year, it is difficult to make comparisons of the actual data over a period of several years which will give an accurate measure of the changes throughout the period.

To aid in making such comparisons relative or index numbers have been computed from the averages of the preceding table for full-time hours per week, rates of wages per hour, and full-time weekly earnings for each occupation for the years 1910 to 1914, inclusive. These relatives are simply percentages in which the figures for 1914 are taken as the base, or 100 per cent. The relative for each year is the per cent that the average for that year is of the average for 1914, as determined by the following method.

The rates of wages per hour of female weavers are taken as an example.

	Number of estab- lish- ments.	Year.				
		1910	1911	1912	1913	1914
Rates of wages per hour.....	59	\$0.147	\$0.144			
	88		.148	\$0.163		
	88			.163	\$0.164	
	89				.164	\$0.167
Relative rates of wages per hour.....		90	89	98	98	100

The rate per hour for 1914 is taken as the base (100), then \$0.164 divided by \$0.167 equals 98, the relative for 1913. The ratio of 1912 to 1913 is \$0.163 to \$0.164. The relative for 1913, just determined (98), multiplied by \$0.163 and the result divided by \$0.164 equals 98, the relative for 1912. The ratio of 1911 to 1912 is \$0.148 to \$0.163. The relative for 1912 (98) multiplied by \$0.148 and the result divided by \$0.163 equals 89, the relative for 1911. The ratio of 1910 to 1911 is \$0.147 to \$0.144. The relative for 1911 (89) multiplied by \$0.147 and the result divided by \$0.144 equals 90, the relative for 1910. For greater accuracy, the relative numbers were carried to one decimal place during the process of computation, but are entered in the table to the nearest whole numbers.

The relatives thus computed are shown in the next table. For example, the relative full-time weekly earnings of card strippers in 1910 was 86 as compared with 100 in the year 1914; that is, the weekly earnings of card strippers in 1910 were 86 per cent of the weekly earnings in 1914.

This table also shows for each occupation the per cent of increase or decrease in full-time hours per week, rates of wages per hour, and full-time weekly earnings in 1914 as compared with each specified year preceding, and the change in each specified year as compared with the year immediately preceding. Thus the full-time weekly earnings of card strippers in 1914 were 16 per cent higher than 1910, 14 per cent higher than in 1911, 5 per cent higher than in 1912, and 2 per cent higher than in 1913. On the other hand, the earnings of card strippers were 2 per cent higher in 1911 than in 1910, 8 per cent higher in 1912 than in 1911, and so on.

The index numbers and percentages for each division of the industry as a whole appear at the end of each section of the table.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND IN THE INDUSTRY.

MANUFACTURING.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Card strippers, male:									
1910.....	103	-3	.....	83	+20	.....	86	+16	.....
1911.....	103	-3	(1)	85	+18	+2	88	+14	+2
1912.....	101	-1	-2	94	+6	+11	95	+5	+8
1913.....	101	-1	(1)	97	+3	+3	98	+2	+3
1914.....	100	.....	-1	100	.....	+3	100	.....	+2
Drawing tenders, male:									
1910.....	103	-3	.....	83	+20	.....	85	+18	.....
1911.....	103	-3	(1)	84	+19	+1	86	+16	+1
1912.....	101	-1	-2	93	+3	+11	93	+3	+8
1913.....	101	-1	(1)	94	+6	+1	95	+5	+2
1914.....	100	.....	-1	100	.....	+6	100	.....	+5
Drawing tenders, female:									
1910.....	105	-5	.....	78	+28	.....	81	+23	.....
1911.....	104	-4	-1	81	+23	+4	84	+19	+4
1912.....	103	-3	-1	94	+6	+16	96	+4	+14
1913.....	102	-2	-1	97	+3	+3	100	(1)	+4
1914.....	100	.....	-2	100	.....	+3	100	.....	(1)
Fine speeders, male:									
1910.....	102	-2	.....	87	+15	.....	88	+14	.....
1911.....	102	-2	(1)	90	+11	+3	91	+10	+3
1912.....	100	(1)	-2	95	+5	+6	98	+8	+2
1913.....	100	(1)	(1)	96	+4	+1	96	+4	+3
1914.....	100	.....	(1)	100	.....	+4	100	.....	+4
Fine speeders, female:									
1910.....	103	-3	.....	87	+15	.....	90	+11	.....
1911.....	104	-4	+1	88	+14	+1	91	+10	+1
1912.....	101	-1	-3	97	+3	+10	98	+2	+8
1913.....	101	-1	(1)	99	+1	+2	100	(1)	+2
1914.....	100	.....	-1	100	.....	+1	100	.....	(1)
Loom fixers, male:									
1910.....	103	-3	.....	86	+16	.....	89	+12	.....
1911.....	103	-3	(1)	87	+15	+1	90	+11	+1
1912.....	102	-2	-1	97	+3	+11	98	+2	+9
1913.....	101	-1	-1	97	+3	(1)	99	+1	+1
1914.....	100	.....	-1	100	.....	+3	100	.....	+1
Slashers, male:									
1910.....	103	-3	.....	92	+9	.....	96	+4	.....
1911.....	103	-3	(1)	92	+9	(1)	96	+4	(1)
1912.....	101	-1	-2	102	-2	+11	104	-4	+8
1913.....	101	-1	(1)	100	(1)	-2	102	-2	-2
1914.....	100	.....	-1	100	.....	(1)	100	.....	-2
Spinners, frame, male:									
1910.....	105	-5	.....	79	+27	.....	82	+22	.....
1911.....	104	-4	-1	82	+22	+4	85	+18	+4
1912.....	103	-3	-1	96	+4	+17	99	+1	+16
1913.....	103	-3	(1)	95	+5	-1	98	+2	-1
1914.....	100	.....	-3	100	.....	+5	100	.....	+2
Spinners, frame, female:									
1910.....	104	-4	.....	83	+20	.....	84	+19	.....
1911.....	104	-4	(1)	85	+18	+2	86	+16	+2
1912.....	102	-2	-2	95	+5	+12	94	+6	+9
1913.....	102	-2	(1)	97	+3	+2	98	+2	+4
1914.....	100	.....	-2	100	.....	+3	100	.....	+2

¹ No change.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1913 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND IN THE INDUSTRY—Continued.

MANUFACTURING—Concluded.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Spinners, mule, male:									
1910.....	104	-4	.....	87	+15	.....	80	+11	.....
1911.....	104	-4	(1)	89	+12	+2	82	+9	+2
1912.....	101	-1	-3	98	+2	+10	99	+1	+8
1913.....	101	-1	(1)	98	+2	(1)	99	+1	(1)
1914.....	100	.....	-1	100	.....	+2	100	.....	+1
Trimmers or inspectors, female:									
1910.....	101	-1	.....	89	+12	.....	81	+10	.....
1911.....	102	-2	+1	92	+9	+3	84	+6	+3
1912.....	101	-1	-1	100	(1)	+9	100	(1)	+6
1913.....	101	-1	(1)	99	+1	-1	100	(1)	(1)
1914.....	100	.....	-1	100	.....	+1	100	.....	(1)
Weavers, male:									
1910.....	103	-3	.....	87	+15	.....	89	+12	.....
1911.....	103	-3	(1)	89	+12	+2	92	+9	+3
1912.....	101	-1	-2	97	+3	+9	96	+2	+7
1913.....	101	-1	(1)	97	+3	(1)	96	+2	(1)
1914.....	100	.....	-1	100	.....	+3	100	.....	+2
Weavers, female:									
1910.....	104	-4	.....	90	+11	.....	94	+6	.....
1911.....	104	-4	(1)	89	+12	-1	92	+9	-2
1912.....	102	-2	-2	98	+2	+10	100	(1)	+9
1913.....	102	-2	(1)	98	+2	(1)	100	(1)	(1)
1914.....	100	.....	-2	100	.....	+2	100	.....	(1)
The industry (manufacturing):									
1910.....	103	-3	.....	88	+14	.....	90	+11	.....
1911.....	103	-3	(1)	88	+14	(1)	90	+11	(1)
1912.....	101	-1	-2	97	+3	+10	98	+2	+9
1913.....	101	-1	(1)	98	+2	+1	99	+1	+1
1914.....	100	.....	-1	100	.....	+2	100	.....	+1

FINISHING.

Calendriers, male:									
1911.....	102	-2	.....	94	+6	.....	98	+4	.....
1912.....	102	-2	(1)	95	+5	+1	97	+3	+1
1913.....	102	-2	(1)	97	+3	+2	98	+2	+1
1914.....	100	.....	-2	100	.....	+3	100	.....	+2
Engravers, male:									
1911.....	104	-4	.....	94	+6	.....	98	+2	.....
1912.....	103	-3	-1	95	+5	+1	98	+2	(1)
1913.....	104	-4	+1	95	+5	(1)	98	+2	(1)
1914.....	100	.....	-4	100	.....	+5	100	.....	+2
Folders, male:									
1911.....	103	-3	.....	82	+22	.....	95	+18	.....
1912.....	102	-2	-1	83	+14	+7	91	+10	+7
1913.....	101	-1	-1	90	+11	+2	92	+9	+1
1914.....	100	.....	-1	100	.....	+11	100	.....	+9
Knotters, female:									
1911.....	105	-5	.....	94	+6	.....	99	+1	.....
1912.....	103	-3	-2	98	+2	+4	101	-1	+2
1913.....	102	-2	-1	96	+4	-2	97	+3	-4
1914.....	100	.....	-2	100	.....	+4	100	.....	+3

¹ No change.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND IN THE INDUSTRY—Concluded.

FINISHING—Concluded.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Laborers, bleach house, male:									
1911	103	-3	-----	93	+ 8	-----	95	+ 5	-----
1912	102	-2	-1	96	+ 4	+ 3	98	+ 2	+3
1913	102	-2	(1)	99	+ 1	+ 3	101	- 1	+3
1914	100	-----	-2	100	-----	+ 1	100	-----	-1
Laborers, color mixing, male:									
1911	101	-1	-----	95	+ 5	-----	97	+ 3	-----
1912	101	-1	(1)	96	+ 4	+ 1	97	+ 3	(1)
1913	101	-1	(1)	99	+ 1	+ 3	100	(1)	+3
1914	100	-----	-1	100	-----	+ 1	100	-----	(1)
Laborers, dyehouse, male:									
1911	103	-3	-----	92	+ 9	-----	96	+ 4	-----
1912	102	-2	-1	98	+ 2	+ 7	101	- 1	+5
1913	102	-2	(1)	97	+ 3	- 1	100	(1)	-1
1914	100	-----	-2	100	-----	+ 3	100	-----	(1)
Printers, male:									
1911	102	-2	-----	93	+ 8	-----	96	+ 4	-----
1912	102	-2	(1)	93	+ 8	(1)	95	+ 5	-1
1913	101	-1	-1	92	+ 9	- 1	94	+ 6	-1
1914	100	-----	-1	100	-----	+ 9	100	-----	+6
The industry (finishing):									
1911	103	-3	-----	95	+ 5	-----	97	+ 3	-----
1912	102	-2	-1	97	+ 3	+ 2	99	+ 1	+2
1913	102	-2	(1)	97	+ 3	(1)	98	+ 2	-1
1914	100	-----	-2	100	-----	+ 3	100	-----	+2

¹ No change.

The general tendency is toward a reduction of hours and an increase in rates of wages per hour and of earnings per full week. On account of reduced hours, the increase in the full-time weekly earnings is not so great as in the hourly rates. The relative hours per week indicate the changes in the hours of employees working full time, but as stated on page 6, do not reflect in any way the greater or less amount of work afforded.

In examining the relative or index numbers for the several occupations and for the industry as a whole in the table above, it will be observed that they have been computed with 1914 taken as the base, or 100 per cent. The reasons for using the data for the most recent year available as the base for relative or index numbers are: First, the most recent data are probably the most accurate and representative; second, comparisons are more often made between recent years than between any others, and relatives based upon a recent

year are thus more valuable than those based upon a period more remote; and, third, this method permits the inclusion of new or additional occupations that it may be found desirable to introduce, and the computing of relatives for such occupations for the years for which data are available, on the same base as that upon which the relatives for other occupations are computed. This could not be done, of course, if the relatives were based upon data for some former year for which data concerning such occupations were not available.

A word of caution is given as to the use of relative numbers. The per cent of increase or decrease from one year to another is not the difference between the relative numbers for the years. Thus, as shown in the preceding table, the full-time weekly earnings in the manufacturing part of the industry increased from 90 in 1910 to 100 in 1914, an increase of 10 in the relative for 1914 over the relative for 1910, which number is 11 per cent of 90, thus making an increase of 11 per cent in full-time earnings per week in 1914 over 1910.

The relative numbers for the industry as a whole, covering 1910 to 1914, are computed directly from the average hours per week, rates of wages per hour, and weekly earnings of all employees in all occupations combined; that is, the relatives for the industry have been computed in the same manner as the relatives for each occupation. Data for cotton-goods finishing were not secured for 1910, so that the relatives for that branch of the industry extend back to 1911 only.

FLUCTUATIONS IN EMPLOYMENT DURING YEAR.

For discussion of this subject, see page 8. In this industry data were obtained from 87 manufacturing and 18 finishing establishments, showing the number of days the plant was in operation, the number of employees on the pay roll, and the amount of the pay roll for each pay-roll period for a year; also a statement of the number of days the plant was closed during the year, by causes.

The following table shows for these establishments the average number of days the plants were in operation, the total number of employees, the total amount of pay rolls, and the average earnings per employee in two-week periods during the year. It also shows the percentages that the number of employees, amount of pay rolls, and earnings per employee, respectively, for each two weeks, are of the averages for the year. These data are given on a two-week basis because in a large number of establishments the pay-roll periods cover two weeks, and it was not practicable to separate the figures so as to show them for one week; but for establishments with a weekly pay roll the wage payments for two consecutive weeks were combined so as to bring all establishments to the same basis. The column "Average days in operation" has reference to the establishment as a whole and not to the number of employees shown in the next column. For example, the average days in operation of all the plants during a given pay-roll period may have been only 10.3, while the employees who worked in the establishments actually in operation during that period may have averaged 11.7 days. These average days are based on the running days of the several establishments regardless of the number of employees in each.

The figures for manufacturing reflect quite a uniformity in the volume of employment in the industry during the 12 months covered. With few exceptions, there was little fluctuation in earnings per employee, except as the latter were affected by the days in operation, which in turn were very uniform except at times when holidays, which are generally observed, occurred and nearly all mills were closed.

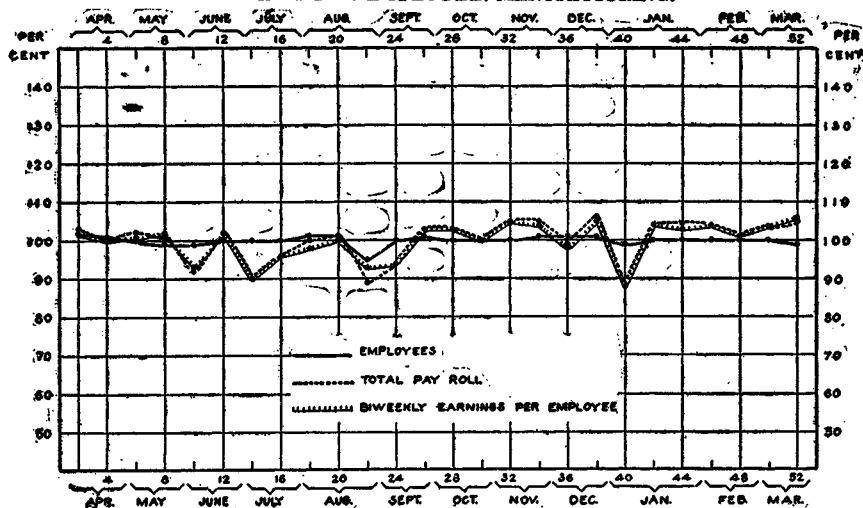
The data for finishing show that there was an increase in the number of employees and total pay rolls in the latter half of the year.

The graphic charts accompanying each section of this table are based on the percentages of the table and present at a glance the trend of the items shown.

AVERAGE DAYS ESTABLISHMENTS WERE IN OPERATION, EMPLOYEES, TOTAL PAY ROLLS, AND AVERAGE EARNINGS PER EMPLOYEE IN TWO WEEKS FOR THE YEAR ENDING APPROXIMATELY MARCH 23, 1914, BY 2-WEEK PERIODS: MANUFACTURING.

Two-week period ending approximately—	Average days establishments were in operation.	Employees.		Total pay rolls.		Average earnings per employee per two weeks.	
		Number.	Per cent of average for year.	Amount.	Per cent of average for year.	Amount.	Per cent of average for year.
April: 1913.							
12.....	12.0	69,289	102	\$1,020,524.52	103	\$14.73	102
26.....	11.8	68,811	101	990,015.32	100	14.39	100
May:							
10.....	11.9	68,511	100	1,005,295.86	102	14.67	101
24.....	11.9	67,718	99	996,082.14	101	14.71	102
June:							
7.....	11.2	67,736	99	912,554.96	92	13.47	93
21.....	11.9	68,182	100	1,003,184.71	102	14.71	102
July:							
5.....	10.8	68,211	100	887,113.50	90	13.01	90
19.....	11.5	67,988	100	945,733.24	96	13.91	96
August:							
2.....	11.9	69,176	101	983,487.62	100	14.22	98
16.....	11.9	68,854	101	995,617.71	101	14.46	100
30.....	10.9	65,056	95	878,941.45	89	13.51	93
September:							
13.....	11.3	68,112	100	923,034.74	94	13.55	94
27.....	12.0	68,726	101	1,020,813.05	103	14.85	103
October:							
11.....	11.9	68,173	100	1,017,654.23	103	14.93	103
25.....	11.7	68,308	100	988,276.02	100	14.47	100
November:							
8.....	12.0	68,482	100	1,035,164.98	105	15.12	105
22.....	12.0	68,835	101	1,031,741.52	106	14.99	104
December:							
6.....	11.5	68,789	101	976,655.38	99	14.20	99
20.....	11.9	68,698	101	1,045,719.64	106	15.22	106
1914.							
January:							
2.....	10.1	67,850	99	867,400.29	88	12.78	88
17.....	12.0	68,112	100	1,028,657.50	104	15.10	104
31.....	11.9	68,472	100	1,024,675.06	104	14.96	103
February:							
14.....	11.8	67,942	100	1,024,820.11	104	15.08	104
28.....	11.8	68,088	100	994,295.00	101	14.60	101
March:							
14.....	12.0	68,140	100	1,021,668.76	104	14.99	104
28.....	12.0	67,735	99	1,036,840.10	105	15.31	106
Average for year..	11.7	68,230	100	986,763.32	100	14.46	100

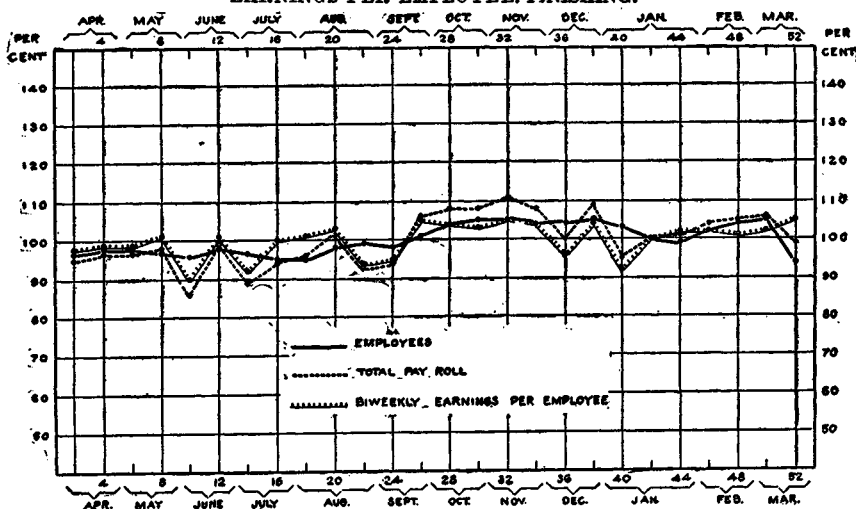
FLUCTUATIONS IN NUMBER OF EMPLOYEES, TOTAL PAY ROLLS, AND BIWEEKLY EARNINGS PER EMPLOYEE: MANUFACTURING.



AVERAGE DAYS ESTABLISHMENTS WERE IN OPERATION, EMPLOYEES, TOTAL PAY ROLLS, AND AVERAGE EARNINGS PER EMPLOYEE IN TWO WEEKS FOR THE YEAR ENDING APPROXIMATELY MARCH 28, 1914, BY 2-WEEK PERIODS: FINISHING.

Two-week period ending approximately—	Average days establishments were in operation.	Employees.		Total pay rolls.		Average earnings per employee per two weeks.	
		Number.	Per cent of average for year.	Amount.	Per cent of average for year.	Amount.	Per cent of average for year.
April: 1913.							
12.....	11.3	11,832	97	\$231,372.41	95	\$19.55	98
26.....	11.6	12,005	98	237,383.21	97	19.77	99
May:							
10.....	11.7	11,966	98	236,368.11	97	19.75	99
24.....	11.8	11,921	97	238,648.46	98	20.02	101
June:							
7.....	10.6	11,794	96	210,147.14	86	17.82	90
21.....	11.5	12,057	98	242,228.62	99	20.09	101
July:							
5.....	10.3	11,904	97	216,738.08	89	18.21	92
19.....	11.2	11,588	95	229,326.17	94	19.79	100
August:							
2.....	11.6	11,594	95	233,381.80	96	20.13	101
16.....	11.7	12,023	98	245,146.80	101	20.39	103
30.....	11.1	12,101	99	226,527.06	93	18.72	94
September:							
13.....	10.9	12,065	98	228,866.98	94	18.97	95
27.....	11.8	12,432	101	259,341.85	106	20.86	105
October:							
11.....	11.9	12,718	104	263,294.22	108	20.70	104
25.....	11.7	12,819	105	263,395.63	108	20.55	103
November:							
8.....	11.9	12,910	105	269,348.13	111	20.86	105
22.....	11.8	12,750	104	264,287.22	108	20.73	104
December:							
6.....	10.9	12,786	104	244,267.96	100	19.10	96
20.....	11.8	12,851	105	266,705.97	109	20.75	104
1914.							
January:							
3.....	10.2	12,639	103	230,880.84	95	18.27	92
17.....	11.7	12,214	100	242,895.23	100	19.88	100
31.....	11.7	12,154	99	245,935.28	101	20.23	102
February:							
14.....	11.7	12,480	102	252,701.87	104	20.25	102
28.....	11.7	12,706	104	254,851.55	105	20.06	101
March:							
14.....	11.6	12,809	105	259,076.66	106	20.23	102
28.....	11.8	11,560	94	241,673.21	99	20.91	105
Average for year..	11.4	12,257	100	243,637.52	100	19.88	100

FLUCTUATIONS IN NUMBER OF EMPLOYEES, TOTAL PAY ROLLS, AND BIWEEKLY EARNINGS PER EMPLOYEE: FINISHING.



The change in the volume of employment in the year ending with March, 1914, so far as this fact may be brought out by the pay rolls, is still further developed in the next table.

NUMBER OF ESTABLISHMENTS HAVING LARGEST AND SMALLEST PAY ROLLS IN MONTHS SPECIFIED.

MANUFACTURING.

Month.	Number of establishments having—			Number of establishments closed down entirely for—	
	Largest pay roll in specified months.	Smallest actual pay roll in specified months. ¹	Smallest full-time pay roll in specified months.	One week.	Two weeks.
1913.					
April.....	5	.....	9	.....	.....
May.....	1	4	7	1	1
June.....	5	.....	11	1	.....
July.....	8	36	11	2	2
August.....	2	1	10	13	.....
September.....	2	2	6	1	.....
October.....	9	1	6	.....	.....
November.....	5	.....	4	.....	.....
December.....	23	34	2	.....	.....
1914.					
January.....	5	5	7	.....	.....
February.....	5	3	7	.....	.....
March.....	17	1	7	.....	.....
Total.....	87	87	87	18	3

FINISHING.

1913.					
April.....	2	1	5	1	.....
May.....	1	5	4	.....	.....
June.....	.....	.....	1	.....	.....
July.....	.....	6	2	.....	.....
August.....	.....	1	1	2	.....
September.....	.....	2	.....	.....	.....
October.....	1	.....	.....	.....	.....
November.....	4	.....	2	.....	.....
December.....	4	2	1	.....	.....
1914.					
January.....	2	.....	1	.....	.....
February.....	2	.....	.....	.....	.....
March.....	2	1	1	.....	.....
Total.....	18	18	18	3	.....

¹ Not including pay-roll periods during which factory was idle all the time.

² Closed 3 weeks.

³ Including 1 establishment closed 3 weeks.

The table shows for 87 manufacturing and 18 finishing establishments the months during which the largest, smallest full-time, and smallest actual pay-roll periods occur, and the number of establishments closed down entirely for one or two weeks each month. It will be seen that in cotton manufacturing the largest pay rolls and smallest full-time pay rolls, as well as the smallest actual pay rolls are well distributed through the various months of the year, except for the many largest pay rolls in December and March and the exceptional number of smallest actual pay rolls in July and December due to holidays. The largest pay roll of the year occurred in at least one establishment in each month, and the smallest full-time pay roll occurred in at least two establishments in each month.

Attention is called to the fact that the same month may show a considerable number of both large and small pay rolls, because as a rule each pay-roll period covers only one or at most two weeks, so that it is possible for an establishment to have a very large and a very small pay roll in the same month.

The next table shows the number of days that each of 89 manufacturing and 18 finishing establishments reporting was in operation during the year and the number of days idle, by specified causes. It will be seen that aside from holidays and vacations, which are the result of custom or of an accepted policy of the establishments, the number of days idle was very small. The total average days idle during the year was 9.9 for manufacturing and 14.7 for finishing.

**NUMBER OF DAYS ESTABLISHMENTS WERE IN OPERATION, AND NUMBER OF DAYS
IDLE, BY SPECIFIED CAUSES, DURING YEAR.**

MANUFACTURING.

State and establishment number.	Days in operation during year of 52 weeks.	Number of week days idle during year of 52 weeks on account of—					Total week days idle during year.
		Holidays and va- cations.	Strikes or lock- outs.	Slack work.	Inven- tory.	Other causes.	
Alabama:							
Establishment No. 1.....	301	8				¹ 3	11
Establishment No. 2.....	308	4					4
Establishment No. 3.....	307	5					5
Establishment No. 4.....	309	3					3
Establishment No. 5.....	308	4					4
Establishment No. 6.....	305	7					7
Establishment No. 7.....	306	3				¹ 3	6
Connecticut:							
Establishment No. 8.....	304	8					8
Establishment No. 9.....	296	7		3		¹ 6	16
Georgia:							
Establishment No. 10.....	307	5					5
Establishment No. 11.....	305	7					7
Establishment No. 12.....	306	6					6
Establishment No. 13.....	305	7					7
Establishment No. 14.....	308	4					4
Establishment No. 15.....	283	5				² 24	29
Establishment No. 16.....	304	5				¹ 3	8
Establishment No. 17.....	307	5					5
Establishment No. 18.....	300	5				¹ 7	12
Establishment No. 19.....	308	4					4
Establishment No. 20.....	302	10					10
Establishment No. 21.....	304	5				² 3	8
Establishment No. 22.....	300	6		6			12
Maine:							
Establishment No. 23.....	304	8					8
Establishment No. 24.....	299	9		4			13
Establishment No. 25.....	305	6		1			7
Establishment No. 26.....	301	11					11
Establishment No. 27.....	294	8		10			18
Massachusetts:							
Establishment No. 28.....	301	11					11
Establishment No. 29.....	304	8					8
Establishment No. 30.....	301	8				¹ 3	11
Establishment No. 31.....	300	11		1			12
Establishment No. 32.....	305	7					7
Establishment No. 33.....	295	17					17
Establishment No. 34.....	302	10					10
Establishment No. 35.....	298	14					14
Establishment No. 36.....	272	26		14			40
Establishment No. 37.....	304	8					8
Establishment No. 38.....	295	17					17
Establishment No. 39.....	302	10					10
Establishment No. 40.....	296	16					16
Establishment No. 41.....	295	17					17
Establishment No. 42.....	303	8		1			9
Establishment No. 43.....	304	8					8
Establishment No. 44.....	299	13					13
Establishment No. 45.....	302	10					10
New Hampshire:							
Establishment No. 46.....	295	17					17
Establishment No. 47.....	294	17		1			18
Establishment No. 48.....	289	23					23
Establishment No. 49.....	295	17					17
Establishment No. 50.....	295	17					17
New York:							
Establishment No. 51.....	303	9					9
Establishment No. 52.....	296	7		9			16
North Carolina:							
Establishment No. 53.....	304	8					8
Establishment No. 54.....	304	8					8
Establishment No. 55.....	309	3					3
Establishment No. 56.....	300	4				² 8	12
Establishment No. 57.....	306	6					6
Establishment No. 58.....	304	2				² 6	8
Establishment No. 59.....	305	7					7
Establishment No. 60.....	301	11					11
Establishment No. 61.....	306	6					6
Establishment No. 62.....	298	8		6			14
Establishment No. 63.....	301	11					11
Establishment No. 64.....	305	6				² 1	7

¹ Repairs.² Cause not reported.³ Low water.

NUMBER OF DAYS ESTABLISHMENTS WERE IN OPERATION, AND NUMBER OF DAYS IDLE, BY SPECIFIED CAUSES, DURING YEAR—Concluded.

MANUFACTURING—Concluded.

State and establishment number.	Days in operation during year of 52 weeks.	Number of week days idle during year of 52 weeks on account of—					Total week days idle during year.
		Holidays and vacations.	Strikes or lock-outs.	Slack work.	Inventory.	Other causes.	
Pennsylvania:							
Establishment No. 65.....	303	6		3			9
Rhode Island:							
Establishment No. 66.....	307	5					5
Establishment No. 67.....	292	12				18	20
Establishment No. 68.....	305	7					7
South Carolina:							
Establishment No. 69.....	301	11					11
Establishment No. 70.....	310	2					2
Establishment No. 71.....	301	11					11
Establishment No. 72.....	300	6				16	12
Establishment No. 73.....	307	5					5
Establishment No. 74.....	306	6					6
Establishment No. 75.....	308	4					4
Establishment No. 76.....	306	6					6
Establishment No. 77.....	301	6				15	11
Establishment No. 78.....	302	4				16	10
Establishment No. 79.....	308	4					4
Establishment No. 80.....	296	7				19	16
Establishment No. 81.....	310	2					2
Establishment No. 82.....	309	3					3
Establishment No. 83.....	307	5					5
Establishment No. 84.....	304	8					8
Establishment No. 85.....	306	6					6
Establishment No. 86.....	307	5					5
Establishment No. 87.....	308	4					4
Establishment No. 88.....	299	6				17	13
Establishment No. 89.....	305	7					7
Average per establishment.	302.1	8.1		0.7		1.2	9.9

FINISHING.

Connecticut:							
Establishment No. 1.....	302	6		4			10
Establishment No. 2.....	298	5	9				14
Maine:							
Establishment No. 3.....	292	6		14			20
Massachusetts:							
Establishment No. 4.....	297	15					15
Establishment No. 5.....	295	17					17
Establishment No. 6.....	303	5			2	12	9
New Hampshire:							
Establishment No. 7.....	281	19		12			31
New Jersey:							
Establishment No. 8.....	307	5					5
Establishment No. 9.....	305	7					7
New York:							
Establishment No. 10.....	306	6					6
Establishment No. 11.....	297	10		5			15
Pennsylvania:							
Establishment No. 12.....	305	7					7
Rhode Island:							
Establishment No. 13.....	307	5					5
Establishment No. 14.....	306	6					6
Establishment No. 15.....	305	7					7
Establishment No. 16.....	246	5		61			66
Establishment No. 17.....	293	5		14			19
Establishment No. 18.....	307	5					5
Average per establishment.	297.3	7.8	0.5	6.1	0.1	6.1	14.7

¹ Repairs.² Cause not reported.

The following table shows for each of 88 manufacturing and 18 finishing establishments the working time of males and females throughout the year. Any changes of two weeks or more duration are shown, and not only are the total hours per week given, but also the hours per day from Monday to Friday, inclusive, and the hours on Saturday, which in every case except in three finishing establishments are less than for the other days of the week. It will be seen that there are very few fluctuations in the hours shown, and that aside from reductions which appear to be permanent there were few changes.

WORKING TIME OF ESTABLISHMENTS, BY STATES.
MANUFACTURING.

Es- tab- lish- ment No.	State and date.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
<i>Alabama.</i>							
1	Entire year.....	10 $\frac{7}{8}$	9 $\frac{1}{2}$	63	10 $\frac{7}{8}$	9 $\frac{1}{2}$	63
2	Do.....	10 $\frac{1}{2}$	6 $\frac{1}{2}$	60	10 $\frac{1}{2}$	6 $\frac{1}{2}$	60
3	Do.....	11	5	60	11	5	60
4	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
5	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
6	Apr. 1 to June 30, 1913.....	11 $\frac{1}{2}$	6 $\frac{1}{4}$	66	11 $\frac{1}{2}$	6 $\frac{1}{4}$	66
	July 1, 1913, to Mar. 31, 1914.....	11	5	60	11	5	60
7	Entire year.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
<i>Connecticut.</i>							
8	Apr. 1 to Dec. 31, 1913.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
9	Apr. 1 to Dec. 31, 1913.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
<i>Georgia.</i>							
10	Entire year.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
11	Do.....	11	5	60	11	5	60
12	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
13	Do.....	11	5	60	11	5	60
14	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{4}$	60	10 $\frac{1}{2}$	5 $\frac{1}{4}$	60
15	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
16	Do.....	11	5	60	11	5	60
17	Do.....	11	5	60	11	5	60
18	Do.....	11	5	60	11	5	60
19	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{4}$	60	10 $\frac{1}{2}$	5 $\frac{1}{4}$	60
20	Do.....	11	5	60	11	5	60
21	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
22	Do.....	11	5	60	11	5	60
<i>Maine.</i>							
23	Entire year.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
24	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
25	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
26	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
27	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58	10 $\frac{1}{2}$	5 $\frac{1}{2}$	58
<i>Massachusetts.¹</i>							
28	Entire year.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
29	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
30	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
31	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
32	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
33	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
34	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54
35	Do.....	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54	9 $\frac{1}{2}$	5 $\frac{1}{2}$	54

¹ Under a State law effective Sept. 1, 1913, minors under 16 years of age may work only 8 hours a day, 45 $\frac{1}{2}$ hours a week.

WORKING TIME OF ESTABLISHMENTS, BY STATES—Continued.

MANUFACTURING—Continued.

Es- tab- lish- ment No.	State and date.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
	<i>Massachusetts</i> ¹ —Concluded.						
36	Entire year.....	9½	5½	54	9½	5½	54
37	Do.....	9½	5½	54	9½	5½	54
38	Do.....	9½	5½	54	9½	5½	54
39	Do.....	9½	5½	54	9½	5½	54
40	Do.....	9½	5½	54	9½	5½	54
41	Do.....	9½	5½	54	9½	5½	54
42	Do.....	9½	5½	54	9½	5½	54
43	Do.....	9½	5½	54	9½	5½	54
44	Do.....	9½	5½	54	9½	5½	54
45	Do.....	9½	5½	54	9½	5½	54
	<i>New Hampshire.</i>						
46	Apr. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
47	Apr. 5 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Apr. 4, 1914.....	10	5	55	10	5	55
48	Apr. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
49	Apr. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
	<i>New York.</i>						
50	Entire year.....	10	4	54	10	4	54
51	Do.....	* 10	* 4	* 54	* 10	* 4	* 54
	<i>North Carolina.</i>						
52	Entire year.....	11	5	60	11	5	60
53	Do.....	11	5	60	11	5	60
54	Do.....	11	5	60	11	5	60
55	Do.....	11	5	60	11	5	60
56	Do.....	11	5	60	11	5	60
57	Do.....	11	5	60	11	5	60
58	Do.....	* 11	5½	60	* 11	5½	60
59	Do.....	10½	5½	60	10½	5½	60
60	Do.....	11	5	60	11	5	60
61	Do.....	11	5	60	11	5	60
62	Do.....	10½	5½	60	10½	5½	60
63	Do.....	10½	5½	60	10½	5½	60
	<i>Pennsylvania.</i>						
64	Apr. 1 to Oct. 30, 1913.....	* 10½	* 5½	* 58	10½	5½	58
	Nov. 1, 1913, to Mar. 31, 1914.....	* 9½	* 4½	* 54	9½	4½	54
	<i>Rhode Island.</i>						
65	Apr. 1 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	4½	54	9½	4½	54
66	Apr. 1 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
67	Apr. 1, 1913, to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
	<i>South Carolina.</i>						
68	Entire year.....	11	5	60	11	5	60
69	Do.....	11	5	60	11	5	60
70	Do.....	11	5	60	11	5	60
71	Do.....	11	5	60	11	5	60
72	Do.....	11	5	60	11	5	60
73	Do.....	11	5	60	11	5	60

¹ See note on p. 28.

* Except minors, 3 hours.

* Except minors, 3 hours.

* Except minors, 43 hours.

* Except Friday, 10½ hours.

* Except loom fixers, 10 hours.

* Except loom fixers, 5 hours.

* Except loom fixers, 55 hours.

WORKING TIME OF ESTABLISHMENTS, BY STATES—Continued.

MANUFACTURING—Concluded.

Estab- lish- ment No.	State and date.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
	<i>South Carolina—Concluded.</i>						
74	Apr. 1 to Dec. 15, 1913.....	10 $\frac{1}{2}$	6	60	10 $\frac{1}{2}$	6	60
	Dec. 16, 1913, to Mar. 28, 1914.....	11	5	60	11	5	60
75	Entire year.....	11	5	60	11	5	60
76	Do.....	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60	10 $\frac{1}{2}$	5 $\frac{1}{2}$	60
77	Do.....	10 $\frac{1}{2}$	6 $\frac{1}{2}$	60	10 $\frac{1}{2}$	6 $\frac{1}{2}$	60
78	Apr. 1 to Dec. 14, 1913.....	10 $\frac{1}{2}$	6	60	10 $\frac{1}{2}$	6	60
	Dec. 15, 1913, to Mar. 28, 1914.....	11	5	60	11	5	60
79	Entire year.....	11	5	60	11	5	60
80	Do.....	11	5	60	11	5	60
81	Do.....	11	5	60	11	5	60
82	Do.....	11	5	60	11	5	60
83	Do.....	11	5	60	11	5	60
84	Do.....	11	5	60	11	5	60
85	Do.....	11	5	60	11	5	60
86	Do.....	11	5	60	11	5	60
87	Do.....	11	5	60	11	5	60
88	Do.....	11	5	60	11	5	60

FINISHING.

Connecticut.							
1	Apr. 1 to Dec. 31, 1913.....	10	10	60	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
2	Apr. 1 to Dec. 31, 1913.....	10	10	60	10	8	58
	Jan. 1 to Mar. 28, 1914.....				10	5	55
Maine.							
3	Entire year.....	10½	5½	58	10½	5½	58
Massachusetts.							
4	Entire year.....	10½	5½	58	9¾	5½	54
5	Do.....	9¾	5½	54	9¾	5½	54
6	Do.....	10½	5½	58	9¾	5½	54
New Hampshire.							
7	Apr. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
New Jersey.							
8	Entire year.....	10	10	60	10	10	60
9	Do.....	10 10½	11 5½	12 60	10½	5½	60

¹ Except calenders, 8 hours, and printers and engravers, 5 hours.

² Except calenders, 58 hours, and printers and engravers, 55 hours.

³ Except calenders, printers, and engravers, who work different hours, varying from 49 $\frac{1}{2}$ to 60 per week.

⁴ Except engravers, 9 $\frac{1}{4}$ hours; folders and finishing department, 9 $\frac{1}{4}$ hours; minors under 16 years of age, 8 hours.

⁵ Except engravers, 5 hours; folders and finishing department, 5 $\frac{1}{2}$ hours; minors under 16 years of age, 4 to 5 $\frac{1}{2}$ hours.

⁶ Except engravers, 52 $\frac{1}{2}$ hours; folders and finishing department, 54 hours; minors under 16 years of age, 44 to 45 $\frac{1}{2}$ hours.

⁷ Except engravers, 9 and 9 $\frac{1}{2}$ hours; minors under 16 years of age, 8 hours; minors over 16 and under 18, 9 $\frac{1}{2}$ hours.

⁸ Except engravers, 5 hours; minors under 16 years of age, 6 hours; minors over 16 and under 18, 6 $\frac{1}{2}$ hours.

⁹ Except engravers, 50 and 52 $\frac{1}{2}$ hours; minors under 16 years of age, 46 hours; minors over 16 and under 18, 54 hours.

¹⁰ Except printing department, 10 $\frac{1}{2}$ hours.

¹¹ Except printing department, 5 $\frac{1}{2}$ hours.

¹² Except printing department, 58 hours.

WORKING TIME OF ESTABLISHMENTS, BY STATES—Concluded.

FINISHING—Concluded.

Es- tab- lish- ment No.	State and data.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
	<i>New York.</i>						
10	Entire year.....	1 10½	2 6½	5 60	10	4	54
11	Do.....	9½	5½	54	9½	5½	54
	<i>Pennsylvania.</i>						
12	Entire year.....	12	.....	60	12	.....	60
	<i>Rhode Island.</i>						
13	Apr. 1 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	4 10½	5½	56	10	4	54
14	Apr. 1 to June 30, 1913.....	10½	5½	56	10	5	55
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
15	Apr. 1 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	4½	54	9½	4½	54
16	Apr. 1 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
17	Apr. 1 to June 30, 1913.....	4 10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	10	4	54	10	4	54
18	Apr. 1 to June 30, 1913.....	7 11	5	60	10½	3½	55
	July 1, 1913, to Mar. 28, 1914.....	10	4	54	10	4	54

¹ Except engraving department, 9½; printing department, 11; folding department, 10 hours.

² Except engraving department, 5½ hours; printing department which does not work on Saturday; folding department, 10 hours.

³ Except engraving department, 53 hours; printing department, 55 hours.

⁴ Except engravers, 10 hours.

⁵ Except engravers, 5 hours.

⁶ Except engravers, 55 hours.

⁷ Except engravers, 10 hours; folders 10½ hours; laborers, bleach house, laborers, color mixing, and printers, 11½ hours.

⁸ Except engravers and folders, 5 hours; laborers, bleach house, laborers, color mixing, and printers who do not work on Saturday.

⁹ Except engravers, 55 hours; folders, laborers, bleach house, laborers, color mixing, and printers, 56 hours.

As stated on page 5, data have been secured showing, for 1914, the hours actually worked by employees. The following table, which is a summary of General Tables VII and XIV, shows the number and per cent of employees working certain classified percentages of full time, by States. This table shows data for manufacturing and finishing separately, and under each department is divided into two sections, one relating to employees whose time was reported for one week and the other relating to those whose time was reported for two weeks in such a way that it could not be divided. Seventeen establishments having semimonthly pay rolls are omitted altogether from this table.

NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, BY STATES.

MANUFACTURING.

One-week pay rolls.

[Seventeen establishments having semimonthly pay-roll periods are omitted from this table.]

State.	Number of establishments.	Total number of employees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Alabama.....	1	567	245	43	322	57	159	28	66	12	28	5
Connecticut.....	2	692	340	49	352	51	154	22	52	8	28	4
Georgia.....	10	4,973	2,077	42	2,896	58	1,657	33	804	16	381	8
Maine.....	5	3,339	2,218	66	1,121	34	588	18	223	7	67	2
Massachusetts.....	18	14,447	10,752	74	3,695	26	1,760	12	874	6	358	2
New Hampshire.....	3	3,020	2,354	78	666	22	305	10	93	3	32	1
New York.....	2	1,401	1,106	79	295	21	201	14	102	7	60	4
North Carolina.....	4	1,029	633	62	396	38	217	21	86	8	28	3
Rhode Island.....	3	2,399	1,727	72	672	28	321	13	189	8	108	5
South Carolina.....	14	6,691	2,670	40	4,021	60	2,103	31	1,079	16	420	6
Total.....	62	38,558	24,122	63	14,436	37	7,465	19	3,568	9	1,510	4

Two-week pay rolls.

Alabama.....	6	3,315	1,133	34	2,182	66	1,010	30	503	15	238	7
Connecticut.....	2	213	114	54	99	46	18	8	4	2	-----	-----
Georgia.....	10	1,313	253	19	1,060	81	579	44	300	23	108	8
Maine.....	5	1,172	756	65	416	35	313	27	113	10	64	5
Massachusetts.....	18	6,406	4,680	73	1,726	27	1,064	17	360	6	161	3
New Hampshire.....	5	14,862	8,774	59	6,088	41	2,924	20	1,473	10	691	5
New York.....	2	467	330	72	127	28	87	19	27	6	12	3
North Carolina.....	6	885	267	30	618	70	260	29	125	14	40	5
Rhode Island.....	3	1,164	364	31	800	69	215	18	76	7	27	2
South Carolina.....	15	3,592	676	19	2,916	81	1,834	51	1,131	31	598	17
Total.....	72	33,379	17,347	52	16,032	48	8,304	25	4,112	12	1,939	6

FINISHING.

One-week pay rolls.

Connecticut.....	3	1,268	918	72	350	28	129	10	29	2	12	1
Georgia.....	1	2	1	50	1	50	1	50	1	50	-----	-----
Maine.....	1	490	174	36	316	64	59	12	13	3	2	(1)
Massachusetts.....	9	4,614	3,091	67	1,523	33	354	8	109	2	33	1
New Hampshire.....	1	26	25	96	1	-----	-----	-----	-----	-----	-----	-----
New Jersey.....	1	235	71	30	164	70	27	11	4	2	-----	-----
New York.....	2	1,334	859	64	475	36	114	9	41	3	18	1
Rhode Island.....	6	3,193	1,912	60	1,280	40	338	11	91	3	35	1
South Carolina.....	1	11	6	55	5	45	4	36	2	18	1	9
Total.....	25	11,178	7,057	63	4,121	37	1,026	9	290	3	101	1

Two-week pay rolls.

Alabama.....	1	22	11	50	11	50	7	32	2	9	2	9
New Hampshire.....	2	531	320	60	211	40	50	9	28	5	10	2
New Jersey.....	1	371	197	53	174	47	28	8	11	3	1	(1)
North Carolina.....	1	18	6	33	12	67	5	28	3	17	2	11
Pennsylvania.....	1	738	421	57	317	43	94	13	42	6	12	2
Total.....	6	1,680	955	57	725	43	184	11	86	5	27	2

¹ Less than 1 per cent.

The data for the manufacturing section of this report are from mills which make cambrics, chambrays, checks, converters' goods, colored goods, combed goods, cotton flannels, crêpes, damasks, denims, drills, foulardines, gingham, lawns, madras, napped fabrics, organdies, percales, print cloths, sateens, sheetings, shirtings, stripes, tickings, twills, etc. Mills making mixed cotton and silk goods are not included.

All of the establishments from which data were secured both spin and weave. Some of the establishments furnishing data concerning cotton manufacturing have finishing departments, for which data were obtained at the same time. In addition, data were obtained from several establishments engaged exclusively in finishing cotton goods.

The number of establishments for which data were secured vary considerably during the period included in the report, as follows:

MANUFACTURING.

1907 to 1910.....	36 identical establishments.
1910 and 1911.....	59 identical establishments.
1911 and 1912.....	88 identical establishments.
1912 and 1913.....	88 identical establishments.
1913 and 1914.....	90 identical establishments.

FINISHING.

1911 and 1912.....	30 identical establishments.
1912 and 1913.....	27 identical establishments.
1913 and 1914.....	33 identical establishments.

The following table shows by States the number of employees in the cotton-goods manufacturing industry as reported by the United States Census, 1910, the number of establishments from which the Bureau secured data for 1914, and the number of employees for whom such data were secured.

27609°—Bull. 190—16—3

TOTAL NUMBER OF EMPLOYEES IN COTTON-GOODS MANUFACTURING, AND NUMBER OF EMPLOYEES FOR WHICH DATA ARE SHOWN FOR 1914.

State.	Number of employees reported by United States Census, 1910.	Establishments and employees for which data are shown for 1914 in this report.	
		Number of establishments.	Number of employees.
Massachusetts.....	108,914	18	20,735
North Carolina.....	47,231	13	5,120
South Carolina.....	45,454	21	12,656
Rhode Island.....	28,786	3	3,524
Georgia.....	27,803	13	7,688
New Hampshire.....	22,290	5	17,865
Pennsylvania.....	16,293	11	1,774
Maine.....	14,634	5	4,468
Connecticut.....	14,360	12	1,891
Alabama.....	12,731	7	4,087
New York.....	10,663	12	1,851
Other States ¹	29,721	.....	.....
Total.....	378,880	90	79,659

¹ Hours of pieceworkers not being a matter of record in most establishments causes small representation.

² Includes States having less than 10,000 employees in 1909.

According to the census of 1910 more than 92 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the Bureau secured 1914 data and for which detailed information for 1914 is presented in this report was equal to 21 per cent of the total in the industry in 1909, the year to which the census figures apply.

The number of employees in cotton-goods finishing for whom data for 1914 are shown is as follows:

Massachusetts.....	4,614
Rhode Island.....	3,198
New York.....	1,334
Connecticut.....	1,268
Pennsylvania.....	794
New Jersey.....	606
New Hampshire.....	557
Maine.....	490
Other States.....	152
Total.....	13,013

The specified occupations for which data are shown for 1914 are:

Manufacturing.	Finishing.
Card strippers.	Calendriers.
Drawing tenders.	Engravers.
Fine speeders.	Folders.
Loom fixers.	Knotters.
Slashers.	Laborers, bleach house.
Spinners, frame.	Laborers, color mixing.
Spinners, mule.	Laborers, dye house.
Trimmers or inspectors.	Printers.
Weavers.	

Of the 9 selected manufacturing occupations tabulated, data are shown for males alone in 4, for females alone in 1, and for both males and females in 4 occupations. In finishing males alone are tabulated in 7 occupations and females alone in 1 occupation.

In addition to the text tables already shown, 14 general tables are given as follows:

MANUFACTURING.

Table I.—Average and classified rates of wages per hour in the United States, by years, 1907 to 1914.

Table II.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914.

Table III.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.

Table IV.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1914.

Table V.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914.

Table VI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914.

Table VII.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.

FINISHING.

Table VIII.—Average and classified rates of wages per hour in the United States, by years, 1911 to 1914.

Table IX.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914.

Table X.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.

Table XI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1911 to 1914.

Table XII.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914.

Table XIII.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914.

Table XIV.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.

In Tables I, IV, VIII, and XI, in addition to actual data, percentages computed from such data are given. Where data for a State are available in sufficient amount to warrant presentation separately, such data are shown by States in Tables II, III, V, VI, VII, IX, X, XII, XIII, and XIV.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914.

MANUFACTURING.

[The figures opposite each group of years are for identical establishments.]

NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over	
<i>Card strippers, male.</i>																	
36 establishments.	1907	284	59.8	\$.131	.....	.....	.....	2	33	24	110	98	16	.....	.....	.....	.....
	1908	289	59.3	.124	.....	.....	.....	2	32	60	148	40	7	.....	.....	.....	.....
	1909	287	59.3	.121	.....	.....	.....	2	30	77	163	15	.....	.....	.....	.....	.....
	1910	318	57.8	.124	.....	.....	.....	3	16	83	196	19	1	.....	.....	.....	.....
59 establishments.	1910	523	58.4	.120	.....	.....	1	28	27	138	295	29	5	.....	.....	.....	.....
	1911	515	58.3	.122	.....	.....	1	20	28	135	298	28	5	.....	.....	.....	.....
88 establishments.	1911	786	58.3	.121	.....	.....	1	26	30	225	461	37	6	.....	.....	.....	.....
	1912	800	57.1	.134	.....	.....	.....	6	10	151	253	344	36	.....	.....	.....	.....
88 establishments.	1912	804	57.1	.134	.....	.....	.....	6	10	155	253	344	36	.....	.....	.....	.....
	1913	845	57.2	.138	.....	.....	1	4	7	130	245	375	73	10	.....	.....	.....
90 establishments.	1913	871	57.1	.139	.....	.....	1	4	7	130	248	379	79	17	6	.....	.....
	1914	904	56.3	.144	.....	.....	4	.....	5	115	224	363	172	18	3	.....	.....
<i>Drawing tenders, male.</i>																	
34 establishments.	1907	219	60.4	.100	17	22	17	13	17	74	54	5	.....	.....	.....	.....	.....
	1908	234	59.7	.098	8	18	36	19	29	85	35	4	.....	.....	.....	.....	.....
	1909	253	59.7	.099	7	23	21	24	47	93	35	3	.....	.....	.....	.....	.....
	1910	253	58.5	.098	13	9	34	18	53	81	40	5	.....	.....	.....	.....	.....
56 establishments.	1910	436	59.5	.096	15	15	46	58	124	126	47	5	.....	.....	.....	.....	.....
	1911	457	59.7	.097	15	22	37	90	116	99	70	8	.....	.....	.....	.....	.....
84 establishments.	1911	750	59.5	.097	31	22	83	125	186	192	90	19	2	.....	.....	.....	.....
	1912	723	57.9	.108	7	12	84	39	71	259	184	51	14	2	.....	.....	.....
82 establishments.	1912	727	57.9	.108	7	12	91	38	71	257	184	51	14	2	.....	.....	.....
	1913	624	58.0	.109	8	3	69	15	79	221	159	55	12	3	.....	.....	.....
76 establishments.	1913	572	58.4	.109	8	3	69	15	55	213	149	47	10	3	.....	.....	.....
	1914	660	57.9	.116	2	5	51	28	54	200	206	84	24	5	1	.....	.....
<i>Drawing tenders, female.</i>																	
19 establishments.	1907	234	60.2	.093	19	8	20	38	41	100	8	.....	.....	.....	.....	.....	.....
	1908	232	59.3	.093	18	13	40	43	25	54	39	.....	.....	.....	.....	.....	.....
	1909	249	59.4	.091	19	12	38	54	30	79	17	.....	.....	.....	.....	.....	.....
	1910	238	58.1	.089	14	6	39	56	51	61	5	1	.....	.....	.....	.....	.....
27 establishments.	1910	359	58.2	.090	14	26	40	71	104	98	5	1	.....	.....	.....	.....	.....
	1911	344	57.7	.094	16	11	43	59	86	95	33	1	.....	.....	.....	.....	.....
45 establishments.	1911	502	57.8	.095	16	19	47	68	155	151	45	1	.....	.....	.....	.....	.....
	1912	525	57.0	.110	4	12	4	26	58	327	69	20	4	1	.....	.....	.....
	1913	594	56.8	.114	2	8	7	10	40	352	118	43	11	3	.....	.....	.....
32 establishments.	1913	594	56.7	.115	2	8	4	6	39	349	131	41	11	3	.....	.....	.....
	1914	574	55.5	.118	10	6	4	4	36	255	199	32	23	4	1	.....	.....
<i>Fine speeders, male.</i>																	
16 establishments.	1907	201	63.9	.116	2	12	10	12	17	63	52	18	10	5	.....	.....	.....
	1908	224	61.1	.123	.....	.....	6	14	24	77	58	20	12	5	8	.....	.....
	1909	258	61.2	.129	.....	1	4	10	19	66	79	52	21	4	2	.....	.....
	1910	249	61.0	.131	.....	.....	4	11	14	63	72	43	32	8	2	.....	.....

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and un- der 7 cts.	7 and un- der 8 cts.	8 and un- der 9 cts.	9 and un- der 10 cts.	10 and un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 cts. and over.	
<i>Fine speeders, male—Concluded.</i>																	
32 establishments.	1910	426	61.4	\$0.131	.....	.....	4	23	26	107	115	69	60	19	3	.....	
	1911	396	61.4	.135	.....	.....	1	20	20	87	118	67	45	35	8	.....	
62 establishments.	1911	623	61.2	.135	.....	.....	5	30	32	131	168	140	66	46	5	.....	
	1912	666	59.7	.142	.....	1	5	19	16	97	198	155	106	60	9	.....	
61 establishments.	1912	680	59.7	.143	.....	1	5	19	15	92	203	166	107	63	9	.....	
	1913	745	59.8	.145	.....	.....	2	3	26	116	188	212	116	53	27	2	
55 establishments.	1913	742	59.7	.145	.....	.....	2	3	24	111	189	214	116	51	26	6	
	1914	778	59.7	.151	.....	2	2	2	11	70	196	226	152	73	40	4	
<i>Fine speeders, fe- male.</i>																	
35 establishments.	1907	721	59.3	.139	.....	2	7	26	25	95	176	242	123	19	6	.....	
	1908	694	59.1	.138	.....	.....	8	25	36	118	168	185	100	51	3	.....	
	1909	714	59.1	.135	.....	.....	1	13	31	119	246	246	51	5	2	.....	
	1910	800	57.6	.134	.....	.....	10	26	39	125	286	217	64	29	4	.....	
57 establishments.	1910	1,175	57.8	.133	.....	.....	11	36	59	194	413	326	99	31	6	.....	
	1911	1,189	57.9	.135	.....	2	7	29	62	202	352	338	106	34	5	2	
82 establishments.	1911	1,753	57.9	.136	.....	3	13	38	89	283	505	539	169	53	8	3	
	1912	1,784	56.6	.149	.....	2	2	26	60	195	286	593	429	149	39	3	
80 establishments.	1912	1,791	56.7	.148	.....	2	2	26	60	196	288	595	429	149	39	3	
	1913	1,855	56.7	.151	.....	.....	.....	12	36	181	316	643	472	139	54	3	
79 establishments.	1913	1,946	56.5	.153	.....	.....	.....	12	36	179	316	650	519	166	59	9	
	1914	2,001	55.8	.155	.....	3	2	16	33	177	280	590	600	203	91	6	
<i>Loom fixers, male.</i>																	
36 establishments.	1907	631	60.8	.207	.....	.....	.....	.....	.....	2	16	144	75	29	222	143	
	1908	619	59.7	.202	.....	.....	.....	.....	.....	.....	7	69	155	69	206	113	
	1909	680	59.8	.197	.....	.....	.....	.....	.....	2	9	70	194	87	234	84	
	1910	728	58.3	.202	.....	.....	.....	.....	.....	.....	9	68	175	100	213	163	
59 establishments.	1910	1,267	58.7	.200	.....	.....	.....	.....	.....	.....	14	221	240	111	503	178	
	1911	1,314	58.6	.203	.....	.....	.....	.....	.....	.....	12	213	236	112	544	197	
88 establishments.	1911	2,200	58.6	.203	.....	.....	.....	.....	.....	.....	12	335	398	144	1,054	257	
	1912	2,273	57.7	.224	.....	.....	.....	.....	.....	.....	.....	135	478	152	662	846	
88 establishments.	1912	2,290	57.7	.224	.....	.....	.....	.....	.....	.....	.....	148	480	154	662	846	
	1913	2,321	57.6	.226	.....	.....	.....	.....	.....	.....	.....	69	516	170	599	967	
90 establishments.	1913	2,370	57.6	.227	.....	.....	.....	.....	.....	.....	.....	69	521	170	600	1,010	
	1914	2,491	56.8	.233	.....	.....	.....	.....	.....	.....	.....	64	478	263	497	1,189	
<i>Slashers, male.</i>																	
35 establishments.	1907	159	60.3	.183	.....	.....	.....	.....	1	30	16	7	9	8	82	6	
	1908	158	59.6	.183	.....	.....	.....	.....	.....	12	32	17	8	29	36	24	
	1909	167	59.4	.180	.....	.....	.....	.....	.....	10	33	21	6	34	48	15	
	1910	166	58.1	.181	.....	.....	.....	.....	.....	9	28	20	13	38	49	9	
57 establishments.	1910	276	58.4	.178	.....	.....	.....	.....	.....	9	63	28	16	79	72	9	
	1911	303	58.5	.178	.....	.....	.....	.....	.....	10	63	38	20	82	81	9	
85 establishments.	1911	455	58.5	.194	.....	.....	6	.....	.....	10	68	56	26	110	111	68	
	1912	447	57.4	.215	.....	.....	.....	.....	.....	8	36	58	34	13	195	103	
85 establishments.	1912	449	57.4	.216	.....	.....	.....	.....	.....	10	36	58	34	13	195	103	
	1913	472	57.6	.212	.....	.....	.....	.....	.....	25	25	91	35	16	172	108	
87 establishments.	1913	485	57.5	.212	.....	.....	.....	.....	.....	25	25	92	35	16	184	108	
	1914	528	56.8	.211	.....	.....	.....	.....	.....	32	37	103	30	14	191	121	

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
<i>Spinners, frame, male.</i>																			
25 establishments.	1907	184	59.4	\$0.124	3	4	15	8	29	32	32	23	31	2	5	.....			
	1908	214	58.8	.119	4	3	10	7	10	82	51	28	15	4	.....				
	1909	188	58.9	.117	4	16	9	5	25	36	52	23	6	12	.....				
	1910	188	57.2	.119	1	11	1	4	32	40	62	21	10	6	.....				
36 establishments.	1910	261	57.2	.120	1	15	3	5	34	54	105	25	13	6	.....				
	1911	420	57.0	.125	2	6	1	14	23	96	184	78	11	6	.....				
46 establishments.	1911	700	57.2	.126	2	6	1	17	52	171	278	133	33	6	1	.....			
	1912	679	56.2	.148	.....	1	6	5	23	114	122	169	103	104	32	.....			
49 establishments.	1912	564	56.7	.144	.....	.....	6	5	23	108	108	150	85	64	15	.....			
	1913	530	56.9	.143	.....	3	12	19	23	85	110	117	75	59	27	.....			
31 establishments.	1913	508	56.8	.145	.....	1	6	16	22	79	104	114	75	58	27	1	.....		
	1914	458	55.2	.152	.....	1	4	10	17	66	60	99	102	59	40	.....			
<i>Spinners, frame, female.</i>																			
36 establishments.	1907	2,317	61.0	.110	58	224	202	174	367	343	527	287	92	42	1	.....			
	1908	2,114	59.9	.107	56	197	208	147	156	612	466	186	59	5	22	.....			
	1909	2,408	59.8	.106	47	166	176	182	406	634	673	135	38	1	.....				
	1910	2,500	58.5	.112	45	147	164	191	274	674	597	316	84	8	.....				
59 establishments.	1910	3,704	59.0	.108	93	288	298	339	449	861	847	406	107	14	2	.....			
	1911	3,735	59.1	.111	34	213	286	369	438	871	891	434	124	20	.....				
88 establishments.	1911	5,981	59.1	.111	55	300	378	594	767	1,557	1,498	649	150	28	5	.....			
	1912	6,214	58.0	.123	16	159	322	325	512	1,452	1,304	1,591	397	121	15	.....			
88 establishments.	1912	6,364	58.0	.124	16	155	312	345	524	1,477	1,317	1,610	415	161	32	.....			
	1913	6,581	57.9	.127	12	192	308	365	450	1,442	1,194	1,662	643	212	81	.....			
90 establishments.	1913	6,762	57.8	.128	12	168	312	365	450	1,477	1,221	1,705	677	257	92	1	.....		
	1914	6,506	56.9	.132	11	55	189	398	567	1,444	1,203	1,623	981	331	102	2	.....		
<i>Spinners, mule, male.</i>																			
11 establishments.	1907	199	58.6	.234	.....	.....	.....	.....	.....	.....	2	1	8	23	107	58			
	1908	193	58.4	.225	.....	.....	.....	.....	.....	.....	.....	2	13	21	112	45			
	1909	156	58.5	.221	.....	.....	.....	.....	.....	.....	.....	4	10	17	106	19			
	1910	131	58.8	.218	.....	.....	.....	.....	.....	.....	.....	1	11	27	80	12			
14 establishments.	1910	222	57.0	.219	.....	.....	.....	.....	.....	.....	.....	3	11	43	139	26			
	1911	207	57.0	.225	.....	.....	.....	.....	.....	.....	2	5	6	33	133	29			
16 establishments.	1911	288	56.8	.255	.....	.....	.....	.....	.....	.....	2	5	6	33	147	95			
	1912	266	55.7	.279	.....	.....	.....	.....	.....	.....	1	.....	5	20	95	145			
	1913	258	55.6	.281	.....	.....	.....	.....	.....	.....	.....	1	9	13	85	150			
14 establishments.	1913	234	55.6	.286	.....	.....	.....	.....	.....	.....	.....	1	9	13	66	145			
	1914	245	54.9	.291	.....	.....	.....	.....	.....	.....	1	.....	4	18	66	156			
<i>Trimmers or in- spectors, female.</i>																			
30 establishments.	1907	251	60.4	.102	7	26	31	2	40	92	24	24	5	.....	.....				
	1908	261	60.0	.101	.....	13	41	23	77	49	29	15	15	.....	.....				
	1909	285	59.6	.099	.....	5	45	15	108	81	2	21	7	1	.....				
	1910	297	58.1	.101	1	4	40	16	88	120	.....	21	5	2	.....				
46 establishments.	1910	408	58.3	.099	4	10	49	38	109	159	6	25	6	2	.....				
	1911	474	58.7	.102	4	12	56	27	121	177	32	41	3	.....	1	.....			

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.		
<i>Trimmers or inspectors, female—Concluded.</i>																		
75 establishments.	1911	712	58.7	\$0.103	11	12	90	62	145	236	89	48	16	2	1	.....		
	1912	703	58.0	.112	....	6	61	66	61	257	148	53	41	7	3	.....		
77 establishments.	1912	706	57.7	.112	....	6	74	65	60	254	145	53	41	7	3	.....		
	1913	687	57.9	.111	....	4	73	45	41	283	160	56	23	2	.....	.....		
74 establishments.	1913	698	57.8	.112	....	4	70	45	41	283	174	57	22	2	.....	.....		
	1914	720	57.2	.113	....	8	61	67	48	291	145	55	27	7	11	.....		
<i>Weavers, male.</i>																		
36 establishments.	1907	2,769	60.3	.161	.....	.....	6	61	149	333	433	372	474	454	415	73		
	1908	2,848	59.6	.160	.....	.....	1	40	113	418	462	437	402	456	479	40		
	1909	3,123	59.8	.151	.....	.....	5	47	147	517	573	671	534	293	308	33		
	1910	3,037	58.3	.154	.....	.....	1	24	129	430	581	632	542	318	348	32		
58 establishments.	1910	5,334	58.8	.151	.....	.....	8	59	211	845	1,119	1,125	900	535	491	41		
	1911	5,012	58.8	.155	.....	.....	4	51	172	612	961	1,109	902	556	540	45		
88 establishments.	1911	8,855	58.6	.156	.....	.....	9	90	278	1,048	1,709	1,904	1,672	1,133	945	67		
	1912	9,751	57.5	.169	.....	.....	50	203	900	1,452	1,565	1,839	1,545	1,911	286			
88 establishments.	1912	9,775	57.5	.169	.....	.....	49	201	921	1,445	1,580	1,850	1,537	1,906	286			
	1913	9,316	57.7	.169	.....	.....	1	34	205	923	1,345	1,425	1,897	1,506	1,913	264		
89 establishments.	1913	9,485	57.6	.170	.....	.....	1	34	206	933	1,349	1,430	1,723	1,538	1,997	274		
	1914	9,755	56.8	.176	.....	4	10	54	225	710	1,156	1,490	1,654	1,583	2,392	477		
<i>Weavers, female.</i>																		
36 establishments.	1907	3,724	59.5	.151	.....	.....	12	84	165	516	646	707	821	505	257	11		
	1908	3,903	59.0	.152	.....	.....	3	59	151	593	763	779	796	486	252	16		
	1909	3,930	59.1	.144	.....	.....	.....	69	181	689	863	1,009	725	228	153	13		
	1910	3,905	57.6	.151	.....	.....	.....	45	162	704	851	1,011	664	292	166	10		
59 establishments.	1910	6,334	57.8	.147	.....	.....	3	96	278	1,213	1,423	1,583	960	498	267	13		
	1911	6,242	57.8	.144	.....	.....	7	74	268	1,118	1,482	1,531	1,019	437	292	14		
88 establishments.	1911	10,792	57.9	.148	.....	.....	12	124	438	1,689	2,381	2,460	1,929	1,100	619	40		
	1912	10,980	56.9	.163	.....	.....	.....	91	283	1,109	1,611	2,081	2,222	1,798	1,647	138		
88 establishments.	1912	10,998	56.9	.163	.....	.....	.....	94	284	1,124	1,610	2,086	2,218	1,797	1,647	138		
	1913	11,105	56.8	.164	.....	.....	8	54	249	1,130	1,648	2,071	2,251	1,786	1,764	144		
89 establishments.	1913	11,236	56.7	.164	.....	.....	8	54	247	1,132	1,650	2,076	2,293	1,830	1,803	143		
	1914	11,188	55.8	.167		2	7	10	68	290	1,096	1,452	1,887	2,218	1,792	2,081	279	

PER CENT.

<i>Card strippers, male.</i>																	
36 establishments.	1907	284	59.8	\$0.131	.....	.....	.....	1	12	8	39	35	6	.....	.....	.....	.....
	1908	289	59.3	.124	.....	.....	.....	1	11	21	51	14	2	.....	.....	.....	.....
	1909	287	59.3	.121	.....	.....	.....	1	10	27	57	5	.....	.....	.....	.....	.....
	1910	318	57.8	.124	.....	.....	.....	1	5	26	62	6	(1)	.....	.....	.....	.....
59 establishments.	1910	523	58.4	.120	.....	.....	(1)	5	5	26	56	6	1	.....	.....	.....	.....
	1911	515	58.3	.122	.....	.....	(1)	4	5	26	58	5	1	.....	.....	.....	.....
88 establishments.	1911	786	58.3	.121	.....	.....	(1)	3	4	29	59	5	1	.....	.....	.....	.....
	1912	800	57.1	.134	.....	.....	.....	1	1	19	32	43	5	.....	.....	.....	.....

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
<i>Card strippers, male—Concluded.</i>					<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	
88 establishments.	1912	804	57.1	\$0.134	.....	.....	(1)	(1)	1	1	19	31	43	4	.....	.....	
	1913	845	57.2	.138	.....	.....	(1)	(1)	1	15	29	44	9	1	.....	.....	
90 establishments.	1913	871	57.1	.139	.....	.....	(1)	(1)	1	15	28	44	9	2	1	.....	
	1914	904	56.3	.144	.....	.....	(1)	.....	1	13	25	40	19	2	(1)	.....	
<i>Drawing tenders, male.</i>																	
34 establishments.	1907	219	60.4	.100	8	10	8	6	8	34	25	2	.....	.....	.....	.....	
	1908	234	59.7	.098	3	8	15	8	12	36	15	2	.....	.....	.....	.....	
	1909	253	59.7	.099	3	9	8	9	19	37	14	1	.....	.....	.....	.....	
	1910	253	58.5	.098	5	4	13	7	21	32	16	2	.....	.....	.....	.....	
56 establishments.	1910	436	59.5	.096	3	3	11	13	28	29	11	1	.....	.....	.....	.....	
	1911	457	59.7	.097	3	5	8	20	25	22	15	2	.....	.....	.....	.....	
84 establishments.	1911	750	59.5	.097	4	3	11	17	25	26	12	3	(1)	.....	.....	.....	
	1912	723	57.9	.108	1	2	12	5	10	36	25	7	2	(1)	.....	.....	
82 establishments.	1912	727	57.9	.108	1	2	13	5	10	35	25	7	2	(1)	.....	.....	
	1913	624	58.0	.109	1	(1)	11	2	13	35	25	9	2	(1)	.....	.....	
76 establishments.	1913	572	58.4	.109	1	1	12	3	10	37	26	8	2	1	.....	.....	
	1914	660	57.9	.116	(1)	1	8	4	8	30	31	13	4	1	(1)	.....	
<i>Drawing tenders, female.</i>																	
19 establishments.	1907	234	60.2	.093	8	3	9	16	18	43	3	.....	.....	.....	.....	.....	
	1908	232	59.3	.093	8	6	17	19	11	23	17	.....	.....	.....	.....	.....	
	1909	249	59.4	.091	8	5	15	22	12	32	7	.....	.....	.....	.....	.....	
	1910	233	58.1	.089	6	3	17	24	22	26	2	(1)	.....	.....	.....	.....	
27 establishments.	1910	359	58.2	.090	4	7	11	20	29	27	1	(1)	.....	.....	.....	.....	
	1911	344	57.7	.094	5	3	13	17	25	28	10	(1)	.....	.....	.....	.....	
45 establishments.	1911	502	57.8	.095	3	4	9	14	31	30	9	(1)	.....	.....	.....	.....	
	1912	525	57.0	.110	1	2	1	5	11	62	13	4	.....	(1)	.....	.....	
	1913	594	56.8	.114	(1)	1	1	2	7	59	20	7	2	1	.....	.....	
32 establishments.	1913	594	56.7	.115	(1)	1	1	1	7	59	22	7	2	1	.....	.....	
	1914	574	55.5	.118	2	1	1	1	6	44	35	6	4	1	(1)	.....	
<i>Fine speeders, male.</i>																	
16 establishments.	1907	201	63.9	.116	1	6	5	6	8	31	26	9	5	2	.....	.....	
	1908	224	61.1	.123	.....	.....	3	6	11	34	26	9	5	2	4	.....	
	1909	258	61.2	.129	.....	(1)	2	4	7	26	31	20	8	2	1	.....	
	1910	249	61.0	.131	.....	.....	2	4	6	25	29	17	13	3	1	.....	
32 establishments.	1910	426	61.4	.131	.....	.....	1	5	6	25	27	16	14	4	1	.....	
	1911	396	61.4	.135	.....	(1)	5	5	5	22	30	17	11	9	1	.....	
62 establishments.	1911	623	61.2	.135	.....	.....	1	5	5	21	27	22	11	7	1	.....	
	1912	666	59.7	.142	.....	(1)	1	3	2	15	30	23	16	9	1	.....	
61 establishments.	1912	680	59.7	.143	.....	(1)	1	3	2	13	30	24	16	9	1	.....	
	1913	745	59.8	.145	.....	(1)	(1)	3	3	16	25	29	16	7	4	(1)	
55 establishments.	1913	742	59.7	.145	.....	(1)	(1)	3	3	15	25	29	16	7	4	1	
	1914	778	59.7	.151	.....	(1)	(1)	1	1	9	25	29	20	9	5	1	

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
<i>Fine spinners, female.</i>																	
35 establishments.	1907	721	59.3	\$0.139		P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	
	1908	694	59.1	.138		(1)	1	4	3	13	24	34	17	3	1		
	1909	714	59.1	.135				1	4	5	17	24	27	14	7	(1)	
	1910	800	57.6	.134				(1)	2	4	17	34	34	7	1	(1)	
							1	3	5	16	36	27	8	4	1		
57 establishments.	1910	1,175	57.8	.133				1	3	5	17	35	28	8	3	1	
	1911	1,189	57.9	.135		(1)	1	2	5	17	30	33	9	3	(1)	(1)	
82 establishments.	1911	1,753	57.9	.136		(1)	1	2	5	16	29	34	10	3	(1)	(1)	
	1912	1,784	56.6	.149		(1)	(1)	1	3	11	18	33	24	8	2	(1)	
80 establishments.	1912	1,791	56.7	.148		(1)	(1)	1	3	11	16	33	24	8	2	(1)	
	1913	1,855	56.7	.151				1	2	10	17	35	25	7	3	(1)	
79 establishments.	1913	1,946	56.5	.153				1	2	9	16	33	27	9	3	(1)	
	1914	2,061	55.8	.155		(1)	(1)	1	2	9	14	29	30	10	5	(1)	
<i>Loom fixers, male.</i>																	
36 establishments.	1907	631	60.8	.207						(1)	3	23	12	5	35	23	
	1908	619	59.7	.202							1	11	25	11	33	18	
	1909	680	59.8	.197						(1)	1	10	29	13	34	12	
	1910	728	58.3	.202							1	9	24	14	29	22	
59 establishments.	1910	1,267	58.7	.200							1	17	19	9	40	14	
	1911	1,314	58.6	.208							1	16	18	9	41	15	
88 establishments.	1911	2,200	58.6	.203							1	15	18	7	48	12	
	1912	2,273	57.7	.224								6	21	7	29	37	
88 establishments.	1912	2,290	57.7	.224								6	21	7	29	37	
	1913	2,321	57.6	.226								3	22	7	26	42	
90 establishments.	1913	2,370	57.6	.227								3	22	7	25	43	
	1914	2,491	56.8	.233								3	19	11	20	48	
<i>Slashers, male.</i>																	
35 establishments.	1907	159	60.3	.183					1	19	10	4	6	5	52	4	
	1908	158	59.6	.183						3	20	11	5	13	23	15	
	1909	167	59.4	.180						6	20	13	4	20	29	9	
	1910	166	58.1	.181						5	17	12	8	23	30	5	
57 establishments.	1910	276	58.4	.178						3	23	10	6	29	26	3	
	1911	303	58.5	.178						3	21	13	7	27	27	3	
85 establishments.	1911	455	58.5	.194			1			2	15	12	6	24	24	15	
	1912	447	57.4	.215						2	8	13	8	3	44	23	
85 establishments.	1912	449	57.4	.216						2	8	13	8	3	43	23	
	1913	472	57.6	.212						5	5	19	7	3	36	23	
87 establishments.	1913	485	57.5	.212						5	5	19	7	3	38	22	
	1914	528	56.8	.211						6	7	20	6	3	36	23	
<i>Spinners, frame, male.</i>																	
25 establishments.	1907	184	59.4	.124	2	2	8	4	16	17	17	13	17	1	3	.....	
	1908	214	58.8	.119	2	1	5	3	5	38	24	13	7	2	.....	.....	
	1909	188	58.9	.117	2	9	5	3	13	19	28	12	3	6	.....	.....	
	1910	188	57.2	.119	1	6	1	2	17	21	33	11	5	3	.....	.....	
36 establishments.	1910	261	57.2	.120	(1)	6	1	2	13	21	40	10	5	2	.....	.....	
	1911	420	57.0	.125	(1)	1	(1)	3	5	23	44	19	3	1	.....	.....	

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.															
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.				
<i>Spinners frame, male—Concluded.</i>					<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>		
46 establishments.	1911	700	57.2	10.126	(1)	1	(1)	2	7	24	40	19	5	1	(1)					
	1912	679	56.2	1.148	....	(1)	1	1	3	17	18	25	15	15	5	....				
49 establishments.	1912	564	56.7	1.144	....	....	1	1	4	19	19	27	15	11	3	....				
	1913	530	56.9	1.143	....	....	1	2	4	16	21	22	14	11	5	....				
31 establishments.	1913	503	56.8	1.145	....	(1)	1	3	4	16	21	23	15	12	5	(1)				
	1914	458	55.2	1.152	....	(1)	1	2	4	14	13	22	22	13	9	....				
<i>Spinners, frame, female.</i>																				
36 establishments.	1907	2,317	61.0	1.110	3	10	9	8	16	15	23	12	4	2	(1)					
	1908	2,114	59.9	1.107	3	9	10	7	7	29	22	9	3	(1)	1	....				
	1909	2,408	59.8	1.106	2	7	7	8	17	26	24	8	2	(1)	....					
	1910	2,560	58.5	1.112	2	6	7	8	11	27	24	13	3	(1)	....					
59 establishments.	1910	3,704	59.0	1.108	3	8	8	9	12	23	23	11	3	(1)	(1)	....				
	1911	3,735	59.1	1.111	1	6	8	10	13	23	24	12	3	1	....					
83 establishments.	1911	5,981	59.1	1.111	1	5	6	10	13	26	25	11	3	(1)	(1)	....				
	1912	6,214	58.0	1.123	(1)	3	5	5	8	23	21	26	6	2	(1)	....				
88 establishments.	1912	6,364	58.0	1.124	(1)	2	5	5	8	23	21	25	7	3	1	....				
	1913	6,561	57.9	1.127	(1)	3	5	6	7	22	18	25	10	3	1	....				
90 establishments.	1913	6,762	57.8	1.126	(1)	3	5	5	7	22	18	25	10	4	1	(1)				
	1914	6,966	56.9	1.132	(1)	1	3	6	8	21	17	24	14	5	1	(1)				
<i>Spinners, mule, male.</i>																				
11 establishments.	1907	199	58.6	1.234	....	....	....	....	....	....	1	1	4	12	54	29				
	1908	193	58.4	1.226	....	....	....	....	....	....	....	1	7	11	58	23				
	1909	159	58.5	1.221	....	....	....	....	....	....	....	3	6	11	68	12				
	1910	131	56.8	1.218	....	....	....	....	....	....	....	1	8	21	61	9				
14 establishments.	1910	222	57.0	1.219	....	....	....	....	....	....	....	1	5	19	63	12				
	1911	207	57.0	1.226	....	....	....	....	....	....	1	2	3	16	64	14				
16 establishments.	1911	288	56.8	1.255	....	....	....	....	....	....	....	1	2	2	11	51				
	1912	266	55.7	1.279	....	....	....	....	....	....	(1)	....	2	8	36	55				
	1913	258	55.6	1.281	....	....	....	....	....	....	(1)	(1)	3	5	33	58				
14 establishments.	1913	234	55.6	1.286	....	....	....	....	....	....	(1)	(1)	4	6	28	62				
	1914	245	54.9	1.291	....	....	....	....	....	....	(1)	....	2	7	27	64				
<i>Trimmers or in- spectors, female.</i>																				
30 establishments.	1907	251	60.4	1.102	3	10	12	1	16	37	10	10	2	....	....	....				
	1908	261	60.0	1.101	....	5	16	3	30	19	11	6	6	....	....	....				
	1909	285	59.6	1.099	....	2	16	5	38	28	1	7	2	(1)	....	....				
	1910	297	58.1	1.101	(1)	1	13	5	30	40	....	7	2	1	....	....				
46 establishments.	1910	408	58.3	1.099	1	2	12	9	27	39	1	6	1	(1)	....	....				
	1911	474	58.7	1.102	1	3	12	6	26	37	7	9	1	(1)	(1)	....				
75 establishments.	1911	712	58.7	1.103	2	2	13	9	20	33	13	7	2	(1)	(1)	....				
	1912	703	58.0	1.112	....	1	9	9	9	37	21	8	6	1	(1)	....				
77 establishments.	1912	708	57.7	1.112	....	1	10	9	8	36	20	7	6	1	(1)	....				
	1913	687	57.9	1.111	....	1	11	7	6	41	23	8	3	(1)	....	....				
74 establishments.	1913	698	57.8	1.112	....	1	10	6	6	41	25	8	3	(1)	....	....				
	1914	720	57.2	1.113	....	1	8	9	7	40	20	3	4	1	2	....				

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Concluded.

MANUFACTURING—Continued.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
					P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.			
<i>Weavers, male.</i>																			
36 establishments.	1907	2,769	60.3	\$.0161	.....	.....	(1)	2	5	12	16	13	17	16	15	3			
	1908	2,848	59.6	.160	.....	.....	(1)	1	4	15	16	15	14	16	17	1			
	1909	3,123	59.8	.151	.....	.....	(1)	2	5	17	18	21	17	9	10	1			
	1910	3,037	58.3	.154	.....	.....	(1)	1	4	14	19	21	18	10	11	1			
58 establishments.	1910	5,334	58.8	.151	.....	.....	(1)	1	4	16	21	21	17	10	9	1			
	1911	5,012	58.8	.155	.....	.....	(1)	1	3	12	19	23	18	11	11	1			
88 establishments.	1911	8,855	58.6	.156	.....	.....	(1)	1	3	12	19	22	19	13	11	1			
	1912	9,751	57.5	.169	.....	.....	.....	1	2	9	15	16	19	16	20	3			
88 establishments.	1912	9,775	57.5	.169	.....	.....	.....	1	2	9	15	16	19	16	19	3			
	1913	9,316	57.7	.169	.....	.....	(1)	(1)	2	10	14	15	18	16	21	3			
89 establishments.	1913	9,485	57.6	.170	.....	.....	(1)	(1)	2	10	14	15	18	16	21	3			
	1914	9,755	56.8	.176	.....	(1)	(1)	1	2	7	12	15	17	16	25	5			
<i>Weavers, female.</i>																			
36 establishments.	1907	3,724	59.5	.151	.....	.....	(1)	2	4	14	17	19	22	14	7	(1)			
	1908	3,903	59.0	.152	.....	.....	(1)	2	4	15	20	20	20	12	6	(1)			
	1909	3,930	59.1	.144	.....	.....	.....	2	5	18	22	26	18	6	4	(1)			
	1910	3,905	57.6	.151	.....	.....	.....	1	4	18	22	26	17	7	4	(1)			
59 establishments.	1910	6,334	57.8	.147	.....	.....	(1)	2	4	19	22	25	15	8	4	(1)			
	1911	6,242	57.8	.144	.....	.....	(1)	1	4	18	24	25	16	7	5	(1)			
88 establishments.	1911	10,792	57.9	.148	.....	.....	(1)	1	4	16	22	23	18	10	6	(1)			
	1912	10,980	56.9	.163	.....	.....	.....	1	3	10	15	19	20	16	15	1			
88 establishments.	1912	10,998	56.9	.163	.....	.....	.....	1	3	10	15	19	20	16	15	1			
	1913	11,105	56.8	.164	.....	.....	(1)	(1)	2	10	15	19	20	16	16	1			
89 establishments.	1913	11,236	56.7	.164	.....	.....	(1)	(1)	2	10	15	18	20	16	16	1			
	1914	11,188	55.8	.167	(1)	(1)	(1)	1	3	10	13	17	20	16	19	2			

¹ Less than 1 per cent.

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914.

MANUFACTURING—Continued.

[The figures for both years are for identical establishments.]

CARD STRIPPERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Alabama: 7 establishments	1913	21	61.9	\$0.106	.....	.....	.....	4	3	11	2	.....	.....	1	.....	.....	
	1914	17	60.2	.111	.....	.....	4	.....	.....	5	7	.....	.....	1	.....	.....	
Connecticut: 2 establishments	1913	21	58.0	.138	.....	.....	.....	.....	.....	.....	20	1	.....	.....	.....	.....	
	1914	17	55.0	.146	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	
Georgia: 13 establishments	1913	68	60.0	.118	.....	.....	.....	.....	.....	35	29	4	.....	.....	.....	.....	
	1914	79	60.0	.128	.....	.....	.....	.....	.....	24	38	14	3	.....	.....	.....	
Maine: 5 establishments	1913	53	58.0	.133	.....	.....	.....	.....	.....	.....	43	6	4	.....	.....	.....	
	1914	60	58.0	.137	.....	.....	.....	.....	.....	.....	45	7	5	3	.....	.....	
Massachusetts: 18 establishments	1913	283	54.0	.149	.....	.....	.....	.....	.....	1	52	186	28	6	.....	.....	
	1914	283	54.0	.151	.....	.....	.....	.....	.....	1	26	195	54	7	.....	.....	
New Hampshire: 5 establishments	1913	207	58.0	.145	.....	.....	.....	.....	.....	1	42	149	14	1	.....	.....	
	1914	220	55.1	.156	.....	.....	.....	.....	.....	1	47	97	75	.....	.....	.....	
New York: 2 establishments	1913	29	54.0	.183	.....	.....	.....	.....	.....	.....	2	6	6	9	6	.....	
	1914	29	54.8	.179	.....	.....	.....	.....	.....	.....	.....	3	16	7	3	.....	
North Carolina: 13 establishments	1913	40	60.0	.117	.....	.....	1	.....	.....	13	26	.....	.....	.....	.....	.....	
	1914	47	60.0	.122	.....	.....	.....	.....	.....	14	28	2	3	.....	.....	.....	
Rhode Island: 3 establishments	1913	37	56.0	.149	.....	.....	.....	.....	.....	.....	11	11	15	.....	.....	.....	
	1914	37	54.0	.155	.....	.....	.....	.....	.....	.....	12	11	14	.....	.....	.....	
South Carolina: 21 establishments	1913	109	60.0	.116	.....	.....	.....	.....	4	68	20	16	1	.....	.....	.....	
	1914	112	60.0	.117	.....	.....	.....	.....	5	69	20	17	1	.....	.....	.....	
Other States: 1 establishment	1913	3	58.0	.138	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	
	1914	3	54.0	.143	.....	.....	.....	.....	.....	1	1	.....	.....	1	.....	.....	
Total: 90 establishments	1913	871	57.1	.139	.....	.....	1	4	7	130	248	379	79	17	6	.....	
	1914	904	56.3	.144	.....	.....	4	.....	5	115	224	363	172	18	3	.....	

DRAWING TENDERS: Male.

Alabama:																	
6 establishments	1913	30	61.0	\$0.087	8	.....	.....	3	9	6	4	.....	.....	.....	.....	.....	.....
	1914	46	60.3	.090	2	4	3	10	9	17	.....	1	.....	.....	.....	.....	.....
Georgia:																	
12 establishments	1913	86	60.0	.100	.....	2	19	3	4	42	13	2	1	.....	.....	.....	.....
	1914	90	60.0	.106	.....	.....	8	4	8	48	18	4	.....	.....	.....	.....	.....
Maine:																	
5 establishments	1913	34	58.0	.109	.....	.....	.....	.....	10	10	14	.....	.....	.....	.....	.....	.....
	1914	36	58.0	.112	.....	.....	.....	.....	10	9	17	.....	.....	.....	.....	.....	.....
Massachusetts:																	
12 establishments	1913	112	54.0	.135	.....	.....	.....	.....	.....	17	62	22	8	3	.....	.....	.....
	1914	145	54.0	.133	.....	.....	.....	.....	.....	28	76	27	11	3	.....	.....	.....
New Hampshire:																	
2 establishments	1913	23	58.0	.138	.....	.....	.....	.....	.....	3	9	10	1	.....	.....	.....	.....
	1914	33	55.0	.148	.....	.....	.....	.....	.....	1	11	15	5	1	.....	.....	.....
North Carolina:																	
13 establishments	1913	85	60.0	.100	.....	.....	2	.....	2	79	2	.....	.....	.....	.....	.....	.....
	1914	108	60.0	.119	.....	.....	.....	.....	1	51	39	9	7	.....	1	.....	.....
Rhode Island:																	
2 establishments	1913	28	56.0	.125	.....	.....	.....	.....	.....	3	21	4	.....	.....	.....	.....	.....
	1914	25	54.0	.131	.....	.....	.....	.....	.....	2	19	4	.....	.....	.....	.....	.....
South Carolina:																	
21 establishments	1913	151	60.0	.095	.....	1	47	9	26	45	17	6	.....	.....	.....	.....	.....
	1914	155	60.0	.100	.....	1	40	14	26	37	21	14	1	1	.....	.....	.....
Other States:																	
3 establishments	1913	23	57.1	.118	.....	.....	1	.....	4	8	7	3	.....	.....	.....	.....	.....
	1914	22	54.3	.128	.....	.....	.....	.....	.....	7	5	10	.....	.....	.....	.....	.....
Total:																	
76 establishments	1913	572	58.4	.109	8	3	69	15	55	213	149	47	10	3	.....	.....	.....
	1914	660	57.9	.116	2	5	51	28	54	200	206	84	24	5	1	.....	.....

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

MANUFACTURING—Continued.

DRAWING TENDERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Alabama: 3 establishments.	1913	17	60.0	\$0.081	2	8	.....	.....	1	6	.....	.....	.....	.....	.....	.....	
	1914	22	60.0	.065	10	6	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	
Georgia: 7 establishments.	1913	62	60.0	.107	.....	.....	.....	1	5	43	10	.....	.....	3	.....	.....	
	1914	54	60.0	.103	.....	.....	2	2	5	35	10	.....	.....	.....	.....	.....	
Maine: 3 establishments.	1913	51	58.0	.104	.....	.....	.....	.....	23	25	3	.....	.....	.....	.....	.....	
	1914	62	58.0	.108	.....	.....	.....	.....	25	25	7	5	.....	.....	.....	.....	
Massachusetts: 10 establishments.	1913	214	54.0	.117	.....	.....	.....	.....	.....	155	45	13	1	.....	.....	.....	
	1914	209	53.8	.119	.....	.....	.....	.....	.....	133	64	10	2	.....	.....	.....	
New Hampshire: 5 establishments.	1913	204	58.0	.121	.....	.....	.....	5	9	108	48	24	7	3	.....	.....	
	1914	175	55.0	.131	.....	.....	.....	2	.....	47	83	17	21	4	1	.....	
Other States: 4 establishments.	1913	46	55.9	.115	.....	.....	4	.....	1	12	25	4	.....	.....	.....	.....	
	1914	52	54.4	.119	.....	.....	2	.....	.....	15	35	.....	.....	.....	.....	.....	
Total: 32 establishments	1913	594	56.7	.115	2	8	4	6	39	349	131	41	11	3	.....	.....	
	1914	574	55.5	.118	10	6	4	4	36	255	199	32	23	4	1	.....	

FINE SPEEDERS: Male.

Alabama:																
5 establishments.	1913	48	61.4	\$0.132	.....	.....	.....	1	4	13	18	5	3	2	1	1
	1914	49	60.0	.131	.....	1	.....	.....	3	13	17	11	1	.....	3	.....
Georgia:																
12 establishments.	1913	167	60.0	.142	.....	.....	.....	.....	9	30	32	57	25	9	5	.....
	1914	165	60.0	.152	.....	.....	.....	.....	3	12	35	57	33	15	10	.....
Massachusetts:																
2 establishments.	1913	38	54.0	.148	.....	.....	.....	.....	.....	7	19	1	3	7	1	.....
	1914	31	54.0	.144	.....	.....	.....	.....	.....	6	20	.....	.....	5	.....	.....
North Carolina:																
13 establishments.	1913	125	60.0	.145	.....	.....	1	1	5	12	28	38	18	12	9	1
	1914	148	60.0	.157	.....	.....	.....	1	2	9	39	33	29	16	19	.....
South Carolina:																
21 establishments.	1913	358	60.0	.145	.....	.....	1	1	6	49	92	113	67	20	9	.....
	1914	375	60.0	.150	.....	1	2	1	3	30	85	125	86	36	6	.....
Other States:																
2 establishments.	1913	6	55.3	.249	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4
	1914	10	56.7	.226	.....	.....	.....	.....	.....	.....	.....	.....	3	1	2	4
Total:																
55 establishments	1913	742	59.7	.145	.....	2	2	3	24	111	189	214	116	51	26	6
	1914	778	59.7	.151	.....	2	2	2	11	70	196	226	152	73	40	4

FINE SPEEDERS: Female.

Alabama:																
7 establishments.	1913	77	61.7	\$0.122	.....	.....	.....	3	11	32	13	13	3	1	1	.....
	1914	91	60.2	.120	.....	2	.....	2	4	39	31	9	3	1	.....	.....
Connecticut:																
2 establishments.	1913	39	58.0	.134	.....	.....	.....	2	1	4	17	13	2	.....	.....	.....
	1914	35	55.0	.147	.....	.....	.....	.....	.....	3	5	23	3	1	.....	.....
Georgia:																
12 establishments.	1913	130	60.0	.133	.....	.....	.....	3	5	28	43	40	10	1	.....	.....
	1914	122	60.0	.130	.....	1	.....	1	4	25	34	35	21	1	.....	.....
Maine:																
5 establishments.	1913	173	58.0	.155	.....	.....	.....	2	1	6	29	78	47	8	2	.....
	1914	191	58.0	.154	.....	.....	1	4	2	3	31	79	53	11	7	.....
Massachusetts:																
18 establishments.	1913	773	54.0	.158	.....	.....	.....	.....	3	33	94	307	239	70	25	2
	1914	755	54.0	.160	.....	.....	.....	2	1	18	89	279	263	65	35	3

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

MANUFACTURING—Continued.

FINE SPEEDERS: Female—Concluded.

State, and num- ber of establish- ments.	Year.	Num- ber of employ- ees.	Ave- rage full- time hours per week.	Ave- rage rate of wages per hour.	Employees earning each classified rate of wages per hour.													25 cts. and over.
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.			
New Hampshire: 5 establishments.	1913	364	58.0	\$0.159	.....	.....	.....	.....	3	15	56	102	131	39	17	1		
	1914	347	55.0	.167	.....	.....	.....	.....	1	10	39	78	122	60	35	2		
New York: 2 establishments.	1913	115	54.0	.176	.....	.....	.....	.....	.....	1	5	17	51	30	5	6		
	1914	119	54.0	.173	.....	.....	.....	.....	.....	1	4	10	62	40	1	1		
North Carolina: 8 establishments.	1913	46	60.0	.124	.....	.....	.....	1	4	15	15	10	1	.....	.....	.....		
	1914	58	60.0	.122	.....	.....	.....	3	12	18	10	8	5	2	.....	.....		
Rhode Island: 3 establishments.	1913	95	56.0	.165	.....	.....	.....	.....	.....	1	7	39	27	12	9	.....		
	1914	108	54.0	.167	.....	.....	.....	1	1	4	3	30	39	17	13	.....		
South Carolina: 16 establishments	1913	113	60.0	.128	.....	.....	.....	1	8	41	30	21	7	5	.....	.....		
	1914	153	60.0	.129	.....	.....	1	3	8	56	28	33	22	2	.....	.....		
Other States: 1 establishment..	1913	21	58.0	.140	.....	.....	.....	.....	.....	3	7	10	1	.....	.....	.....		
	1914	22	54.0	.154	.....	.....	.....	.....	.....	.....	6	6	7	3	.....	.....		
Total: 79 establishments	1913	1,946	56.5	.153	.....	.....	.....	12	36	179	316	650	519	166	59	9		
	1914	2,001	55.8	.155	.....	3	2	16	33	177	280	590	600	263	91	6		

LOOM FIXERS: Male.

Alabama: 7 establishments.	1913	137	61.7	\$0.177	.....	.....	.....	.....	.....	.....	.....	11	78	33	15	.....	
	1914	136	60.1	.188	.....	.....	.....	.....	.....	.....	.....	.....	19	100	17	.....	
Connecticut: 2 establishments.	1913	26	53.0	.244	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	11	
	1914	27	55.0	.261	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	17	
Georgia: 13 establishments.	1913	211	60.0	.183	.....	.....	.....	.....	.....	.....	.....	.....	126	40	44	1	
	1914	224	60.0	.183	.....	.....	.....	.....	.....	.....	.....	2	124	41	56	1	
Maine: 5 establishments.	1913	141	53.0	.241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	40	
	1914	151	53.0	.258	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113	38	
Massachusetts: 18 establishments.	1913	595	54.0	.261	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170	425	
	1914	592	54.0	.264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142	450	
New Hampshire: 5 establishments.	1913	513	58.0	.249	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184	329	
	1914	541	55.0	.264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81	460	
New York: 2 establishments.	1913	48	54.0	.263	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	43	
	1914	59	54.3	.266	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7	50	
North Carolina: 13 establishments.	1913	131	60.0	.170	.....	.....	.....	.....	.....	.....	.....	4	125	1	1	.....	
	1914	153	60.0	.169	.....	.....	.....	.....	.....	.....	.....	4	144	2	3	.....	
Rhode Island: 3 establishments.	1913	178	56.0	.266	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	161	
	1914	185	54.0	.276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	172	
South Carolina: 21 establishments.	1913	378	60.0	.176	.....	.....	.....	.....	.....	.....	.....	54	191	89	44	.....	
	1914	400	60.4	.176	.....	.....	.....	.....	.....	.....	.....	54	189	116	41	.....	
Other States: 1 establishment..	1913	12	53.0	.195	.....	.....	.....	.....	.....	.....	.....	.....	1	4	7	.....	
	1914	23	55.0	.199	.....	.....	.....	.....	.....	.....	.....	4	2	1	15	1	
Total: 90 establishments	1913	2,370	57.6	.227	.....	.....	.....	.....	.....	.....	.....	69	521	170	600	1,010	
	1914	2,491	56.8	.233	.....	.....	.....	.....	.....	.....	.....	64	478	263	497	1,189	

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

MANUFACTURING—Continued.

SLASHERS: Male.

State, and num- ber of establish- ments.	Year.	Num- ber of em- ploy- ees.	Ave- rage full- time hours per week.	Ave- rage rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Un- der 6 cts.	6 and un- der 7 cts.	7 and un- der 8 cts.	8 and un- der 9 cts.	9 and un- der 10 cts.	10 and un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 cts. and over	
Alabama: 7 establishments.	1913	20	61.2	\$0.144	.....	.....	.....	.....	.....	2	3	13	2	.....	.....	.....	
	1914	22	60.1	.141	.....	.....	.....	.....	.....	5	3	10	4	.....	.....	.....	
Georgia: 13 establishments	1913	61	60.0	.146	.....	.....	.....	.....	.....	10	7	29	11	4	.....	.....	
	1914	68	60.0	.146	.....	.....	.....	.....	.....	12	5	33	13	5	.....	.....	
Maine: 5 establishments.	1913	29	58.0	.205	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	25	.....	
	1914	29	58.0	.205	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	25	.....	
Massachusetts: 17 establishments	1913	130	54.0	.234	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	90	33	
	1914	138	53.9	.240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108	30	
New Hampshire: 5 establishments.	1913	113	58.0	.236	.....	.....	.....	.....	.....	.....	.....	1	1	.....	45	66	
	1914	112	55.0	.232	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	75	
North Carolina: 11 establishments	1913	34	60.0	.151	.....	.....	.....	.....	.....	.....	4	26	4	.....	.....	.....	
	1914	37	60.0	.149	.....	.....	.....	.....	.....	2	1	30	4	.....	.....	.....	
South Carolina: 21 establishments	1913	57	60.0	.138	.....	.....	.....	.....	.....	13	11	19	13	1	.....	.....	
	1914	77	60.0	.134	.....	.....	.....	.....	.....	13	28	30	6	.....	.....	.....	
Other States: 8 establishments.	1913	41	55.9	.222	.....	.....	.....	.....	.....	.....	.....	4	4	.....	24	9	
	1914	45	54.3	.233	.....	.....	.....	.....	.....	.....	.....	.....	3	5	21	16	
Total: 87 establishments	1913	485	57.5	.212	.....	.....	.....	.....	.....	25	25	92	35	16	184	108	
	1914	528	56.8	.211	.....	.....	.....	.....	.....	32	37	103	30	14	191	121	

SPINNERS, FRAME: Male.

Massachusetts:																
10 establishments.	1913	203	54.0	\$0.153	.....	.....	.....	3	10	10	61	39	24	31	15	.....
	1914	193	53.8	.158	.....	1	1	3	7	17	25	42	44	34	19	.....
New Hampshire:																
5 establishments.	1913	177	58.0	.152	.....	.....	.....	.....	2	27	24	59	35	22	8	.....
	1914	164	55.0	.154	.....	.....	.....	.....	3	17	21	49	49	18	7	.....
South Carolina:																
6 establishments.	1913	85	60.0	.111	.....	.....	2	11	9	37	15	9	2	.....	.....	.....
	1914	32	60.0	.104	.....	.....	3	5	4	15	2	2	1	.....	.....	.....
Other States:																
10 establishments.	1913	38	58.7	.145	.....	1	4	2	1	5	4	7	4	5	4	1
	1914	69	57.5	.152	.....	.....	.....	2	3	17	12	6	8	7	14	.....
Total:																
31 establishments.	1913	503	56.8	.145	.....	1	6	16	22	79	104	114	75	58	27	1
	1914	458	55.2	.152	.....	1	4	10	17	66	60	99	102	59	40	.....

SPINNERS, FRAME: Female.

Alabama:																
7 establishments.	1913	374	61.8	\$0.097	7	29	40	59	69	117	26	26	1	.....	.....	.....
	1914	370	60.1	.098	1	6	55	78	78	102	32	18	.....	.....	.....	.....
Connecticut:																
2 establishments.	1913	93	58.0	.138	.....	.....	.....	4	3	15	30	25	10	4	2	.....
	1914	88	55.0	.154	.....	.....	.....	.....	3	5	15	39	5	11	9	1
Georgia:																
13 establishments.	1913	788	60.0	.104	5	105	53	91	79	188	178	66	17	5	1	.....
	1914	787	60.0	.108	9	39	52	94	100	237	171	56	16	11	2	.....
Maine:																
5 establishments.	1913	368	58.0	.141	.....	.....	.....	4	4	17	50	103	96	58	28	8
	1914	349	58.0	.142	.....	.....	.....	.....	6	18	42	105	92	51	33	2
Massachusetts:																
18 establishments.	1913	1,714	54.0	.149	.....	.....	1	4	22	180	309	717	335	108	38	.....
	1914	1,745	53.9	.150	.....	.....	4	9	27	100	325	808	310	113	49	.....

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

MANUFACTURING—Continued.

SPINNERS, FRAME: Female—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
New Hampshire: 5 establishments.	1913	1,208	58.0	\$0.148	.....	.....	.....	2	14	125	190	651	159	49	18	.....	
	1914	1,297	55.0	.154	.....	.....	1	4	26	94	153	423	485	91	20	.....	
New York: 2 establishments.	1913	211	54.0	.162	.....	.....	.....	.....	.....	28	30	46	47	48	11	1	
	1914	228	54.0	.152	.....	3	1	.....	5	42	36	45	43	48	5	.....	
North Carolina: 13 establishments	1913	452	60.0	.101	.....	1	80	35	34	205	87	8	1	1	.....	.....	
	1914	473	60.0	.110	.....	3	23	57	53	198	87	47	4	1	.....	.....	
Rhode Island: 3 establishments.	1913	193	56.0	.144	.....	.....	5	4	7	26	50	35	39	14	13	.....	
	1914	228	54.0	.151	.....	1	1	2	10	31	41	47	59	21	14	1	
South Carolina: 21 establishments	1913	1,288	60.0	.102	.....	58	129	157	201	488	209	35	10	.....	1	.....	
	1914	1,280	60.0	.107	1	3	52	148	237	561	205	42	8	2	1	.....	
Other States: 1 establishment.	1913	73	58.0	.107	.....	.....	.....	5	4	55	9	.....	.....	.....	.....	.....	
	1914	81	54.0	.118	.....	.....	.....	.....	10	32	33	6	.....	.....	.....	.....	
Total: 90 establishments	1913	6,762	57.8	.128	12	193	312	365	450	1,477	1,221	1,705	677	257	92	1	
	1914	6,906	56.9	.132	11	55	189	398	567	1,444	1,203	1,623	981	331	102	2	

SPINNERS, MULE: Male.

Maine: 3 establishments.	1913	40	58.0	\$0.247	.....	.....	.....	.....	.....	.....	.....	.....	2	9	4	25
	1914	43	58.0	.253	.....	.....	.....	.....	.....	.....	1	.....	2	8	7	25
Massachusetts: 5 establishments.	1913	117	54.0	.335	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	23	96
	1914	119	54.0	.339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28	91
New Hampshire: 2 establishments.	1913	21	58.0	.254	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	6	14
	1914	23	55.0	.258	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	17
Rhode Island: 2 establishments.	1913	36	56.0	.235	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	22	12
	1914	39	54.0	.249	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	18
Other States: 2 establishments.	1913	20	57.0	.200	.....	.....	.....	.....	.....	.....	.....	1	6	1	11	1
	1914	21	54.7	.218	.....	.....	.....	.....	.....	.....	.....	.....	1	10	5	5
Total: 14 establishments.	1913	234	55.6	.236	.....	.....	.....	.....	.....	.....	.....	1	9	13	66	145
	1914	245	54.9	.291	.....	.....	.....	.....	.....	.....	1	.....	4	18	66	156

TRIMMERS OR INSPECTORS: Female.

Alabama: 6 establishments.	1913	56	62.4	\$0.100	.....	.....	5	1	14	31	5	.....	.....	.....	.....	.....
	1914	56	60.0	.091	.....	3	11	8	10	21	3	.....	.....	.....	.....	.....
Georgia: 8 establishments.	1913	61	60.0	.103	.....	1	.....	9	8	25	18	.....	.....	.....	.....	.....
	1914	72	60.0	.105	.....	2	.....	14	15	25	8	5	2	1	.....	.....
Maine: 5 establishments.	1913	85	58.0	.106	.....	.....	.....	.....	.....	82	3	.....	.....	.....	.....	.....
	1914	101	58.0	.106	.....	.....	.....	.....	.....	96	5	.....	.....	.....	.....	.....
Massachusetts: 18 establishments.	1913	181	54.0	.128	.....	.....	.....	.....	.....	72	70	36	3	.....	.....	.....
	1914	190	54.0	.128	.....	.....	.....	.....	1	76	72	34	7	.....	.....	.....
New Hampshire: 5 establishments.	1913	82	58.0	.140	.....	.....	.....	.....	.....	10	36	16	18	2	.....	.....
	1914	68	55.0	.149	.....	.....	.....	.....	.....	9	27	10	11	1	10	.....
North Carolina: 6 establishments.	1913	25	60.0	.096	.....	.....	3	5	1	14	2	.....	.....	.....	.....	.....
	1914	26	60.0	.101	.....	.....	3	6	.....	16	1	.....	.....	.....	.....	.....

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

MANUFACTURING—Continued.

TRIMMERS OR INSPECTORS: Female—Concluded.

State, and number of establishments.	Year.	Number of employ-ees.	Av-erage full-time of wages per week.	Av-erage rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
Rhode Island:																			
2 establishments.	1913	30	56.0	\$0.133	.....	.....	.....	.....	.....	2	22	5	1	.....	.....	.....			
	1914	30	54.0	.155	.....	.....	.....	.....	.....	1	13	3	7	5	1	.....			
South Carolina:																			
19 establishments	1913	149	60.0	.084	.....	3	62	30	18	36	.....	.....	.....	.....	.....	.....			
	1914	149	60.0	.086	.....	3	47	39	22	37	1	.....	.....	.....	.....	.....			
Other States:																			
5 establishments.	1913	29	55.9	.120	.....	.....	.....	.....	.....	11	18	.....	.....	.....	.....	.....			
	1914	28	54.3	.125	.....	.....	.....	.....	.....	10	15	3	.....	.....	.....	.....			
Total:																			
74 establishments	1913	698	57.8	.112	.....	4	70	45	41	283	174	57	22	2	.....	.....			
	1914	720	57.2	.113	.....	8	61	67	48	291	145	55	27	7	11	.....			

WEAVERS: Male.

Alabama:																			
7 establishments.	1913	343	61.4	\$0.144	.....	.....	.....	11	32	56	74	54	53	36	24	3			
	1914	399	60.1	.145	.....	.....	8	9	28	65	77	73	66	42	24	7			
Connecticut:																			
2 establishments.	1913	69	58.0	.187	.....	.....	.....	.....	1	1	3	10	10	18	25	1			
	1914	84	55.0	.197	.....	.....	.....	.....	2	3	2	9	7	8	48	5			
Georgia:																			
13 establishments	1913	850	60.0	.145	.....	.....	.....	7	37	192	191	144	126	92	55	6			
	1914	842	60.0	.157	.....	.....	.....	8	39	78	143	191	157	104	111	11			
Maine:																			
5 establishments.	1913	349	58.0	.199	.....	.....	.....	1	.....	17	16	33	43	55	154	30			
	1914	436	58.0	.197	.....	.....	.....	6	7	15	25	52	44	69	170	48			
Massachusetts:																			
18 establishments	1913	2,512	54.0	.182	.....	.....	.....	.....	8	92	169	369	634	556	605	79			
	1914	2,517	54.0	.186	.....	1	.....	2	34	98	155	312	524	500	771	120			
New Hampshire:																			
5 establishments.	1913	1,762	58.0	.191	.....	.....	.....	2	8	47	83	149	295	446	673	59			
	1914	1,881	55.0	.196	.....	.....	.....	2	10	49	99	157	273	419	741	131			
New York:																			
2 establishments.	1913	196	54.0	.207	.....	.....	.....	.....	.....	2	3	16	26	35	100	14			
	1914	205	54.8	.208	.....	1	.....	.....	.....	.....	2	18	23	37	105	19			
North Carolina:																			
13 establishments	1913	844	60.0	.146	.....	.....	.....	2	19	127	177	274	158	62	25	.....			
	1914	863	60.0	.156	.....	.....	.....	6	13	69	154	255	210	89	61	6			
Rhode Island:																			
3 establishments	1913	607	56.0	.195	.....	.....	.....	1	10	29	41	48	88	102	211	77			
	1914	646	54.0	.201	.....	.....	.....	1	7	24	46	62	56	112	225	113			
South Carolina:																			
20 establishments	1913	1,933	60.0	.143	.....	.....	1	10	91	368	586	328	285	134	125	5			
	1914	1,850	60.0	.147	.....	2	2	20	85	308	444	352	289	198	134	16			
Other States:																			
1 establishment.	1913	20	58.0	.150	.....	.....	.....	.....	.....	2	6	5	5	2	.....	.....			
	1914	32	54.0	.160	.....	.....	.....	.....	.....	1	9	5	5	5	2	1			
Total:																			
89 establishments	1913	9,485	57.6	.170	.....	.....	1	34	206	933	1,349	1,430	1,723	1,538	1,997	274			
	1914	9,755	56.8	.176	.....	4	10	54	225	710	1,156	1,490	1,654	1,583	2,392	477			

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.**MANUFACTURING—Continued.****WEAVERS: Female.**

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
Alabama:																			
7 establishments	1913	320	61.5	\$0.128	.....	.....	7	15	23	112	60	53	28	18	.....	4			
	1914	311	60.4	.131	.....	6	4	13	30	82	69	37	38	20	11	1			
Connecticut:																			
2 establishments	1913	134	58.0	.139	.....	.....	.....	1	9	22	39	40	14	9	.....	.....			
	1914	129	55.0	.144	.....	.....	.....	4	7	23	23	28	31	5	8	.....			
Georgia:																			
13 establishments	1913	556	60.0	.133	.....	.....	1	22	44	139	148	104	57	22	19	.....			
	1914	690	60.0	.140	.....	.....	1	12	44	142	167	153	102	42	26	1			
Maine:																			
5 establishments	1913	782	58.0	.167	.....	.....	.....	4	10	56	92	203	139	131	141	6			
	1914	736	58.0	.166	.....	.....	.....	4	25	61	85	192	122	102	122	23			
Massachusetts:																			
18 establishments	1913	4,123	54.0	.166	.....	.....	.....	42	295	503	859	1,148	751	465	60	.....			
	1914	3,889	54.0	.168	.....	.....	1	4	57	259	435	699	1,032	794	570	48			
New Hampshire:																			
5 establishments	1913	3,275	58.0	.180	.....	.....	.....	2	31	140	301	486	599	696	963	57			
	1914	3,157	55.0	.188	1	.....	.....	1	23	110	186	392	573	610	1,091	170			
New York:																			
2 establishments	1913	217	54.0	.184	.....	.....	.....	.....	5	7	21	64	63	55	2	.....			
	1914	252	54.0	.181	.....	.....	.....	.....	3	11	12	23	66	78	57	2			
North Carolina:																			
13 establishments	1913	388	60.0	.134	.....	.....	.....	15	94	139	90	41	5	3	1	.....			
	1914	492	60.0	.138	.....	.....	.....	9	37	90	120	114	89	28	5	.....			
Rhode Island:																			
3 establishments	1913	571	56.0	.173	.....	.....	.....	13	39	87	67	112	106	134	13	.....			
	1914	618	54.0	.181	.....	.....	1	.....	9	38	57	69	69	85	162	28			
South Carolina:																			
20 establishments	1913	706	60.0	.129	.....	.....	.....	7	45	204	250	122	47	18	13	.....			
	1914	881	60.0	.130	1	1	8	20	48	200	275	156	69	25	22	1			
Other States:																			
1 establishment.	1913	164	58.0	.146	.....	.....	.....	3	15	26	24	31	44	11	10	.....			
	1914	133	54.0	.155	.....	.....	.....	1	7	19	23	24	27	20	7	5			
Total:																			
89 establishments	1913	11,236	56.7	.164	.....	.....	8	54	247	1,132	1,650	2,076	2,293	1,830	1,803	143			
	1914	11,188	55.8	.167	2	7	10	68	290	1,095	1,452	1,887	2,218	1,799	2,081	279			

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

MANUFACTURING—Continued.

CARD STRIPPERS: Male.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	Number of em-ploy-ees.	Aver-age full-time hours per week.	Aver-age rate of wages per hour.	Employees earning each classified rate of wages per hour.														
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
Ala.....	Time..	7	17	60.2	\$0.111			4			5	7		1						
Conn.....	do....	2	17	55.0	.146								17							
Ga.....	Piece..	1	2	60.0	.160									2						
	Time..	13	77	60.0	.127						24	38	14	1						
	Total..	13	79	60.0	.128						24	38	14	3						
Me.....	Time..	5	60	58.0	.137							45	7	5	3					
Mass.....	do....	18	283	54.0	.151						1	26	195	54	7					
N. H.....	do....	5	220	55.1	.156						1	47	97	75						
N. Y.....	Piece..	1	25	55.0	.180								3	14	5	3				
	Time..	1	4	54.0	.176									2	2					
	Total..	2	29	54.8	.179								3	16	7	3				
N. C.....	Piece..	1	2	60.0	.127							2								
	Time..	13	45	60.0	.122						14	26	2	3						
	Total..	13	47	60.0	.122						14	28	2	3						
R. I.....	Time..	3	37	54.0	.155							12	11	14						
S. C.....	Piece..	1	3	60.0	.096					3										
	Time..	20	109	60.0	.117					2	69	20	17	1						
	Total..	21	112	60.0	.117					5	69	20	17	1						
Other States..	Time..	1	3	54.0	.143						1	1			1					
All States.	Piece..	4	32	56.1	.167					3		2	3	16	5	3				
	Time..	88	872	56.3	.143			4		2	115	222	360	156	13					
	Total..	90	904	56.3	.144			4		5	115	224	363	172	18	3				

DRAWING TENDERS: Male.

Ala.....	Piece..	1	4	60.0	\$0.088		2	2	1				1						
	Time..	5	42	60.3	.090	2	2	2	10	9	17								
	Total..	6	46	60.3	.090	2	4	3	10	9	17			1					
Ga.....	Piece..	1	5	60.0	.092			1		1	3								
	Time..	11	85	60.0	.107			7	4	7	45	18	4						
	Total..	12	90	60.0	.106			8	4	8	48	18	4						
Me.....	Time..	5	36	58.0	.112					10	9	17							
Mass.....	do....	12	145	54.0	.133						28	76	27	11	3				
N. H.....	Piece..	1	12	55.0	.156							1	7	3	1				
	Time..	2	21	55.0	.143						1	10	8	2					
	Total..	2	33	55.0	.148						1	11	15	5	1				
N. C.....	Piece..	2	30	60.0	.140						4	11	7	7		1			
	Time..	12	78	60.0	.111					1	47	28	2						
	Total..	13	108	60.0	.119					1	51	39	9	7		1			
R. I.....	Time..	2	25	54.0	.131						2	19	4						
S. C.....	Piece..	2	16	60.0	.093		1	4	5	1	4								
	Time..	20	139	60.0	.101			36	9	25	33	21	13	1	1				
	Total..	21	155	60.0	.100		1	40	14	26	37	21	14	1	1				
Other States..	Time..	3	22	54.3	.128						7	5	10						
All States.	Piece..	7	67	59.1	.125		3	6	5	2	11	12	16	10	1	1			
	Time..	72	593	57.8	.115	2	2	45	23	52	189	194	68	14	4				
	Total..	76	660	57.9	.116	2	5	51	28	54	200	206	84	24	5	1			

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

DRAWING TENDERS: Female.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
Ala.....	Time..	3	22	60.0	\$0.065	10	6	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Ga.....	Piece..	1	10	60.0	.090	.....	.....	.....	2	.....	5	3	.....	.....	.....	.....	.....	.....	.....	
	Time..	6	44	60.0	.106	.....	.....	.....	.....	2	.....	32	10	.....	.....	.....	.....	.....	.....	
	Total.	7	54	60.0	.103	.....	.....	.....	2	2	5	35	10	.....	.....	.....	.....	.....	.....	
Me.....	Time..	3	62	58.0	.108	.....	.....	.....	.....	25	25	7	5	.....	.....	.....	.....	.....	.....	
Mass.....	do ..	10	209	53.8	.119	.....	.....	.....	.....	.....	133	64	10	2	.....	.....	.....	.....	.....	
N. H.....	Piece..	1	49	55.0	.156	.....	.....	.....	.....	.....	2	9	15	18	4	1	.....	.....	.....	
	Time..	5	126	55.0	.121	.....	.....	.....	.....	2	.....	45	74	2	3	.....	.....	.....	.....	
	Total.	5	175	55.0	.131	.....	.....	.....	.....	2	.....	47	83	17	21	4	1	.....	.....	
Other States..	Time..	4	52	54.4	.119	.....	.....	2	.....	.....	15	35	.....	.....	.....	.....	.....	.....	.....	
All States.	Piece..	2	59	55.8	.145	.....	.....	2	.....	5	5	9	15	18	4	1	.....	.....	.....	
	Time..	31	515	55.5	.115	10	6	2	4	31	250	190	17	5	.....	.....	.....	.....	.....	
	Total.	32	574	55.5	.118	10	6	4	4	36	255	199	32	23	4	1	.....	.....	.....	

FINE SPEEDERS: Male.

Ala.....	Piece..	5	49	60.0	\$0.131		1			3	13	17	11	1		3			
Ga.....	Piece..	12	163	60.0	.152					3	12	35	55	33	15	10			
	do ..	1	2	60.0	.140								2						
	Total.	13	165	60.0	.152					3	12	35	57	33	15	10			
Mass.....	Piece..	1	1	54.0	.136							1							
	Time..	1	30	54.0	.145						6	19			5				
	Total.	2	31	54.0	.144						6	20			5				
N. C.....	Piece..	11	134	60.0	.160				1	2	9	25	33	29	16	19			
	Time..	2	14	60.0	.125							14							
	Total.	13	148	60.0	.157				1	2	9	39	33	29	16	19			
S. C.....	Piece..	21	375	60.0	.150		1	2	1	3	30	85	125	86	36	6			
	do ..	2	10	56.7	.226									3	1	2	4		
	Total.	23	385	58.9	.152		1	2	1	3	30	85	125	86	36	6			
Other States..	Piece..	52	732	59.9	.152		2	2	2	11	64	163	224	152	68	40	4		
	Time..	4	46	56.1	.138						6	33	2		5				
	Total.	56	778	59.7	.151		2	2	2	11	70	196	226	152	73	40	4		

FINE SPEEDERS: Female.

Ala.....	Piece..	7	89	60.2	\$0.120		2		2	4	37	31	9	3	1				
Ga.....	Time..	1	2	60.0	.100						2								
	Total.	8	91	60.2	.120		2		2	4	39	31	9	3	1				
Conn.....	Piece..	2	35	55.0	.147						3	5	23	3	1				
Ga.....	Piece..	12	117	60.0	.137		1		1	4	24	30	35	21	1				
	Time..	2	5	60.0	.120						1	4							
Total.	Piece..	14	122	60.0	.136		1		1	4	25	34	35	21	1				
	Time..	3	7	60.0	.110														

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

FINE SPEEDERS: Female—Concluded.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
Me.....	Piece..	5	186	58.0	\$0.156	.....	.....	1	.....	2	3	30	79	53	11	7	.....			
	Time..	1	5	58.0	.093	.....	.....	.....	4	.....	.....	1	.....	.....	.....	.....	.....			
	Total.	5	191	58.0	.154	.....	.....	1	4	2	3	31	79	53	11	7	.....			
Mass.....	Piece..	18	729	54.0	.161	.....	.....	.....	2	1	16	83	262	263	64	35	3			
	Time..	3	26	53.7	.139	.....	.....	.....	.....	.....	2	6	17	.....	1	.....	.....			
	Total.	18	755	54.0	.160	.....	.....	.....	2	1	18	89	279	263	65	35	3			
N. H.....	Piece..	5	347	55.0	.167	.....	.....	.....	.....	1	10	39	78	122	60	35	2			
N. Y.....	do..	2	119	54.0	.178	.....	.....	.....	.....	.....	1	4	10	62	40	1	1			
N. C.....	Piece..	7	55	60.0	.122	.....	.....	.....	3	12	18	7	8	5	2	.....	.....			
	Time..	1	3	60.0	.125	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....			
	Total.	8	58	60.0	.122	.....	.....	.....	3	12	18	10	8	5	2	.....	.....			
R. I.....	Piece..	3	108	54.0	.167	.....	.....	.....	1	1	4	3	30	39	17	13	.....			
S. C.....	do..	16	153	60.0	.129	.....	.....	.....	1	3	8	56	28	33	22	2	.....			
O t h e r States..	do..	1	22	54.0	.154	.....	.....	.....	.....	.....	.....	6	6	7	3	.....	.....			
All States.	Piece..	78	1,960	55.9	.155	.....	3	2	12	4	33	172	266	573	600	202	91			
	Time..	8	41	55.7	.128	.....	.....	.....	.....	.....	.....	5	14	17	.....	1	.....			
	Total.	79	2,001	55.8	.155	.....	3	2	16	.....	33	177	280	590	600	203	91			

LOOM FIXERS: Male.

Ala.....	Piece..	1	21	60.0	\$0.183									6	15				
	Time..	7	115	60.1	.189									13	85	17			
	Total.	7	136	60.1	.188									19	100	17			
Conn.....	Time..	2	27	55.0	.261										1	9	17		
Ga.....	Piece..	1	30	60.0	.189									2	25	2	1		
	Time..	13	194	60.0	.183									2	122	16	54		
	Total.	13	224	60.0	.183									2	124	41	56	1	
Me.....	Time..	5	151	58.0	.258											113	38		
Mass.....	Piece..	1	7	54.0	.281												7		
	Time..	18	585	54.0	.264											142	443		
	Total.	18	592	54.0	.264											142	450		
N. H.....	Piece..	1	51	55.0	.286											1	50		
	Time..	5	490	55.0	.262											80	410		
	Total.	5	541	55.0	.264											81	460		
N. Y.....	Piece..	1	49	54.4	.272										1		48		
	Time..	1	10	54.0	.236										1	7	2		
	Total.	2	59	54.3	.266										2	7	50		
N. C.....	Time..	13	153	60.0	.169								4	144	2	3			
R. I.....	do..	3	185	54.0	.276											13	172		
S. C.....	do..	21	400	60.4	.176								54	189	116	41			
O t h e r States.....	do..	1	23	55.0	.199								4	2	1	15	1		
All States.	Piece..	5	158	56.4	.249									8	41	3	106		
	Time..	89	2,333	56.8	.232								64	470	222	494	1,083		
	Total.	90	2,491	56.8	.233								64	478	263	497	1,189		

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

SLASHERS: Male.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Ala.....	Time..	7	22	60.1	\$.141	.....	.....	.....	.....	.....	5	3	10	4	.....	.....	.....	
Ga.....	do....	13	68	60.0	.146	.....	.....	.....	.....	.....	12	5	23	13	5	.....	.....	
Me.....	do....	5	29	53.0	.205	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	25	.....	
Mass.....	Piece..	2	9	54.0	.308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	4	
	Time..	17	129	53.9	.235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103	26	
	Total..	17	138	53.9	.240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108	30	
N. H.....	Piece..	1	75	55.0	.324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	72	
	Time..	4	37	55.0	.227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	3	
	Total..	5	112	55.0	.292	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	75	
N. C.....	Time..	11	37	60.0	.149	.....	.....	.....	.....	.....	2	1	30	4	.....	.....	.....	
S. C.....	do....	21	77	60.0	.134	.....	.....	.....	.....	.....	13	28	30	6	.....	.....	.....	
Other States.....	do....	8	45	54.3	.233	.....	.....	.....	.....	.....	.....	.....	.....	3	5	21	16	
All States.	Piece..	3	84	54.9	.323	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	76	
	Time..	86	444	57.1	.189	.....	.....	.....	.....	.....	32	37	103	30	14	183	45	
	Total..	87	528	56.8	.211	.....	.....	.....	.....	.....	32	37	103	30	14	191	121	

SPINNERS, FRAME: Male.

Mass.....	Piece..	1	9	54.0	\$0.198	.....	.....	.....	.....	.....	.....	.....	.....	2	1	6	.....
	Time..	10	184	53.8	.156	.....	1	1	3	7	17	25	42	42	33	13	.....
	Total..	10	193	53.8	.158	.....	1	1	3	7	17	25	42	44	34	19	.....
N. H.....	Piece..	4	135	55.0	.156	.....	.....	.....	.....	.....	12	19	39	44	16	5	.....
	Time..	3	29	55.0	.147	.....	.....	.....	.....	3	5	2	10	5	2	2	.....
	Total..	5	164	55.0	.154	.....	.....	.....	.....	3	17	21	49	49	18	7	.....
S. C.....	Time..	6	32	60.0	.104	.....	.....	3	5	4	15	2	2	1	.....	.....	.....
Other States.....	Piece..	3	11	57.3	.133	.....	.....	.....	1	1	3	2	.....	3	1	.....	.....
	Time..	8	59	57.6	.156	.....	.....	.....	1	2	14	10	6	5	6	14	.....
	Total..	10	69	57.5	.152	.....	.....	.....	2	3	17	12	6	8	7	14	.....
All States.	Piece..	8	155	55.1	.157	.....	.....	.....	1	1	15	21	39	49	18	11	.....
	Time..	27	303	55.3	.149	.....	1	4	9	16	51	39	60	53	41	29	.....
	Total..	31	458	55.2	.152	.....	1	4	10	17	66	60	99	102	59	40	.....

SPINNERS, FRAME: Female.

Ala.....	Piece..	2	146	60.0	\$0.098	.....	.....	9	38	32	51	16	.....	.....	.....	.....	.....
	Time..	5	224	60.2	.097	.....	1	6	46	46	51	16	18	.....	.....	.....	.....
	Total..	7	370	60.1	.098	.....	1	6	55	78	78	102	32	18	.....	.....	.....
Conn.....	Time..	2	88	55.0	.154	.....	.....	.....	.....	3	5	15	39	5	11	9	1
Ga.....	Piece..	1	132	60.0	.112	.....	1	7	8	15	17	33	34	5	7	4	1
	Time..	12	655	60.0	.107	.....	8	32	44	79	33	204	137	51	9	7	1
	Total..	13	787	60.0	.108	.....	9	39	52	94	100	237	171	56	16	11	2
Me.....	Piece..	1	24	58.0	.135	.....	.....	.....	.....	.....	1	16	6	1	.....	.....	.....
	Time..	4	325	53.0	.142	.....	.....	.....	6	18	41	89	86	50	33	2	.....
	Total..	5	349	53.0	.142	.....	.....	.....	6	18	42	105	92	51	33	2	.....

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIME WORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

SPINNERS, FRAME: Female—Concluded.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	Num-ber of em-ploy-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts and over.		
Mass.....	Piece..	1	40	54.0	\$0.164							4	15	18	1	2			
	Time..	18	1,705	53.9	.150			4	9	27	100	321	793	292	112	47			
	Total.	18	1,745	53.9	.150			4	9	27	100	325	808	310	113	49			
N. H.....	Piece..	4	936	55.0	.156			1	3	17	71	111	195	438	82	18			
	Time..	3	361	55.0	.149				1	9	23	42	228	47	9	2			
	Total.	5	1,297	55.0	.154			1	4	26	94	153	423	485	91	20			
N. Y.....	Piece..	1	24	54.0	.170						1	3	1	10	9				
	Time..	2	204	54.0	.150		3	1		5	41	33	44	33	39	5			
	Total.	2	228	54.0	.152		3	1		5	42	36	45	43	48	5			
N. C.....	Time..	13	473	60.0	.110		3	23	57	53	198	87	47	4	1				
R. I.....	do..	3	228	54.0	.151		1	1	2	10	31	41	47	59	21	14	1		
S. C.....	do..	21	1,260	60.0	.107	1	3	52	148	237	561	205	42	8	2	1			
Other States..	do..	1	81	54.0	.118					10	32	33	6						
All States.	Piece..	10	1,302	56.1	.145	1	7	18	56	66	157	184	222	474	96	21			
	Time..	84	5,604	57.1	.129	10	48	171	342	601	1,287	1,019	1,401	507	235	81	2		
	Total.	90	6,906	56.9	.132	11	55	189	398	567	1,444	1,203	1,623	981	331	102	2		

SPINNERS, MULE: Male.

Me.....	Piece..	3	43	58.0	\$0.253							1		2	8	7	25
Mass.....	do..	5	119	54.0	.339											28	91
N. H.....	Piece..	2	21	55.0	.264											4	17
	Time..	1	2	55.0	.197									1		1	
	Total.	2	23	55.0	.258											5	17
R. I.....	Piece..	2	39	54.0	.249											21	18
	do..	2	21	54.7	.218									1	10	5	5
All States.	Piece..	14	243	54.9	.292							1		3	18	65	156
	Time..	1	2	55.0	.197									1		1	
	Total.	14	245	54.9	.291							1		4	18	66	156

TRIMMERS OR INSPECTORS: Female.

Ala.....	Time..	6	56	60.0	\$0.091		3	11	8	10	21	3					
Ga.....	Piece..	2	19	60.0	.133				1	1	2	7	5	2	1		
	Time..	8	53	60.0	.095		2		13	14	23	1					
	Total.	8	72	60.0	.105		2		14	15	25	8	5	2	1		
Me.....	Time..	5	101	58.0	.106						96	5					
Mass.....	Piece..	3	25	54.0	.134					1	3	17		4			
	Time..	15	165	54.0	.127						73	55	34	3			
	Total.	18	190	54.0	.128					1	76	72	34	7			
N. H.....	Piece..	2	20	55.0	.160							1	7	11	1		
	Time..	5	48	55.0	.144						9	26	3			10	
	Total.	5	68	55.0	.149						9	27	10	11	1	10	
N. C.....	Time..	6	26	60.0	.101			3	6		16	1					
R. I.....	Piece..	2	18	54.0	.170						1	1	3	7	5	1	
	Time..	1	12	54.0	.133							12					
	Total.	2	30	54.0	.155						1	13	3	7	5	1	

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

TRIMMERS OR INSPECTORS: Female—Concluded.

State.	Piece-workers or time-workers.	No. of es-tab-lish-m'ts.	Num-ber of em-ploy-ees.	Aver-age full-time hours per week.	Aver-age rate of wages per hour.	Employees earning each classified rate of wages per hour.														
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.			
S. C.	Piece..	1	6	60.0	\$0.095	....	1	2	....	....	2	1	....	....	....	....	....	....	....	....
	Time..	19	143	60.0	.085	....	2	45	39	22	35	....	....	....	....	....	....	....	....	....
	Total.	19	149	60.0	.086	....	3	47	39	22	37	1	....	....	....	....	....	....	....	....
Other States..	Time..	5	28	54.3	.125	....	....	....	....	....	10	15	3	....	....	....	....	....	....	....
	Piece..	10	88	55.9	.145	....	1	2	1	2	8	27	15	24	7	1	....	....	....	....
All States.	Time..	70	632	57.4	.109	....	7	59	66	46	283	118	40	3	10	....	....	....	....	....
	Total.	74	720	57.2	.113	....	8	61	67	48	291	145	55	27	7	11	....	....	....	....

WEAVERS: Male.

Ala.	Piece..	7	362	60.0	\$0.148	.....	8	9	21	48	65	72	66	42	24	7	.....	.....	.....	.....
	Time..	4	37	60.4	.112	.....	.....	.....	7	17	12	1	.....	.....	.....	.....	.....	.....	.....	.....
	Total.	7	399	60.1	.145	.....	8	9	28	65	77	73	66	42	24	7	.....	.....	.....	.....
Conn.	Piece..	2	84	55.0	.197	.....	.....	.....	2	3	2	9	7	8	48	5	.....	.....	.....	.....
Ga.	Piece..	13	771	60.0	.161	.....	.....	8	16	67	127	171	156	104	111	11	.....	.....	.....	.....
	Time..	7	71	60.0	.117	.....	.....	.....	23	11	16	20	1	.....	.....	.....	.....	.....	.....	.....
	Total.	13	842	60.0	.157	.....	.....	8	39	78	143	191	157	104	111	11	.....	.....	.....	.....
Me.	Piece..	5	434	53.0	.197	.....	.....	6	7	15	25	52	42	69	170	48	.....	.....	.....	.....
	Time..	1	2	58.0	.173	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
	Total.	5	436	53.0	.197	.....	.....	6	7	15	25	52	44	69	170	48	.....	.....	.....	.....
Mass.	Piece..	18	2,485	54.0	.186	.....	1	2	34	98	154	305	508	492	771	120	.....	.....	.....	.....
	Time..	4	32	54.0	.168	.....	.....	.....	.....	.....	1	7	16	8	.....	.....	.....	.....	.....	.....
	Total.	18	2,517	54.0	.186	.....	1	2	34	98	155	312	524	500	771	120	.....	.....	.....	.....
N. H.	Piece..	5	1,859	55.0	.196	.....	.....	2	10	49	79	156	273	418	741	131	.....	.....	.....	.....
	Time..	4	22	55.0	.132	.....	.....	.....	.....	.....	20	1	.....	1	.....	.....	.....	.....	.....	.....
	Total.	5	1,881	55.0	.196	.....	.....	2	10	49	99	157	273	419	741	131	.....	.....	.....	.....
N. Y.	Piece..	2	205	54.8	.208	.....	1	.....	.....	.....	2	18	23	37	105	19	.....	.....	.....	.....
N. C.	Piece..	13	805	60.0	.157	.....	.....	6	13	68	136	241	185	89	61	6	.....	.....	.....	.....
	Time..	3	58	60.0	.145	.....	.....	.....	.....	1	18	14	25	.....	.....	.....	.....	.....	.....	.....
	Total.	13	863	60.0	.156	.....	.....	6	13	69	154	255	210	89	61	6	.....	.....	.....	.....
R. I.	Piece..	3	633	54.0	.202	.....	.....	1	7	24	45	61	56	101	225	113	.....	.....	.....	.....
	Time..	1	13	54.0	.175	.....	.....	.....	.....	.....	1	1	.....	11	.....	.....	.....	.....	.....	.....
	Total.	3	646	54.0	.201	.....	.....	1	7	24	46	62	56	112	225	113	.....	.....	.....	.....
S. C.	Piece..	20	1,608	60.0	.152	.....	2	2	20	49	204	348	351	284	198	134	16	.....	.....	.....
	Time..	9	242	60.0	.111	.....	.....	.....	36	104	96	1	5	.....	.....	.....	.....	.....	.....	.....
	Total.	20	1,850	60.0	.147	.....	2	2	20	85	308	444	352	289	198	134	16	.....	.....	.....
Other States..	Piece..	1	32	54.0	.160	.....	.....	.....	.....	1	9	9	5	5	2	1	.....	.....	.....	.....
All States.	Piece..	89	9,278	56.7	.178	.....	4	10	54	159	577	992	1,445	1,605	1,563	2,392	477	.....	.....	.....
	Time..	33	477	59.2	.123	.....	.....	.....	66	133	164	45	49	20	.....	.....	.....	.....	.....	.....
	Total.	89	9,755	56.8	.176	.....	4	10	54	225	710	1,156	1,490	1,654	1,583	2,392	477	.....	.....	.....

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

WEAVERS: Female.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Ala.....	Piece..	7	269	60.3	\$0.135	.....	1	4	13	25	63	56	37	38	20	11	1	
	Time..	4	42	60.7	.105	.....	5	.....	.....	5	19	13	.....	.....	.....	.....	.....	
	Total..	7	311	60.4	.131	.....	6	4	13	30	82	69	37	38	20	11	1	
Conn.....	Piece..	2	129	55.0	.144	.....	.....	.....	4	7	23	23	28	31	5	8	.....	
Ga.....	Piece..	13	628	60.0	.140	.....	.....	1	12	41	127	155	122	102	42	25	1	
	Time..	7	62	60.0	.130	.....	.....	.....	.....	3	15	12	31	.....	.....	1	.....	
	Total..	13	690	60.0	.140	.....	.....	1	12	44	142	167	153	102	42	26	1	
Me.....	Piece..	5	735	58.0	.166	.....	.....	.....	4	25	61	85	191	122	102	122	23	
	Time..	1	1	58.0	.150	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	
	Total..	5	736	58.0	.166	.....	.....	.....	4	25	61	85	192	122	102	122	23	
Mass.....	Piece..	18	3,867	54.0	.168	.....	.....	1	4	57	259	433	695	1,021	781	568	48	
	Time..	5	22	54.0	.168	.....	.....	.....	.....	.....	.....	2	4	11	3	2	.....	
	Total..	18	3,889	54.0	.168	.....	.....	1	4	57	259	435	699	1,032	784	570	48	
N. H.....	Piece..	5	3,123	55.0	.189	1	.....	.....	1	22	99	179	383	573	610	1,060	170	
	Time..	3	29	55.0	.125	.....	.....	.....	.....	1	11	7	9	.....	.....	1	.....	
	Total..	5	3,157	55.0	.188	1	.....	.....	1	23	110	186	392	573	610	1,061	170	
N. Y.....	Piece..	2	252	54.0	.181	.....	.....	.....	.....	3	11	12	23	60	78	57	2	
N. C.....	Piece..	13	469	60.0	.139	.....	.....	.....	9	37	83	116	105	86	28	5	.....	
	Time..	3	23	60.0	.132	.....	.....	.....	.....	7	9	4	9	3	.....	.....	.....	
	Total..	13	492	60.0	.138	.....	.....	.....	9	37	90	120	114	89	28	5	.....	
R. I.....	Piece..	3	493	54.0	.181	.....	.....	1	.....	9	38	55	69	67	64	162	28	
	Time..	1	25	54.0	.176	.....	.....	.....	.....	.....	.....	2	.....	2	21	.....	.....	
	Total..	3	518	54.0	.181	.....	.....	1	.....	9	38	57	69	69	85	162	28	
S. C.....	Piece..	20	722	60.0	.133	1	1	3	20	41	183	202	155	68	25	22	1	
	Time..	9	159	60.0	.114	.....	.....	.....	.....	7	77	73	1	1	.....	.....	.....	
	Total..	20	881	60.0	.130	1	1	3	20	48	260	275	156	69	25	22	1	
Other States..	Piece..	1	133	54.0	.155	.....	.....	.....	1	7	19	23	24	27	20	7	5	
All States.	Piece..	89	10,825	55.7	.169	2	2	10	68	274	966	1,339	1,832	2,201	1,775	2,077	279	
	Time..	33	363	58.9	.125	.....	5	.....	.....	16	129	113	55	17	24	4	.....	
	Total..	89	11,188	55.8	.167	2	7	10	68	290	1,095	1,452	1,887	2,218	1,799	2,081	279	

OTHER EMPLOYEES: Male.

Ala.....	Piece..	7	264	60.0	\$0.115	31	11	21	9	20	62	37	38	10	9	15	1
	Time..	7	1,610	60.6	.111	141	127	132	44	117	445	283	146	64	11	67	33
	Total..	7	1,874	60.5	.111	172	138	153	53	137	507	320	184	74	20	82	34
Conn.....	Piece..	2	34	55.0	.179	.....	.....	3	1	2	.....	4	5	3	2	6	8
	Time..	2	309	55.5	.171	4	1	.....	.....	4	18	53	110	31	23	33	32
	Total..	2	343	55.4	.171	4	1	3	1	6	18	57	115	34	25	39	40
Ga.....	Piece..	13	530	60.0	.129	23	20	20	36	25	93	99	83	75	41	13	2
	Time..	13	3,026	60.3	.124	94	89	144	85	151	1,034	713	247	186	22	153	103
	Total..	13	3,556	60.3	.125	117	109	164	121	176	1,127	812	330	261	63	171	105

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

MANUFACTURING—Continued.

OTHER EMPLOYEES: Male—Concluded.

State.	Pieceworkers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Me.....	Piece..	5	113	58.0	\$0.177	.....	.....	1	1	.....	5	15	7	25	25	33	1	
	Time..	5	1,385	58.4	.157	6	8	33	32	43	143	362	198	179	122	156	103	
Mass.....	Total.	5	1,498	58.4	.160	6	8	34	33	43	148	377	205	204	147	189	104	
	Piece..	18	905	53.8	.191	35	13	19	10	10	36	64	106	73	144	196	199	
N. H.....	Time..	18	5,488	54.7	.168	12	11	18	54	106	446	1,154	1,392	603	503	629	560	
	Total.	18	6,393	54.6	.172	47	24	37	64	116	482	1,218	1,498	676	647	825	759	
N. Y.....	Piece..	5	955	55.0	.174	18	15	22	27	12	22	45	233	156	157	171	77	
	Time..	5	6,146	56.0	.182	20	25	6	20	14	225	815	1,619	983	563	1,121	735	
N. C.....	Total.	5	7,101	55.8	.181	38	40	28	47	26	247	860	1,852	1,139	720	1,292	812	
	Piece..	2	44	55.9	.197	.....	.....	.....	.....	.....	.....	3	13	12	11	5	.....	
N. C.....	Time..	2	558	55.8	.171	.....	.....	.....	2	4	7	123	171	80	41	83	47	
	Total.	2	602	55.8	.173	.....	.....	.....	2	4	7	123	174	93	53	94	52	
R. I.....	Piece..	11	198	60.0	.146	8	5	10	7	7	6	41	39	32	21	19	3	
	Time..	13	1,910	60.3	.115	44	62	189	88	42	742	356	202	95	10	62	18	
S. C.....	Total.	13	2,108	60.2	.118	52	67	199	95	49	748	397	241	127	31	81	21	
	Piece..	3	196	54.0	.179	5	1	6	3	5	16	12	30	22	31	40	25	
S. C.....	Time..	3	964	54.6	.175	6	.....	2	1	15	67	183	146	240	69	129	106	
	Total.	3	1,160	54.5	.176	11	1	8	4	20	83	195	176	262	100	169	131	
Other States..	Piece..	21	637	60.0	.123	48	32	26	25	38	105	120	137	73	24	9	.....	
	Time..	21	4,863	60.3	.112	278	112	317	311	469	1,905	482	426	229	67	185	82	
All States.	Total.	21	5,500	60.2	.114	326	144	343	336	507	2,010	602	563	302	91	194	82	
	Time..	1	241	55.3	.156	.....	.....	.....	4	21	43	25	54	37	7	29	21	
All States.	Piece..	87	3,876	56.9	.159	168	97	128	119	119	345	437	681	482	466	513	321	
	Time..	90	26,500	57.6	.149	605	435	841	641	986	5,075	4,549	4,711	2,727	1,438	2,652	1,840	
All States.	Total.	90	30,376	57.5	.150	773	532	969	760	1,105	5,420	4,986	5,392	3,209	1,904	3,165	2,161	

OTHER EMPLOYEES: Female.

Ala.....	Piece..	7	500	60.1	\$0.073	188	68	54	52	40	63	13	16	4	2	.....	.....			
	Time..	7	187	60.2	.079	72	29	11	10	12	26	26	.....	.....	1	.....	.....			
	Total.	7	687	60.2	.075	260	97	65	62	52	89	39	16	4	3	.....	.....			
Conn.....	Piece..	2	72	55.0	.116	11	3	4	3	5	12	13	9	6	2	4	.....			
	Time..	2	59	55.0	.127	2	1	.....	.....	.....	15	27	6	6	2	.....	.....			
	Total.	2	131	55.0	.121	13	4	4	3	5	27	40	15	12	4	4	.....			
Ga.....	Piece..	11	653	60.0	.098	91	47	63	64	73	143	106	48	4	7	5	2			
	Time..	13	281	60.0	.101	31	12	27	17	29	71	72	17	2	3	.....	.....			
	Total.	13	934	60.0	.099	122	59	90	81	102	214	178	65	6	10	5	2			
Me.....	Piece..	5	326	58.0	.130	4	3	19	17	18	63	63	77	47	13	2	.....			
	Time..	5	476	58.0	.124	3	4	34	37	28	108	103	106	34	11	7	1			
	Total.	5	802	58.0	.126	7	7	53	54	46	171	166	183	81	24	9	1			

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIME WORKERS, BY STATES, 1914—Concl'd.

MANUFACTURING—Continued.

OTHER EMPLOYEES: Female—Concluded.

State.	Piece-workers or time-workers.	No. of estab-lish-ments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 6 cts.	6 and under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.		
Mass.....	Piece..	18	2,027	53.9	\$0.144	61	31	64	68	66	245	345	400	378	220	130	19		
	Time..	18	1,628	53.5	.124	2	6	76	84	143	427	481	224	124	47	14	.....		
	Total.	18	3,655	53.7	.135	63	37	140	152	209	672	826	624	502	267	144	19		
N. H.....	Piece..	5	1,499	55.0	.157	31	26	44	48	30	91	174	296	292	263	175	29		
	Time..	5	1,267	55.0	.137	29	27	33	31	47	188	287	233	234	104	52	2		
	Total.	5	2,766	55.0	.148	60	53	77	79	77	279	461	529	526	367	227	31		
N. Y.....	Piece..	2	155	54.0	.160	3	1	1	1	6	9	11	37	37	29	20	.....		
	Time..	2	109	54.0	.123	.....	.....	.....	7	4	55	21	1	11	5	5	.....		
	Total.	2	264	54.0	.145	3	1	1	8	10	64	32	38	48	34	25	.....		
N. C.....	Piece..	13	450	60.0	.092	58	38	52	64	69	105	40	19	3	2	.....	.....		
	Time..	12	157	60.0	.087	21	9	42	10	8	43	19	5	.....	.....	.....	.....		
	Total.	13	607	60.0	.090	79	47	94	74	77	148	59	24	3	2	.....	.....		
R. I.....	Piece..	3	278	54.0	.150	8	8	3	21	10	31	40	29	48	38	36	6		
	Time..	3	268	54.0	.130	3	17	2	6	11	47	88	50	24	18	2	.....		
	Total.	3	546	54.0	.140	11	25	5	27	21	78	128	79	72	56	38	6		
S. C.....	Piece..	21	1,316	60.0	.088	279	169	172	113	125	235	134	49	21	8	9	2		
	Time..	20	394	60.0	.094	43	15	91	46	36	107	44	11	1	.....	.....	.....		
	Total.	21	1,710	60.0	.089	322	184	263	159	161	342	178	60	22	8	9	2		
Other States..	Piece..	1	117	54.0	.140	3	.....	4	7	7	15	20	24	19	10	7	1		
	Time..	1	101	54.0	.115	.....	.....	.....	1	26	32	35	2	.....	5	.....	.....		
	Total.	1	218	54.0	.129	3	.....	4	8	33	47	55	26	19	15	7	1		
All States.	Piece..	88	7,393	56.7	.124	737	394	480	458	449	1,012	959	1,004	859	594	388	59		
	Time..	88	4,927	55.7	.121	206	120	316	249	344	1,119	1,203	655	436	196	80	3		
	Total.	90	12,320	56.3	.123	943	514	796	707	793	2,131	2,162	1,659	1,295	790	468	62		

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914.

MANUFACTURING—Continued.

[The figures opposite each group of years are for identical establishments.]

NUMBER.												
Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
<i>Card strippers, male.</i>												
36 establishments.....	1907	284	59.8	\$0.131	(1)	.....	.....	166	54	24	4	36
	1908	289	59.3	.124	(1)	.....	.....	186	70	.....	10	23
	1909	287	59.3	.121	(1)	.....	.....	175	82	.....	9	21
	1910	318	57.8	.124	(1)	.....	166	78	52	.....	8	14
59 establishments.....	1910	523	58.4	.120	\$6.95	.....	250	121	68	12	19	53
	1911	515	58.3	.122	7.08	.....	253	123	60	12	19	48
88 establishments.....	1911	786	58.3	.121	7.02	.....	314	255	126	12	22	57
	1912	800	57.1	.134	7.62	284	37	251	219	.....	1	8
88 establishments.....	1912	804	57.1	.134	7.62	284	37	251	223	.....	1	8
	1913	845	57.2	.138	7.83	288	37	284	229	.....	1	6
90 establishments.....	1913	871	57.1	.139	7.89	312	37	284	231	.....	1	6
	1914	904	56.3	.144	8.06	348	231	60	264	.....	1	.....
<i>Drawing tenders, male.</i>												
34 establishments.....	1907	219	60.4	.100	(1)	.....	.....	112	26	42	1	38
	1908	234	59.7	.098	(1)	.....	.....	110	94	.....	9	21
	1909	253	59.7	.099	(1)	.....	.....	129	89	.....	12	23
	1910	253	58.5	.098	(1)	.....	113	34	78	.....	10	18
56 establishments.....	1910	436	59.5	.096	5.70	.....	144	54	111	62	17	48
	1911	457	59.7	.097	5.78	.....	147	45	120	62	23	60
84 establishments.....	1911	750	59.5	.097	5.73	.....	211	130	235	62	28	84
	1912	723	57.9	.108	6.22	195	39	125	348	.....	4	12
82 establishments.....	1912	727	57.9	.108	6.20	195	39	125	352	.....	4	12
	1913	624	58.0	.109	6.31	164	37	75	341	.....	4	3
76 establishments.....	1913	572	58.4	.109	6.32	117	28	75	345	.....	4	3
	1914	660	57.9	.116	6.66	186	39	36	395	.....	4	.....
<i>Drawing tenders, female.</i>												
19 establishments.....	1907	234	60.2	.093	(1)	.....	.....	117	64	.....	16	37
	1908	232	59.3	.093	(1)	.....	.....	130	86	.....	.....	16
	1909	249	59.4	.091	(1)	.....	.....	128	105	.....	.....	16
	1910	233	58.1	.089	(1)	.....	67	110	49	.....	.....	7
27 establishments.....	1910	359	58.2	.090	5.20	.....	136	139	56	.....	.....	28
	1911	344	57.7	.094	5.41	.....	146	145	37	.....	.....	16
45 establishments.....	1911	502	57.8	.095	5.46	.....	172	255	56	.....	.....	19
	1912	525	57.0	.110	6.23	190	9	231	82	.....	.....	13
	1913	594	56.8	.114	6.48	221	11	265	97	.....	.....	.....
32 establishments.....	1913	594	56.7	.115	6.50	235	11	265	83	.....	.....	.....
	1914	574	55.5	.118	6.51	* 249	185	62	78	.....	.....	.....
<i>Fine speeders, male.</i>												
16 establishments.....	1907	201	63.9	.116	(1)	.....	.....	.....	.....	96	10	95
	1908	224	61.1	.123	(1)	.....	.....	.....	171	.....	24	20
	1909	258	61.2	.129	(1)	.....	.....	.....	195	.....	24	39
	1910	249	61.0	.131	(1)	.....	.....	.....	192	.....	29	28

¹ Not computed.² Including 5 employees whose full-time hours per week were under 54.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK,¹ AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.**NUMBER—Continued.**

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
<i>Fine speeders, male—Con.</i>												
32 establishments	1910	426	61.4	\$0.131	\$8.03				273	41	52	60
	1911	396	61.4	.135	8.29				243	63	35	55
62 establishments	1911	623	61.2	.135	8.24		3	17	474		41	88
	1912	666	59.7	.142	8.47	50		12	581			23
61 establishments	1912	680	59.7	.143	8.52	50		12	595			23
	1913	745	59.8	.145	8.72	39		4	691			11
55 establishments	1913	742	59.7	.145	8.64	42		2	687			11
	1914	778	59.7	.151	9.04	34	3		741			
<i>Fine speeders, female.</i>												
35 establishments	1907	721	59.3	.139	(1)			463	153	30	22	53
	1908	694	59.1	.138	(1)			438	208		5	43
	1909	714	59.1	.135	(1)			453	220		1	40
	1910	800	57.6	.134	(1)		437	185	143		3	32
57 establishments	1910	1,175	57.8	.133	7.68		602	313	165	21	12	62
	1911	1,189	57.9	.135	7.80		597	311	165	36	10	70
82 establishments	1911	1,753	57.9	.136	7.86		801	547	258	36	16	95
	1912	1,784	56.6	.149	8.42	784	106	531	328		5	30
80 establishments	1912	1,791	56.7	.148	8.38	784	134	503	335		5	30
	1913	1,855	56.7	.151	8.55	795	95	597	343		6	19
79 establishments	1913	1,946	56.5	.153	8.61	888	95	597	341		6	19
	1914	2,001	55.8	.155	8.61	1,004	382	191	418		6	
<i>Loom firers, male.</i>												
36 establishments	1907	631	60.8	.207	(1)			277	105	95	21	133
	1908	619	59.7	.202	(1)			278	270		13	58
	1909	680	59.8	.197	(1)			304	286		23	67
	1910	728	58.3	.202	(1)		323	133	207		17	48
59 establishments	1910	1,267	58.7	.200	11.64		528	232	293	56	46	112
	1911	1,314	58.6	.203	11.81		574	226	296	60	46	112
88 establishments	1911	2,200	58.6	.203	11.80		729	659	543	60	51	158
	1912	2,273	57.7	.224	12.91	566	191	701	762		4	49
88 establishments	1912	2,290	57.7	.224	12.84	566	191	701	779		4	49
	1913	2,321	57.6	.226	12.93	600	178	692	811		4	36
90 establishments	1913	2,370	57.6	.227	12.96	643	178	692	817		4	36
	1914	2,491	56.8	.233	13.09	833	591	151	889		5	22
<i>Slashers, male.</i>												
35 establishments	1907	159	60.3	.183	(1)			77	29	25	7	21
	1908	158	59.6	.183	(1)			75	69		1	13
	1909	167	59.4	.189	(1)			82	73		1	11
	1910	166	58.1	.181	(1)		72	34	52		1	7
57 establishments	1910	276	58.4	.178	10.33		118	53	72	14	4	17
	1911	303	58.5	.178	10.32		122	55	81	25	4	16
85 establishments	1911	455	58.5	.194	11.26		149	144	106	25	6	25
	1912	447	57.4	.215	12.28	140	17	153	131		1	5
85 establishments	1912	449	57.4	.216	12.34	140	17	153	133		1	5
	1913	472	57.6	.212	12.12	132	15	154	166		2	3
87 establishments	1913	485	57.5	.212	12.09	144	15	154	167		2	3
	1914	528	56.8	.211	11.81	176	118	29	204		1	

¹ Not computed.² Including 1 employee whose full-time hours per week were under 54.³ Including 2 employees whose full-time hours per week were under 54.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
<i>Spinners, frame, male.</i>												
25 establishments.....	1907	184	59.4	\$0.124	(1)	.....	.....	122	22	26	.....	14
	1908	214	58.8	.119	(1)	.....	.....	136	74	.....	1	3
	1909	188	58.9	.117	(1)	.....	.....	135	41	.....	1	11
	1910	188	57.2	.119	(1)	.....	109	47	31	.....	.....	1
36 establishments.....	1910	261	57.2	.120	\$6.83	.....	160	53	44	.....	3	1
	1911	420	57.0	.125	7.08	.....	291	81	39	.....	.....	9
46 establishments.....	1911	700	57.2	.126	7.18	.....	402	228	52	.....	.....	18
	1912	679	56.2	.148	8.30	353	.....	269	44	.....	.....	13
49 establishments.....	1912	564	56.7	.144	8.14	237	.....	269	45	.....	.....	13
	1913	530	56.9	.143	8.07	204	17	186	118	.....	.....	5
31 establishments.....	1913	503	56.8	.145	8.19	208	8	186	96	.....	.....	5
	1914	458	55.2	.152	8.37	* 211	170	17	60	.....	.....	.....
<i>Spinners, frame, female.</i>												
36 establishments.....	1907	2,317	61.0	.110	(1)	.....	.....	1,000	305	327	113	572
	1908	2,114	59.9	.107	(1)	.....	.....	896	923	17	61	217
	1909	2,408	59.8	.106	(1)	.....	.....	1,107	951	.....	84	266
	1910	2,500	58.5	.112	(1)	.....	1,020	442	784	.....	98	156
59 establishments.....	1910	3,704	59.0	.108	6.33	.....	1,313	621	1,087	140	186	357
	1911	3,735	59.1	.111	6.48	.....	1,285	646	1,053	181	181	389
88 establishments.....	1911	5,981	59.1	.111	6.51	.....	1,590	1,639	1,811	181	209	551
	1912	6,214	58.0	.123	7.11	1,572	192	1,667	2,566	.....	23	194
88 establishments.....	1912	6,364	58.0	.124	6.98	1,688	192	1,667	2,600	.....	23	194
	1913	6,561	57.9	.127	7.29	1,739	193	1,742	2,763	.....	19	105
90 establishments.....	1913	6,762	57.8	.128	7.33	1,925	198	1,742	2,778	.....	19	105
	1914	6,906	56.9	.132	7.45	* 2,282	1,885	349	2,874	.....	16	.....
<i>Spinners, mule, male.</i>												
11 establishments.....	1907	199	58.6	.234	(1)	.....	.....	138	61	.....	.....	.....
	1908	193	58.4	.225	(1)	.....	.....	158	35	.....	.....	.....
	1909	156	58.5	.221	(1)	.....	.....	118	38	.....	.....	.....
	1910	131	56.8	.218	(1)	.....	89	33	9	.....	.....	.....
14 establishments.....	1910	222	57.0	.219	12.50	.....	117	96	9	.....	.....	.....
	1911	207	57.0	.225	12.82	.....	110	88	9	.....	.....	.....
16 establishments.....	1911	288	56.8	.255	14.44	.....	179	100	9	.....	.....	.....
	1912	266	55.7	.279	15.48	118	64	84	.....	.....	.....	.....
	1913	258	55.6	.281	15.58	122	60	76	.....	.....	.....	.....
14 establishments.....	1913	234	55.6	.286	15.82	122	36	76	.....	.....	.....	.....
	1914	245	54.9	.291	15.95	165	37	43	.....	.....	.....	.....
<i>Trimmers or inspectors, female.</i>												
30 establishments.....	1907	251	60.4	.102	(1)	.....	.....	102	70	40	.....	39
	1908	261	60.0	.101	(1)	.....	.....	103	120	.....	7	31
	1909	285	59.6	.099	(1)	.....	.....	115	147	.....	6	17
	1910	297	58.1	.101	(1)	.....	127	76	73	.....	9	12

¹ Not computed.² Including 4 employees whose full-time hours per week were under 54.³ Including 23 employees whose full-time hours per week were under 54.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
<i>Trimmers or inspectors, female—Concluded.</i>												
46 establishments.....	1910	408	58.3	\$0.099	\$5.78	.....	161	100	109	4	12	22
	1911	474	58.7	.102	5.94	.....	167	119	128	9	14	37
75 establishments.....	1911	712	58.7	.103	6.02	.....	226	202	205	9	19	51
	1912	703	58.0	.112	6.45	204	22	194	266	.....	.....	17
77 establishments.....	1912	708	57.7	.112	6.41	204	22	194	271	.....	.....	17
	1913	687	57.9	.111	6.39	185	31	176	270	.....	5	20
74 establishments.....	1913	698	57.8	.112	6.41	196	30	181	266	.....	5	20
	1914	720	57.2	.113	6.41	239	77	101	303	.....	.....	.....
<i>Weavers, male.</i>												
36 establishments.....	1907	2,769	60.3	.161	(1)	.....	.....	1,397	502	321	76	473
	1908	2,848	59.6	.160	(1)	.....	.....	1,424	1,006	115	81	222
	1909	3,123	59.8	.151	(1)	.....	.....	1,497	1,156	.....	147	323
	1910	3,037	58.3	.154	(1)	.....	1,489	337	925	.....	119	167
58 establishments.....	1910	5,334	58.8	.151	8.83	.....	2,190	703	1,440	299	272	430
	1911	5,012	58.8	.155	9.07	.....	2,069	670	1,225	434	236	378
88 establishments.....	1911	8,855	58.6	.156	9.08	.....	3,129	2,366	2,195	434	244	487
	1912	9,751	57.5	.169	9.67	2,937	766	2,322	3,590	.....	2	134
88 establishments.....	1912	9,775	57.5	.169	9.67	2,937	766	2,322	3,614	.....	2	134
	1913	9,316	57.7	.169	9.71	2,539	607	2,200	3,889	.....	3	78
89 establishments.....	1913	9,485	57.6	.170	9.73	2,708	607	2,200	3,889	.....	3	78
	1914	9,755	56.8	.176	9.93	3,372	1,965	436	3,974	.....	8	.....
<i>Weavers, female.</i>												
36 establishments.....	1907	3,724	59.5	.151	(1)	.....	.....	2,267	809	172	185	291
	1908	3,903	59.0	.152	(1)	.....	.....	2,473	1,197	31	29	173
	1909	3,930	59.1	.144	(1)	.....	.....	2,363	1,345	.....	34	188
	1910	3,905	57.6	.151	(1)	.....	2,065	1,052	625	.....	37	126
59 establishments.....	1910	6,334	57.8	.147	8.47	.....	3,210	1,676	849	189	130	280
	1911	6,242	57.8	.144	8.31	.....	3,198	1,590	830	236	120	268
88 establishments.....	1911	10,792	57.9	.148	8.54	.....	4,216	4,442	1,422	236	149	327
	1912	10,980	56.9	.163	9.26	3,890	626	4,464	1,890	.....	24	86
88 establishments.....	1912	10,998	56.9	.163	9.26	3,890	626	4,464	1,908	.....	24	86
	1913	11,105	56.8	.164	9.29	4,206	571	4,355	1,877	.....	34	62
89 establishments.....	1913	11,236	56.7	.164	9.30	4,340	571	4,355	1,874	.....	34	62
	1914	11,188	55.8	.167	9.30	4,792	3,286	736	2,337	.....	37	.....

PER CENT.

<i>Card strippers, male.</i>												
36 establishments.....	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
36 establishments.....	1907	284	59.8	\$0.131	(1)	.....	.....	58	19	8	1	13
	1908	289	59.3	.124	(1)	.....	.....	64	24	.....	3	8
	1909	287	59.3	.121	(1)	.....	.....	61	29	.....	3	7
	1910	818	57.8	.124	(1)	.....	52	25	16	.....	3	4

¹ Not computed.

² Including 9 employees whose full-time hours per week were under 54.

³ Including 12 employees whose full-time hours per week were under 54.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
<i>Card strippers, male—Concluded.</i>												
59 establishments	1910	523	58.4	\$0.120	\$6.95	.....	48	23	13	2	4	10
	1911	515	58.3	.122	7.08	.....	49	24	12	2	4	9
88 establishments	1911	786	58.3	.121	7.02	.....	40	32	16	2	3	7
	1912	800	57.1	.134	7.62	36	5	31	27	.....	(¹)	1
88 establishments	1912	804	57.1	.134	7.62	35	5	31	28	.....	(¹)	1
	1913	845	57.2	.138	7.83	34	4	34	27	.....	(¹)	1
90 establishments	1913	871	57.1	.139	7.89	36	4	33	27	.....	(¹)	1
	1914	904	56.3	.144	8.06	38	26	7	29	.....	(¹)	.....
<i>Drawing tenders, male.</i>												
34 establishments	1907	219	60.4	.100	(¹)	.....	.....	51	12	19	(¹)	17
	1908	234	59.7	.098	(¹)	.....	.....	47	40	.....	4	9
	1909	253	59.7	.099	(¹)	.....	.....	51	35	.....	5	9
	1910	253	58.5	.098	(¹)	.....	45	13	31	.....	4	7
56 establishments	1910	436	59.5	.096	5.70	.....	33	12	25	14	4	11
	1911	457	59.7	.097	5.78	.....	32	10	26	14	5	13
84 establishments	1911	750	59.5	.097	5.73	.....	28	17	31	8	4	11
	1912	723	57.9	.108	6.22	27	5	17	48	.....	1	2
82 establishments	1912	727	57.9	.108	6.20	27	5	17	48	.....	1	2
	1913	624	58.0	.109	6.31	26	6	12	55	.....	1	(¹)
76 establishments	1913	572	58.4	.109	6.32	20	5	13	60	.....	1	1
	1914	660	57.9	.116	6.66	28	6	5	60	.....	1	.....
<i>Drawing tenders, female.</i>												
19 establishments	1907	234	60.2	.093	(¹)	.....	.....	50	27	.....	7	16
	1908	232	59.3	.093	(¹)	.....	.....	56	37	.....	.....	7
	1909	249	59.4	.091	(¹)	.....	.....	51	42	.....	.....	6
	1910	233	58.1	.089	(¹)	.....	29	47	21	.....	.....	3
27 establishments	1910	359	58.2	.090	5.20	.....	38	39	16	.....	.....	8
	1911	344	57.7	.094	5.41	.....	42	42	11	.....	.....	5
45 establishments	1911	502	57.8	.095	5.46	.....	34	51	11	.....	.....	4
	1912	525	57.0	.110	6.23	36	2	44	16	.....	.....	2
	1913	594	56.8	.114	6.48	37	2	45	16	.....	.....	.....
32 establishments	1913	594	56.7	.115	6.50	40	2	45	14	.....	.....	.....
	1914	574	55.5	.118	6.51	43	32	11	14	.....	.....	.....
<i>Fine speeders, male.</i>												
16 establishments	1907	201	63.9	.116	(¹)	.....	.....	.....	.....	48	5	47
	1908	224	61.1	.123	(¹)	.....	.....	.....	76	.....	11	13
	1909	258	61.2	.129	(¹)	.....	.....	.....	76	.....	9	15
	1910	249	61.0	.131	(¹)	.....	.....	.....	77	.....	12	11
32 establishments	1910	426	61.4	.131	8.03	.....	.....	.....	64	10	12	14
	1911	396	61.4	.135	8.29	.....	.....	.....	61	16	9	14
62 establishments	1911	623	61.2	.135	8.24	.....	(¹)	3	76	.....	7	14
	1912	666	59.7	.142	8.47	8	.....	2	87	.....	.....	3
61 establishments	1912	680	59.7	.143	8.52	7	.....	2	88	.....	.....	8
	1913	745	59.8	.145	8.72	5	.....	1	93	.....	.....	1
55 establishments	1913	742	59.7	.145	8.64	6	.....	(¹)	93	.....	.....	1
	1914	778	59.7	.151	9.04	4	(¹)	.....	95	.....	.....	.....

¹ Not computed.² Less than 1 per cent.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.	
<i>Fine speeders, female.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	
35 establishments.....	1907	721	59.3	\$0.139	(¹)	.....	.....	64	21	4	3	7	
	1908	694	59.1	.138	(¹)	.....	.....	63	30	.....	1	6	
	1909	714	59.1	.135	(¹)	.....	.....	63	31	.....	(²)	6	
	1910	800	57.6	.134	(¹)	.....	55	23	18	.....	(²)	4	
57 establishments.....	1910	1,175	57.8	.133	\$7.68	.....	51	27	14	2	1	5	
	1911	1,189	57.9	.135	7.80	.....	50	26	14	3	1	6	
82 establishments.....	1911	1,753	57.9	.136	7.86	.....	46	31	15	2	1	5	
	1912	1,784	56.6	.149	8.42	44	6	30	18	.....	(²)	2	
80 establishments.....	1912	1,791	56.7	.148	8.38	44	7	28	19	.....	(²)	2	
	1913	1,855	56.7	.151	8.55	43	5	32	18	.....	(²)	1	
79 establishments.....	1913	1,946	56.5	.153	8.61	46	5	31	18	.....	(²)	1	
	1914	2,001	55.8	.155	8.61	50	19	10	21	.....	(²)	.....	
<i>Loom fixers, male.</i>													
33 establishments.....	1907	631	60.8	.207	(¹)	.....	.....	44	17	15	3	21	
	1908	619	59.7	.202	(¹)	.....	.....	45	44	.....	2	9	
	1909	680	59.8	.197	(¹)	.....	.....	45	42	.....	3	10	
	1910	728	58.3	.202	(¹)	.....	44	18	28	.....	2	7	
59 establishments.....	1910	1,267	58.7	.200	11.64	.....	42	18	23	4	4	9	
	1911	1,814	58.6	.203	11.81	.....	44	17	23	5	4	9	
83 establishments.....	1911	2,200	58.6	.203	11.80	.....	33	30	25	3	2	7	
	1912	2,273	57.7	.224	12.91	25	8	31	34	.....	(²)	2	
88 establishments.....	1912	2,290	57.7	.224	12.84	25	8	31	34	.....	(²)	2	
	1913	2,321	57.6	.226	12.93	26	8	30	35	.....	(²)	2	
90 establishments.....	1913	2,370	57.6	.227	12.96	27	8	29	34	.....	(²)	2	
	1914	2,491	56.8	.233	13.09	33	24	6	36	.....	(²)	1	
<i>Slashers, male.</i>													
35 establishments.....	1907	159	60.3	.183	(¹)	.....	.....	48	18	16	4	13	
	1908	158	59.6	.183	(¹)	.....	.....	47	44	.....	1	8	
	1909	167	59.4	.180	(¹)	.....	.....	49	44	.....	1	7	
	1910	166	58.1	.181	(¹)	.....	43	20	31	.....	1	4	
57 establishments.....	1910	276	58.4	.178	10.33	.....	42	19	26	5	1	6	
	1911	303	58.5	.178	10.32	.....	40	18	27	8	1	5	
85 establishments.....	1911	455	58.5	.194	11.26	.....	33	32	23	5	1	5	
	1912	447	57.4	.215	12.28	31	4	34	29	.....	(²)	1	
85 establishments.....	1912	449	57.4	.216	12.34	31	4	34	30	.....	(²)	1	
	1913	472	57.6	.212	12.12	28	3	33	35	.....	(²)	1	
87 establishments.....	1913	485	57.5	.212	12.09	30	3	32	34	.....	(²)	1	
	1914	528	56.8	.211	11.81	33	22	5	39	.....	(²)	.....	
<i>Spinners, frame, male.</i>													
25 establishments.....	1907	184	59.4	.124	(¹)	.....	.....	66	12	14	.....	8	
	1908	214	58.8	.119	(¹)	.....	.....	64	35	.....	(²)	1	
	1909	188	58.9	.117	(¹)	.....	.....	72	22	.....	(²)	6	
	1910	188	57.2	.119	(¹)	.....	58	25	16	.....	.....	1	
36 establishments.....	1910	261	57.2	.120	6.83	.....	61	20	17	.....	1	(²)	
	1911	420	57.0	.125	7.08	.....	69	19	9	.....	.....	2	

¹ Not computed.² Less than 1 per cent.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

MANUFACTURING—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full time-hours per week were—					
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
<i>Spinners, frame, male—Con.</i>											
46 establishments.....	1911	700	57.2	\$0.126	\$7.18	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
	1912	679	56.2	.148	8.30	52	57	33	7		3
49 establishments.....	1912	564	56.7	.144	8.14	42		48	8		2
	1913	530	56.9	.143	8.07	38	3	35	22		1
31 establishments.....	1913	503	56.8	.145	8.19	41	2	37	19		1
	1914	458	55.2	.152	8.37	46	37	4	13		
<i>Spinners, frame, female.</i>											
36 establishments.....	1907	2,317	61.0	.110	(¹)			43	13	14	5
	1908	2,114	59.9	.107	(¹)			42	44	1	3
	1909	2,408	59.8	.106	(¹)			46	39		2
	1910	2,500	58.5	.112	(¹)		41	18	31		4
59 establishments.....	1910	3,704	59.0	.108	6.33		35	17	29	4	5
	1911	3,735	59.1	.111	6.45		34	17	28	5	5
83 establishments.....	1911	5,981	59.1	.111	6.51		27	27	30	3	4
	1912	6,214	58.0	.123	7.11	25	3	27	41		(²)
83 establishments.....	1912	6,364	58.0	.124	6.98	27	3	26	41		(²)
	1913	6,561	57.9	.127	7.29	27	3	27	42		(²)
90 establishments.....	1913	6,762	57.8	.128	7.33	28	3	26	41		(²)
	1914	6,906	56.9	.132	7.45	33	20	5	42		(²)
<i>Spinners, mule, male.</i>											
11 establishments.....	1907	199	58.6	.234	(¹)			69	31		
	1908	193	58.4	.225	(¹)			82	18		
	1909	156	58.5	.221	(¹)			76	24		
	1910	131	56.8	.218	(¹)		68	25	7		
14 establishments.....	1910	222	57.0	.219	12.50		53	43	4		
	1911	207	57.0	.225	12.82		53	43	4		
16 establishments.....	1911	288	56.8	.255	14.44		62	35	3		
	1912	266	55.7	.279	15.48	44	24	32			
	1913	258	55.6	.281	15.58	47	23	29			
14 establishments.....	1913	234	55.6	.286	15.82	52	15	32			
	1914	245	54.9	.291	15.95	67	15	18			
<i>Trimmers or inspectors, female.</i>											
30 establishments.....	1907	251	60.4	.102	(¹)			41	28	16	
	1908	261	60.0	.101	(¹)			39	46		3
	1909	285	59.6	.099	(¹)			40	52		2
	1910	297	58.1	.101	(¹)		43	26	25		3
46 establishments.....	1910	408	58.3	.099	5.78		39	25	27	1	3
	1911	474	58.7	.102	5.94		35	25	27	2	3
75 establishments.....	1911	712	58.7	.103	6.02		32	28	29	1	3
	1912	703	58.0	.112	6.45	29	3	28	38		
77 establishments.....	1912	708	57.7	.112	6.41	29	3	27	38		
	1913	687	57.9	.111	6.39	27	5	26	39		1
74 establishments.....	1913	698	57.8	.112	6.41	28	4	26	38		1
	1914	720	57.2	.113	6.41	33	11	14	42		

¹ Not computed.² Less than 1 per cent.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Concluded.

MANUFACTURING—Continued.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—							
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.	
<i>Weavers, male.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	
36 establishments.....	1907	2,769	60.3	\$0.161	(¹)	.....	.....	50	18	12	3	17	
	1908	2,848	59.6	.160	(¹)	.....	.....	50	35	4	3	8	
	1909	3,123	59.8	.151	(¹)	.....	.....	48	37	.....	5	10	
	1910	3,037	58.3	.154	(¹)	.....	49	11	30	.....	4	5	
58 establishments.....	1910	5,334	58.8	.151	\$8.83	.....	41	13	27	6	5	8	
	1911	5,012	58.8	.155	9.07	.....	41	13	24	9	5	8	
88 establishments.....	1911	8,855	58.6	.156	9.08	.....	35	27	25	5	3	6	
	1912	9,751	57.5	.169	9.67	30	8	24	37	.....	(²)	1	
88 establishments.....	1912	9,775	57.5	.169	9.67	30	8	24	37	.....	(²)	1	
	1913	9,316	57.7	.169	9.71	27	7	24	42	.....	(²)	1	
89 establishments.....	1913	9,485	57.6	.170	9.73	29	6	23	41	.....	(²)	1	
	1914	9,755	56.8	.176	9.93	35	20	4	41	.....	(²)	.....	
<i>Weavers, female.</i>													
36 establishments.....	1907	3,724	59.5	.151	(¹)	.....	.....	61	22	5	5	8	
	1908	3,903	59.0	.152	(¹)	.....	.....	63	31	1	1	4	
	1909	3,930	59.1	.144	(¹)	.....	.....	60	34	.....	1	5	
	1910	3,905	57.6	.151	(¹)	.....	53	27	16	.....	1	3	
59 establishments.....	1910	6,334	57.8	.147	8.47	.....	51	26	13	3	2	4	
	1911	6,242	57.8	.144	8.31	.....	51	25	13	4	2	4	
88 establishments.....	1911	10,792	57.9	.148	8.54	.....	39	41	13	2	1	3	
	1912	10,980	56.9	.163	9.26	35	6	41	17	.....	(²)	1	
88 establishments.....	1912	10,998	56.9	.163	9.26	35	6	41	17	.....	(²)	1	
	1913	11,105	56.8	.164	9.29	38	5	39	17	.....	(²)	1	
89 establishments.....	1913	11,236	56.7	.164	9.30	39	5	39	17	.....	(²)	1	
	1914	11,188	55.8	.167	9.30	43	29	7	21	.....	(²)	.....	

¹ Not computed.

² Less than 1 per cent.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914.

MANUFACTURING—Continued.

[The figures for both years are for identical establishments.]

CARD STRIPPERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama: 7 establishments.....	1913	21	61.9	\$0.106	\$6.59				14		1	6
	1914	17	60.2	.111	6.71				16		1	
Connecticut: 2 establishments.....	1913	21	58.0	.138	8.03			21				
	1914	17	55.0	.146	8.04		17					
Georgia: 13 establishments.....	1913	68	60.0	.118	7.07				68			
	1914	79	60.0	.128	7.69				79			
Maine: 5 establishments.....	1913	53	58.0	.133	7.72			53				
	1914	60	58.0	.137	7.94			60				
Massachusetts: 18 establishments.....	1913	283	54.0	.149	8.04	283						
	1914	283	54.0	.151	8.17	283						
New Hampshire: 5 establishments.....	1913	207	58.0	.145	8.38			207				
	1914	220	55.1	.156	8.61		214		6			
New York: 2 establishments.....	1913	29	54.0	.183	9.86	29						
	1914	29	54.8	.179	9.83	25			4			
North Carolina: 13 establishments.....	1913	40	60.0	.117	7.05				40			
	1914	47	60.0	.122	7.34				47			
Rhode Island: 3 establishments.....	1913	37	56.0	.149	8.37		37					
	1914	37	54.0	.155	8.38	37						
South Carolina: 21 establishments.....	1913	109	60.0	.116	6.99				109			
	1914	112	60.0	.117	7.00				112			
Other States: 1 establishment.....	1913	3	58.0	.138	8.00			3				
	1914	3	54.0	.143	7.74	3						
Total: 90 establishments.	1913	871	57.1	.139	7.89	312	37	284	231		1	6
	1914	904	56.8	.144	8.06	348	231	60	264		1	

DRAWING TENDERS: Male.

Alabama: 6 establishments.....	1913	30	61.0	\$0.087	\$5.33				23		4	3
	1914	46	60.3	.090	5.41				42		4	
Georgia: 12 establishments.....	1913	86	60.0	.100	6.01				86			
	1914	90	60.0	.106	6.37				90			
Maine: 5 establishments.....	1913	34	58.0	.109	6.31			34				
	1914	36	58.0	.112	6.48			36				
Massachusetts: 12 establishments.....	1913	112	54.0	.135	7.28	112						
	1914	145	54.0	.133	7.18	145						
New Hampshire: 2 establishments.....	1913	28	58.0	.138	7.98			28				
	1914	33	55.0	.148	8.13		33					
North Carolina: 13 establishments.....	1913	85	60.0	.100	6.00				85			
	1914	108	60.0	.119	7.14				108			
Rhode Island: 2 establishments.....	1913	28	56.0	.125	7.00		28					
	1914	25	54.0	.131	7.06	25						
South Carolina: 21 establishments.....	1913	151	60.0	.095	5.72				151			
	1914	155	60.0	.100	5.99				155			
Other States: 3 establishments.....	1913	23	57.1	.118	6.74	5		18				
	1914	22	54.3	.128	6.94	16	6					
Total: 76 establishments.	1913	572	58.4	.109	6.32	117	28	75	345		4	3
	1914	660	57.9	.116	6.66	186	39	36	395		4	

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.

MANUFACTURING—Continued.

DRAWING TENDERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama:												
3 establishments	1913	17	60.0	\$0.081	\$4.86	.....	.....	.....	17	.....	.....	.....
	1914	22	60.0	.065	3.89	.....	.....	.....	22	.....	.....	.....
Georgia:												
7 establishments	1913	62	60.0	.107	6.42	.....	.....	.....	62	.....	.....	.....
	1914	54	60.0	.103	6.17	.....	.....	.....	54	.....	.....	.....
Maine:												
3 establishments	1913	51	58.0	.104	6.04	.....	.....	51	.....	.....	.....	.....
	1914	62	58.0	.108	6.24	.....	.....	62	.....	.....	.....	.....
Massachusetts:												
10 establishments	1913	214	54.0	.117	6.31	214	.....	.....	.....	.....	.....	.....
	1914	209	53.8	.119	6.39	1 209	.....	.....	.....	.....	.....	.....
New Hampshire:												
5 establishments	1913	204	58.0	.121	7.00	.....	.....	204	.....	.....	.....	.....
	1914	175	55.0	.131	7.19	.....	175	.....	.....	.....	.....	.....
Other States:												
4 establishments	1913	46	55.9	.115	6.41	21	11	10	4	.....	.....	.....
	1914	52	54.4	.119	6.47	40	10	.....	2	.....	.....	.....
Total:												
32 establishments.	1913	594	56.7	.115	6.50	235	11	265	83	.....	.....	.....
	1914	574	55.5	.118	6.51	1 249	185	62	78	.....	.....	.....

FINE SPEEDERS: Male.

Alabama:												
5 establishments.....	1913	48	61.4	\$0.132	\$8.11				37			11
	1914	49	60.0	.131	7.87				49			
Georgia:												
12 establishments.....	1913	167	60.0	.142	8.53				167			
	1914	165	60.0	.152	9.14				165			
Massachusetts:												
2 establishments.....	1913	38	54.0	.148	8.00	38						
	1914	31	54.0	.144	7.79	31						
North Carolina:												
13 establishments.....	1913	125	60.0	.145	8.68				125			
	1914	148	60.0	.157	9.40				148			
South Carolina:												
21 establishments.....	1913	358	60.0	.145	8.73				358			
	1914	375	60.0	.150	9.01				375			
Other States:												
2 establishments.....	1913	6	55.3	.249	13.70	4		2				
	1914	10	56.7	.226	12.85	3	3		4			
Total:												
55 establishments	1913	742	59.7	.145	8.64	42		2	687			11
	1914	778	59.7	.151	9.04	34	3		741			

FINE SPEEDERS: Female.

Alabama:												
7 establishments.....	1913	77	61.7	\$0.122	\$7.53				52		6	19
	1914	91	60.2	.120	7.23				85		6	
Connecticut:												
2 establishments.....	1913	39	58.0	.134	7.76			39				
	1914	35	55.0	.147	8.10		35					
Georgia:												
12 establishments.....	1913	130	60.0	.133	7.95				130			
	1914	122	60.0	.136	8.16				122			

¹ Including 5 employees whose full-time hours per week were under 54.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.

MANUFACTURING—Continued.

FINE SPEEDERS: Female—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Maine:												
5 establishments.....	1913	173	58.0	\$0.155	\$0.00			173				
	1914	191	58.0	.154	8.96			191				
Massachusetts:												
18 establishments.....	1913	773	54.0	.158	8.51	773						
	1914	755	54.0	.160	8.63	1 755						
New Hampshire:												
5 establishments.....	1913	364	58.0	.159	9.23		364					
	1914	347	55.0	.167	9.18		347					
New York:												
2 establishments.....	1913	115	54.0	.176	9.51	115						
	1914	119	54.0	.173	9.36	119						
North Carolina:												
8 establishments.....	1913	46	60.0	.124	7.44				46			
	1914	58	60.0	.122	7.32				58			
Rhode Island:												
3 establishments.....	1913	95	56.0	.165	9.26		95					
	1914	108	54.0	.167	9.01	108						
South Carolina:												
16 establishments.....	1913	113	60.0	.128	7.66				113			
	1914	153	60.0	.129	7.74				153			
Other States:												
1 establishment.....	1913	21	58.0	.140	8.15			21				
	1914	22	54.0	.154	8.31	22						
Total:												
79 establishments	1913	1,946	56.5	.153	8.61	883	95	597	341		6	19
	1914	2,001	55.8	.155	8.61	1,004	382	191	418		6	22

LOOM FIXERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama:												
7 establishments.....	1913	137	61.7	\$0.177	\$10.93				97		4	36
	1914	136	60.1	.188	11.31				131		5	
Connecticut:												
2 establishments.....	1913	26	58.0	.244	14.17			26				
	1914	27	55.0	.261	14.35		27					
Georgia:												
13 establishments.....	1913	211	60.0	.183	10.96				211			
	1914	224	60.0	.183	11.01				224			
Maine:												
5 establishments.....	1913	141	58.0	.241	13.96			141				
	1914	151	58.0	.258	14.97			151				
Massachusetts:												
18 establishments.....	1913	595	54.0	.261	14.09	595						
	1914	592	54.0	.264	14.24	592						
New Hampshire:												
5 establishments.....	1913	513	58.0	.249	14.41			513				
	1914	541	55.0	.264	14.54		541					
New York:												
2 establishments.....	1913	48	54.0	.268	14.46	48						
	1914	59	54.3	.266	14.47	56				3		
North Carolina:												
13 establishments.....	1913	131	60.0	.170	10.19				131			
	1914	153	60.0	.169	10.17				153			
Rhode Island:												
3 establishments.....	1913	178	56.0	.266	14.91		178					
	1914	185	54.0	.276	14.92	185						
South Carolina:												
21 establishments.....	1913	378	60.0	.176	10.54				378			
	1914	400	60.4	.176	10.62				378			
Other States:												
1 establishment.....	1913	12	58.0	.195	11.33			12				
	1914	23	55.0	.199	10.95		23					
Total:												
90 establishments	1913	2,370	57.6	.227	12.96	643	178	692	817		4	36
	1914	2,491	56.8	.233	13.09	833	591	151	899		5	22

¹ Including 1 employee whose full-time hours per week were under 54.² Over 66 hours.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.

MANUFACTURING—Continued.

SLASHERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama:												
7 establishments.....	1913	20	61.2	\$0.144	\$8.81				15		2	8
	1914	22	60.1	.141	8.46				21		1	
Georgia:												
13 establishments.....	1913	61	60.0	.146	8.76				61			
	1914	68	60.0	.146	8.75				68			
Maine:												
5 establishments.....	1913	29	58.0	.205	11.91			29				
	1914	29	58.0	.205	11.91			29				
Massachusetts:												
17 establishments.....	1913	130	54.0	.234	12.66	130						
	1914	138	53.9	.240	12.95	138						
New Hampshire:												
5 establishments.....	1913	113	58.0	.286	16.62			113				
	1914	112	55.0	.292	16.07		112					
North Carolina:												
11 establishments.....	1913	34	60.0	.151	9.04				34			
	1914	37	60.0	.149	8.97				37			
South Carolina:												
21 establishments.....	1913	57	60.0	.138	8.26				57			
	1914	77	60.0	.134	8.06				77			
Other States:												
8 establishments.....	1913	41	55.9	.222	12.39	14	15	12				
	1914	45	54.3	.233	12.64	38	6		1			
Total:												
87 establishments.....	1913	485	57.5	.212	12.09	144	15	154	167		2	3
	1914	528	56.8	.211	11.81	176	118	29	204		1	

SPINNERS, FRAME: Male.

Massachusetts:												
10 establishments.....	1913	203	54.0	\$0.153	\$8.24	203						
	1914	193	53.8	.158	8.49	* 193						
New Hampshire:												
5 establishments.....	1913	177	58.0	.152	8.81			177				
	1914	164	55.0	.154	8.48		164					
South Carolina:												
6 establishments.....	1913	85	60.0	.111	6.67				85			
	1914	32	60.0	.104	6.22				32			
Other States:												
10 establishments.....	1913	38	58.7	.145	8.39	5	8	9	11			5
	1914	69	57.5	.152	8.72	18	6	17	28			
Total:												
31 establishments.....	1913	503	56.8	.145	8.19	208	8	186	96			5
	1914	458	55.2	.152	8.37	* 211	170	17	60			

SPINNERS, FRAME: Female.

Alabama:												
7 establishments.....	1913	374	61.8	\$0.097	\$5.98				250		19	105
	1914	370	60.1	.098	5.87				354		16	
Connecticut:												
2 establishments.....	1913	93	58.0	.138	7.99			93				
	1914	88	55.0	.154	8.48		88					
Georgia:												
13 establishments.....	1913	788	60.0	.104	6.21				788			
	1914	787	60.0	.108	6.44				787			
Maine:												
5 establishments.....	1913	368	58.0	.141	8.19			368				
	1914	349	58.0	.142	8.21			349				

¹ Including 2 employees whose full-time hours per week were under 54.² Including 4 employees whose full-time hours per week were under 54.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK; AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.

MANUFACTURING—Continued.

SPINNERS, FRAME: Female—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Massachusetts:												
18 establishments.....	1913	1,714	54.0	\$0.149	\$8.05	1,714						
	1914	1,745	53.9	.150	8.11	1,745						
New Hampshire:												
5 establishments.....	1913	1,208	58.0	.148	8.57			1,208				
	1914	1,297	55.0	.154	8.46		1,297					
New York:												
2 establishments.....	1913	211	54.0	.162	8.72	211						
	1914	228	54.0	.152	8.21	228						
North Carolina:												
13 establishments.....	1913	452	60.0	.101	6.06				452			
	1914	473	60.0	.110	6.63				473			
Rhode Island:												
3 establishments.....	1913	193	56.0	.144	8.06		193					
	1914	228	54.0	.151	8.17	228						
South Carolina:												
21 establishments.....	1913	1,288	60.0	.102	6.14				1,288			
	1914	1,260	60.0	.107	6.39				1,260			
Other States:												
1 establishment.....	1913	73	58.0	.107	6.21			73				
	1914	81	54.0	.118	6.39	81						
Total:												
90 establishments.....	1913	6,762	57.8	.128	7.33	1,925	193	1,742	2,778		19	105
	1914	6,906	56.9	.132	7.45	2,282	1,385	349	2,874		16	

SPINNERS, MULE: Male.

Maine:												
3 establishments.....	1913	40	58.0	\$0.247	\$14.34			40				
	1914	43	58.0	.253	14.66			43				
Massachusetts:												
5 establishments.....	1913	117	54.0	.335	18.10	117						
	1914	119	54.0	.339	18.28	119						
New Hampshire:												
2 establishments.....	1913	21	58.0	.254	14.74			21				
	1914	23	55.0	.258	14.20		23					
Rhode Island:												
2 establishments.....	1913	36	56.0	.235	13.16		36					
	1914	39	54.0	.249	13.46	39						
Other States:												
2 establishments.....	1913	20	57.0	.200	11.36	5		15				
	1914	21	54.7	.218	11.91	7	14					
Total:												
14 establishments.....	1913	234	55.6	.286	15.82	122	36	76				
	1914	245	54.9	.291	15.95	165	37	43				

TRIMMERS OR INSPECTORS: Female.

Alabama:												
6 establishments.....	1913	56	62.4	\$0.100	\$6.23			31			5	20
	1914	56	60.0	.091	5.47			56				
Georgia:												
8 establishments.....	1913	61	60.0	.103	6.15			61				
	1914	72	60.0	.105	6.29			72				
Maine:												
5 establishments.....	1913	85	58.0	.106	6.14			85				
	1914	101	58.0	.106	6.14			101				
Massachusetts:												
18 establishments.....	1913	181	54.0	.128	6.90	181						
	1914	190	54.0	.128	6.91	190						

¹ Including 23 employees whose full-time hours per week were under 54.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.

MANUFACTURING—Continued.

TRIMMERS OR INSPECTORS: Female—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New Hampshire: 5 establishments.....	1913	82	58.0	\$0.140	\$8.13	.....	.....	82	.....	.....	.....	.....
	1914	68	55.0	.149	8.18	.....	68	.....	.....	.....	.....	.....
North Carolina: 6 establishments.....	1913	25	60.0	.096	5.78	.....	.....	.....	25	.....	.....	.....
	1914	26	60.0	.101	6.06	.....	.....	.....	26	.....	.....	.....
Rhode Island: 2 establishments.....	1913	30	56.0	.133	7.46	.....	30	.....	.....	.....	.....	.....
	1914	30	54.0	.155	8.38	30	.....	.....	.....	.....	.....	.....
South Carolina: 19 establishments.....	1913	149	60.0	.084	5.05	.....	.....	.....	149	.....	.....	.....
	1914	149	60.0	.086	5.13	.....	.....	.....	149	.....	.....	.....
Other States: 5 establishments.....	1913	29	55.9	.120	6.71	15	.....	14	.....	.....	.....	.....
	1914	28	54.3	.125	6.82	19	9	.....	.....	.....	.....	.....
Total: 74 establishments..	1913	698	57.8	.112	6.41	196	30	181	266	.....	5	20
	1914	720	57.2	.113	6.41	239	77	101	303	.....	.....	.....

WEAVERS: Male.

Alabama: 7 establishments.....	1913	343	61.4	\$0.144	\$8.80	.....	.....	.....	262	.....	3	78
	1914	399	60.1	.145	8.70	.....	.....	.....	391	.....	8	.....
Connecticut: 2 establishments.....	1913	69	58.0	.187	10.83	.....	.....	69	.....	.....	.....	.....
	1914	84	55.0	.197	10.86	.....	84	.....	.....	.....	.....	.....
Georgia: 13 establishments.....	1913	850	60.0	.145	8.71	.....	.....	.....	850	.....	.....	.....
	1914	842	60.0	.157	9.45	.....	.....	.....	842	.....	.....	.....
Maine: 5 establishments.....	1913	349	58.0	.199	11.54	.....	.....	349	.....	.....	.....	.....
	1914	436	58.0	.197	11.42	.....	.....	436	.....	.....	.....	.....
Massachusetts: 13 establishments.....	1913	2,512	54.0	.182	9.82	2,512	.....	.....	.....	.....	.....	.....
	1914	2,517	54.0	.186	10.04	2,517	.....	.....	.....	.....	.....	.....
New Hampshire: 5 establishments.....	1913	1,762	58.0	.191	11.08	.....	.....	1,762	.....	.....	.....	.....
	1914	1,881	55.0	.196	10.75	.....	1,881	.....	.....	.....	.....	.....
New York: 2 establishments.....	1913	196	54.0	.207	11.17	196	.....	.....	.....	.....	.....	.....
	1914	205	54.8	.208	11.42	177	.....	.....	28	.....	.....	.....
North Carolina: 13 establishments.....	1913	844	60.0	.146	8.76	.....	.....	.....	844	.....	.....	.....
	1914	863	60.0	.156	9.36	.....	.....	.....	863	.....	.....	.....
Rhode Island: 3 establishments.....	1913	607	56.0	.195	10.94	.....	607	.....	.....	.....	.....	.....
	1914	646	54.0	.201	10.88	646	.....	.....	.....	.....	.....	.....
South Carolina: 20 establishments.....	1913	1,933	60.0	.143	8.56	.....	.....	.....	1,933	.....	.....	.....
	1914	1,850	60.0	.147	8.81	.....	.....	.....	1,850	.....	.....	.....
Other States: 1 establishment.....	1913	20	58.0	.150	8.71	.....	.....	20	.....	.....	.....	.....
	1914	32	54.0	.160	8.66	32	.....	.....	.....	.....	.....	.....
Total: 89 establishments..	1913	9,485	57.6	.170	9.73	2,708	607	2,200	3,889	.....	3	78
	1914	9,755	56.8	.176	9.93	3,372	1,965	436	3,974	.....	8	.....

¹ Including 9 employees whose full-time hours per week were under 54.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

MANUFACTURING—Continued.

WEAVERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama: 7 establishments.....	1913	320	61.5	\$0.128	\$7.86	.....	.....	.....	224	.....	34	62
	1914	311	60.4	.131	7.90	.....	.....	.....	274	.....	37	.....
Connecticut: 2 establishments.....	1913	134	58.0	.139	8.07	.....	.....	134	.....	.....	.....	.....
	1914	129	55.0	.144	7.90	.....	129	.....	.....	.....	.....	.....
Georgia: 13 establishments.....	1913	556	60.0	.133	7.95	.....	.....	.....	556	.....	.....	.....
	1914	690	60.0	.140	8.37	.....	.....	.....	690	.....	.....	.....
Maine: 5 establishments.....	1913	782	58.0	.167	9.68	.....	.....	782	.....	.....	.....	.....
	1914	736	58.0	.166	9.63	.....	.....	736	.....	.....	.....	.....
Massachusetts: 18 establishments.....	1913	4,123	54.0	.166	8.98	4,123	.....	.....	.....	.....	.....	.....
	1914	3,889	54.0	.163	9.10	3,889	.....	.....	.....	.....	.....	.....
New Hampshire: 5 establishments.....	1913	3,275	58.0	.180	10.42	.....	.....	3,275	.....	.....	.....	.....
	1914	3,157	55.0	.188	10.36	.....	3,157	.....	.....	.....	.....	.....
New York: 2 establishments.....	1913	217	54.0	.184	9.95	217	.....	.....	.....	.....	.....	.....
	1914	252	54.0	.181	9.76	252	.....	.....	.....	.....	.....	.....
North Carolina: 13 establishments.....	1913	388	60.0	.134	8.04	.....	.....	.....	388	.....	.....	.....
	1914	492	60.0	.138	8.31	.....	.....	.....	492	.....	.....	.....
Rhode Island: 3 establishments.....	1913	571	56.0	.173	9.70	.....	571	.....	.....	.....	.....	.....
	1914	518	54.0	.181	9.75	518	.....	.....	.....	.....	.....	.....
South Carolina: 20 establishments.....	1913	706	60.0	.129	7.77	.....	.....	.....	706	.....	.....	.....
	1914	881	60.0	.130	7.79	.....	.....	.....	881	.....	.....	.....
Other States: 1 establishment.....	1913	164	58.0	.146	8.48	.....	.....	164	.....	.....	.....	.....
	1914	133	54.0	.155	8.35	133	.....	.....	.....	.....	.....	.....
Total: 89 establishments.....	1913	11,236	56.7	.164	9.30	4,340	571	4,355	1,874	.....	34	62
	1914	11,188	55.8	.167	9.30	4,792	3,286	736	2,337	.....	37	.....

¹ Including 12 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

MANUFACTURING—Continued.

CARD STRIPPERS: Male.

State.	Pieceworkers or time- workers.	Number of estab- lish- ments.	Number of em- ployees.	Average full- time hours per week.	Average rate of wages per hour.	Average full- time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama.....	Time..	7	17	60.2	\$0.111	\$6.71				16		1	
Connecticut.....	do..	2	17	55.0	.146	8.04		17					
Georgia.....	Piece..	1	2	60.0	.160	9.60				2			
	Time..	13	77	60.0	.127	7.64				77			
	Total..	13	79	60.0	.128	7.69				79			
Maine.....	Time..	5	60	58.0	.137	7.94			60				
Massachusetts.....	do..	18	283	54.0	.151	8.17	283						
New Hampshire.....	do..	5	220	55.1	.156	8.61		214		6			
New York.....	Piece..	1	25	55.0	.180	9.88	21			4			
	Time..	1	4	54.0	.176	9.50	4						
	Total..	2	29	54.8	.179	9.83	25			4			
North Carolina...	Piece..	1	2	60.0	.127	7.62				2			
	Time..	13	45	60.0	.122	7.33				45			
	Total..	13	47	60.0	.122	7.34				47			
Rhode Island.....	Time..	3	37	54.0	.155	8.38	37						
South Carolina...	Piece..	1	3	60.0	.096	5.78				3			
	Time..	20	109	60.0	.117	7.04				109			
	Total..	21	112	60.0	.117	7.00				112			
Other States.....	Time..	1	3	54.0	.143	7.74	3						
All States.....	Piece..	4	32	56.1	.167	9.34	21			11			
	Time..	88	872	56.3	.143	8.02	327	231	60	253		1	
	Total..	90	904	56.3	.144	8.06	348	231	60	264		1	

DRAWING TENDERS: Male.

Alabama.....	Piece..	1	4	60.0	\$0.088	\$5.28				4			
	Time..	5	42	60.3	.090	5.42				38		4	
	Total..	6	46	60.3	.090	5.41				42		4	
Georgia.....	Piece..	1	5	60.0	.092	5.56				5			
	Time..	11	85	60.0	.107	6.44				85			
	Total..	12	90	60.0	.106	6.37				90			
Maine.....	Time..	5	36	58.0	.112	6.48			36				
Massachusetts.....	do..	12	145	54.0	.133	7.18	145						
New Hampshire...	Piece..	1	12	55.0	.156	8.60		12					
	Time..	2	21	55.0	.143	7.87		21					
	Total..	2	33	55.0	.148	8.13		33					
North Carolina...	Piece..	2	30	60.0	.140	8.42				30			
	Time..	12	78	60.0	.111	6.65				78			
	Total..	13	108	60.0	.119	7.14				108			
Rhode Island.....	Time..	2	25	54.0	.131	7.06	25						

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.**DRAWING TENDERS; Male—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
South Carolina...	Piece..	2	16	60.0	\$0.093	\$5.58	.....	.....	.....	16	.....	.....	.....
	Time..	20	139	60.0	.101	6.04	.....	.....	.....	139	.....	.....	.....
	Total..	21	155	60.0	.100	5.99	.....	.....	.....	155	.....	.....	.....
Other States.....	Time..	3	22	54.3	.128	6.94	16	6	.....	.....	.....	.....	.....
All States.....	Piece..	7	67	59.1	.125	7.37	.....	12	.....	55	.....	.....	.....
	Time..	72	593	57.8	.115	6.58	186	27	36	340	.....	4	.....
	Total..	76	660	57.9	.116	6.66	186	39	36	395	.....	4	.....

DRAWING TENDERS: Female.

Alabama.....	Time..	3	22	60.0	\$0.065	\$3.89	.....	.....	.....	22	.....	.....	.....
Georgia.....	Piece..	1	10	60.0	.090	5.38	.....	.....	.....	10	.....	.....	.....
	Time..	6	44	60.0	.106	6.35	.....	.....	.....	44	.....	.....	.....
	Total..	7	54	60.0	.103	6.17	.....	.....	.....	54	.....	.....	.....
Maine.....	Time..	3	62	58.0	.108	6.24	.....	.....	62	.....	.....	.....	.....
Massachusetts.....	do....	10	209	53.8	.119	6.39	1 209	.....	.....	.....	.....	.....	.....
New Hampshire..	Piece..	1	49	55.0	.156	8.56	.....	49	.....	.....	.....	.....	.....
	Time..	5	126	55.0	.121	6.66	.....	126	.....	.....	.....	.....	.....
	Total..	5	175	55.0	.131	7.19	.....	175	.....	.....	.....	.....	.....
Other States.....	Time..	4	52	54.4	.119	6.47	40	10	.....	2	.....	.....	.....
All States.....	Piece..	2	59	55.8	.145	8.02	.....	49	.....	10	.....	.....	.....
	Time..	31	515	55.5	.115	6.34	1 249	136	62	68	.....	.....	.....
	Total..	32	574	55.5	.118	6.51	1 249	185	62	78	.....	.....	.....

FINE SPEEDERS: Male.

Alabama.....	Piece..	5	49	60.0	\$0.131	\$7.87	.....	.....	.....	29	.....	.....	.....
Georgia.....	Piece..	12	163	60.0	.153	9.15	.....	.....	.....	163	.....	.....	.....
	Time..	1	2	60.0	.140	8.40	.....	.....	.....	2	.....	.....	.....
	Total..	12	165	60.0	.152	9.14	.....	.....	.....	165	.....	.....	.....
Massachusetts....	Piece..	1	1	54.0	.136	7.34	.....	.....	.....	.....	.....	.....	.....
	Time..	1	30	54.0	.145	7.80	.....	30	.....	.....	.....	.....	.....
	Total..	2	31	54.0	.144	7.79	.....	31	.....	.....	.....	.....	.....
North Carolina....	Piece..	11	134	60.9	.160	9.60	.....	.....	.....	134	.....	.....	.....
	Time..	2	14	60.0	.125	7.50	.....	.....	.....	14	.....	.....	.....
	Total..	13	148	60.0	.157	9.40	.....	.....	.....	148	.....	.....	.....
South Carolina....	Piece..	21	375	60.0	.150	9.01	.....	.....	.....	375	.....	.....	.....
Other States.....	do....	2	10	56.7	.226	12.85	.....	3	.....	4	.....	.....	.....
All States.....	Piece..	52	732	59.9	.152	9.06	.....	4	3	725	.....	.....	.....
	Time..	4	46	56.1	.138	7.73	.....	30	.....	16	.....	.....	.....
	Total..	55	778	59.7	.151	9.04	.....	34	3	741	.....	.....	.....

¹ Including 5 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.

FINE SPEEDERS: Female.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama.....	Piece..	7	39	60.2	\$0.120	\$7.25				83		6	
	Time..	1	2	60.0	.100	6.00				2			
	Total..	7	91	60.2	.120	7.23				85		6	
Connecticut.....	Piece..	2	35	55.0	.147	8.10		35					
Georgia.....	Piece..	12	117	60.0	.137	8.20				117			
	Time..	2	5	60.0	.120	7.20				5			
	Total..	12	122	60.0	.136	8.16				122			
Maine.....	Piece..	5	186	58.0	.156	9.05			186				
	Time..	1	5	58.0	.093	5.39			5				
	Total..	5	191	58.0	.154	8.96			191				
Massachusetts....	Piece..	18	729	54.0	.161	8.68	729						
	Time..	3	26	53.7	.139	7.45	126						
	Total..	18	755	54.0	.160	8.63	1755						
New Hampshire..	Piece..	5	347	55.0	.167	9.18		347					
New York.....	do	2	119	54.0	.173	9.36	119						
North Carolina...	Piece..	7	55	60.0	.122	7.31				55			
	Time..	1	3	60.0	.125	7.50				3			
	Total..	8	58	60.0	.122	7.32				58			
Rhode Island....	Piece..	3	108	54.0	.167	9.01	108						
South Carolina..	do	16	153	60.0	.129	7.74				153			
Other States.....	do	1	22	54.0	.154	8.31	22						
All States.....	Piece..	78	1,960	55.9	.155	8.64	978	382	186	408		6	
	Time..	8	41	55.7	.128	7.10	126		5	16			
	Total..	79	2,001	55.8	.155	8.61	1,004	382	191	418		6	

LOOM FIXERS: Male.

Alabama.....	Piece..	1	21	60.0	\$0.183	\$10.95				21			
	Time..	7	115	60.1	.186	11.37				110		5	
	Total..	7	136	60.1	.188	11.31				131		5	
Connecticut.....	Piece..	2	27	55.0	.261	14.35		27					
Georgia.....	Piece..	1	30	60.0	.199	11.35				30			
	Time..	13	194	60.0	.183	10.93				194			
	Total..	13	224	60.0	.183	11.01				224			
Maine.....	Time..	5	151	58.0	.258	14.97			151				
Massachusetts....	Piece..	1	7	54.0	.281	15.19		7					
	Time..	18	585	54.0	.264	14.23	585						
	Total..	18	592	54.0	.264	14.24	592						
New Hampshire..	Piece..	1	51	55.0	.286	15.71		51					
	Time..	5	490	55.0	.262	14.42		490					
	Total..	5	541	55.0	.264	14.54		541					

¹ Including 1 employee whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.**LOOM FIXERS: Male—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New York.....	Piece..	1	49	54.4	\$0.272	\$14.82	46	.....	.....	3	.....	.....
	Time..	1	10	54.0	.238	12.75	10	.....	.....	.....	.....	.....
	Total..	2	59	54.3	.266	14.47	56	.....	.....	3	.....	.....
North Carolina...	Time..	13	153	60.0	.169	10.17	.....	.....	.....	153	.....	.....
Rhode Island.....	do ..	3	185	54.0	.276	14.92	185	.....	.....	.....	.....	.....
South Carolina...	do ..	21	400	60.4	.176	10.62	.....	.....	.....	378	.....	22
Other States.....	do ..	1	23	55.0	.199	10.95	.....	23	.....	.....	.....	.....
All States.....	Piece..	5	158	56.4	.249	13.95	53	51	.....	54	.....	.....
	Time..	89	2,333	56.8	.232	13.04	780	540	151	835	.....	5
	Total..	90	2,491	56.8	.233	13.09	833	591	151	889	.....	5

SLASHERS: Male.

Alabama.....	Time..	7	22	60.1	\$0.141	\$8.46	.....	.....	.....	21	.....	1	.....
Georgia.....	do ..	13	68	60.0	.146	8.75	.....	.....	.....	68	.....	.....	.....
Maine.....	do ..	5	29	58.0	.205	11.91	.....	.....	29	.....	.....	.....	.....
Massachusetts...	Piece..	2	9	54.0	.308	16.61	9	.....	.....	.....	.....	.....	.....
	Time..	17	129	53.9	.235	12.61	129	.....	.....	.....	.....	.....	.....
	Total..	17	133	53.9	.240	12.95	138	.....	.....	.....	.....	.....	.....
New Hampshire...	Piece..	1	75	55.0	.324	17.34	.....	75	.....	.....	.....	.....	.....
	Time..	4	37	55.0	.227	12.50	.....	37	.....	.....	.....	.....	.....
	Total..	5	112	55.0	.292	16.07	.....	112	.....	.....	.....	.....	.....
North Carolina...	Time..	11	37	60.0	.149	8.97	.....	.....	.....	37	.....	.....	.....
South Carolina...	do ..	21	77	60.0	.134	8.06	.....	.....	.....	77	.....	.....	.....
Other States.....	do ..	8	45	54.3	.233	12.64	38	6	.....	1	.....	.....	.....
All States.....	Piece..	3	84	54.9	.323	17.71	9	75	.....	.....	.....	.....	.....
	Time..	86	444	57.1	.189	10.69	167	43	29	204	.....	1	.....
	Total..	87	528	56.8	.211	11.81	176	118	29	204	.....	1	.....

SPINNERS, FRAME: Male.

Massachusetts....	Piece..	1	9	54.0	\$0.198	\$10.68	9	.....	.....	.....	.....	.....	.....
	Time..	10	184	53.8	.156	8.39	184	.....	.....	.....	.....	.....	.....
	Total..	10	193	53.8	.158	8.49	193	.....	.....	.....	.....	.....	.....
New Hampshire...	Piece..	4	135	55.0	.156	8.57	.....	135	.....	.....	.....	.....	.....
	Time..	3	29	55.0	.147	8.09	.....	29	.....	.....	.....	.....	.....
	Total..	5	164	55.0	.154	8.48	.....	164	.....	.....	.....	.....	.....
South Carolina...	Time..	6	32	60.0	.104	6.22	.....	.....	.....	32	.....	.....	.....
Other States.....	Piece..	3	11	57.3	.133	7.51	5	.....	.....	.....	.....	.....	.....
	Time..	8	58	57.6	.156	8.86	13	6	17	22	.....	.....	.....
	Total..	10	69	57.5	.152	8.72	18	6	17	28	.....	.....	.....
All States.....	Piece..	8	155	55.1	.157	8.61	14	135	.....	6	.....	.....	.....
	Time..	27	303	55.3	.149	8.24	197	35	17	54	.....	.....	.....
	Total..	31	458	55.2	.152	8.37	211	170	17	60	.....	.....	.....

¹ Including 2 employees whose full-time hours per week were under 54.

² Including 4 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.

SPINNERS, FRAME: Female.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama.....	Piece..	2	146	60.0	\$0.098	\$5.88				146			
	Time..	5	224	60.2	.097	5.86				208		16	
	Total.	7	370	60.1	.098	5.87				354		16	
Connecticut.....	Time..	2	88	55.0	.154	8.48		88					
Georgia.....	Piece..	1	132	60.0	.112	6.72				132			
	Time..	12	655	60.0	.107	6.40				655			
	Total.	13	787	60.0	.108	6.44				787			
Maine.....	Piece..	1	24	58.0	.135	7.86				24			
	Time..	4	325	58.0	.142	8.24				325			
	Total.	5	349	58.0	.142	8.21				349			
Massachusetts....	Piece..	1	40	54.0	.164	8.89	40						
	Time..	18	1,705	53.9	.150	8.09	1,705						
	Total.	19	1,745	53.9	.150	8.11	1,745						
New Hampshire..	Piece..	4	936	55.0	.156	8.57		936					
	Time..	3	361	55.0	.149	8.18		361					
	Total.	5	1,297	55.0	.154	8.46		1,297					
New York.....	Piece..	1	24	54.0	.170	9.16	24						
	Time..	2	204	54.0	.150	8.10	204						
	Total.	2	228	54.0	.152	8.21	228						
North Carolina...	Time..	13	473	60.0	.110	6.63				473			
Rhode Island.....	do ..	3	228	54.0	.151	8.17	228						
South Carolina....	do ..	21	1,260	60.0	.107	6.39				1,260			
Other States.....	do ..	1	81	54.0	.118	6.39	81						
All States.....	Piece..	10	1,302	56.1	.145	8.09	64	936	24	278			
	Time..	84	5,604	57.1	.129	7.30	2,218	449	325	2,596		16	
	Total.	90	6,906	56.9	.132	7.45	2,282	1,385	349	2,874		16	

SPINNERS, MULE: Male.

Maine.....	Piece..	3	43	58.0	\$0.253	\$14.66			43				
Massachusetts....	do ..	5	119	54.0	.339	18.28	119						
New Hampshire..	Piece..	2	21	55.0	.264	14.52		21					
	Time..	1	2	55.0	.197	10.84		2					
	Total.	2	23	55.0	.258	14.20		23					
Rhode Island.....	Piece..	2	39	54.0	.249	13.46	39						
Other States.....	do ..	2	21	54.7	.218	11.91	7	14					
All States.....	Piece..	14	243	54.9	.292	15.99	165	35	43				
	Time..	1	2	55.0	.197	10.84		2					
	Total.	14	245	54.9	.291	15.95	165	37	43				

¹ Including 23 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.

TRIMMERS OR INSPECTORS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
Alabama.....	Time..	6	56	60.0	\$0.091	\$5.47				56			
Georgia.....	Piece..	2	19	60.0	.133	8.01				19			
	Time..	8	53	60.0	.095	5.68				53			
	Total.	8	72	60.0	.105	6.29				72			
Maine.....	Time..	5	101	58.0	.106	6.14			101				
Massachusetts....	Piece..	3	25	54.0	.134	7.24	25						
	Time..	15	165	54.0	.127	6.86	165						
	Total.	18	190	54.0	.128	6.91	190						
New Hampshire..	Piece..	2	20	55.0	.160	8.82		20					
	Time..	5	48	55.0	.144	7.92		48					
	Total.	5	68	55.0	.149	8.18		68					
North Carolina...	Time..	6	26	60.0	.101	6.06				26			
Rhode Island.....	Piece..	2	18	54.0	.170	9.19	18						
	Time..	1	12	54.0	.133	7.16	12						
	Total.	2	30	54.0	.155	8.38	30						
South Carolina...	Piece..	1	6	60.0	.095	5.70				6			
	Time..	19	143	60.0	.085	5.11				143			
	Total.	19	149	60.0	.086	5.13				149			
Other States.....	Time..	5	28	54.3	.125	6.82	19	9					
All States.....	Piece..	10	88	55.9	.145	8.06	43	20		25			
	Time..	70	632	57.4	.109	6.18	196	57	101	278			
	Total.	74	720	57.2	.113	6.41	239	77	101	303			

WEAVERS: Male.

Alabama.....	Piece..	7	362	60.0	\$0.148	\$8.90				359		3	
	Time..	4	37	60.4	.112	6.75				32		5	
	Total.	7	399	60.1	.145	8.70				391		8	
Connecticut.....	Piece..	2		55.0	.197	10.86		84					
Georgia.....	Piece..	13	771	60.0	.161	9.67				771			
	Time..	7	71	60.0	.117	7.04				71			
	Total.	13	842	60.0	.157	9.45				842			
Maine.....	Piece..	5	434	58.0	.197	11.43			434				
	Time..	1	2	58.0	.173	10.01			2				
	Total.	5	436	58.0	.197	11.42			436				
Massachusetts....	Piece..	18	2,485	54.0	.186	10.05	2,485						
	Time..	4	32	54.0	.168	9.07	32						
	Total.	18	2,517	54.0	.186	10.04	2,517						

¹ Including 9 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.

WEAVERS: Male—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employes.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New Hampshire..	Piece..	5	1,859	55.0	\$0.196	\$10.79		1,859					
	Time..	4	22	55.0	.132	7.26		22					
	Total.	5	1,881	55.0	.196	10.75		1,881					
New York.....	Piece..	2	205	54.8	.208	11.42	177				28		
North Carolina...	Piece..	13	805	60.0	.157	9.40					805		
	Time..	3	58	60.0	.145	8.72					58		
	Total.	13	863	60.0	.156	9.36					863		
Rhode Island.....	Piece..	3	633	54.0	.202	10.90	633						
	Time..	1	13	54.0	.175	9.45	13						
	Total.	3	646	54.0	.201	10.88	646						
South Carolina...	Piece..	20	1,608	60.6	.152	9.13					1,608		
	Time..	9	242	60.0	.111	6.68					242		
	Total.	20	1,850	60.0	.147	8.81					1,850		
Other States.....	Piece..	1	32	54.0	.160	8.66	32						
All States.....	Piece..	89	9,278	56.7	.178	10.06	3,327	1,943	434	3,571		3	
	Time..	33	477	59.2	.123	7.26	45	22	2	403		5	
	Total.	89	9,755	56.8	.176	9.93	3,372	1,965	436	3,974		8	

WEAVERS: Female.

Alabama.....	Piece..	7	269	60.3	\$0.135	\$8.14	.....	.....	.....	242	.....	27	.....
	Time..	4	42	60.7	.105	6.40	.....	.....	.....	32	.....	10	.....
	Total.	7	311	60.4	.131	7.90	.....	.....	.....	274	.....	37	.....
Connecticut.....	Piece..	2	129	55.0	.144	7.90	.....	129	.....	.....	.....	.....	.....
	Time..	13	628	60.0	.140	8.43	.....	.....	.....	628	.....	.....	.....
	Total.	13	690	60.0	.140	8.37	.....	.....	.....	690	.....	.....	.....
Maine.....	Piece..	5	735	58.0	.166	9.63	.....	.....	735	.....	.....	.....	.....
	Time..	1	1	58.0	.150	8.70	.....	.....	1	.....	.....	.....	.....
	Total.	5	736	58.0	.166	9.63	.....	.....	736	.....	.....	.....	.....
Massachusetts....	Piece..	18	3,867	54.0	.168	9.10	3,867	.....	.....	.....	.....	.....	.....
	Time..	5	22	54.0	.168	9.07	22	.....	.....	.....	.....	.....	.....
	Total.	18	3,889	54.0	.168	9.10	3,889	.....	.....	.....	.....	.....	.....
New Hampshire..	Piece..	5	3,128	55.0	.189	10.40	.....	3,128	.....	.....	.....	.....	.....
	Time..	3	29	55.0	.125	6.86	.....	29	.....	.....	.....	.....	.....
	Total.	5	3,157	55.0	.188	10.36	.....	3,157	.....	.....	.....	.....	.....

¹ Including 9 employees whose full-time hours per week were under 54.

² Including 12 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.**WEAVERS: Female—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New York.....	Piece..	2	252	54.0	\$0.181	\$9.76	252						
North Carolina...	Time..	13	469	60.0	.139	8.32				469			
		3	23	60.0	.132	7.91				23			
	Total.	13	492	60.0	.138	8.31				492			
Rhode Island.....	Piece..	3	493	54.0	.181	9.77	493						
		1	25	54.0	.176	9.48	25						
	Total.	3	518	54.0	.181	9.75	518						
South Carolina...	Piece..	20	722	60.0	.133	7.99				722			
		9	159	60.0	.114	6.85				159			
	Total.	20	881	60.0	.130	7.79				881			
Other States.....	Piece..	1	133	54.0	.155	8.35	133						
All States.....	Piece..	89	10,825	55.7	.169	9.36	14,745	3,257	735	2,061		27	
		33	863	58.9	.125	7.35	47	29	1	276		10	
	Total.	89	11,188	55.8	.167	9.30	14,792	3,286	736	2,337		37	

OTHER EMPLOYEES: Male.

Alabama.....	Piece..	7	264	60.0	\$0.115	\$6.92				262		2	
	Time..	7	1,610	60.6	.111	6.76				1,475		100	35
	Total.	7	1,874	60.5	.111	6.77				1,737		102	35
Connecticut.....	Piece..	2	34	55.0	.179	9.85		34					
	Time..	2	309	55.5	.171	9.46		297		7			5
	Total.	2	343	55.4	.171	9.47		331		7			5
Georgia.....	Piece..	13	530	60.0	.129	7.73				530			
	Time..	13	2,026	60.3	.124	7.50				2,936	1		39
	Total.	13	2,556	60.3	.125	7.54				3,516	1		39
Maine.....	Piece..	5	113	58.0	.177	10.29			113				
	Time..	5	1,385	58.4	.157	9.23			1,345	2			38
	Total.	5	1,498	58.4	.160	9.31			1,458	2			38
Massachusetts....	Piece..	18	905	53.8	.191	10.28		905					
	Time..	18	5,488	54.7	.168	9.19		5,251	1	25	12	7	190
	Total.	18	6,393	54.6	.172	9.34		6,156	1	25	12	7	190
New Hampshire...	Piece..	5	955	55.0	.174	9.57		955					
	Time..	5	6,146	56.0	.182	10.20		5,797	11	41			297
	Total.	5	7,101	55.8	.181	10.11		6,752	11	41			297

¹ Including 12 employees whose full-time hours per week were under 54.

² Including 22 employees whose full-time hours per week were under 54.

³ Including 135 employees whose full-time hours per week were under 54.

⁴ Including 177 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

MANUFACTURING—Continued.

OTHER EMPLOYEES: Male—Concluded.

State.	Piece- workers or time- work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earn- ings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New York.....	Piece..	2	44	55.9	\$0.197	\$10.99	30				14		
	Time..	2	558	55.8	.171	9.55	1 481				42		35
	Total.	2	602	55.8	.173	9.66	1 511				56		35
North Carolina...	Piece..	11	198	60.0	.146	8.75					198		
	Time..	13	1,910	60.3	.115	6.91	2				1,882		26
	Total.	13	2,108	60.2	.118	7.08	2				2,080		26
Rhode Island.....	Piece..	3	196	54.0	.179	9.68	196						
	Time..	3	964	54.6	.175	9.55	943						21
	Total.	3	1,160	54.5	.176	9.57	1,139						21
South Carolina...	Piece..	21	637	60.0	.123	7.36					637		
	Time..	21	4,863	60.3	.112	6.77	6	20	2	4,734	3	11	87
	Total.	21	5,500	60.2	.114	6.84	6	20	2	5,371	3	11	87
Other States.....	Time..	1	241	55.3	.156	8.61	224						17
All States.....	Piece..	87	3,876	56.9	.159	8.94	1,131	989	113	1,641		2	
	Time..	90	26,500	57.6	.149	8.50	6,907	6,115	1,383	11,181	11	113	790
	Total.	90	30,376	57.5	.150	8.55	8,038	7,104	1,496	12,822	11	115	790

OTHER EMPLOYEES: Female.

Alabama.....	Piece..	7	500	60.1	\$0.073	\$4.41					476		24
	Time..	7	187	60.2	.079	4.74					172		15
	Total.	7	687	60.2	.075	4.50					648		39
Connecticut.....	Piece..	2	72	55.0	.116	6.39		72					
	Time..	2	59	55.0	.127	7.00		59					
	Total.	2	131	55.0	.121	6.66		131					
Georgia.....	Piece..	11	653	60.0	.098	5.91					653		
	Time..	13	281	60.0	.101	6.04					281		
	Total.	13	934	60.0	.099	5.94					934		
Maine.....	Piece..	5	326	58.0	.130	7.55			326				
	Time..	5	476	58.0	.124	7.18			476				
	Total.	5	802	58.0	.126	7.33			802				
Massachusetts....	Piece..	18	2,027	53.9	.144	7.76	2,027						
	Time..	18	1,628	53.5	.124	6.63	1,628						
	Total.	18	3,655	53.7	.135	7.26	3,655						

¹ Including 1 employee whose full-time hours per week were under 54.

² Under 54 hours.

³ Including 22 employees whose full-time hours per week were under 54.

⁴ Including 164 employees whose full-time hours per week were under 54.

⁵ Including 186 employees whose full-time hours per week were under 54.

⁶ Including 27 employees whose full-time hours per week were under 54.

⁷ Including 102 employees whose full-time hours per week were under 54.

⁸ Including 129 employees whose full-time hours per week were under 54.

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1914—Concluded.

MANUFACTURING—Continued.**OTHER EMPLOYEES: Female—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							54	Over 54 and under 57	57 and under 60	60	Over 60 and under 63	63 and under 66	66 and over.
New Hampshire..	Piece..	5	1,499	55.0	\$0.157	\$8.63	.....	1,499	.....	.....	.....	.....	.....
	Time..	5	1,267	55.0	.137	7.52	.....	1,267	.....	.....	.....	.....	.....
	Total..	5	2,766	55.0	.148	8.12	.....	2,766	.....	.....	.....	.....	.....
New York.....	Piece..	2	155	54.0	.160	8.63	155	.....	.....	.....	.....	.....	.....
	Time..	2	109	54.0	.123	6.64	109	.....	.....	.....	.....	.....	.....
	Total..	2	264	54.0	.145	7.81	264	.....	.....	.....	.....	.....	.....
North Carolina...	Piece..	13	450	60.0	.092	5.50	.....	.....	.....	450	.....	.....	.....
	Time..	12	157	60.0	.087	5.21	.....	.....	.....	157	.....	.....	.....
	Total..	13	607	60.0	.090	5.42	.....	.....	.....	607	.....	.....	.....
Rhode Island.....	Piece..	3	278	54.0	.150	8.09	278	.....	.....	.....	.....	.....	.....
	Time..	3	268	54.0	.130	7.00	268	.....	.....	.....	.....	.....	.....
	Total..	3	546	54.0	.140	7.55	546	.....	.....	.....	.....	.....	.....
South Carolina...	Piece..	21	1,316	60.0	.088	5.27	.....	.....	.....	1,316	.....	.....	.....
	Time..	20	394	60.0	.094	5.64	.....	.....	.....	394	.....	.....	.....
	Total..	21	1,710	60.0	.089	5.35	.....	.....	.....	1,710	.....	.....	.....
Other States.....	Piece..	1	117	54.0	.140	7.56	117	.....	.....	.....	.....	.....	.....
	Time..	1	101	54.0	.115	6.23	101	.....	.....	.....	.....	.....	.....
	Total..	1	218	54.0	.129	6.94	218	.....	.....	.....	.....	.....	.....
All States.....	Piece..	88	7,393	56.7	.124	6.97 ¹	2,577	1,571	326	2,895	.....	24	.....
	Time..	88	4,927	55.7	.121	6.70 ²	2,106	1,326	476	1,004	.....	15	.....
	Total..	90	12,320	56.3	.123	6.86 ³	4,683	2,897	802	3,899	.....	39	.....

¹ Including 27 employees whose full-time hours per week were under 54.² Including 102 employees whose full-time hours per week were under 54.³ Including 129 employees whose full-time hours per week were under 54.

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS.

MANUFACTURING—Continued.

CARD STRIPPERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified percent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Georgia.....	Piece....	1	2	60.0	60.0	.....	.....	.....	.....	2	.....
	Time....	10	71	60.0	48.7	4	6	9	22	12	18
	Total.	10	73	60.0	49.0	4	6	9	22	14	18
Maine.....	Time....	5	60	58.0	52.8	2	2	4	12	28	2
Massachusetts.....	do.....	18	233	54.0	52.3	7	10	16	27	179	44
New Hampshire.....	do.....	3	81	55.0	52.0	.....	.....	7	18	53	3
New York.....	Piece....	1	25	55.0	44.0	5	.....	.....	1	19	.....
	Time....	1	4	54.0	54.0	.....	.....	.....	.....	4	.....
	Total.	2	29	54.8	45.4	5	.....	.....	1	23	.....
Rhode Island.....	Time....	3	37	54.0	43.2	4	2	5	5	20	1
South Carolina.....	Piece....	1	3	60.0	47.3	.....	.....	1	2	.....	.....
	Time....	12	58	60.0	45.4	3	9	9	22	14	1
	Total.	13	61	60.0	45.5	3	9	10	24	14	1
Other States.....	Time....	7	35	57.6	47.8	2	2	9	4	17	1
All States.....	Piece....	3	30	55.8	45.4	5	.....	1	3	21	.....
	Time....	59	629	55.9	50.5	22	31	59	110	337	70
	Total.	61	659	55.9	50.3	27	31	60	113	358	70

DRAWING TENDERS: Male.

Georgia.....	Piece....	1	5	60.0	39.2	1	.....	2	2	.....	.....
	Time....	8	64	60.0	42.5	8	7	12	20	11	6
	Total.	9	69	60.0	42.3	9	7	14	22	11	6
Maine.....	Time....	5	36	58.0	50.9	.....	4	4	4	22	2
Massachusetts.....	do.....	12	145	54.0	52.7	3	8	11	18	56	49
Rhode Island.....	do.....	2	25	54.0	50.3	1	.....	.....	9	11	4
South Carolina.....	Piece....	2	16	60.0	41.5	1	3	3	8	1	.....
	Time....	13	85	60.0	45.9	4	10	19	27	24	1
	Total.	14	101	60.0	45.2	5	13	22	35	25	1
Other States.....	Piece....	1	1	60.0	54.4	.....	.....	.....	1	.....	.....
	Time....	7	32	58.3	50.3	.....	1	8	7	16	.....
	Total.	7	33	58.4	50.5	.....	1	8	8	16	.....
All States.....	Piece....	4	22	60.0	41.6	2	3	5	11	1	.....
	Time....	47	387	57.0	49.0	16	30	54	85	140	62
	Total.	49	409	57.2	48.6	18	33	59	96	141	62

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.**DRAWING TENDERS: Female.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Georgia.....	Piece.....	1	10	60.0	30.6	1	5	1	3	.....	.....
	Time.....	6	44	60.0	46.1	4	7	3	16	9	5
	Total.....	7	54	60.0	43.2	5	12	4	19	9	5
Maine.....	Time.....	3	62	58.0	50.9	1	2	13	12	34	.....
Massachusetts.....	do.....	10	209	53.8	51.2	2	7	9	4	187	.....
New Hampshire.....	do.....	3	72	55.0	47.4	1	4	10	27	30	.....
Other States.....	do.....	4	56	54.8	45.6	4	1	15	3	33	.....
All States.....	Piece.....	1	10	60.0	30.4	1	5	1	3	.....	.....
	Time.....	26	443	55.3	49.3	12	21	50	62	293	5
	Total.....	27	453	55.4	48.9	13	26	51	65	293	5

FINE SPEEDERS: Male.

Georgia.....	Piece.....	9	120	60.0	43.9	10	14	27	30	39	.....
	Time.....	1	2	60.0	9.5	2	.....	.....	.....	.....	.....
	Total.....	9	122	60.0	43.3	12	14	27	30	39	.....
Massachusetts.....	Piece.....	1	1	54.0	54.0	.....	.....	.....	.....	1	.....
	Time.....	1	30	54.0	53.6	.....	.....	.....	3	27	.....
	Total.....	2	31	54.0	53.6	.....	.....	.....	3	28	.....
North Carolina.....	Piece.....	2	33	60.0	46.9	4	1	7	7	14	.....
	Time.....	2	14	60.0	54.2	1	.....	1	3	8	1
	Total.....	4	47	60.0	49.1	5	1	8	10	22	1
South Carolina.....	Piece.....	14	291	60.0	45.7	18	27	70	81	95	.....
	do.....	2	11	53.4	51.8	.....	.....	3	1	7	.....
	Total.....	16	302	58.7	48.2	18	27	73	82	102	.....
All States.....	Piece.....	28	456	59.9	45.5	32	42	107	119	156	.....
	Time.....	4	46	56.1	51.8	3	.....	1	6	35	1
	Total.....	31	502	59.6	46.1	35	42	108	125	191	1

FINE SPEEDERS: Female.

Connecticut.....	Piece.....	2	35	55.0	47.3	.....	1	14	.....	20	.....
Georgia.....	Piece.....	10	110	60.0	46.9	7	9	27	28	39	.....
	Time.....	2	5	60.0	28.8	2	.....	2	1	.....	.....
	Total.....	10	115	60.0	46.1	9	9	29	29	39	.....
Maine.....	Piece.....	5	186	58.0	52.3	1	5	30	33	117	4
	Time.....	1	5	58.0	54.0	.....	.....	1	.....	.....	.....
	Total.....	5	191	58.0	52.3	1	5	31	33	121	.....
Massachusetts.....	Piece.....	18	729	54.0	50.3	18	16	37	102	556	.....
	Time.....	3	26	53.7	45.4	.....	1	9	2	14	.....
	Total.....	18	755	54.0	50.2	18	17	46	104	570	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.

FINE SPEEDERS: Female—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.						100 per cent.	Over 100 per cent.
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.				
New Hampshire.....	Piece....	3	89	55.0	51.5	1	4		7			73	.....
New York.....	do.....	2	119	54.0	49.8	1	3	21	4			90	.....
Rhode Island.....	do.....	3	108	54.0	48.2	3	5	7	19			74	.....
South Carolina.....	do.....	9	74	60.0	44.4	3	6	26	23			16	.....
Other States.....	Piece....	3	27	60.0	44.7	2	1	11	9			4	.....
	Time....	1	3	60.0	56.3				1			2	.....
	Total....	4	30	60.0	45.8	2	1	11	10			6	.....
All States.....	Piece....	55	1,477	55.4	49.7	36	50	177	225			989	.....
	Time....	7	39	55.5	45.2	2	1	12	4			20	.....
	Total....	56	1,516	55.4	49.6	38	51	189	229			1,009	.....

LOOM FIXERS: Male.

Connecticut.....	Time....	2	27	55.0	49.8		1	1	9	16			.....
Georgia.....	Piece....	1	30	60.0	56.2		1	5	1	20			3
	Time....	10	146	60.0	54.7	2	4	19	38	44			39
	Total....	10	176	60.0	55.0	2	5	24	39	64			42
Maine.....	Time....	5	151	58.0	56.1	1	3	3	7	137			.....
Massachusetts.....	Piece....	1	7	54.0	54.0					7			.....
	Time....	18	585	54.0	51.4	12	17	21	39	410			86
	Total....	18	592	54.0	51.4	12	17	21	39	417			86
New Hampshire.....	Time....	3	109	55.0	54.2		3	1	2	92			11
New York.....	Piece....	1	49	54.4	51.3	2		2	2	43			.....
	Time....	1	10	54.0	54.0					10			.....
	Total....	2	59	54.3	51.7	2		2	2	53			.....
North Carolina.....	Time....	4	27	60.0	56.8			2	7	18			.....
Rhode Island.....	do.....	3	185	54.0	48.7	18	3	1	7	143			13
South Carolina.....	do.....	14	288	60.6	54.5	13	13	21	65	108			68
Other States.....	do.....	1	27	60.0	61.8		1	2	6	.....			18
All States.....	Piece....	3	86	56.3	53.2	2	1	7	3	70			3
	Time....	61	1,555	56.5	52.9	46	45	71	180	978			235
	Total....	62	1,641	56.5	52.9	48	46	78	183	1,048			238

SLASHERS: Male.

Georgia.....	Time....	10	54	60.0	50.7	1	4	8	15	20			6
Maine.....	do.....	5	29	58.0	55.7	1			2	26			.....
Massachusetts.....	Piece....	2	9	54.0	54.0					9			.....
	Time....	17	129	53.9	51.2		5	5	28	77			14
	Total....	17	138	53.9	51.4		5	5	28	86			14
New Hampshire.....	Time....	3	24	55.0	50.2	1		3	1	19			.....
South Carolina.....	do.....	14	47	60.0	52.0	2	3	4	13	16			9
Other States.....	do.....	12	52	55.7	51.4	1	2	2	10	37			.....
All States.....	Piece....	2	9	54.0	54.0					9			.....
	Time....	61	335	56.5	51.6	6	14	22	69	195			29
	Total....	61	344	56.4	51.6	6	14	22	69	204			29

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.**SPINNERS, FRAME: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Massachusetts.....	Piece....	1	9	54.0	54.0	.....	.....	.....	.....	9	.....
	Time....	10	184	53.7	53.7	12	19	17	25	110	1
	Total.....	10	193	53.7	45.1	12	19	17	25	119	1
New Hampshire.....	Piece....	2	55	55.0	51.7	.....	.....	3	12	40	.....
	Time....	1	11	55.0	50.9	.....	1	.....	1	9	.....
	Total.....	3	66	55.0	51.6	.....	1	3	13	49	.....
South Carolina.....	Time....	5	26	60.0	41.2	5	2	3	7	9	.....
Other States.....	Piece....	2	7	55.7	49.4	.....	1	.....	1	5	.....
	Time....	7	57	57.5	44.8	3	6	13	9	26	.....
	Total.....	8	64	57.3	45.3	3	7	13	10	31	.....
All States.....	Piece....	5	71	54.9	51.8	.....	1	3	13	54	.....
	Time....	23	278	55.1	44.6	20	28	33	42	154	1
	Total.....	26	349	55.1	46.1	20	29	36	55	208	1

SPINNERS, FRAME: Female.

Alabama.....	Piece....	1	74	60.0	53.1	1	3	10	19	41	.....
Connecticut.....	Time....	2	88	55.0	47.6	2	3	9	27	47	.....
Georgia.....	Piece....	1	132	60.0	49.3	4	9	22	50	47	.....
	Time....	9	521	60.0	44.8	32	59	139	122	169	.....
	Total.....	10	653	60.0	45.7	36	68	161	172	216	.....
Maine.....	Piece....	1	24	58.0	48.9	.....	2	3	13	6	.....
	Time....	4	325	58.0	48.2	10	22	62	89	142	.....
	Total.....	5	349	58.0	48.2	10	24	65	102	148	.....
Massachusetts.....	Piece....	1	40	54.0	50.6	2	.....	1	3	34	.....
	Time....	18	1,704	53.9	48.2	48	89	135	250	1,182	.....
	Total.....	18	1,744	53.9	48.3	50	89	136	253	1,216	.....
New Hampshire.....	Piece....	2	259	55.0	48.9	.....	6	52	50	151	.....
	Time....	1	121	55.0	51.3	2	5	7	9	98	.....
	Total.....	3	380	55.0	49.7	2	11	59	59	249	.....
New York.....	Piece....	1	24	54.0	50.8	.....	.....	2	3	19	.....
	Time....	2	204	54.0	50.8	6	3	9	12	174	.....
	Total.....	2	228	54.0	50.8	6	3	11	15	193	.....
North Carolina.....	Time....	4	115	60.0	49.2	4	9	17	31	54	.....
Rhode Island.....	do.....	3	228	54.0	47.4	12	10	22	23	161	.....
South Carolina.....	do.....	14	888	60.0	46.5	57	90	140	290	311	.....
All States.....	Piece....	7	553	56.9	49.8	7	20	90	138	298	.....
	Time....	57	4,194	56.5	47.6	173	290	540	853	2,338	.....
	Total.....	62	4,747	56.5	47.9	180	310	630	991	2,636	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.

SPINNERS, MULE: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Maine.....	Piece....	3	43	58.0	54.0	.....	1	3	7	32	.....
Massachusetts.....	do.....	5	119	54.0	49.1	.....	7	15	9	88	.....
Rhode Island.....	do.....	2	39	54.0	53.2	.....	.....	.....	6	33	.....
Other States.....	do.....	3	38	54.8	51.7	.....	2	2	3	31	.....
	Total.	13	239	54.8	51.1	.....	10	20	25	184	.....

TRIMMERS OR INSPECTORS: Female.

Georgia.....	Piece....	2	19	60.0	50.4	.....	2	2	9	6	.....
	Time....	7	46	60.0	50.6	1	4	6	14	21	.....
	Total.	7	65	60.0	50.5	1	6	8	23	27	.....
Maine.....	Time....	5	101	58.0	55.0	1	1	6	14	79	.....
Massachusetts.....	Piece....	3	25	54.0	50.7	.....	2	1	.....	22	.....
	Time....	15	165	54.0	50.6	2	5	6	24	128	.....
	Total.	18	190	54.0	50.6	2	7	7	24	150	.....
New Hampshire.....	Time....	3	34	55.0	54.5	.....	.....	.....	4	30	.....
Rhode Island.....	Piece....	2	18	54.0	54.0	.....	.....	.....	.....	18	.....
	Time....	1	12	54.0	45.1	1	1	.....	4	6	.....
	Total.	2	30	54.0	50.4	1	1	.....	4	24	.....
South Carolina.....	Piece....	1	6	60.0	36.5	1	1	1	3	.....	.....
	Time....	13	106	60.0	47.3	5	7	13	76	5	.....
	Total.	13	112	60.0	46.7	6	8	14	79	5	.....
Other States.....	Time....	7	56	57.5	51.9	.....	1	6	27	22	.....
All States.....	Piece....	8	68	56.2	50.2	1	5	4	12	46	.....
	Time....	51	520	57.0	51.0	10	19	37	163	291	.....
	Total.	55	588	56.9	50.9	11	24	41	175	337	.....

OTHER EMPLOYEES: Male.

Alabama.....	Piece....	1	39	60.0	43.8	2	5	12	9	11	.....
	Time....	1	231	60.8	51.2	11	15	30	65	86	24
	Total.	1	270	60.7	50.1	13	20	42	74	97	24
Connecticut.....	Piece....	2	34	55.0	49.4	.....	.....	4	13	14	8
	Time....	2	309	55.5	47.6	19	14	36	81	119	40
	Total.	2	343	55.4	47.8	19	14	40	94	133	48
Georgia.....	Piece....	10	422	60.0	46.8	33	29	90	116	153	1
	Time....	10	2,442	60.3	48.1	216	200	318	556	949	203
	Total.	10	2,864	60.2	47.9	249	229	408	672	1,102	204

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.**OTHER EMPLOYEES: Male—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Maine.....	Piece....	5	113	58.0	51.9	1	10	6	25	71	.....
	Time....	5	1,385	58.4	54.5	38	50	84	159	921	133
	Total.	5	1,498	58.4	54.3	39	60	90	184	992	133
Massachusetts.....	Piece....	18	905	53.8	48.6	26	41	98	170	500	70
	Time....	18	5,488	54.7	52.9	148	159	227	588	3,176	1,190
	Total.	18	6,393	54.6	52.3	174	200	325	758	3,676	1,260
New Hampshire.....	Piece....	3	150	55.0	51.3	2	3	8	26	99	2
	Time....	3	1,461	55.6	54.9	17	22	44	95	936	347
	Total.	3	1,611	55.6	54.6	19	25	52	131	1,035	349
New York.....	Piece....	2	44	55.9	41.4	5	4	7	10	17	1
	Time....	2	558	55.8	51.3	34	15	27	42	362	78
	Total.	2	602	55.8	50.5	39	19	34	52	379	79
North Carolina.....	Piece....	2	22	60.0	51.5	.....	1	4	8	9	.....
	Time....	4	424	60.3	52.9	11	27	49	79	225	33
	Total.	4	446	60.3	52.8	11	28	53	87	234	33
Rhode Island.....	Piece....	3	196	54.0	45.4	19	12	14	29	116	6
	Time....	3	964	54.6	51.7	29	23	34	129	654	95
	Total.	3	1,160	54.5	50.6	48	35	48	158	770	101
South Carolina.....	Piece....	14	474	60.0	44.2	22	70	129	116	137	.....
	Time....	14	3,200	60.2	49.9	201	259	365	856	1,147	372
	Total.	14	3,674	60.2	49.2	223	329	494	972	1,284	372
All States.....	Piece....	60	2,399	56.6	47.3	110	175	372	532	1,127	83
	Time....	62	16,462	57.3	51.7	724	734	1,214	2,650	8,575	2,515
	Total.	62	18,861	57.2	51.1	834	909	1,586	3,182	9,702	2,598

OTHER EMPLOYEES: Female.

Alabama.....	Piece....	1	102	60.0	47.8	8	8	14	28	44	.....
	Time....	1	29	60.0	48.5	1	4	4	5	13	2
	Total.	1	131	60.0	47.9	9	12	18	33	57	2
Connecticut.....	Piece....	2	72	55.0	42.4	3	3	13	42	11	.....
	Time....	2	59	55.0	48.1	3	.....	7	16	33	.....
	Total.	2	131	55.0	45.0	6	3	20	58	44	.....
Georgia.....	Piece....	8	484	60.0	45.9	34	49	108	122	170	1
	Time....	10	239	60.0	46.7	19	13	51	74	68	14
	Total.	10	723	60.0	46.3	53	62	159	196	238	15
Maine.....	Piece....	5	326	58.0	50.9	2	13	76	48	187	.....
	Time....	5	476	58.0	49.5	9	41	66	103	267	.....
	Total.	5	802	58.0	50.1	11	54	142	151	444	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.

OTHER EMPLOYEES: Female—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Number of employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Massachusetts.....	Piece.....	18	2,027	53.9	48.8	38	83	169	418	1,318	1
	Time.....	18	1,628	53.5	49.3	40	47	109	225	1,206	1
	Total.	18	3,655	53.7	49.0	78	130	278	643	2,524	2
New Hampshire.....	Piece.....	3	254	55.0	48.6	4	7	50	52	141	.....
	Time.....	3	283	55.0	51.3	4	4	21	46	208	.....
	Total.	3	537	55.0	50.0	8	11	71	98	349	.....
New York.....	Piece.....	2	155	54.0	49.8	3	6	12	11	123	.....
	Time.....	2	109	54.0	49.2	2	5	12	4	86	.....
	Total.	2	264	54.0	49.6	5	11	24	15	209	.....
North Carolina.....	Piece.....	4	109	60.0	51.8	2	6	15	26	60	.....
	Time.....	3	51	60.0	46.6	4	4	10	17	14	2
	Total.	4	160	60.0	50.1	6	10	25	43	74	2
Rhode Island.....	Piece.....	3	278	54.0	46.9	12	14	25	75	152	.....
	Time.....	3	268	54.0	49.2	7	9	20	39	192	1
	Total.	3	546	54.0	48.0	19	23	45	114	344	1
South Carolina.....	Piece.....	14	910	60.0	44.1	69	129	178	251	281	2
	Time.....	13	219	60.0	43.9	16	30	42	78	50	3
	Total.	14	1,129	60.0	44.1	85	159	220	329	331	5
All States.....	Piece.....	60	4,717	56.3	47.6	175	318	660	1,073	2,487	4
	Time.....	60	3,361	55.4	48.9	105	157	342	607	2,127	23
	Total.	62	8,078	55.9	48.1	280	475	1,002	1,680	4,614	27

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.**CARD STRIPPERS: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
New Hampshire.....	Time....	2	139	110.4	67.0	3	4	12	26	94	.....
Other States.....	do.....	10	36	120.0	82.2	4	3	7	18	3	1
	Total.	12	175	112.4	71.2	7	7	19	44	97	1

DRAWING TENDERS: Male.

Alabama.....	Piece....	1	4	120.0	118.7	.....	.....	.....	1	3	.....
	Time....	3	33	120.0	93.2	5	1	2	17	7	1
	Total.	4	37	120.0	95.9	5	1	2	18	10	1
New Hampshire.....	Piece....	1	12	110.0	101.3	.....	.....	2	1	9	.....
	Time....	2	21	110.0	88.6	1	.....	5	7	8	.....
	Total.	2	33	110.0	93.2	1	.....	7	8	17	.....
South Carolina.....	Time....	3	29	120.0	69.5	6	3	8	12	.....	.....
	do.....	2	11	120.0	96.2	.....	2	2	5	.....	2
All States.....	Piece....	2	16	112.5	105.6	12	.....	2	2	12	.....
	Time....	10	94	117.8	85.2	.....	6	17	41	15	3
	Total.	11	110	117.0	88.2	12	6	19	43	27	3

DRAWING TENDERS: Female.

New Hampshire.....	Piece....	1	49	110.0	98.8	.....	.....	.....	8	34	.....
	Time....	2	54	110.0	95.5	2	3	2	12	34	.....
	Total.	2	103	110.0	97.0	7	4	4	20	68	.....
Other States.....	Time....	2	16	120.0	80.8	.....	2	8	6	.....	.....
All States.....	Piece....	1	49	110.0	98.8	2	3	2	8	34	.....
	Time....	4	70	112.3	92.1	5	3	10	18	34	.....
	Total.	4	119	111.3	94.8	7	6	12	26	68	.....

FINE SPEEDERS: Male.

Alabama.....	Piece....	4	45	120.0	98.4	3	2	7	13	20	.....
South Carolina.....	do.....	3	48	120.0	77.2	5	5	23	14	2	.....
Other States.....	do.....	3	16	118.1	94.1	1	.....	4	9	2	.....
	Total.	10	109	119.7	88.4	9	7	33	36	24	.....

FINE SPEEDERS: Female.

Alabama.....	Piece....	5	61	120.0	88.7	5	10	7	28	11	.....
	Time....	1	2	120.0	109.2	.....	.....	.....	1	1	.....
	Total.	5	63	120.0	89.3	5	10	7	29	12	.....
New Hampshire.....	Piece....	2	258	110.0	98.7	5	10	25	44	174	.....
Other States.....	do.....	4	26	120.0	71.9	6	5	7	3	5	.....
All States.....	Piece....	11	345	112.5	94.9	16	25	39	75	190	.....
	Time....	1	2	120.0	109.2	.....	.....	.....	1	1	.....
	Total.	11	347	112.6	95.0	16	25	39	76	191	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.

LOOM FIXERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Alabama.....	Piece.....	1	21	120.0	113.7	.....	1	.....	4	16	.....
	Time.....	5	83	120.0	100.6	6	4	8	27	26	12
	Total.	5	104	120.0	103.2	6	5	8	31	42	12
New Hampshire.....	Piece.....	1	51	110.0	107.1	.....	.....	2	6	43	.....
	Time.....	2	381	110.0	103.1	3	9	28	39	301	1
	Total.	2	432	110.0	103.6	3	9	30	45	344	1
North Carolina.....	Time.....	2	26	120.0	110.3	1	1	.....	19	4	1
South Carolina.....	do.....	3	41	120.0	103.6	2	1	4	13	21	.....
All States.....	Piece.....	2	72	112.9	109.0	.....	1	2	10	59	.....
	Time.....	12	531	112.8	103.1	12	15	40	98	352	14
	Total.	12	603	112.8	103.8	12	16	42	108	411	14

SLASHERS: Male.

New Hampshire.....	Piece.....	1	75	110.0	95.5	1	2	6	62	4	.....
	Time.....	1	13	110.0	108.8	.....	.....	.....	1	12	.....
	Total.	2	88	110.0	97.4	1	2	6	63	16	.....
Other States.....	Time.....	10	32	120.0	111.1	.....	2	.....	13	15	2
All States.....	Piece.....	1	75	110.0	95.5	1	2	6	62	4	.....
	Time.....	11	45	117.1	110.4	.....	2	.....	14	27	2
	Total.	12	120	112.7	101.1	1	4	6	76	31	2

SPINNERS, FRAME: Male.

All States.....	Piece.....	3	84	110.5	78.8	14	8	9	20	33	.....
	Time.....	4	25	112.8	72.6	6	3	2	9	5	.....
	Total.	5	109	111.0	77.3	20	11	11	29	38	.....

SPINNERS, FRAME: Female.

Alabama.....	Piece.....	1	72	120.0	91.6	10	2	9	32	19	.....
	Time.....	4	208	120.0	93.6	10	18	42	90	43	.....
	Total.	5	280	120.0	93.1	20	20	51	122	67	.....
New Hampshire.....	Piece.....	2	677	110.0	86.5	53	52	114	196	262	.....
	Time.....	2	240	110.0	82.9	19	20	58	71	72	.....
	Total.	2	917	110.0	85.6	72	72	172	267	334	.....
North Carolina.....	Time.....	2	74	120.0	104.4	.....	4	19	28	23	.....
South Carolina.....	do.....	3	179	120.0	75.9	27	26	48	55	23	.....
All States.....	Piece.....	3	749	111.0	87.0	63	54	123	228	281	.....
	Time.....	11	701	116.6	86.6	56	68	167	244	166	.....
	Total.	12	1,450	113.7	86.8	119	122	290	472	447	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.**TRIMMERS OR INSPECTORS: Female.**

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Alabama.....	Time....	5	36	120.0	100.0	2	1	4	20	8	1
New Hampshire.....	Piece....	2	20	110.0	100.8	.....	.....	3	9	8	.....
	Time....	2	14	110.0	93.4	.....	1	2	8	3	.....
	Total.....	2	34	110.0	97.8	.....	1	5	17	11	.....
Other States.....	Time....	2	7	120.0	114.4	.....	.....	.....	5	2	.....
All States.....	Piece....	2	20	110.0	100.8	.....	.....	3	9	8	.....
	Time....	9	57	117.5	100.1	2	2	6	33	13	1
	Total.....	9	77	115.6	100.3	2	2	9	42	21	1

WEAVERS: Male.

Alabama.....	Piece....	6	359	120.0	93.5	23	29	69	109	129	.....
	Time....	3	32	120.0	69.0	6	5	10	6	5	.....
	Total.....	6	391	120.0	91.5	29	34	79	115	134	.....
Connecticut.....	Piece....	2	84	110.0	105.5	.....	2	2	15	65	.....
	Time....	10	651	120.0	89.3	35	76	139	277	124	.....
	Total.....	10	718	120.0	84.5	61	103	153	277	124	.....
Maine.....	Piece....	5	434	116.0	96.4	27	18	74	43	272	.....
	Time....	1	2	116.0	58.0	.....	.....	2	.....	.....	.....
	Total.....	5	436	116.0	96.2	27	18	76	43	272	.....
Massachusetts.....	Piece....	18	2,485	107.9	95.4	71	86	309	307	1,699	13
	Time....	4	32	108.0	55.2	12	7	2	.....	11	.....
	Total.....	18	2,517	107.9	94.9	83	93	311	307	1,710	13
New Hampshire.....	Piece....	5	1,859	110.0	99.0	36	78	188	278	1,279	.....
	Time....	4	22	110.0	62.0	1	.....	17	1	3	.....
	Total.....	5	1,881	110.0	98.5	37	78	205	279	1,282	.....
New York.....	Piece....	2	205	109.6	97.1	5	7	29	20	144	.....
	Time....	6	185	120.0	101.5	2	11	29	88	55	.....
	Total.....	6	236	120.0	92.6	10	27	45	99	55	.....
Rhode Island.....	Piece....	3	633	108.0	95.5	16	14	64	321	218	.....
	Time....	1	13	108.0	46.4	.....	7	6	.....	.....	.....
	Total.....	3	646	108.0	94.6	16	21	70	321	218	.....
South Carolina.....	Piece....	15	1,340	120.0	82.1	147	197	293	448	253	2
	Time....	6	128	120.0	37.3	52	50	22	2	2	.....
	Total.....	15	1,468	120.0	78.2	199	247	315	450	255	2
All States.....	Piece....	72	8,235	112.6	93.8	362	518	1,196	1,906	4,238	15
	Time....	27	347	117.8	47.4	105	112	89	20	21	.....
	Total.....	72	8,582	112.8	91.9	467	630	1,285	1,926	4,259	15

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Contd.

MANUFACTURING—Continued.

WEAVERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Alabama.....	Piece....	6	242	120.0	94.7	13	21	40	90	77	1
	Time....	3	32	120.0	75.8	2	9	8	7	6	.....
	Total.	6	274	120.0	92.5	15	30	48	97	83	1
Connecticut.....	Piece....	2	129	110.0	99.1	.....	2	12	66	49	.....
Georgia.....	Piece....	10	536	120.0	90.7	19	63	121	204	129	.....
	Time....	6	59	120.0	29.0	28	26	5	.....	.....	.....
	Total.	10	595	120.0	84.5	47	89	126	204	129	.....
Maine.....	Piece....	5	735	116.0	97.5	37	31	123	60	484	.....
	Time....	1	1	116.0	58.0	.....	.....	1	.....	.....	.....
	Total.	5	736	116.0	97.4	37	31	124	60	484	.....
Massachusetts.....	Piece....	18	3,867	107.9	98.1	74	103	386	355	2,943	6
	Time....	5	22	108.0	62.4	4	3	7	.....	8	.....
	Total.	18	3,889	107.9	97.9	78	106	393	355	2,951	6
New Hampshire.....	Piece....	5	3,128	110.0	100.2	32	116	318	449	2,213	.....
	Time....	3	29	110.0	52.6	2	3	23	.....	1	.....
	Total.	5	3,157	110.0	99.7	34	119	341	449	2,214	.....
New York.....	Piece....	2	252	108.0	95.4	7	8	31	20	186	.....
North Carolina.....	Piece....	6	89	120.0	101.3	3	7	13	40	26	.....
	Time....	3	23	120.0	62.7	1	10	10	2	.....	.....
	Total.	6	112	120.0	93.4	4	17	23	42	26	.....
Rhode Island.....	Piece....	3	493	108.0	94.3	10	16	57	264	146	.....
	Time....	1	25	108.0	45.1	1	12	12	.....	.....	.....
	Total.	3	518	108.0	91.9	11	28	69	264	146	.....
South Carolina.....	Piece....	15	566	120.0	81.0	66	88	118	184	110	.....
	Time....	6	108	120.0	34.0	52	36	19	1	.....	.....
	Total.	15	674	120.0	73.5	118	124	137	185	110	.....
All States.....	Piece....	72	10,037	110.9	97.0	261	455	1,219	1,732	6,363	7
	Time....	28	299	117.1	44.6	90	99	85	10	15	.....
	Total.	72	10,336	111.1	95.5	351	554	1,304	1,742	6,378	7

OTHER EMPLOYEES: Male.

Alabama.....	Piece....	5	223	120.0	98.9	10	13	30	100	68	2
	Time....	5	1,294	120.7	96.5	109	90	168	401	415	111
	Total.	5	1,517	120.6	96.8	119	103	198	501	483	113
New Hampshire.....	Piece....	2	805	110.0	92.0	48	49	95	239	318	56
	Time....	2	4,685	112.1	101.7	270	222	293	881	2,313	706
	Total.	2	5,490	111.8	100.3	318	271	388	1,120	2,631	762

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Concl'd.

MANUFACTURING—Concluded.**OTHER EMPLOYEES: Male—Concluded.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
North Carolina.....	Piece.....	2	19	120.0	104.2	1	1	2	5	1	9
	Time.....	2	310	120.5	100.6	16	27	33	123	17	94
	Total.	2	329	120.4	100.8	17	28	35	128	18	103
South Carolina.....	Piece.....	3	75	120.0	77.6	12	14	8	33	8	.....
	Time.....	3	784	120.9	81.3	177	65	98	218	199	27
	Total.	3	859	120.8	81.0	189	79	106	251	207	27
All States.....	Piece.....	12	1,122	112.8	92.6	71	77	135	377	395	67
	Time.....	12	7,073	115.1	95.5	572	404	592	1,623	2,944	938
	Total.	12	8,195	114.7	97.7	643	481	727	2,000	3,339	1,005

OTHER EMPLOYEES: Female.

Alabama.....	Piece.....	5	374	120.0	89.7	25	44	72	150	83	.....
	Time.....	5	143	120.0	96.2	7	12	21	56	33	14
	Total.	5	517	120.0	91.5	32	56	93	206	116	14
New Hampshire.....	Piece.....	2	1,245	110.0	91.0	58	91	146	548	402	.....
	Time.....	2	984	110.0	81.4	133	110	100	252	378	11
	Total.	2	2,229	110.0	86.7	191	201	246	800	780	11
North Carolina.....	Piece.....	2	26	120.0	104.7	2	1	3	6	2	12
	Time.....	2	38	120.0	94.1	4	3	3	15	1	12
	Total.	2	64	120.0	98.4	6	4	6	21	3	24
South Carolina.....	Piece.....	3	206	120.0	74.1	32	36	50	72	16	.....
	Time.....	3	31	120.0	59.1	12	5	1	9	4	.....
	Total.	3	237	120.0	72.2	44	41	51	81	20	.....
All States.....	Piece.....	12	1,851	113.3	89.1	117	172	271	776	503	12
	Time.....	12	1,196	111.8	83.0	156	130	125	332	416	37
	Total.	12	3,047	112.7	86.7	273	302	396	1,108	919	49

TABLE VIII.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR
IN THE UNITED STATES, BY YEARS, 1911 TO 1914.

FINISHING.

[The figures opposite each group of years are for identical establishments.]

NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.			
<i>Calendriers, male.</i>																			
20 establishments.....	1911	412	57.9	\$0.149	.....	17	79	213	100	2	1	.....	.....	.....	.....	.....	.....		
	1912	409	57.8	.151	.....	28	58	180	128	12	3	.....	.....	.....	.....	.....	.....		
20 establishments.....	1912	422	58.1	.150	.....	29	65	195	124	5	4	.....	.....	.....	.....	.....	.....		
	1913	395	57.8	.153	.....	.....	60	204	114	15	2	.....	.....	.....	.....	.....	.....		
19 establishments.....	1913	344	57.7	.156	.....	.....	36	172	112	22	2	.....	.....	.....	.....	.....	.....		
	1914	359	56.7	.161	.....	.....	34	101	185	28	10	1	.....	.....	.....	.....	.....		
<i>Engravers, male.</i>																			
12 establishments.....	1911	179	55.8	.479	.....	.....	.....	.....	.....	.....	.....	.....	9	114	54	2	.....		
	1912	166	55.4	.483	.....	.....	.....	.....	.....	.....	.....	.....	6	94	64	2	.....		
11 establishments.....	1912	123	55.8	.488	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	78	42	2	.....	
	1913	107	55.9	.484	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	70	32	2	.....	
11 establishments.....	1913	124	54.9	.482											10	64	47	3	
	1914	123	53.0	.510	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	39	81	2	.....	
<i>Folders, male.</i>																			
19 establishments.....	1911	268	57.4	.230	.....	.....	2	28	13	46	94	58	27	.....	.....	.....	.....	.....	
	1912	277	57.2	.246	.....	.....	.....	28	7	27	65	108	36	4	2	.....	.....	.....	
19 establishments.....	1912	276	57.7	.243	.....	.....	.....	28	7	26	82	91	36	4	2	.....	.....	.....	
	1913	250	57.1	.250	.....	.....	.....	.....	11	12	95	99	33	.....	.....	.....	.....	.....	
19 establishments.....	1913	266	56.8	.247	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1914	255	56.0	.273	.....	.....	.....	3	8	9	61	70	99	5	.....	.....	.....	.....	
<i>Knotters, female.</i>																			
19 establishments.....	1911	281	58.9	.116	72	131	23	18	32	4	1	.....	.....	.....	.....	.....	.....	.....	
	1912	296	56.1	.121	67	109	57	16	35	6	4	2	.....	.....	.....	.....	.....	.....	
19 establishments.....	1912	300	56.5	.121	50	134	53	16	35	6	4	2	.....	.....	.....	.....	.....	.....	
	1913	274	55.9	.118	40	125	59	26	23	.....	1	.....	.....	.....	.....	.....	.....	.....	
19 establishments.....	1913	279	55.8	.117	40	126	75	14	23	.....	1	.....	.....	.....	.....	.....	.....	.....	
	1914	282	54.6	.122	15	130	75	46	10	5	1	.....	.....	.....	.....	.....	.....	.....	
<i>Laborers, bleach house, male.</i>																			
19 establishments.....	1911	688	57.5	.133	40	107	283	206	32	11	8	1	.....	.....	.....	.....	.....	.....	
	1912	748	57.2	.137	36	57	323	244	64	10	14	.....	.....	.....	.....	.....	.....	.....	
19 establishments.....	1912	714	57.7	.137	26	51	327	234	54	10	12	.....	.....	.....	.....	.....	.....	.....	
	1913	787	57.7	.142	11	60	315	279	75	14	32	1	.....	.....	.....	.....	.....	.....	
18 establishments.....	1913	801	57.4	.142	4	54	331	285	73	21	33	.....	.....	.....	.....	.....	.....	.....	
	1914	785	56.2	.143	3	49	304	303	92	23	11	.....	.....	.....	.....	.....	.....	.....	
<i>Laborers, color mixing, male.</i>																			
12 establishments.....	1911	263	57.7	.146	.....	1	79	140	33	7	3	.....	.....	.....	.....	.....	.....	.....	
	1912	270	57.4	.147	.....	3	72	152	32	9	2	.....	.....	.....	.....	.....	.....	.....	
12 establishments.....	1912	243	58.4	.145	.....	3	84	130	16	8	2	.....	.....	.....	.....	.....	.....	.....	
	1913	246	58.6	.149	.....	1	62	139	28	12	4	.....	.....	.....	.....	.....	.....	.....	
12 establishments.....	1913	288	57.5	.151	.....	1	60	171	40	12	4	.....	.....	.....	.....	.....	.....	.....	
	1914	317	56.8	.153	1	2	45	200	52	10	7	.....	.....	.....	.....	.....	.....	.....	
<i>Laborers, dyehouse, male.</i>																			
30 establishments.....	1911	1,229	57.7	.144	5	56	369	577	202	13	7	.....	.....	.....	.....	.....	.....	.....	
	1912	1,268	57.2	.153	.....	40	157	550	486	25	10	.....	.....	.....	.....	.....	.....	.....	

TABLE VIII.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1911 TO 1914—Continued.

FINISHING—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
<i>Laborers, dyehouse, male—</i>																	
<i>Concluded.</i>																	
27 establishments.....	1912	1,179	57.4	\$0.154	.....	24	160	497	465	22	11	.....	.....	.....	.....	.....	.....
	1913	1,120	57.4	.153	3	27	210	408	443	25	4	.....	.....	.....	.....	.....	.....
33 establishments.....	1913	1,167	57.5	.149	3	99	206	408	429	21	1	.....	.....	.....	.....	.....	.....
	1914	1,267	56.1	.153	17	99	206	437	403	96	7	2	.....	.....	.....	.....	.....
<i>Printers, male.</i>																	
12 establishments.....	1911	156	56.9	.489	.....	.....	.....	.....	.....	.....	.....	15	5	13	123	.....	.....
	1912	164	56.7	.487	.....	.....	.....	.....	.....	.....	.....	18	9	13	124	.....	.....
12 establishments.....	1912	137	57.4	.472	.....	.....	.....	.....	.....	.....	.....	18	9	22	88	.....	.....
	1913	133	57.1	.470	.....	.....	.....	.....	.....	.....	4	17	8	11	93	.....	.....
12 establishments.....	1913	147	56.3	.479	.....	.....	.....	.....	.....	.....	4	17	8	11	107	.....	.....
	1914	159	55.5	.518	.....	.....	.....	.....	.....	.....	3	16	8	6	119	7	.....

PER CENT.

<i>Calenders, male.</i>																	
20 establishments.....	1911	412	57.9	\$0.149	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct	P.ct
	1912	409	57.8	.151	...	4	19	52	24	(*)	(*)	...	...	...	...	...	...
20 establishments.....	1912	422	58.1	.150	...	7	14	44	31	3	1	...	...	...	...	...	...
	1913	395	57.8	.153	...	...	15	52	29	4	1	...	...	...	...	...	...
19 establishments.....	1913	344	57.7	.156	...	...	10	50	33	6	1	...	...	...	...	...	...
	1914	359	56.7	.161	...	...	9	28	52	8	3	(*)	...	...	...	...	...
<i>Engravers, male.</i>																	
12 establishments.....	1911	179	55.8	.479	...	...	...	...	...	...	...	...	5	64	30	1	...
	1912	166	55.4	.483	...	...	...	...	...	...	...	...	4	57	39	1	...
11 establishments.....	1912	123	55.8	.488	...	...	...	...	...	...	...	...	1	63	34	2	...
	1913	107	55.9	.484	...	...	...	...	...	...	...	...	3	65	30	2	...
11 establishments.....	1913	124	54.9	.482	...	...	...	...	...	...	...	...	8	52	38	2	...
	1914	123	53.0	.510	...	...	...	...	...	...	...	...	1	32	66	2	...
<i>Folders, male.</i>																	
19 establishments.....	1911	268	57.4	.230	...	...	1	10	5	17	35	22	10	...	...	...	...
	1912	277	57.2	.246	...	...	...	10	3	10	23	39	13	1	1	...	...
19 establishments.....	1912	276	57.7	.243	...	...	...	10	3	9	30	33	13	1	1	...	...
	1913	250	57.1	.250	...	...	...	...	4	5	38	40	13	...	...	...	...
19 establishments.....	1913	266	56.8	.247	...	...	...	...	4	5	42	37	12	...	...	...	...
	1914	255	56.0	.273	...	...	...	1	3	4	24	27	39	2	...	...	...
<i>Knotters, female.</i>																	
19 establishments.....	1911	281	56.9	.116	26	47	8	6	11	1	(*)	...	...	...	...	...	...
	1912	296	56.1	.121	23	37	19	5	12	2	1	1	...	...	...	...	...
19 establishments.....	1912	300	56.5	.121	17	45	18	5	12	2	1	1	...	...	...	...	...
	1913	274	55.9	.118	15	46	22	9	8	...	(*)	...	...	...	...	...	...
19 establishments.....	1913	279	55.8	.117	14	45	27	5	8	...	(*)	...	...	...	...	...	...
	1914	282	54.6	.122	5	46	27	16	4	2	(*)	...	...	...	...	...	...

* Including 6 employees earning under 8 cents per hour.

* Less than 1 per cent.

TABLE VIII.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1911 TO 1914—Concluded.

FINISHING—Continued.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.											
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
<i>Laborers, bleach house, male.</i>					<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>	<i>P.ct.</i>
19 establishments.....	1911	688	57.5	.133	6	16	41	30	5	2	1	(1)				
	1912	748	57.2	.137	5	8	43	33	9	1	2					
19 establishments.....	1912	714	57.7	.137	4	7	46	33	8	1	2					
	1913	787	57.7	.142	1	8	40	35	10	2	4	(1)				
18 establishments.....	1913	801	57.4	.142	(1)	7	41	36	9	3	4					
	1914	786	56.2	.143	(1)	6	39	39	12	3	1					
<i>Laborers, color mixing, male.</i>																
12 establishments.....	1911	263	57.7	.146		(1)	30	53	13	3	1					
	1912	270	57.4	.147		1	27	56	12	3	1					
12 establishments.....	1912	243	58.4	.145		1	35	53	7	3	1					
	1913	246	58.6	.149		(1)	25	57	11	5	2					
12 establishments.....	1913	288	57.5	.151		(1)	21	59	14	4	1					
	1914	317	56.8	.153	(1)	1	14	63	16	3	2					
<i>Laborers, dyehouse, male.</i>																
30 establishments.....	1911	1,229	57.7	.144	(1)	5	30	47	16	1	1					
	1912	1,268	57.2	.153		3	12	43	38	2	1					
27 establishments.....	1912	1,179	57.4	.154		2	14	42	39	2	1					
	1913	1,120	57.4	.153	(1)	2	19	36	40	2	(1)					
33 establishments.....	1913	1,167	57.5	.149	(1)	8	18	35	37	2	(1)					
	1914	1,267	56.1	.153	1	8	16	34	32	8	1	(1)				
<i>Printers, male.</i>																
12 establishments.....	1911	156	56.9	.489								10	3	8	79	
	1912	164	56.7	.487								11	5	8	76	
12 establishments.....	1912	137	57.4	.472								13	7	16	64	
	1913	133	57.1	.470							3	13	6	8	70	
12 establishments.....	1913	147	56.3	.479							3	12	5	7	73	
	1914	159	55.5	.518							2	10	5	4	75	4

¹ Less than 1 per cent.

TABLE IX.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914.

FINISHING—Continued.

(The figures for both years are for identical establishments.)

CALENDREERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.											
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cents and over.
Connecticut:																
2 establishments....	1913	68	58.0	\$0.155				39	29							
	1914	58	58.5	.159				15	42		1					
Massachusetts:																
4 establishments....	1913	56	56.5	.147			29	13	1	13						
	1914	62	56.5	.145			30	18	1							
New Jersey:																
2 establishments....	1913	44	60.0	.162				20	21	2	1					
	1914	44	60.0	.157			4	18	21	1						
New York:																
2 establishments....	1913	18	57.3	.166				9	3	6						
	1914	22	57.8	.170				4	10	8						
Rhode Island:																
6 establishments....	1913	110	56.9	.156			7	50	51	1	1					
	1914	116	54.2	.171				20	81	5	9	1				
Other States:																
3 establishments....	1913	48	58.6	.158				41	7							
	1914	57	57.4	.161				26	30	1						
Total:																
19 establishments....	1913	344	57.7	.156			36	172	112	22	2					
	1914	359	56.7	.161			34	101	185	28	10	1				

ENGRAVERS: Male.

Connecticut:																
2 establishments....	1913	15	51.2	\$0.517									1	5	7	2
	1914	14	51.6	.520									1	4	7	2
Massachusetts:																
3 establishments....	1913	67	54.5	.479									7	31	28	1
	1914	68	53.1	.510										23	45	
Rhode Island:																
4 establishments....	1913	19	55.3	.470									2	9	8	
	1914	22	54.5	.490										10	12	
Other States:																
2 establishments....	1913	23	58.2	.475										19	4	
	1914	19	51.7	.527										2	17	
Total:																
11 establishments....	1913	124	54.9	.482									10	64	47	3
	1914	123	53.0	.510									1	39	81	2

FOLDERS: Male.

Connecticut:																
2 establishments....	1913	18	60.0	\$0.188					6		12					
	1914	13	58.5	.223							13					
Massachusetts:																
4 establishments....	1913	64	54.8	.268							35	8	21			
	1914	64	54.7	.295							20	11	32	1		
New Jersey:																
2 establishments....	1913	19	60.0	.199					2	9	8					
	1914	18	60.0	.196					2	9	7					
New York:																
2 establishments....	1913	34	57.7	.207					1	1	32					
	1914	29	58.6	.240					1		14	12	2			
Rhode Island:																
6 establishments....	1913	102	56.0	.271						1	11	78	12			
	1914	99	54.2	.305							1	29	65	4		
Other States:																
3 establishments....	1913	29	58.9	.227					2	1	13	13				
	1914	32	58.5	.223				3	5		6	18				
Total:																
19 establishments....	1913	266	56.8	.247					11	12	111	99	33			
	1914	255	56.0	.273				3	8	9	61	70	99	8		

TABLE IX.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR
IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

FINISHING—Continued.

KNOTTERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cents and over.	
Connecticut: 2 establishments ...	1913	16	58.0	\$0.100	7	9											
	1914	13	55.0	.106		13											
Massachusetts: 4 establishments ...	1913	79	54.0	.141		1	52	2	23		1						
	1914	84	54.0	.132		15	48	21									
New Jersey: 2 establishments ...	1913	15	60.0	.085	15												
	1914	14	60.0	.091	12	2											
New York: 2 establishments ...	1913	32	54.0	.117		21	11										
	1914	22	54.0	.132		15	1		2	3	1						
Rhode Island: 6 establishments ...	1913	95	55.7	.110	18	57	8	12									
	1914	110	54.0	.123	3	49	23	25	8	2							
Other States: 3 establishments ...	1913	42	58.7	.105		38	4										
	1914	39	55.9	.110		36	3										
Total: 19 establishments.....	1913	279	55.8	.117	40	126	75	14	23		1						
	1914	282	54.6	.122	15	130	75	46	10	5	1						

LABORERS, BLEACH HOUSE: Male.

Connecticut: 2 establishments	1913	93	60.0	\$0.137		2	55	31	4		1					
	1914	102	57.2	.140		4	55	34	6		3					
Massachusetts: 3 establishments	1913	206	56.6	.139		20	114	50	9	9	4					
	1914	210	56.0	.136	3	26	109	56	13	3						
New Jersey: 2 establishments	1913	61	60.0	.138		1	39	4	15		2					
	1914	53	60.0	.144		6	17	10	19		1					
New York: 2 establishments	1913	68	58.3	.181			21	1	14	7	25					
	1914	72	58.3	.154			20	27	16	7	2					
Rhode Island: 6 establishments	1913	281	56.0	.139	4	20	79	145	27	5	1					
	1914	257	54.2	.146		11	75	124	32	13	2					
Other States: 3 establishments	1913	92	58.6	.139		11	23	54	4							
	1914	91	57.6	.145		2	28	52	6		3					
Total: 18 establishments	1913	801	57.4	.142	4	54	331	285	73	21	33					
	1914	785	56.2	.143	3	49	304	303	92	23	11					

LABORERS, COLOR MIXING: Male.

Connecticut: 2 establishments	1913	48	60.0	\$0.154			3	26	6		3					
	1914	52	57.5	.155			3	39	6	1	3					
Massachusetts: 3 establishments	1913	148	56.1	.151			31	87	25	5						
	1914	152	56.1	.152	1		30	87	29	5						
Rhode Island: 4 establishments	1913	36	56.0	.146			14	15	5	1	1					
	1914	51	54.2	.150			11	26	14							
Other States: 3 establishments	1913	56	60.0	.150		1	12	33	4	6						
	1914	62	60.0	.153		2	1	48	3	4	4					
Total: 12 establishments	1913	238	57.5	.151		1	60	171	40	12	4					
	1914	317	56.8	.153	1	2	45	200	52	10	7					

TABLE IX.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.**FINISHING—Continued.****LABORERS, DYEHOUSE: Male.**

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cents and over.			
Connecticut: 3 establishments	1913	94	59.8	\$0.148	.....	.....	24	56	11	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	89	57.5	.150	.....	1	16	62	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts: 9 establishments	1913	413	55.2	.150	.....	.....	103	191	116	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	469	55.1	.152	2	1	115	217	131	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire: 3 establishments	1913	340	58.0	.163	.....	.....	4	66	259	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	346	55.0	.172	.....	.....	10	47	196	92	1	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey: 2 establishments	1913	42	60.0	.162	.....	2	5	3	31	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	1914	48	60.0	.162	1	1	4	6	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina: 6 establishments	1913	89	60.0	.110	.....	72	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	117	60.0	.113	11	65	40	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island: 4 establishments	1913	84	57.8	.140	3	.....	29	49	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	95	54.0	.147	3	3	11	55	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States: 6 establishments	1913	105	59.3	.136	.....	25	24	43	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	103	59.6	.142	.....	28	10	49	8	1	5	2	.....	.....	.....	.....	.....	.....	.....
Total: 33 establishments	1913	1,167	57.5	.149	3	99	206	408	429	21	1	.....	.....	.....	.....	.....	.....	.....	.....
	1914	1,267	56.1	.153	17	99	206	437	403	96	7	2	.....	.....	.....	.....	.....	.....	.....

PRINTERS: Male.

Connecticut:																			
2 establishments	1913	20	55.0	\$0.535	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....
	1914	19	55.0	.559	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	1
Massachusetts:																			
3 establishments	1913	76	56.3	.444	.....	.....	.....	.....	.....	.....	4	17	8	1	46	.....	.....	.....	.....
	1914	81	56.1	.478	.....	.....	.....	.....	.....	.....	3	16	7	3	51	.....	.....	.....	1
Rhode Island:																			
4 establishments	1913	28	56.0	.518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28	.....
	1914	33	54.2	.562	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	1
Other States:																			
3 establishments	1913	23	58.1	.497	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	13
	1914	26	55.3	.555	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	4
Total:																			
12 establishments	1913	147	56.3	.479	.....	.....	.....	.....	.....	.....	4	17	8	11	107	.....	.....	.....	.....
	1914	159	55.5	.513	.....	.....	.....	.....	.....	.....	3	16	8	6	119	.....	.....	.....	7

¹ Including 6 employees earning under 8 cents per hour.

TABLE X.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

FINISHING—Continued.

CALENDERS: Male.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
Conn.....	Time..	2	58	58.5	\$0.159	.....	.....	.....	15	42	.....	1	.....	.....	.....	.....	.....	
Mass.....	do....	4	62	56.5	.145	.....	30	18	1	13	.....	.....	.....	.....	.....	.....	.....	
N. J.....	do....	2	44	60.0	.157	.....	4	18	21	1	.....	.....	.....	.....	.....	.....	.....	
N. Y.....	do....	2	22	57.8	.170	.....	.....	4	10	8	.....	.....	.....	.....	.....	.....	.....	
R. I.....	do....	6	116	54.2	.171	.....	.....	20	81	5	9	1	.....	.....	.....	.....	.....	
Other States	do....	3	57	57.4	.161	.....	.....	26	30	1	.....	.....	.....	.....	.....	.....	.....	
	Total.	19	359	56.7	.161	.....	.....	34	101	185	28	10	1	.....	.....	.....	.....	

ENGRAVERS: Male.

Conn.....	Time..	2	14	51.6	\$0.520	.....	.....	.....	.....	.....	.....	.....	.....	1	4	7	2
Mass.....	do.	3	68	53.1	.510	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	45	.....
R. I.....	do.	4	22	54.5	.490	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	12	.....
Other States	do.	2	19	51.7	.527	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	17	.....
	Total.	11	123	53.0	.510	.....	.....	.....	.....	.....	.....	.....	.....	1	39	81	2

FOLDERS: Male.

Conn.....	Time..	2	13	58.5	\$0.223	.....	.....	.....	.....	.....	13	.....	.....	.....	.....	.....	.....
Mass.....	Piece..	3	52	54.0	.316	.....	.....	.....	.....	.....	8	11	32	1	.....	.....	.....
	Time..	2	12	57.7	.208	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....
	Total.	4	64	54.7	.205	.....	.....	.....	.....	.....	20	11	32	1	.....	.....	.....
N. J.....	Time..	2	18	60.0	.196	.....	.....	.....	2	9	7	.....	.....	.....	.....	.....	.....
N. Y.....	Piece..	1	7	54.0	.276	.....	.....	.....	.....	.....	1	4	2	.....	.....	.....	.....
	Time..	1	22	60.0	.229	.....	.....	.....	1	.....	13	8	.....	.....	.....	.....	.....
	Total.	2	29	58.6	.240	.....	.....	.....	1	.....	14	12	2	.....	.....	.....	.....
R. I.....	Time..	6	99	54.2	.305	.....	.....	.....	.....	.....	1	29	65	4	.....	.....	.....
Other States	Piece..	2	15	57.0	.199	.....	.....	.....	2	5	.....	6	2	.....	.....	.....	.....
	Time..	2	17	59.9	.245	.....	.....	.....	1	.....	.....	16	.....	.....	.....	.....	.....
	Total.	3	32	58.5	.223	.....	.....	.....	3	5	.....	6	18	.....	.....	.....	.....
All States..	Piece..	6	74	54.6	.288	.....	.....	.....	2	5	.....	15	17	34	1	.....	.....
	Time..	15	181	56.5	.267	.....	.....	.....	1	3	9	46	53	65	4	.....	.....
	Total.	19	255	56.0	.273	.....	.....	.....	3	8	9	61	70	99	5	.....	.....

KNOTTERS: Female.

Conn.....	Time..	2	13	55.0	\$0.105	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass.....	Piece..	2	29	54.0	.139	.....	5	4	20	.....	.....	.....	.....	.....	.....	.....	.....
	Time..	4	55	54.0	.128	.....	10	44	1	.....	.....	.....	.....	.....	.....	.....	.....
	Total.	4	84	54.0	.132	.....	15	48	21	.....	.....	.....	.....	.....	.....	.....	.....
N. J.....	Time..	2	14	60.0	.091	12	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. Y.....	Piece..	1	7	54.0	.180	.....	.....	1	.....	2	3	1	.....	.....	.....	.....	.....
	Time..	1	15	54.0	.109	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total.	2	22	54.0	.132	.....	15	1	.....	2	3	1	.....	.....	.....	.....	.....
R. I.....	Piece..	1	14	54.0	.141	1	1	1	11	.....	.....	.....	.....	.....	.....	.....	.....
	Time..	5	96	54.0	.121	2	48	22	14	8	2	.....	.....	.....	.....	.....	.....
	Total.	6	110	54.0	.123	3	49	23	25	8	2	.....	.....	.....	.....	.....	.....

TABLE X.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Contd.

FINISHING—Continued.

KNOTTERS: Female—Concluded.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.		
Other States	Time..	3	39	55.9	\$0.110	....	36	3	.....	.....	.....	.....	.....	.....	.....	.....	.....		
All States..	Piece..	4	50	54.0	.145	1	6	6	31	2	3	1	.....	.....	.....	.....	.....		
	Time..	17	232	54.7	.117	14	124	69	15	8	2	.....	.....	.....	.....	.....	.....		
	Total.	19	282	54.6	.122	15	130	75	46	10	5	1	.....	.....	.....	.....	.....		

LABORERS, BLEACH HOUSE: Male.

Conn.....	Time..	2	102	57.2	\$0.140	....	4	55	34	6	....	3	....	....	....	....	....
Mass.....	do..	3	210	56.0	.136	3	26	109	56	13	3	....	....	....	....	....	....
N. J.....	do..	2	53	60.0	.144	....	6	17	10	19	....	1	....	....	....	....	....
N. Y.....	do..	2	72	58.3	.154	....	....	20	27	16	7	2	....	....	....	....	....
R. I.....	do..	6	257	54.2	.146	....	11	75	124	32	13	2	....	....	....	....	....
Other States	do..	3	91	57.6	.145	....	2	28	52	6	....	3	....	....	....	....	....
	Total.	18	785	56.2	.143	3	49	304	303	92	23	11	....	....	....	....	....

LABORERS, COLOR MIXING: Male.

Conn.....	Time..	2	52	57.5	\$0.155	....	....	3	39	6	1	3	....	....	....	....	....
Mass.....	do..	3	152	56.1	.152	1	....	30	87	29	5	....	....	....	....	....	....
R. I.....	do..	4	51	54.2	.150	....	....	11	26	14	....	....	....	....	....	....	....
Other States	do..	3	62	60.0	.153	....	2	1	48	3	4	4	....	....	....	....	....
	Total.	12	317	56.8	.153	1	2	45	200	52	10	7	....	....	....	....	....

LABORERS, DYEHOUSE: Male.

Conn.....	Time..	3	89	57.5	\$0.150	....	1	16	62	9	....	1	....	....	....	....	....
Mass.....	do..	9	499	55.1	.152	2	1	115	217	131	3	....	....	....	....	....	....
N. H.....	do..	3	346	55.0	.172	....	....	10	47	196	92	1	....	....	....	....	....
N. J.....	do..	2	48	60.0	.162	1	1	4	6	36	....	....	....	....	....	....	....
N. C.....	do..	6	117	60.0	.113	11	65	40	1	....	....	....	....	....	....	....	....
R. I.....	do..	4	95	54.0	.147	3	3	11	55	23	....	....	....	....	....	....	....
Other States	do..	6	103	59.6	.142	....	28	10	49	8	1	5	2	....	....	....	....
	Total.	33	1,267	56.1	.153	17	99	206	437	403	96	7	2	....	....	....	....

PRINTERS: Male.

Conn.....	Time..	2	19	55.0	\$0.559	....	....	....	....	....	....	....	....	....	....	18	1
Mass.....	do..	3	81	56.1	.478	....	....	....	....	....	3	16	7	3	51	1	1
R. I.....	do..	4	33	54.2	.562	....	....	....	....	....	....	....	....	1	31	1	4
Other States	do..	3	26	55.3	.555	....	....	....	....	....	....	....	....	1	2	19	4
	Total.	12	159	55.5	.518	....	....	....	....	....	3	16	8	6	119	7	7

OTHER EMPLOYEES: Male.

Conn.....	Time..	3	776	57.6	\$0.163	....	10	207	345	68	10	69	51	14	1	....	1
Mass.....	Piece..	3	28	54.0	.190	....	....	2	5	6	6	6	2	1	....	....	....
	Time..	8	2,660	55.9	.166	28	43	667	913	357	188	232	160	58	11	3	....
	Total.	8	2,688	55.9	.166	28	43	669	918	363	194	238	162	59	11	3	....
N. H.....	Time..	3	135	56.4	.177	....	1	29	33	22	15	22	9	4	....	....	....
N. J.....	do..	2	336	61.2	.172	19	11	29	52	143	15	44	14	8	....	1	....

* Including 6 employees earning under 8 cents per hour.

* Including 1 employee earning under 8 cents per hour.

TABLE X.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

FINISHING—Continued.

OTHER EMPLOYEES: Male—Concluded.

State.	Piece- workers or time- work- ers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Ave- rage full- time hours per week.	Ave- rage rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						8 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.		
N. Y.	Piece..	2	21	56.3	\$0.224	....	1	1	2	1	2	7	4	3	....	....	1		
	Time..	2	782	59.0	.171	1	19	108	273	169	58	86	44	20	3	....	1		
	Total.	2	803	58.9	.173	1	20	109	275	170	60	93	48	23	3	....	1		
R. I.	Piece..	1	16	54.0	.252	....	....	....	2	2	3	2	....	7	....	....	....		
	Time..	6	1,985	55.2	.188	9	45	207	589	346	202	252	192	115	23	5	....		
	Total.	6	2,001	55.2	.188	9	45	207	591	348	205	254	192	122	23	5	....		
Other States	Piece..	2	9	59.6	.228	....	....	2	....	....	....	3	3	1	....	....	....		
	Time..	2	843	59.7	.160	1	40	28	115	378	115	40	76	34	16	1	....		
	Total.	2	852	59.7	.161	1	40	28	117	378	115	40	79	37	17	1	....		
All States..	Piece..	8	74	55.3	.218	....	1	5	9	9	11	18	9	12	....	....	....		
	Time..	26	7,517	56.9	.172	* 97	157	1,362	2,583	1,220	528	781	504	235	39	9	2		
	Total.	26	7,591	56.9	.172	* 97	158	1,367	2,592	1,229	539	799	513	247	39	9	2		

OTHER EMPLOYEES: Female.

Conn.	Piece..	1	1	55.0	\$0.148	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	Time..	2	131	55.0	.117	.....	81	44	4	.....	2	.....	.....	.....	.....	.....	.....
	Total.	2	132	55.0	.117	.....	81	44	5	.....	2	.....	.....	.....	.....	.....	.....
Mass.	Piece..	2	137	54.0	.168	.....	1	36	27	15	24	34	.....	.....	.....	.....	.....
	Time..	5	599	53.8	.124	52	143	323	60	8	6	7	.....	.....	.....	.....	.....
	Total.	5	736	53.8	.132	52	144	350	87	23	30	41	.....	.....	.....	.....	.....
N. H.	Time..	2	20	55.0	.133	.....	2	16	.....	.....	2	.....	.....	.....	.....	.....	.....
N. J.	Piece..	1	4	60.0	.104	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....
	Time..	2	72	60.0	.092	58	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total.	2	76	60.0	.092	60	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. Y.	Piece..	2	191	54.0	.164	* 11	13	31	44	24	28	32	8	.....	.....	.....	.....
	Time..	2	133	54.0	.128	2	57	40	25	3	5	1	.....	.....	.....	.....	.....
	Total.	2	324	54.0	.149	* 13	70	71	69	27	33	33	8	.....	.....	.....	.....
R. I.	Piece..	4	40	54.0	.141	1	1	14	7	12	4	1	.....	.....	.....	.....	.....
	Time..	6	374	54.0	.152	6	73	101	51	51	55	32	4	1	.....	.....	.....
	Total.	6	414	54.0	.151	7	74	115	58	63	59	33	4	1	.....	.....	.....
Other States	Piece..	2	54	55.6	.147	4	7	13	10	14	2	4	.....	.....	.....	.....	.....
	Time..	2	119	55.6	.117	3	81	22	8	3	2	.....	.....	.....	.....	.....	.....
	Total.	2	173	55.6	.126	4	88	35	18	17	4	4	.....	.....	.....	.....	.....
All States..	Piece..	12	427	54.3	.160	* 18	23	95	89	65	58	71	8	.....	.....	.....	.....
	Time..	21	1,448	54.4	.129	121	460	547	148	65	72	40	4	1	.....	.....	.....
	Total.	21	1,875	54.4	.136	* 139	473	642	237	130	130	111	12	1	.....	.....	.....

* Including 21 employees earning under 8 cents per hour.

* Including 23 employees earning under 8 cents per hour.

* Including 4 employees earning under 8 cents per hour.

* Including 1 employee earning under 8 cents per hour.

* Including 5 employees earning under 8 cents per hour.

TABLE XI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1911 TO 1914.

FINISHING—Continued.

[The figures opposite each group of years are for identical establishments.]

NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Calendriers, male.</i>											
20 establishments.....	1911	412	57.9	\$0.149	\$8.61				118	201	93
	1912	409	57.8	.151	8.73			13	110	201	85
20 establishments.....	1912	422	58.1	.150	8.72			6	95	201	120
	1913	395	57.8	.153	8.85			15	95	193	92
19 establishments.....	1913	344	57.7	.156	8.98			29	86	137	92
	1914	359	56.7	.161	9.12			136	49	61	113
<i>Engravers, male.</i>											
12 establishments.....	1911	179	55.8	.479	26.68	6	26		72	75	
	1912	166	55.4	.483	26.75	6	23	36	31	70	
11 establishments.....	1912	123	55.8	.488	27.20	6	23		23	70	1
	1913	107	55.9	.484	27.01	6	27		19	37	18
11 establishments.....	1913	124	54.9	.482	26.41	6	27	40	19	14	18
	1914	123	53.0	.510	27.01	10	53	54	6		
<i>Folders, male.</i>											
19 establishments.....	1911	268	57.4	.230	13.16				158	38	72
	1912	277	57.2	.246	14.06			23	127	68	59
19 establishments.....	1912	276	57.7	.243	13.99			10	110	68	88
	1913	250	57.1	.250	14.20			43	102	34	71
19 establishments.....	1913	266	56.8	.247	13.95			65	102	28	71
	1914	255	56.0	.273	15.18			151	17	22	65
<i>Knotters, female.</i>											
19 establishments.....	1911	281	56.9	.116	6.59				183	53	45
	1912	296	56.1	.121	6.78			84	135	40	37
19 establishments.....	1912	300	56.5	.121	6.82			76	118	40	66
	1913	274	55.9	.118	6.54			106	95	44	29
19 establishments.....	1913	279	55.8	.117	6.51			111	95	44	29
	1914	282	54.6	.122	6.69			233	18	17	14
<i>Laborers, bleach house, male.</i>											
19 establishments.....	1911	688	57.5	.133	7.63				364	128	196
	1912	748	57.2	.137	7.82			65	339	187	157
19 establishments.....	1912	714	57.7	.137	7.88			9	309	187	208
	1913	787	57.7	.142	8.20			19	306	232	230
18 establishments.....	1913	801	57.4	.142	8.17			92	281	198	230
	1914	785	56.2	.143	8.05	13		349	107	158	168
<i>Laborers, color mixing, male.</i>											
12 establishments.....	1911	263	57.7	.146	8.45				106	90	67
	1912	270	57.4	.147	8.45			39	64	103	64
12 establishments.....	1912	243	58.4	.145	8.46				43	103	97
	1913	246	58.6	.149	8.73				36	106	104
12 establishments.....	1913	288	57.5	.151	8.67			69	36	79	104
	1914	317	56.8	.153	8.66			120	31	92	70
<i>Laborers, dyehouse, male.</i>											
30 establishments.....	1911	1,229	57.7	.144	8.32				415	575	230
	1912	1,268	57.2	.153	8.75			271	148	649	200
27 establishments.....	1912	1,179	57.4	.154	8.83			209	126	649	195
	1913	1,120	57.4	.153	8.77			209	130	575	206
33 establishments.....	1913	1,167	57.5	.149	8.56			286	47	513	321
	1914	1,267	56.1	.153	8.55	12		431	391	154	289

1 Under 48 hours.

TABLE XI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1911 TO 1914—Continued.

FINISHING—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Printers, male.</i>												
12 establishments	1911	156	56.9	\$0.489	\$27.79				86	57	13	
	1912	164	56.7	.487	27.54			22	66	62	14	
12 establishments	1912	137	57.4	.472	27.04				52	66	19	
	1913	133	57.1	.470	26.78				56	64	13	
12 establishments	1913	147	56.3	.479	26.85			33	56	45	13	
	1914	159	55.5	.518	28.57			68	46	44	1	

PER CENT.

<i>Calenders, male.</i>												
20 establishments	1911	412	57.9	\$0.149	\$8.61	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.
	1912	409	57.8	.151	8.78			3	29	49	23	
20 establishments	1912	422	58.1	.150	8.72			1	23	48	28	
	1913	395	57.8	.153	8.86			4	24	49	23	
19 establishments	1913	344	57.7	.156	8.98			8	25	40	27	
	1914	359	56.7	.161	9.12			38	14	17	31	
<i>Engravers, male.</i>												
12 establishments	1911	179	55.8	.479	26.68	3	15		40	42		
	1912	166	55.4	.483	26.75	4	14	22	19	42		
11 establishments	1912	123	55.8	.488	27.20	5	19		19	57	1	
	1913	107	55.9	.484	27.01	6	25		18	35	17	
11 establishments	1913	124	54.9	.482	26.41	5	22	32	15	11	15	
	1914	123	53.0	.510	27.01	8	43	44	5			
<i>Folders, male.</i>												
19 establishments	1911	268	57.4	.230	13.16				59	14	27	
	1912	277	57.2	.246	14.06			8	46	25	21	
19 establishments	1912	276	57.7	.242	13.99			4	40	25	32	
	1913	250	57.1	.250	14.20			17	41	14	28	
19 establishments	1913	266	56.8	.247	13.95			24	38	11	27	
	1914	255	56.0	.273	15.18			59	7	9	25	
<i>Knotters, female.</i>												
19 establishments	1911	281	56.9	.116	6.59				65	19	16	
	1912	296	56.1	.121	6.78			28	46	14	13	
19 establishments	1912	300	56.5	.121	6.82			25	39	13	22	
	1913	274	55.9	.118	6.54			39	35	16	11	
19 establishments	1913	279	55.8	.117	6.51			40	34	16	10	
	1914	282	54.6	.122	6.69			83	6	6	5	
<i>Laborers, bleach house, male.</i>												
19 establishments	1911	688	57.5	.133	7.63				53	19	28	
	1912	748	57.2	.137	7.82			9	45	25	21	
19 establishments	1912	714	57.7	.137	7.98			1	43	26	29	
	1913	787	57.7	.142	8.20			2	39	29	29	
18 establishments	1913	801	57.4	.142	8.17			11	35	25	29	
	1914	785	56.2	.143	8.06	(1)		44	14	20	21	

¹ Less than 1 per cent.

TABLE XI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1911 TO 1914—Concluded.

FINISHING—Continued.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Laborers, color mixing, male.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
12 establishments.....	1911	263	57.7	\$0.146	\$8.45	.....	.....	.....	40	34	25	.....
	1912	270	57.4	.147	8.45	.....	.....	14	24	38	24	.....
12 establishments.....	1912	243	58.4	.145	8.46	.....	.....	.....	18	42	40	.....
	1913	246	58.6	.149	8.73	.....	.....	.....	15	43	42	.....
12 establishments.....	1913	288	57.5	.151	8.67	.....	.....	24	13	27	36	.....
	1914	317	56.8	.153	8.66	.....	.....	38	10	29	22	1
<i>Laborers, dyehouse, male.</i>												
30 establishments.....	1911	1,229	57.7	.144	8.32	.....	.....	.....	34	47	19	1
	1912	1,268	57.2	.153	8.75	.....	.....	21	12	51	16	.....
27 establishments.....	1912	1,179	57.4	.154	8.83	.....	.....	18	11	55	17	.....
	1913	1,120	57.4	.153	8.77	.....	.....	19	12	51	18	.....
33 establishments.....	1913	1,167	57.5	.149	8.56	.....	.....	25	4	44	28	.....
	1914	1,267	56.1	.153	8.55	(1)	.....	34	31	12	23	.....
<i>Printers, male.</i>												
12 establishments.....	1911	156	56.9	.489	27.79	.....	.....	.....	55	37	8	.....
	1912	164	56.7	.487	27.54	.....	.....	13	40	38	9	.....
12 establishments.....	1912	137	57.4	.472	27.04	.....	.....	.....	38	48	14	.....
	1913	133	57.1	.470	26.78	.....	.....	.....	42	48	10	.....
12 establishments.....	1913	147	56.3	.479	26.85	.....	.....	22	38	31	9	.....
	1914	159	55.5	.518	28.57	.....	.....	43	29	28	1	.....

¹ Less than 1 per cent.

TABLE XII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914.

FINISHING.

[The figures for both years are for identical establishments.]

CALENDREERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut:												
2 establishments.....	1913	68	58.0	\$0.155	\$8.96					68		
	1914	58	58.5	.159	9.28				17		41	
Massachusetts:												
4 establishments.....	1913	56	56.5	.147	8.29			21		35		
	1914	62	56.5	.145	8.18			23		39		
New Jersey:												
2 establishments.....	1913	44	60.0	.162	9.70						44	
	1914	44	60.0	.157	9.41						44	
New York:												
2 establishments.....	1913	18	57.3	.166	9.44			8			10	
	1914	22	57.8	.170	9.79			8			14	
Rhode Island:												
6 establishments.....	1913	110	56.9	.156	8.88				86		24	
	1914	116	54.2	.171	9.25			105	11			
Other States:												
3 establishments.....	1913	48	58.6	.158	9.23					34	14	
	1914	57	57.4	.161	9.25				21	22	14	
Total:												
19 establishments	1913	344	57.7	.156	8.98			20	86	137	92	
	1914	350	56.7	.161	9.12			136	49	61	113	

ENGRAVERS: Male.

Connecticut:												
2 establishments.....	1913	15	51.2	\$0.517	\$26.48	6	8		1			
	1914	14	51.6	.520	26.81	5	8		1			
Massachusetts:												
3 establishments.....	1913	67	54.5	.479	26.12		13	40		14		
	1914	68	53.1	.510	27.09	5	26	37				
Rhode Island:												
4 establishments.....	1913	19	55.3	.470	26.00				18		1	
	1914	22	54.5	.490	26.68			17	5			
Other States:												
2 establishments.....	1913	23	58.2	.475	27.57		6				17	
	1914	19	51.7	.527	27.25		19					
Total:												
11 establishments	1913	124	54.9	.482	26.41	6	27	40	19	14	18	
	1914	123	53.0	.510	27.01	10	53	54	6			

FOLDERS: Male.

Connecticut:												
2 establishments.....	1913	18	60.0	\$0.188	\$11.27						18	
	1914	13	58.5	.223	13.06				4		9	
Massachusetts:												
4 establishments.....	1913	64	54.8	.268	14.65			52		12		
	1914	64	54.7	.295	16.09			53		11		
New Jersey:												
2 establishments.....	1913	19	60.0	.199	11.92						19	
	1914	18	60.0	.196	11.74						18	
New York:												
2 establishments.....	1913	34	57.7	.207	11.96			13			21	
	1914	29	58.6	.240	14.03			7			22	
Rhode Island:												
6 establishments.....	1913	102	56.0	.271	15.17				102			
	1914	99	54.2	.305	16.51			91	8			
Other States:												
3 establishments.....	1913	29	58.9	.227	13.39					16	13	
	1914	32	58.5	.223	13.09				5	11	16	
Total:												
19 establishments	1913	266	56.8	.247	13.95			65	102	28	71	
	1914	255	56.0	.273	15.18			151	17	22	65	

TABLE XII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Contd.**FINISHING—Continued.****KNOTTERS: Female.**

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	Over 60
Connecticut:											
2 establishments.....	1913	16	58.0	\$0.100	\$5.88					16	
	1914	13	55.0	.105	5.75				13		
Massachusetts:											
4 establishments.....	1913	79	54.0	.141	7.63			79			
	1914	84	54.0	.132	7.13			84			
New Jersey:											
2 establishments.....	1913	15	60.0	.085	5.12						15
	1914	14	60.0	.091	5.44						14
New York:											
2 establishments.....	1913	32	54.0	.117	6.34			32			
	1914	22	54.0	.132	7.11			22			
Rhode Island:											
6 establishments.....	1913	95	55.7	.110	6.14				95		
	1914	110	54.0	.123	6.65			110			
Other States:											
3 establishments.....	1913	42	58.7	.105	6.14					28	14
	1914	39	55.9	.110	6.14			17	5	17	
Total:											
19 establishments	1913	279	55.8	.117	6.51			111	95	44	29
	1914	282	54.6	.122	6.09			233	13	17	14

LABORERS, BLEACH HOUSE: Male.

Connecticut:											
2 establishments.....	1913	93	60.0	\$0.137	\$8.25						93
	1914	102	57.2	.140	8.00				58		44
Massachusetts:											
3 establishments.....	1913	206	56.6	.139	7.84			73		133	
	1914	210	56.0	.136	7.64	13		95		112	
New Jersey:											
2 establishments.....	1913	61	60.0	.138	8.31						61
	1914	53	60.0	.144	8.63						53
New York:											
2 establishments.....	1913	68	58.3	.181	10.55			19			49
	1914	72	58.3	.154	8.95			21			51
Rhode Island:											
6 establishments.....	1913	281	56.0	.139	7.80				281		
	1914	257	54.2	.146	7.92			233	24		
Other States:											
3 establishments.....	1913	92	58.6	.139	8.14					65	27
	1914	91	57.6	.145	8.38				25	46	20
Total:											
18 establishments.	1913	801	57.4	.142	8.17			92	281	198	230
	1914	785	56.2	.143	8.05	13		349	107	158	168

LABORERS, COLOR MIXING: Male.

Connecticut:											
2 establishments.....	1913	48	60.0	\$0.154	\$9.27						48
	1914	52	57.5	.155	8.90				26		26
Massachusetts:											
3 establishments.....	1913	148	58.1	.151	8.48			69		79	
	1914	152	56.1	.152	8.52			74		78	
Rhode Island:											
4 establishments.....	1913	36	56.0	.146	8.17				36		
	1914	51	54.2	.150	8.14			46	5		
Other States:											
3 establishments.....	1913	56	60.0	.150	8.99						56
	1914	62	60.0	.153	9.21					14	44
Total:											
12 establishments.	1913	288	57.5	.151	8.67			69	36	79	104
	1914	317	56.8	.153	8.66			120	31	92	70

¹ Under 48 hours.

TABLE XII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

FINISHING—Continued.

LABORERS, DYEHOUSE: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut:												
3 establishments.....	1913	94	59.8	\$0.148	\$3.87	.....	.....	.....	.....	11	83	.....
	1914	89	57.5	.150	8.60	.....	.....	.....	45	.....	44	.....
Massachusetts:												
9 establishments.....	1913	413	55.2	.150	8.27	.....	.....	286	.....	127	.....	.....
	1914	460	55.1	.152	8.34	1 2	.....	336	.....	131	.....	.....
New Hampshire:												
3 establishments.....	1913	340	58.0	.163	9.48	.....	.....	.....	.....	340	.....	.....
	1914	346	55.0	.172	9.45	.....	.....	.....	346	.....	.....	.....
New Jersey:												
2 establishments.....	1913	42	60.0	.162	9.69	.....	.....	.....	.....	.....	42	.....
	1914	48	60.0	.162	9.69	.....	.....	.....	.....	.....	48	.....
North Carolina:												
6 establishments.....	1913	89	60.0	.110	6.59	.....	.....	.....	.....	.....	89	.....
	1914	117	60.0	.113	6.78	.....	.....	.....	.....	.....	117	.....
Rhode Island:												
4 establishments.....	1913	84	57.8	.140	8.07	.....	.....	.....	47	.....	37	.....
	1914	95	54.0	.147	7.94	.....	.....	95	.....	.....	.....	.....
Other States:												
6 establishments.....	1913	105	59.3	.136	8.09	.....	.....	.....	.....	35	70	.....
	1914	103	59.6	.142	8.44	.....	.....	.....	.....	23	80	.....
Total:												
33 establishments.....	1913	1,167	57.5	.149	8.58	.....	.....	286	47	513	321	.....
	1914	1,267	56.1	.153	8.55	1 2	.....	431	391	154	289	.....

PRINTERS: Male.

Connecticut:												
2 establishments.....	1913	20	55.0	\$0.535	\$29.40	.....	.....	.....	20	.....	.....	.....
	1914	19	55.0	.559	30.73	.....	.....	.....	19	.....	.....	.....
Massachusetts:												
3 establishments.....	1913	76	56.3	.444	24.80	.....	.....	33	.....	43	.....	.....
	1914	81	56.1	.478	26.61	.....	.....	39	.....	41	1	.....
Rhode Island:												
4 establishments.....	1913	28	56.0	.518	28.99	.....	.....	.....	28	.....	.....	.....
	1914	33	54.2	.562	30.47	.....	.....	29	4	.....	.....	.....
Other States:												
3 establishments.....	1913	23	58.1	.497	28.83	.....	.....	.....	8	2	13	.....
	1914	26	55.3	.555	30.66	.....	.....	.....	23	3	.....	.....
Total:												
12 establishments.....	1913	147	56.3	.479	26.85	.....	.....	33	56	45	13	.....
	1914	159	55.5	.518	28.57	.....	.....	68	46	44	1	.....

1 Under 48 hours.

TABLE XIII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

FINISHING—Continued.

CALENDREERS: Male.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	Over 60
Connecticut....	Time....	2	58	58.5	\$0.159	\$9.28				17		41
Massachusetts...	do.....	4	62	56.5	.145	8.18			23		39	
New Jersey.....	do.....	2	44	60.0	.157	9.41						44
New York.....	do.....	2	22	57.8	.170	9.79			8			14
Rhode Island....	do.....	6	116	54.2	.171	9.25			105	11		
Other States.....	do.....	3	57	57.4	.161	9.25				21	22	14
	Total.	19	359	56.7	.161	9.12			136	49	61	113

ENGRAVERS: Male.

Connecticut....	Time....	2	14	51.6	\$0.520	\$26.81	5	8		1		
Massachusetts...	do.....	3	68	53.1	.510	27.09	5	26	37			
Rhode Island....	do.....	4	22	54.5	.490	26.68			17	5		
Other States.....	do.....	2	19	51.7	.527	27.25		19				
	Total.	11	123	53.0	.510	27.01	10	53	54	6		

FOLDERS: Male.

Connecticut....	Time....	2	13	58.5	\$0.223	\$13.06				4		9
Massachusetts...	Piece....	3	52	54.0	.316	17.04			52			
	Time....	2	12	57.7	.208	11.99			1		11	
	Total.	4	64	54.7	.295	16.09			53		11	
New Jersey.....	Time....	2	18	60.0	.196	11.74						18
New York.....	Piece....	1	7	54.0	.276	14.89			7			
	Time....	1	22	60.0	.229	13.75						22
	Total.	2	29	58.6	.240	14.03			7			22
Rhode Island....	Time....	6	99	54.2	.305	16.51			91	8		
Other States.....	Piece....	2	15	57.0	.199	11.32				5	10	
	Time....	2	17	59.9	.245	14.66					1	15
	Total.	3	32	58.5	.223	13.09				5	11	16
All States.....	Piece....	6	74	54.6	.288	15.68			59	5	10	
	Time....	15	181	56.5	.267	14.98			92	12	12	65
	Total.	19	255	56.0	.273	15.18			151	17	22	65

KNOTTERS: Female.

Connecticut....	Time....	2	13	55.0	\$0.105	\$5.75				13		
Massachusetts...	Piece....	2	29	54.0	.139	7.53			29			
	Time....	4	55	54.0	.128	6.91			55			
	Total.	4	84	54.0	.132	7.13			84			
New Jersey.....	Time....	2	14	60.0	.091	5.44						14
New York.....	Piece....	1	7	54.0	.180	9.70			7			
	Time....	1	15	54.0	.109	5.90			15			
	Total.	2	22	54.0	.132	7.11			22			

TABLE XIII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

FINISHING—Continued.

KNOTTERS: Female—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Rhode Island...	Piece....	1	14	54.0	\$0.141	\$7.59	.....	.....	14	.....	.....	.....	.....
	Time....	5	96	54.0	.121	6.51	.....	.....	96	.....	.....	.....	.....
	Total.	6	110	54.0	.123	6.65	.....	.....	110	.....	.....	.....	.....
Other States....	Time....	3	39	55.9	.110	6.14	.....	.....	17	5	17	.....	.....
All States.....	Piece....	4	50	54.0	.145	7.85	.....	.....	50	.....	.....	.....	.....
	Time....	17	232	54.7	.117	6.44	.....	.....	183	18	17	14	.....
	Total.	19	282	54.6	.122	6.69	.....	.....	233	18	17	14	.....

LABORERS, BLEACH HOUSE: Male.

Connecticut....	Time....	2	102	57.2	\$0.140	\$8.00	.....	.....	.....	58	.....	44	.....
Massachusetts...do.	.....	3	210	56.0	.136	7.64	1 3	.....	95	.....	112	.....	.....
New Jersey.....do.	.....	2	53	60.0	.144	8.63	.....	.....	.....	.....	.....	53	.....
New York.....do.	.....	2	72	58.3	.154	8.95	.....	.....	21	.....	.....	51	.....
Rhode Island....do.	.....	6	257	54.2	.146	7.92	.....	.....	233	24	.....	.....	.....
Other States.....do.	.....	3	91	57.6	.145	8.38	.....	.....	.....	25	46	20	.....
Total.	.....	18	785	56.2	.143	8.05	1 3	.....	349	107	153	168	.....

LABORERS, COLOR MIXING: Male.

Connecticut....	Time....	2	52	57.5	\$0.155	\$8.90	.....	.....	.....	26	.....	26	.....
Massachusetts...do.	.....	3	152	56.1	.152	8.52	.....	.....	74	.....	78	.....	.....
Rhode Island....do.	.....	4	51	54.2	.150	8.14	.....	.....	46	5	.....	.....	.....
Other States.....do.	.....	3	62	60.0	.153	9.21	.....	.....	.....	.....	14	44	4
Total.	.....	12	317	56.8	.153	8.66	.....	.....	120	31	92	70	4

LABORERS, DYEHOUSE: Male.

Connecticut....	Time....	3	89	57.5	\$0.150	\$8.60	.....	.....	.....	45	.....	44	.....
Massachusetts...do.	.....	9	469	55.1	.152	8.34	1 2	.....	336	.....	131	.....	.....
New Hampshire...do.	.....	3	346	55.0	.172	9.45	.....	.....	.....	346	.....	.....	.....
New Jersey.....do.	.....	2	48	60.0	.162	9.69	.....	.....	.....	.....	.....	48	.....
North Carolina...do.	.....	6	117	60.0	.113	6.78	.....	.....	.....	.....	.....	117	.....
Rhode Island....do.	.....	4	95	54.0	.147	7.94	.....	.....	95	.....	.....	.....	.....
Other States.....do.	.....	6	103	59.6	.142	8.44	.....	.....	.....	.....	23	80	.....
Total.	.....	33	1,267	56.1	.153	8.55	1 2	.....	431	391	154	239	.....

PRINTERS: Male.

Connecticut....	Time....	2	19	55.0	\$0.559	\$30.73	.....	.....	.....	19	.....	.....	.....
Massachusetts...do.	.....	3	81	56.1	.478	28.61	.....	.....	39	.....	41	1	.....
Rhode Island....do.	.....	4	33	54.2	.562	30.47	.....	.....	29	4	.....	.....	.....
Other States.....do.	.....	3	26	55.3	.555	30.66	.....	.....	.....	23	3	.....	.....
Total.	.....	12	159	55.5	.518	28.57	.....	.....	68	46	44	1	.....

¹Under 48 hours.

TABLE XIII.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

FINISHING—Continued.

OTHER EMPLOYEES: Male.

State.	Piece- workers or time- workers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Average full- time hours per week.	Average rate of wages per hour.	Average full- time weekly earn- ings.	Employees whose full-time hours per week were—						
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut....	Time....	3	776	57.6	\$9.163	\$9.39	1 30	.....	.....	301	91	340	14
Massachusetts..	Piece....	3	28	54.0	.190	10.28	.....	.....	28	.....	.....	.....	.....
	Time....	8	2,660	55.9	.166	9.27	* 34	44	1,853	.....	572	25	132
	Total....	8	2,688	55.9	.166	9.28	* 34	44	1,881	.....	572	25	132
New Hampshire	Time....	3	135	56.4	.177	9.98	.....	.....	.....	125	.....	.....	10
New Jersey.....	do.....	2	336	61.2	.172	10.54	.....	.....	.....	.....	13	303	20
New York.....	Piece....	2	21	56.3	.224	12.68	.....	.....	13	.....	.....	8	.....
	Time....	2	782	59.0	.171	10.09	.....	4	174	37	.....	526	41
	Total....	2	803	58.9	.173	10.16	.....	4	187	37	.....	534	41
Rhode Island...	Piece....	1	16	54.0	.252	13.58	.....	.....	16	.....	.....	.....	.....
	Time....	6	1,985	55.2	.188	10.12	.....	.....	1,755	132	.....	6	92
	Total....	6	2,001	55.2	.188	10.14	.....	.....	1,771	132	.....	6	92
Other States....	Piece....	2	9	59.6	.228	13.64	.....	.....	.....	.....	2	7	.....
	Time....	2	843	59.7	.160	9.79	.....	16	.....	2	276	519	30
	Total....	2	852	59.7	.161	9.89	.....	16	.....	2	278	526	30
All States.....	Piece....	3	74	55.3	.218	12.08	.....	.....	57	.....	2	15	.....
	Time....	26	7,517	56.9	.172	9.64	* 64	64	3,782	597	952	1,719	339
	Total....	26	7,591	56.9	.172	9.66	* 64	64	3,839	597	954	1,734	339

OTHER EMPLOYEES: Female.

Connecticut....	Piece....	1	1	55.0	\$9.148	\$8.14				1			
	Time....	2	131	55.0	.117	6.41				131			
	Total....	2	132	55.0	.117	6.42				132			
Massachusetts..	Piece....	2	137	54.0	.168	9.08			137				
	Time....	5	599	53.8	.124	6.65	* 10	24	565				
	Total....	5	736	53.8	.132	7.10	* 10	24	702				
New Hampshire	Time....	2	20	55.0	.133	7.35				20			
New Jersey.....	Piece....	1	4	60.0	.104	6.24						4	
	Time....	2	72	60.0	.092	5.40						72	
	Total....	2	76	60.0	.092	5.53						76	
New York.....	Piece....	2	191	54.0	.164	8.86			191				
	Time....	2	133	54.0	.128	6.92		6	127				
	Total....	2	324	54.0	.149	8.06		6	318				
Rhode Island...	Piece....	4	40	54.0	.141	7.60			40				
	Time....	6	374	54.0	.152	8.21			374				
	Total....	6	414	54.0	.151	8.15			414				
Other States....	Piece....	2	54	55.6	.147	8.17			33		21		
	Time....	2	119	55.6	.117	6.48	1	9	53		56		
	Total....	2	173	55.6	.126	7.01	1	9	86		77		
All States.....	Piece....	12	427	54.3	.160	8.70			401	1	21	4	
	Time....	21	1,446	54.4	.128	6.99	* 11	39	1,119	151	56	72	
	Total....	21	1,875	54.4	.136	7.38	* 11	39	1,520	152	77	76	

* 48 hours.

* Including 9 employees whose full-time hours per week were 48 and 25 employees whose full-time hours per week were under 48.

* Including 39 employees whose full-time hours per week were 48 and 25 employees whose full-time hours per week were under 48.

* Under 48 hours.

* Including 10 employees whose full-time hours per week were under 48.

TABLE XIV.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS.

FINISHING—Continued.**CALENDERS: Male.**

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Connecticut.....	Time....	2	58	58.5	60.3	.....	1	3	10	.....	44
Massachusetts.....	do.....	4	62	56.5	59.1	.....	1	2	3	15	41
New York.....	do.....	2	23	57.8	57.6	1	.....	.....	9	4	8
Rhode Island.....	do.....	6	116	54.2	54.6	1	.....	6	21	32	56
Other States.....	do.....	2	41	58.9	53.9	.....	1	5	27	.....	8
Total.		16	299	56.4	56.8	2	3	16	70	51	157

ENGRAVERS: Male.

Connecticut.....	Time....	2	14	51.6	53.9	.....	.....	.....	10	4
Massachusetts.....	do.....	3	63	53.1	52.5	1	.....	3	62	2
Rhode Island.....	do.....	4	22	54.5	54.3	1	1	.....	2	18
Other States.....	do.....	1	5	53.0	64.7	.....	.....	.....	.....	5
Total.		10	109	53.2	53.6	2	1	.....	3	29

FOLDERS: Male.

Connecticut.....	Time....	2	13	58.5	60.4	.....	.....	1	2	1	9
Massachusetts.....	Piece....	3	52	54.0	47.6	.....	.....	5	30	10	7
	Time....	2	12	57.7	72.2	.....	.....	.....	.....	.....	13
	Total.	4	64	54.7	52.2	.....	.....	5	30	10	19
New York.....	Piece....	1	7	54.0	44.9	.....	.....	.....	7	.....	.....
	Time....	1	23	60.0	70.3	.....	.....	.....	2	1	19
	Total.	2	29	58.6	64.2	.....	.....	.....	9	1	19
Rhode Island.....	Time....	6	99	54.2	49.9	.....	1	9	50	28	11
Other States.....	Piece....	1	10	58.0	55.2	.....	.....	.....	7	3	.....
	Time....	2	7	59.7	52.2	.....	.....	.....	6	1	.....
	Total.	2	17	58.7	53.9	.....	.....	.....	13	4	.....
All States.....	Piece....	5	69	54.6	48.4	.....	.....	5	44	13	7
	Time....	13	153	55.9	55.6	.....	1	10	60	31	51
	Total.	16	222	55.5	53.4	.....	1	15	104	44	58

KNOTTERS: Female.

Connecticut.....	Time....	2	13	55.0	54.8	.....	.....	.....	3	10	.....
Massachusetts.....	Piece....	2	29	54.0	42.5	.....	.....	3	25	1	.....
	Time....	4	55	54.0	51.1	1	1	.....	13	40	.....
	Total.	4	84	54.0	48.1	1	1	3	38	41	.....
New York.....	Piece....	1	7	54.0	41.3	.....	.....	3	4	.....	.....
	Time....	1	15	54.0	53.0	.....	.....	1	.....	14	.....
	Total.	2	22	54.0	49.3	.....	.....	4	4	14	.....
Rhode Island.....	Piece....	1	14	54.0	53.5	.....	.....	.....	2	10	2
	Time....	5	96	54.0	47.5	1	1	11	58	25	.....
	Total.	6	110	54.0	48.3	1	1	11	60	35	2
Other States.....	Time....	2	23	58.5	49.8	.....	.....	3	20	.....	.....
All States.....	Piece....	4	50	54.0	45.4	.....	.....	6	31	11	2
	Time....	14	202	54.6	49.6	2	2	15	94	89	.....
	Total.	16	252	54.5	48.8	2	2	21	125	100	2

TABLE XIV.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS.—Contd.

FINISHING—Continued.

LABORERS, BLEACH HOUSE: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Connecticut.....	Time....	2	102	57.2	53.6	.....	2	27	16	7	50
Massachusetts.....	do.....	3	210	56.0	55.3	1	2	9	92	15	91
New York.....	do.....	2	72	58.3	58.0	1	2	.....	28	1	40
Rhode Island.....	do.....	6	257	54.2	51.1	4	2	30	95	44	82
Other States.....	do.....	2	73	58.7	50.6	.....	3	11	51	1	7
Total.		15	714	56.0	53.3	6	11	77	282	68	270

LABORERS, COLOR MIXING: Male.

Connecticut.....	Time....	2	52	57.5	58.0	.....	.....	2	3	1	46
Massachusetts.....	do.....	3	152	56.1	56.9	2	2	8	37	4	99
Rhode Island.....	do.....	4	51	54.2	59.9	.....	1	3	13	2	32
Other States.....	do.....	2	36	59.2	64.4	1	1	2	14	1	17
Total.		11	291	56.4	60.3	3	4	15	67	8	194

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	3	89	57.5	50.8	.....	1	12	56	.....	20
Massachusetts.....	do.....	9	469	55.1	56.1	3	5	15	126	68	252
Rhode Island.....	do.....	4	95	54.0	52.6	.....	1	7	36	17	34
Other States.....	do.....	6	98	58.4	57.1	1	3	7	30	12	45
Total.		22	751	55.7	55.2	4	10	41	248	97	351

PRINTERS: Male.

Connecticut.....	Time....	2	19	55.0	63.2	.....	.....	1	.....	.....	18
Massachusetts.....	do.....	3	81	56.1	55.3	.....	.....	1	32	9	89
Rhode Island.....	do.....	4	33	54.2	61.3	.....	.....	.....	4	17	12
Other States.....	do.....	2	10	55.9	61.9	.....	.....	.....	3	.....	7
Total.		11	143	55.5	58.2	.....	.....	2	39	26	76

OTHER EMPLOYEES: Male.

Connecticut.....	Time....	3	776	57.6	63.4	10	11	38	100	34	583
Maine.....	Piece....	1	2	58.0	57.5	.....	.....	.....	1	1	.....
	Time....	1	292	59.0	55.4	2	8	25	107	66	84
Total.		1	294	59.0	55.4	2	8	25	108	67	84
Massachusetts.....	Piece....	3	28	54.0	51.0	.....	.....	4	10	10	4
	Time....	8	2,660	55.9	56.7	22	42	144	561	608	1,283
Total.		8	2,688	55.9	56.7	22	42	148	571	618	1,287
New Jersey.....	Time....	1	131	62.0	59.1	.....	1	13	62	20	35
New York.....	Piece....	2	21	56.3	42.8	1	2	3	15	.....	.....
	Time....	2	782	59.0	62.5	8	9	34	166	149	416
Total.		2	803	58.9	62.0	9	11	37	181	149	416

TABLE XIV.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: ONE-WEEK PAY ROLLS—Continued.

FINISHING—Continued.

OTHER EMPLOYEES: Male—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Rhode Island.....	Piece....	1	16	54.0	50.2	.....	.....	.....	15	.....	1
	Time....	6	1,985	55.2	55.2	20	43	138	457	510	817
	Total.	6	2,001	55.2	55.2	20	43	138	472	510	818
Other States.....	Time....	1	3	55.0	62.7	.....	.....	.....	.....	1	2
All States.....	Piece....	7	67	54.8	48.4	1	2	7	41	11	5
	Time....	22	6,629	56.5	57.7	62	114	392	1,453	1,388	3,220
	Total.	22	6,696	56.5	57.6	63	116	399	1,494	1,399	3,225

OTHER EMPLOYEES: Female.

Connecticut.....	Piece....	1	1	55.0	55.0	.....	.....	.....	1	.....	.....
	Time....	2	131	55.0	50.4	2	2	16	31	80	.....
	Total.	2	132	55.0	50.4	2	2	16	31	81	.....
Maine.....	Piece....	1	21	58.0	51.9	.....	.....	.....	21	.....	.....
	Time....	1	56	58.0	52.7	.....	.....	4	40	12	.....
	Total.	1	77	58.0	52.4	.....	.....	4	61	12	.....
Massachusetts.....	Piece....	2	137	54.0	48.4	.....	3	7	67	60	.....
	Time....	5	599	53.8	49.4	3	20	47	170	359	.....
	Total.	5	736	53.8	49.2	3	23	54	237	419	.....
New York.....	Piece....	2	191	54.0	45.1	3	4	24	111	49	.....
	Time....	2	133	54.0	46.9	3	5	7	14	103	1
	Total.	2	324	54.0	45.9	6	9	31	125	152	1
Rhode Island.....	Piece....	4	40	54.0	49.9	.....	1	2	18	19	.....
	Time....	6	374	54.0	47.9	8	5	41	179	128	13
	Total.	6	414	54.0	48.1	8	6	43	197	147	13
Other States.....	Piece....	1	4	60.0	57.3	.....	.....	1	1	3	.....
	Time....	1	14	60.0	48.2	.....	1	2	11	.....	.....
	Total.	1	18	60.0	50.2	.....	1	2	12	3	.....
All States.....	Piece....	11	394	54.3	47.3	3	8	33	218	132	.....
	Time....	17	1,307	54.2	48.9	16	33	117	445	682	14
	Total.	17	1,701	54.2	48.5	19	41	150	663	814	14

TABLE XIV.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914: TWO-WEEK PAY ROLLS—Concluded.

FINISHING—Concluded.**CALENDREERS: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.
Total.....	Time....	3	60	116.5	110.4	1	3	1	30	7	18

FOLDERS: Male.

Total.....	Time....	3	33	113.5	98.1		5	5	19	5	1
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KNOTTERS: Female.

Total.....	Time....	3	30	111.5	97.3		1	1	20	8	
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LABORERS, BLEACH HOUSE: Male.

Total.....	Time....	3	71	116.5	108.6	2	4	2	30	2	31
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LABORERS, DYEHOUSE: Male.

Total.....	Time....	6	417	112.3	111.0	13	7	21	50	145	181
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OTHER EMPLOYEES: Male.

Total.....	Piece.....	1	7	120.0	102.6		1	1		4	1
	Time.....	4	888	119.3	116.7	7	27	45	309	156	344
	Total.	4	895	119.3	116.6	7	28	46	309	160	345

OTHER EMPLOYEES: Female.

Total.....	Piece.....	1	33	108.0	89.7	1	1	6	17	8	.....
	Time.....	4	141	112.8	93.2	3	12	16	66	44	.....
	Total.	4	174	111.9	92.5	4	13	22	83	52	.....

WOOLEN AND WORSTED GOODS MANUFACTURING.

SUMMARY.

There was no change in the full-time weekly earnings of employees in woolen and worsted mills in 1914 as compared with 1913. They were 2 per cent lower in 1914 than in 1912, and 9 per cent higher than in 1911 and 1910.

Regular full-time hours per week were 2 per cent lower in 1914 than in 1913 and 1912, 4 per cent lower than in 1911, and 3 per cent lower than in 1910.

The average rate of wages per hour in 1914 was 2 per cent higher than in 1913, 1 per cent higher than in 1912, and 14 per cent higher than in 1911 and 1910. The reduction in hours between 1913 and 1914 balanced the increased average hourly rates, leaving the average weekly earnings the same.

The salient facts concerning the several occupations included in this report are summarized in the following table. In this table direct comparisons can be made between the data for different years only when the data are from identical establishments. The comparable data for different years are grouped together.

AVERAGE AND CLASSIFIED FULL-TIME HOURS OF WORK PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914.

[The figures opposite each group of years are for identical establishments.]

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54 or under.	Over 54 and under 57.	57 and under 60.	60 and over.		Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 cts. and over.	
Burlers, female:													
18 establishments.....	1907	611	58.3	.....	9	61	30	\$0.122	16	49	18	19	(1)
	1908	494	58.0	.....	12	69	19	.116	13	52	23	13	(1)
	1909	582	58.0	.....	13	68	20	.123	14	45	18	23	(1)
	1910	598	56.9	.....	68	16	17	.124	9	48	19	25	(1)
26 establishments.....	1910	1,034	56.5	.....	81	9	10	.130	8	35	27	30	\$7.33
	1911	1,010	56.6	.....	79	8	13	.127	11	34	32	25	7.20
43 establishments.....	1911	1,516	56.8	.....	65	27	9	.130	11	31	28	29	7.36
	1912	1,471	55.9	48	17	23	7	.147	4	10	44	43	8.22
44 establishments.....	1912	1,562	55.9	46	17	30	7	.145	5	12	42	41	8.25
	1913	1,635	55.6	45	28	24	2	.146	3	14	39	44	8.13
44 establishments.....	1913	1,643	55.6	52	20	26	2	.146	3	15	38	44	8.14
	1914	1,755	54.6	55	40	5	.....	.154	2	14	32	51	8.41

AVERAGE AND CLASSIFIED FULL-TIME HOURS OF WORK PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54 or under.	Over 54 and under 57	57 and under 60	60 and over.		Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 cts. and over.	
Carding machine tenders, male:													
19 establishments.....	1907	145	58.6	.....	9	48	43	\$0.126	10	19	55	17	(1)
	1908	136	58.6	.....	10	47	43	.121	11	25	51	14	(1)
	1909	134	58.4	.....	10	55	35	.124	7	23	54	16	(1)
	1910	133	57.3	.....	52	26	22	.125	5	29	49	18	(1)
26 establishments.....	1910	201	56.9	.....	66	20	14	.127	2	24	49	23	\$7.25
	1911	196	56.9	.....	68	18	14	.141	3	31	42	24	8.02
40 establishments.....	1911	320	57.1	.....	55	35	10	.136	3	36	38	24	7.73
	1912	412	56.4	36	18	33	13	.135	(*)	18	41	40	7.64
	1913	329	56.3	32	24	36	8	.142	1	7	32	60	8.01
38 establishments.....	1913	333	56.5	30	22	38	10	.144	1	6	31	62	8.11
	1914	371	55.9	49	17	19	15	.147	.....	3	40	57	8.20
Combers, female:													
4 establishments.....	1907	101	55.7	.....	78	18	4	.099	59	24	8	10	(1)
	1908	117	55.8	.....	78	17	5	.099	57	27	16	.....	(1)
	1909	111	55.8	.....	77	20	4	.102	42	38	20	.....	(1)
	1910	110	55.4	.....	96	.....	4	.110	22	60	.....	18	(1)
6 establishments.....	1910	129	55.5	.....	97	.....	3	.111	25	53	6	16	6.13
	1911	118	55.4	.....	97	.....	3	.109	12	76	9	3	6.02
7 establishments.....	1911	139	55.8	.....	82	15	3	.109	10	80	8	2	6.10
	1912	150	55.8	.....	82	13	5	.116	9	66	15	10	6.47
	1913	163	56.1	1	75	15	8	.117	9	53	30	9	6.57
6 establishments.....	1913	161	56.1	.....	76	16	8	.117	9	53	30	8	6.56
	1914	162	54.7	25	75	.....	.....	.119	13	43	13	26	6.53
Twisters, female:													
7 establishments.....	1907	186	57.2	.....	42	36	22	.112	10	65	18	7	(1)
	1908	138	57.6	.....	32	41	28	.114	3	54	38	4	(1)
	1909	223	58.0	.....	22	42	36	.112	7	55	31	6	(1)
	1910	216	57.2	.....	56	13	31	.114	13	46	31	9	(1)
10 establishments.....	1910	332	56.9	.....	68	9	23	.126	9	47	27	18	7.16
	1911	342	56.8	.....	75	.....	25	.124	(*)	43	44	13	7.03
12 establishments.....	1911	600	56.7	.....	76	10	14	.131	1	32	27	41	7.40
	1912	751	55.7	51	28	5	16	.137	1	22	23	54	7.62
	1913	598	55.4	45	38	8	9	.135	1	12	47	40	7.50
11 establishments.....	1913	578	55.5	43	41	8	9	.136	1	12	46	41	7.55
	1914	884	54.3	74	26	.....	.....	.144	(*)	19	18	62	7.80
Combers, male:													
4 establishments.....	1907	52	58.5	.....	.....	75	25	.133	.....	69	29	.....	(1)
	1908	29	58.6	.....	.....	72	28	.131	.....	72	24	3	(1)
	1909	29	58.6	.....	.....	72	28	.137	.....	66	34	.....	(1)
	1910	42	57.2	.....	69	.....	31	.140	.....	33	67	.....	(1)
6 establishments.....	1910	106	56.5	.....	88	.....	12	.139	.....	55	45	.....	7.87
	1911	124	56.5	.....	87	.....	13	.138	1	60	40	.....	7.82
9 establishments.....	1911	188	56.5	.....	82	10	9	.141	6	57	27	10	7.94
	1912	181	55.1	72	8	12	8	.156	.....	11	64	25	8.56
	1913	115	54.8	77	6	17	.....	.156	.....	8	55	38	8.51
5 establishments.....	1913	112	54.8	79	4	17	.....	.156	.....	7	55	38	8.52
	1914	215	55.5	68	8	.....	24	.162	.....	(*)	54	45	9.01

* Not computed.

* Less than 1 per cent.

AVERAGE AND CLASSIFIED FULL-TIME HOURS OF WORK PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54 or under.	Over 54 and under 57	57 and under 60	60 and over.		Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 cts. and over.	
Spinners, frame, male:													
2 establishments.....	1910	114	56.0	.....	100	.....	.....	\$0.125	58	26	15	1	\$7.01
	1911	134	56.0	.....	100	.....	.....	.129	38	36	24	1	7.21
3 establishments.....	1911	194	56.0	.....	100	.....	.....	.132	30	33	36	1	7.37
	1912	244	54.0	100	.....	.....	.....	.158	3	83	14	.....	8.53
	1913	115	54.0	100	.....	.....	.....	.136	1	75	24	.....	7.33
3 establishments.....	1913	115	54.0	100	.....	.....	.....	.136	1	75	24	.....	7.33
	1914	282	53.9	100	.....	.....	.....	.145	3	36	57	4	7.80
Spinners, frame, female:													
5 establishments.....	1907	323	57.6	.....	15	79	5	.127	41	24	36	.....	(1)
	1908	284	57.5	.....	21	73	6	.122	34	65	.....	.....	(1)
	1909	295	57.5	.....	20	75	4	.124	23	77	.....	.....	(1)
	1910	286	56.0	.....	94	.....	6	.128	19	67	14	.....	(1)
8 establishments.....	1910	578	56.0	.....	97	.....	3	.122	53	41	7	.....	6.85
	1911	683	56.0	.....	98	.....	2	.127	31	58	11	(2)	7.17
10 establishments.....	1911	1,002	56.4	.....	80	19	1	.126	40	47	13	(3)	7.07
	1912	1,070	55.2	53	32	14	1	.144	4	34	53	8	7.92
	1913	751	55.5	43	34	23	.....	.140	2	42	54	2	7.78
9 establishments.....	1913	742	55.5	43	34	23	.....	.140	2	41	54	2	7.79
	1914	970	54.2	75	25	.....	.....	.147	1	28	54	17	7.95
									Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 cts. and over.	
Menders, female:													
18 establishments.....	1907	403	58.5	.....	14	39	47	.145	24	50	17	9	(1)
	1908	341	58.4	.....	18	33	49	.148	30	35	21	13	(1)
	1909	583	58.8	.....	13	31	57	.137	45	29	15	12	(1)
	1910	496	58.0	.....	34	23	43	.148	37	28	22	13	(1)
25 establishments.....	1910	1,196	56.8	.....	73	10	18	.160	25	23	33	19	8.41
	1911	1,115	56.9	.....	72	7	21	.159	22	28	35	14	9.05
44 establishments.....	1911	1,623	56.8	.....	72	14	15	.160	21	31	34	13	9.07
	1912	1,668	55.7	53	20	14	12	.189	9	20	28	43	10.50
42 establishments.....	1912	1,589	55.6	56	20	11	13	.193	6	19	30	46	10.71
	1913	1,388	55.3	57	23	16	4	.183	7	24	33	35	10.11
42 establishments.....	1913	1,363	55.4	55	23	18	4	.181	7	25	34	34	10.02
	1914	1,494	54.4	83	8	9	.....	.195	4	22	25	49	10.56
									Under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 cts. and over.	
Card strippers, male:													
18 establishments.....	1907	89	58.2	.....	19	43	38	.145	37	45	18	.....	(1)
	1908	79	58.1	.....	19	49	32	.145	40	46	13	1	(1)
	1909	80	58.1	.....	16	53	31	.151	29	43	24	5	(1)
	1910	88	57.7	.....	36	34	30	.151	27	47	20	6	(1)
27 establishments.....	1910	162	57.0	.....	64	20	16	.153	16	57	23	5	8.69
	1911	155	56.9	.....	65	21	15	.153	13	59	22	6	8.71
42 establishments.....	1911	223	57.1	.....	52	37	11	.151	19	57	21	3	8.62
	1912	240	56.9	29	15	39	17	.163	2	33	57	8	9.29
	1913	238	56.4	29	24	43	4	.167	.....	22	61	17	9.41
42 establishments.....	1913	236	56.5	27	23	45	5	.168	.....	21	60	18	9.46
	1914	245	55.7	49	21	20	10	.169	2	12	73	13	9.42

¹ Not computed.² Less than 1 per cent.

AVERAGE AND CLASSIFIED FULL-TIME HOURS OF WORK PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54 or under.	Over 54 and under 57	57 and under 60	60 and over.		Under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 cts. and over.	
Laborers, dyehouse, male: 19 establishments.....	1907	434	58.1	.....	12	65	23	\$0.144	41	55	4	(1)	(2)
	1908	385	57.8	.....	16	68	16	.140	71	24	4	(1)	(2)
	1909	514	57.9	.....	16	68	21	.137	71	23	5	(2)	(2)
	1910	570	56.5	.....	78	12	10	.142	35	59	5	1	(2)
	1910	837	56.3	.....	85	9	7	.143	36	52	11	1	\$8.06
	1911	877	56.5	.....	82	7	11	.145	30	50	10	1	8.16
	1911	1,116	56.6	.....	74	17	9	.145	32	51	15	1	8.22
	1912	1,093	55.5	51	25	17	7	.157	7	62	28	3	8.72
	1913	1,033	55.5	46	29	22	2	.159	5	61	27	6	8.81
	1913	1,041	55.6	45	29	24	3	.159	5	61	28	6	8.84
	1914	1,415	54.8	70	18	7	6	.160	8	54	27	10	8.74
										14 and under 18 cts.	18 and under 25 cts.	25 cts. and over.	
Weavers, male: 19 establishments.....	1907	1,653	58.5	.....	11	45	44	.203	10	22	53	15	(2)
	1908	1,409	58.6	.....	3	60	37	.196	11	28	50	12	(2)
	1909	1,589	58.6	.....	3	63	34	.199	12	25	47	15	(2)
	1910	1,716	57.8	.....	41	27	32	.199	6	27	56	11	(2)
	1910	2,907	57.1	.....	65	17	19	.207	6	24	52	18	11.79
	1911	2,563	57.1	.....	64	14	21	.210	7	24	48	22	11.97
	1911	4,049	57.1	.....	60	25	14	.210	7	22	50	21	11.97
	1912	4,476	56.3	33	28	24	15	.237	3	13	45	39	13.30
	1913	3,845	56.1	32	32	32	5	.232	3	14	45	36	13.03
	1913	3,834	56.3	28	32	34	6	.232	3	14	45	36	13.06
	1914	4,312	55.2	61	20	11	8	.238	3	11	44	41	13.10
	1907	1,873	58.0	.....	15	63	22	.188	13	28	53	7	(2)
	1908	1,882	57.7	.....	18	70	12	.166	25	41	33	1	(2)
	1909	1,807	57.6	.....	22	65	13	.166	29	37	31	3	(2)
	1910	2,116	56.4	.....	80	8	12	.174	21	32	43	3	(2)
	1910	2,855	56.3	.....	84	7	9	.180	19	31	44	6	10.14
	1911	2,366	56.4	.....	81	6	12	.178	20	34	40	6	10.06
Weavers, female: 19 establishments.....	1911	3,384	56.8	.....	63	28	9	.184	21	32	38	7	10.47
	1912	3,586	55.9	39	28	25	8	.206	10	23	49	19	11.48
	1913	3,481	55.9	31	32	35	2	.197	13	27	45	15	11.00
	1913	3,493	56.0	30	32	36	2	.197	12	27	45	15	11.03
	1914	3,789	54.8	53	39	8	.....	.202	12	22	46	19	11.06
										Under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.
Dressers, male: 19 establishments.....	1907	119	58.8	.....	5	48	47	.224	4	6	81	9	(2)
	1908	97	58.4	.....	7	62	31	.225	2	10	74	13	(2)
	1909	126	58.3	.....	13	52	34	.224	10	2	74	15	(2)
	1910	126	57.9	.....	36	29	35	.228	6	1	78	15	(2)
	1910	214	57.1	.....	61	18	21	.242	6	2	50	43	13.80
	1911	215	57.1	.....	63	16	20	.239	7	4	46	43	13.65
	1911	337	57.1	.....	58	28	14	.243	4	3	45	47	13.85
	1912	384	56.4	28	35	26	11	.262	.....	3	37	61	11.71
	1913	346	56.2	28	37	30	5	.261	2	2	35	62	14.66
	1913	347	56.3	26	37	30	7	.263	1	1	34	64	14.84
	1914	356	55.1	64	18	12	7	.274	1	1	25	73	15.00

¹ Less than 2 per cent.² Not computed.

AVERAGE AND CLASSIFIED FULL-TIME HOURS OF WORK PER WEEK AND RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, 1907 TO 1914—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.				Average full-time weekly earnings.
				54 or under.	Over 54 and under 57	57 and under 60	60 and over.		Under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 cts. and over.	
Spinners, mule, male:													
19 establishments.....	1907	384	58.6	.....	13	38	49	\$0.219	16	19	45	21	(¹)
	1908	267	58.2	.....	18	43	39	.215	19	18	37	26	(¹)
	1909	297	58.2	.....	16	47	37	.223	18	16	34	32	(¹)
	1910	320	57.5	.....	38	40	22	.223	11	18	41	29	(¹)
26 establishments.....	1910	529	57.0	.....	61	26	13	.224	10	15	47	27	\$12.75
	1911	454	56.9	.....	63	22	15	.231	8	12	47	34	13.16
40 establishments.....	1911	638	57.3	.....	49	38	13	.224	11	15	53	21	12.81
	1912	719	56.5	35	15	38	11	.240	6	10	42	42	13.56
	1913	759	56.4	34	17	42	7	.238	11	10	39	39	13.39
42 establishments.....	1913	828	56.5	30	21	41	8	.239	10	10	38	41	13.45
	1914	856	55.8	50	18	19	13	.252	5	8	39	48	14.03
									Under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Loom fixers, male:													
19 establishments.....	1907	223	58.0	.....	14	63	23	.267	1	23	70	6	(¹)
	1908	218	57.9	.....	15	60	16	.262	1	22	72	5	(¹)
	1909	242	58.1	.....	12	66	22	.263	2	17	77	5	(¹)
	1910	260	57.0	.....	66	13	20	.270	2	10	82	6	(¹)
27 establishments.....	1910	429	56.6	.....	79	9	12	.279	1	6	76	17	15.76
	1911	390	56.6	.....	79	9	11	.278	1	6	77	15	15.70
46 establishments.....	1911	569	56.7	.....	68	24	8	.275	1	17	63	20	15.59
	1912	589	55.9	38	32	21	9	.308	.....	8	50	43	17.13
	1913	578	55.7	40	31	25	3	.298	(²)	9	54	36	16.56
47 establishments.....	1913	581	55.8	39	31	26	4	.297	(²)	9	56	35	16.55
	1914	642	55.0	60	27	7	6	.313	.....	6	45	49	17.22
Wool sorters, male:													
11 establishments.....	1907	184	58.0	.....	9	79	12	.233	16	45	39	2	(¹)
	1908	184	57.8	.....	13	78	9	.223	23	68	10	.....	(¹)
	1909	186	57.9	.....	8	84	8	.239	5	63	33	.....	(¹)
	1910	193	56.5	.....	84	5	11	.246	9	24	65	3	(¹)
18 establishments.....	1910	289	56.3	.....	88	4	8	.247	7	22	69	2	13.86
	1911	335	56.3	.....	89	4	7	.249	4	23	73	1	14.03
19 establishments.....	1911	444	56.4	.....	83	12	5	.241	12	29	58	1	13.54
	1912	471	55.2	61	21	14	3	.267	4	17	73	5	14.72
	1913	246	55.0	65	21	14	.....	.281	2	5	78	14	15.43
14 establishments.....	1913	246	55.0	65	21	14	.....	.281	2	5	78	14	15.42
	1914	372	54.2	83	17	1	.....	.276	7	12	61	21	14.96

¹ Not computed.² Less than 1 per cent.

In 1914 the average full-time weekly earnings of males, represented by 10 occupations, varied from \$7.80 for frame spinners to \$17.22 for loom fixers. The average earnings of females, represented by six occupations, ranged from \$6.53 for combers to \$11.06 for weavers.

The full-time hours per week in the selected occupations varied in the different establishments from 45½ to 62½, the average being nearly 55. The hours of some men, included in "Other employees," were much longer, being in the case of a few watchmen as high as 91 per week.

Referring to the last column of the table it is seen that in 43 establishments the full-time weekly earnings of burlers increased from \$7.36 in 1911 to \$8.22 in 1912. In 44 establishments there was a decrease from \$8.25 in 1912 to \$8.13 in 1913. It would not be a proper comparison, however, to state that weekly earnings had increased from \$7.36 in 1911 to \$8.13 in 1913, because of the change in the number of establishments and of the difference in the average for 1912 in the two groups of establishments.

Owing to the changes in the number of establishments from year to year, and the consequent difference in the averages for the two groups of establishments in the same year, it is difficult to make comparisons of the actual data over a period of several years which will give an accurate measure of the changes throughout the period.

To aid in making such comparisons relative or index numbers have been computed from the averages of the preceding table for full-time hours per week, rates of wages per hour, and full-time weekly earnings, for each occupation for the years 1910 to 1914, inclusive. These relatives are simply percentages in which the figures for 1914 are taken as the base, or 100 per cent. The relative for each year is the per cent that the average for that year is of the average for 1914, as determined by the method explained on page 15. These relatives are shown in the following table. For example, the relative full-time weekly earnings of burlers in 1910 was 90 as compared with 100 in the year 1914; that is, the weekly earnings of burlers in 1910 were 90 per cent of the weekly earnings in 1914.

The table also shows for each occupation the per cent of increase or decrease in full-time hours per week, rates of wages per hour, and full-time weekly earnings in 1914 as compared with each specified year preceding and the change in each specified year as compared with the year immediately preceding. Thus the full-time weekly earnings of burlers in 1914 were 11 per cent higher than in 1910, 14 per cent higher than in 1911, 2 per cent higher than in 1912, and 3 per cent higher than in 1913. On the other hand, the earnings of burlers were 2 per cent lower in 1911 than in 1910, 11 per cent higher in 1912 than in 1911, and so on.

The index numbers and percentages for the industry as a whole appear at the end of the table.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND THE INDUSTRY.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Burlers, female:									
1910.....	104	-4		85	+18		90	+11	
1911.....	104	-4	(1)	83	+20	-2	88	+14	-2
1912.....	102	-2	-2	94	+6	+13	98	+2	+11
1913.....	102	-2	(1)	95	+5	+1	97	+3	-1
1914.....	100		-2	100		+5	100		+3
Carding-machine tenders, male:									
1910.....	103	-3		85	+18		86	+16	
1911.....	103	-3	(1)	94	+6	+11	95	+5	+10
1912.....	101	-1	-2	93	+8	-1	94	+6	-1
1913.....	104	-1	(1)	96	+2	+5	99	+1	+5
1914.....	100		-1	100		+2	100		+1
Card strippers, male:									
1910.....	103	-3		90	+11		92	+9	
1911.....	103	-3	(1)	90	+11	(1)	92	+9	(1)
1912.....	102	-2	-1	97	+3	+8	99	+1	+8
1913.....	101	-1	-1	99	+1	+2	100	(1)	+1
1914.....	100		-1	100		+1	100		(1)
Combers, male:									
1910.....	102	-2		88	+14		89	+12	
1911.....	102	-2	(1)	87	+15	-1	88	+14	-1
1912.....	99	+1	-3	96	+4	+10	95	+5	+8
1913.....	99	+1	(1)	96	+4	(1)	95	+5	(1)
1914.....	100		+1	100		+4	100		+5
Combers, female:									
1910.....	102	-2		93	+8		100	(1)	
1911.....	102	-2	(1)	92	+9	-1	98	+2	-2
1912.....	102	-2	(1)	97	+3	+5	104	-4	+6
1913.....	103	-3	+1	98	+2	+1	100	-6	+2
1914.....	100		-3	100		+2	100		-6
Dressers, male:									
1910.....	104	-4		91	+10		94	+6	
1911.....	104	-4	(1)	89	+12	-2	93	+8	-1
1912.....	103	-3	-1	96	+4	+8	99	+1	+6
1913.....	102	-2	-1	96	+4	(1)	98	+2	-1
1914.....	100		-2	100		+4	100		+2
Laborers, dyehouse, male:									
1910.....	103	-3		89	+12		93	+8	
1911.....	104	-4	+1	91	+10	+2	94	+6	+1
1912.....	101	-1	-3	95	+2	+8	100	(1)	+6
1913.....	101	-1	(1)	98	+1	+1	104	-1	+1
1914.....	100		-1	100		+1	100		-1
Loom fixers, male:									
1910.....	103	-3		88	+14		91	+10	
1911.....	103	-3	(1)	88	+14	(1)	90	+11	-1
1912.....	102	-2	-1	95	+2	+11	99	+1	+10
1913.....	101	-1	-1	95	+5	-3	96	+4	-2
1914.....	100		-1	100		+5	100		+4
Menders, female:									
1910.....	104	-4		83	+20		81	+23	
1911.....	104	-4	(1)	83	+20	(1)	87	+15	+7
1912.....	102	-2	-2	96	+2	+18	101	-1	+16
1913.....	102	-2	(1)	93	+8	-5	95	+5	-6
1914.....	100		-2	100		+8	100		+5
Spinners, frame, male:									
1910.....	104	-4		88	+14		92	+9	
1911.....	104	-4	(1)	91	+10	+3	95	+5	+3
1912.....	100	(1)	-4	109	-8	+20	109	-8	+15
1913.....	100	(1)	(1)	94	+6	-14	94	+6	-14
1914.....	100		(1)	100		+6	100		+6

¹ No change.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND THE INDUSTRY—Concluded.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (—) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (—) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (—) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Spinners, frame, female:									
1910.....	104	-4		82	+22		85	+18	
1911.....	104	-4	(1)	86	+16	+ 5	89	+12	+ 5
1912.....	102	-2	-2	92	+ 2	+14	100	(1)	+12
1913.....	102	-2	(1)	95	+ 5	- 3	98	+ 2	- 2
1914.....	100		-2	100		+ 5	100		+ 2
Spinners, mule, male:									
1910.....	103	-3		86	+16		89	+12	
1911.....	103	-3	(1)	89	+12	+ 3	92	+ 9	+ 3
1912.....	101	-1	-2	96	+ 4	+ 8	97	+ 3	+ 5
1913.....	101	-1	(1)	95	+ 5	- 1	96	+ 4	- 1
1914.....	100		-1	100		+ 5	100		+ 4
Twisters, female:									
1910.....	105	-5		93	+ 8		97	+ 3	
1911.....	105	-5	(1)	92	+ 9	- 1	96	+ 4	- 1
1912.....	103	-3	-2	96	+ 4	+ 4	98	+ 2	+ 2
1913.....	102	-2	-1	94	+ 6	- 2	97	+ 3	- 1
1914.....	100		-2	100		+ 6	100		+ 3
Weavers, male:									
1910.....	104	-4		87	+15		90	+11	
1911.....	104	-4	(1)	88	+14	+ 1	92	+ 9	+ 2
1912.....	102	-2	-2	100	(1)	+14	102	- 2	+11
1913.....	102	-2	(1)	97	+ 3	- 3	100	(1)	- 7
1914.....	100		-2	100		+ 3	100		(1)
Weavers, female:									
1910.....	104	-4		92	+ 9		96	+ 4	
1911.....	104	-4	(1)	91	+10	- 1	95	+ 5	- 1
1912.....	102	-2	-2	102	- 2	+12	104	- 4	+ 9
1913.....	102	-2	(1)	98	+ 2	- 4	100	(1)	- 4
1914.....	100		-2	100		+ 2	100		(1)
Wool sorters, male:									
1910.....	104	-4		87	+15		89	+12	
1911.....	104	-4	(1)	87	+15	(1)	90	+11	+ 1
1912.....	102	-2	-2	97	+ 3	+11	98	+ 2	+ 9
1913.....	101	-1	-1	102	- 2	+ 5	103	- 3	+ 5
1914.....	100		-1	100		- 2	100		- 3
The industry:									
1910.....	103	-3		88	+14		92	+ 9	
1911.....	104	-4	+1	88	+14	(1)	92	+ 9	(1)
1912.....	102	-2	-2	99	+ 1	+13	102	- 2	+11
1913.....	102	-2	(1)	98	+ 2	- 1	100	(1)	- 2
1914.....	100		-2	100		+ 2	100		(1)

¹ No change.

² No difference.

It will be observed that the general tendency is toward a reduction of hours and an increase in rates of wages per hour and of earnings per full week. On account of reduced hours the increase in the full-time weekly earnings is not so great as in the hourly rates. The relative hours per week indicate the changes in the hours of employees working full time, but as stated on page 6, do not reflect in any way the greater or less amount of work afforded.

For the reasons for computing the relatives with the data for 1914 as the base, see page 19.

FLUCTUATIONS IN EMPLOYMENT DURING YEAR.

For discussion of this subject, see page 8. In this industry data were obtained from 44 establishments covering the number of days the plant was in operation, the number of employees on the pay roll, and the amount of the pay roll for each week, for a year; also a statement of the number of days the plant was closed during the year, by causes.

The following table shows for the 44 establishments the average number of days the plants were in operation, the total number of employees, the total amount of pay rolls, and the average earnings per employee, each week during the year. Two columns of average days in operation are shown, the first being the average for all establishments, some of which may have been idle during an entire week, the second column showing the average for the establishments which were actually in operation part or all of the week. For example, the average days in operation of all the plants during the week ended July 19 was 2.8, while the average for the 22 plants actually in operation during part or all of that week was 5.6.

These average days are based on the running days of the several establishments regardless of the number of employees in each. The table also shows the percentages that the number of employees, amount of pay rolls, and earnings per employee, respectively, for each week, are of the averages for the year.

It will be observed that there was a decrease in the number of employees during the summer months. In the fall the number increased nearly to the number in April. During the winter of 1913-14 the number increased still more until at the end of March, 1914, the number employed was 19 per cent above the average for the preceding 12 months.

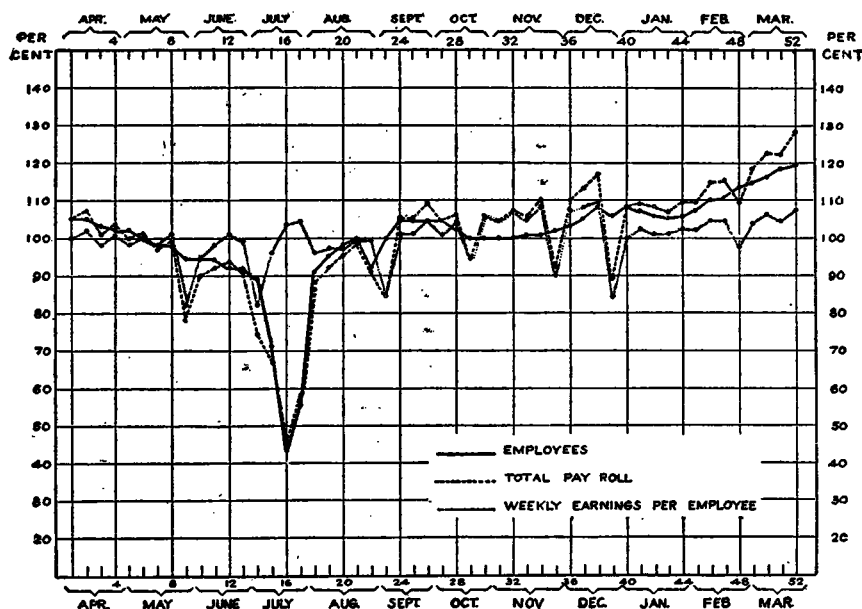
The totals of the pay roll followed very much the same trend, the last pay roll of March being 28 per cent above the average pay roll of the year.

AVERAGE DAYS ESTABLISHMENTS WERE IN OPERATION, EMPLOYEES, TOTAL PAY ROLLS, AND AVERAGE EARNINGS PER EMPLOYEE IN ONE WEEK, IN 44 ESTABLISHMENTS, FOR THE YEAR ENDING APPROXIMATELY MAR. 28, 1914, BY WEEKS.

One-week period ending approximately—	Average days in operation.			Employees.		Total pay rolls.		Average earnings per employee per week.	
	All establishments.	Establishments in operation.		Number.	Per cent of average for year.	Amount.	Per cent of average for year.	Amount.	Per cent of average for year.
		Number.	Average days in operation.						
1913.									
Apr. 5	5.7	43	5.8	32,169	105	\$303,886.53	105	\$9.45	100
12	5.7	44	5.7	32,162	105	308,775.91	107	9.60	102
19	5.5	44	5.5	31,524	103	291,790.56	101	9.26	98
26	5.6	44	5.6	31,458	102	299,388.74	103	9.52	101
May 3	5.7	44	5.7	31,475	102	290,235.12	100	9.22	98
10	5.7	44	5.7	30,739	100	290,921.54	101	9.46	100
17	5.7	44	5.7	30,225	98	279,703.62	97	9.25	98
24	5.6	44	5.6	29,781	97	282,549.72	98	9.49	101
31	4.2	44	4.2	28,977	94	224,579.59	78	7.75	82
June 7	5.4	44	5.4	28,983	94	260,264.40	90	8.98	95
14	5.5	44	5.5	28,784	94	265,280.76	92	9.22	98
21	5.5	44	5.5	28,379	92	269,199.36	93	9.49	101
28	5.5	44	5.5	28,192	92	264,259.45	91	9.37	99
July 5	4.2	44	4.2	27,406	89	212,737.67	74	7.76	82
12	4.2	33	5.6	21,869	71	197,951.88	68	9.05	96
19	2.8	22	5.6	13,057	43	126,850.44	44	9.72	103
26	3.9	31	5.5	17,274	56	168,814.95	58	9.77	104
Aug. 2	5.5	44	5.5	28,074	91	254,942.68	88	9.08	96
9	5.3	43	5.4	29,193	95	266,420.01	92	9.13	97
16	5.3	44	5.3	30,222	98	276,210.04	95	9.14	97
23	5.3	44	5.3	30,657	100	281,961.00	97	9.20	98
30	5.1	43	5.3	28,259	92	262,704.47	91	9.30	99
Sept. 6	4.6	43	4.7	30,846	100	243,271.62	84	7.89	84
13	5.5	44	5.5	31,840	104	303,241.18	105	9.52	101
20	5.4	44	5.4	32,073	104	304,020.59	105	9.48	101
27	5.5	44	5.5	32,011	104	315,066.00	109	9.84	104
Oct. 4	5.5	44	5.5	31,817	104	302,130.48	104	9.50	101
11	5.5	44	5.5	31,380	102	306,780.00	106	9.78	104
18	5.2	44	5.2	30,783	100	271,682.29	94	8.83	94
25	5.7	43	5.8	30,842	100	307,109.22	106	9.96	106
Nov. 1	5.6	44	5.6	30,755	100	300,472.23	104	9.77	104
8	5.6	44	5.6	30,610	100	308,305.14	107	10.07	107
15	5.7	44	5.7	31,062	101	307,918.98	106	9.91	105
22	5.7	44	5.7	31,124	101	317,820.46	110	10.21	108
29	4.7	44	4.7	31,329	102	264,862.14	92	8.45	90
Dec. 6	5.8	44	5.8	31,632	103	318,544.30	110	10.07	107
13	5.8	43	6.0	32,177	105	328,167.25	113	10.20	108
20	5.9	44	5.9	33,082	108	338,647.09	117	10.24	109
27	4.3	44	4.3	32,557	106	257,695.92	89	7.92	84
1914.									
Jan. 3	5.6	44	5.6	33,165	108	311,971.93	108	9.41	100
10	5.6	44	5.6	32,951	107	315,771.75	109	9.53	102
17	5.4	43	5.6	32,558	106	311,202.18	108	9.56	101
24	5.5	43	5.6	32,312	105	307,818.70	106	9.53	101
31	5.6	44	5.6	32,658	106	315,001.97	109	9.65	102
Feb. 7	5.8	44	5.8	32,873	107	316,125.93	109	9.62	102
14	5.8	44	5.8	33,678	110	328,697.06	114	9.76	104
21	5.7	44	5.7	34,022	111	332,214.53	115	9.76	104
28	5.5	44	5.5	34,577	113	314,611.78	109	9.10	97
Mar. 7	5.8	44	5.8	35,125	114	341,988.93	118	9.74	103
14	5.7	44	5.7	35,606	116	354,283.83	122	9.95	106
21	5.8	44	5.8	36,105	118	353,524.32	122	9.79	104
28	5.8	44	5.8	36,660	119	371,010.51	128	10.12	107
Average for year.	5.3	44	5.3	30,713	100	289,413.01	100	9.42	100

The accompanying graphic chart is based on the percentages of the above table and presents at a glance the trend of the items shown

FLUCTUATIONS IN NUMBER OF EMPLOYEES, TOTAL PAY ROLLS, AND WEEKLY EARNINGS PER EMPLOYEE.



The change in the volume of employment in the year ending with March, 1914, so far as this fact may be brought out by the pay rolls, is still further developed in the next table.

The table shows for 46 establishments the months during which the largest, smallest full-time, and smallest actual pay-roll periods occur, and the number of establishments closed down entirely for one or two weeks each month. It will be seen that the largest pay rolls and smallest full-time pay rolls, as well as the smallest actual pay rolls, are well distributed through the various months of the year. The largest pay roll of the year occurred in at least one establishment in each month, except two, and the smallest full-time pay roll occurred in at least two establishments in each month. Nearly half of the 46 establishments entering into this table shut down two weeks in July.

Attention is called to the fact that the same month may show a considerable number of both large and small pay rolls, because each pay-roll period covers only one week, so that it is possible for an establishment to have a very large and a very small pay roll in the same month.

NUMBER OF ESTABLISHMENTS HAVING LARGEST AND SMALLEST PAY ROLLS IN MONTHS SPECIFIED.

Month.	Number of establishments having—			Number of establishments closed down entirely for—	
	Largest pay roll in specified months.	Smallest actual pay roll in specified months. ¹	Smallest full-time pay roll in specified months.	One week.	Two weeks.
1913.					
April.....	13	2	2	1	
May.....	3	5	2		
June.....	3	1	4		
July.....	4	5	3		
August.....	1	9	4	2	22
September.....	3	6	2	1	
October.....	3	1	5		
November.....	3	4	5		
December.....	6	4	2		
1914.					
January.....	1	4	10	2	
February.....	3	1	5		
March.....	9	4	2		
Total.....	46	46	46	8	22

¹ Not including pay-roll periods during which factory was idle all the time.

The next table shows the number of days each of 45 establishments reporting was in operation during the year, and the number of days idle, by specified causes. It will be seen that aside from holidays and vacations, which are the result of custom or of an accepted policy of the establishment, the greater part of the days idle, an average of 19.3 days, was reported to be due to slack work. The total average days idle during the year was 32.1.

NUMBER OF DAYS ESTABLISHMENTS WERE IN OPERATION AND NUMBER OF DAYS IDLE, BY SPECIFIED CAUSES, DURING YEAR.

State, and establishment number.	Days in operation during year of 52 weeks.	Number of week days idle during year of 52 weeks on account of—				Total week days idle during year.
		Holidays and vacations.	Strikes or lock-outs.	Slack work.	Other causes.	
Connecticut:						
Establishment No. 1.....	234	5		73		78
Establishment No. 2.....	306	6				6
Establishment No. 3.....	307	5				5
Establishment No. 4.....	269	9		34		43
Establishment No. 5.....	307	5				5
Establishment No. 6.....	253	5		54		59
Maine:						
Establishment No. 7.....	294	6		12		18
Establishment No. 8.....	283	21		8		29
Establishment No. 9.....	304	8				8
Establishment No. 10.....	268	6		38		44
Establishment No. 11.....	297	7		8		15
Establishment No. 12.....	278	19		15		34
Establishment No. 13.....	241	5		66		71
Establishment No. 14.....	302	8		2		10
Establishment No. 15.....	262	18		32		50
Establishment No. 16.....	278	20		14		34
Establishment No. 17.....	284	8		20		28

NUMBER OF DAYS ESTABLISHMENTS WERE IN OPERATION AND NUMBER OF DAYS
IDLE, BY SPECIFIED CAUSES, DURING YEAR—Concluded.

State, and establishment number.	Days in operation during year of 52 weeks.	Number of week days idle during year of 52 weeks on account of—				Total week days idle during year.
		Holidays and vacations.	Strikes or lock-outs.	Slack work.	Other causes.	
Massachusetts:						
Establishment No. 18.....	276	25		11		36
Establishment No. 19.....	266	24		22		46
Establishment No. 20.....	265	24		23		47
Establishment No. 21.....	249	26		37		63
Establishment No. 22.....	271	25		16		41
Establishment No. 23.....	227	8		77		85
Establishment No. 24.....	294	16		2		18
Establishment No. 25.....	270	24		18		42
Establishment No. 26.....	287	10		15		25
Establishment No. 27.....	303	9				9
Establishment No. 28.....	291	21				21
Establishment No. 29.....	291	21				21
New Hampshire:						
Establishment No. 30.....	286	11		10	¹ 5	26
Establishment No. 31.....	297	12		3		15
Establishment No. 32.....	295	9			¹ 8	17
Establishment No. 33.....	298	7		7		14
Establishment No. 34.....	296	10			¹ 6	16
Establishment No. 35.....	253	25		34		59
New Jersey:						
Establishment No. 36.....	301	7		4		11
Establishment No. 37.....	296	7		9		16
New York:						
Establishment No. 38.....	259	5		48		53
Rhode Island:						
Establishment No. 39.....	303	5		4		9
Establishment No. 40.....	272	5		35		40
Establishment No. 41.....	270	5	6	31		42
Establishment No. 42.....	283	17		12		29
Establishment No. 43.....	250	17		45		62
Vermont:						
Establishment No. 44.....	256	10		46		56
Establishment No. 45.....	301	11				11
Average.....	279.4	12.4	0.1	19.7	0.4	32.6

¹ Repairs.

The following table shows for each of 45 establishments the working time of males and females throughout the year. Any changes of two weeks' or more duration are shown, and not only are the total hours per week given, but also the hours per day from Monday to Friday, inclusive, and the hours on Saturday, which in every case except one are less than for the other days of the week. It will be seen that there are very few fluctuations in the hours shown, and that aside from reductions which appear to be permanent there were few changes:

WORKING TIME OF ESTABLISHMENTS, BY STATES.

Estab- lish- ment num- ber.	State and dates.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
<i>Connecticut.</i>							
1	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
2	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
3	Mar. 30 to Dec. 31, 1913.....	11	5	60	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	11	5	60	10	5	55
4	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
5	Mar. 30 to Dec. 31, 1913.....	10½	6½	60	10½	4½	58
	Jan. 1 to Mar. 28, 1914.....	10	10	60	10	5	55
6	Mar. 30 to Dec. 31, 1913.....	10½	4½	58	10½	4½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
<i>Maine.</i>							
7	Entire year.....	10½	5½	58	10½	5½	58
8	Do.....	10½	5½	58	10½	5½	58
9	Do.....	10½	5½	58	10½	5½	58
10	Do.....	10½	4½	58	10½	4½	58
11	Do.....	10½	5½	58	10½	5½	58
12	Do.....	10½	5½	58	10½	5½	58
13	Do.....	10½	5½	58	10½	5½	58
14	Do.....	10½	5½	60	10½	5½	58
15	Do.....	10½	5½	58	10½	5½	58
16	Do.....	10½	5½	58	10½	5½	58
17	Do.....	10½	4½	58	10½	4½	58
<i>Massachusetts.¹</i>							
18	Mar. 30 to Sept. 19, 1913.....	10½	5½	56	10½	3½	54
	Sept. 20, 1913, to Mar. 28, 1914.....	9½	4½	54	9½	4½	54
19	Entire year.....	9½	5½	54	9½	5½	54
20	Do.....	9½	5½	54	9½	5½	54
21	Do.....	9½	5½	54	9½	5½	54
22	Mar. 30 to Sept. 19, 1913.....	10½	5½	56	10	4	54
	Sept. 20, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
23	Mar. 30 to Sept. 19, 1913.....	10½	5½	56	10½	3½	54
	Sept. 20, 1913, to Mar. 28, 1914.....	9½	4½	54	9½	4½	54
24	Entire year.....	9½	5½	54	9½	5½	54
25	Mar. 30 to Sept. 19, 1913.....	10½	5½	56	10½	3½	54
	Sept. 20, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
26	Entire year.....	9½	5½	54	9½	5½	54
27	Do.....	9½	5½	54	9½	5½	54
28	Do.....	9½	5½	54	9½	5½	54
29	Do.....	9½	5½	54	9½	5½	54
<i>New Hampshire.</i>							
30	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
31	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
32	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
33	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	10	5	55	10	5	55
34	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
35	Mar. 30 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Mar. 28, 1914.....	9½	5½	54	9½	5½	54

¹ Under a State law effective Sept. 1, 1913, minors under 16 years of age may work only 8 hours per day, 45½ hours per week.

WORKING TIME OF ESTABLISHMENTS, BY STATES—Concluded.

Es- tab- lish- ment num- ber.	State and dates.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
	<i>New Jersey.</i>						
36	Entire year.....	10	6	56	10	6	56
37	Do.....	10	5	55	10	5	55
	<i>New York.</i>						
38	Entire year.....	1 10½	1 6½	1 60	1 10	1 4	1 54
	<i>Rhode Island.</i>						
39	Mar. 30 to June 30, 1913.....	10½	4½	56	10½	4½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
40	Mar. 30 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
41	Mar. 30 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
42	Mar. 30 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
43	Mar. 30 to June 30, 1913.....	10½	5½	56	10½	5½	56
	July 1, 1913, to Mar. 28, 1914.....	9½	5½	54	9½	5½	54
	<i>Vermont.</i>						
44	Entire year.....	10½	5½	58	10½	5½	58
45	Do.....	10½	5	57½	10½	5	57½

¹ Except minors under 16 years of age, who work 8 hours Monday to Friday, 5 hours on Saturday, or 45 hours per week.

As stated on page 5, data have been secured showing, for 1914, the hours actually worked by employees. The following table, which is a summary of General Table VII, shows the number and per cent of employees working certain classified percentages of full time, by States. This table is divided into two sections, one relating to employees whose time was reported for one week, and the other relating to those whose time was reported for two weeks in such a way that it could not be divided. Only weavers are included in the second section, and no weavers are included in the first section. One establishment from which hours worked were not obtained and two others whose statement of hours could not be used are omitted altogether from this table, and eight establishments from which the data for weavers cover four weeks are omitted from the second section.

NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, BY STATES.

One-week pay rolls.

[Three establishments are omitted from this table on account of lacking or imperfect records.]

State.	Number of establishments.	Total number of employees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
Connecticut.....	5	692	528	76	164	24	78	11	52	8	23	3
Maine.....	11	1,259	745	59	514	41	301	24	126	10	44	3
Massachusetts.....	12	15,137	7,021	46	8,116	54	2,297	15	905	5	288	2
New Hampshire.....	6	1,064	678	64	386	36	164	15	85	8	38	4
New Jersey.....	2	2,391	1,462	61	929	39	172	7	72	3	36	2
New York.....	1	1,446	1,007	70	439	30	135	9	52	4	16	1
Rhode Island.....	5	4,094	2,685	66	1,409	34	576	14	178	4	62	2
Vermont.....	2	893	593	66	300	34	147	16	84	9	36	4
Total.....	44	26,976	14,719	55	12,257	45	3,870	14	1,454	5	543	2

Two-week pay rolls (weavers).

[Eleven establishments are omitted from this table on account of lacking or imperfect records.]

Connecticut.....	5	314	154	49	160	51	33	11	11	4	5	2
Maine.....	7	340	104	31	236	69	134	39	52	15	18	5
Massachusetts.....	9	2,567	1,311	51	1,256	49	362	15	186	7	65	3
New Hampshire.....	6	1,067	643	61	414	39	250	24	113	11	40	4
New Jersey.....	2	525	203	39	322	61	68	11	35	7	9	2
Rhode Island.....	5	1,017	459	45	558	55	187	18	105	10	17	2
Vermont.....	2	281	16	6	265	94	66	23	23	10	8	3
Total.....	36	6,101	2,890	47	3,211	53	1,120	18	530	9	162	3

This report includes data from establishments making woolen and worsted materials for ladies' wear, including dress goods and cloakings; materials for men's wear, including suitings and overcoatings; goods for uniforms; flannels; and blankets.

The number of establishments from which data were secured has varied considerably during the period included in the report, as follows:

1907 to 1910.....	19 identical establishments.
1910 and 1911.....	27 identical establishments.
1911 to 1913.....	46 identical establishments.
1913 and 1914.....	47 identical establishments.

The following table shows by States the number of employees in the industry as reported by the United States Census, 1910, the number of establishments from which the Bureau secured data for 1914, and the number of employees for whom such data were secured.

TOTAL NUMBER OF EMPLOYEES, CENSUS 1910, AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN FOR 1914 IN THIS REPORT.

State.	Number of employees reported by United States Census, 1910.	Establishments and employees for which data are shown for 1914 in this report.	
		Number of establishments.	Number of employees.
Massachusetts.....	53,783	12	19,264
Pennsylvania.....	27,409	(¹)	(¹)
Rhode Island.....	24,924	5	5,110
New Jersey.....	12,652	3	4,254
New Hampshire.....	9,486	7	5,003
New York.....	9,460	1	1,840
Maine.....	8,754	11	1,872
Connecticut.....	7,789	6	1,148
Vermont.....	2,294	2	1,174
Other States.....	12,171	.....	.....
Total.....	168,722	47	39,665

¹ Time worked by pieceworkers not a matter of record in establishments in this State, hence no data obtained.

According to the census of 1910, more than 76 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for whom the Bureau secured 1914 data and for whom detailed information for 1914 is presented in this report is equal to 23.5 per cent of the total number in the industry in 1909 (the year to which the census figures apply).

The specified occupations for which data are shown for 1914 are:

Burlers.	Menders.
Carding-machine tenders.	Spinners, frame.
Card strippers.	Spinners, mule.
Combers.	Twisters.
Dressers.	Weavers.
Laborers, dyehouse.	Wool sorters.
Loom fixers.	

Of the 13 occupations tabulated, data are shown for males alone in 7, for females alone in 3, and for both males and females in 3 occupations.

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

Table I.—Average and classified rates of wages per hour in the United States, by years, 1907 to 1914.

Table II.—Average and classified rates of wages per hour in each State, by years, 1913 and 1914.

Table III.—Average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.

Table IV.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in the United States, by years, 1907 to 1914.

Table V.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, in each State, by years, 1913 and 1914.

Table VI.—Average and classified full-time hours per week, average rates of wages per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1914.

Table VII.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time, for pieceworkers and timeworkers, by States, 1914.

In Tables I and IV, in addition to actual data, percentages, computed from such data, are given. Where data for a State are available in sufficient amount to warrant presentation separately, such data are shown by States in Tables II, III, V, VI, and VII.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914.

[The figures opposite each group of years are for identical establishments.]

NUMBER.

Occupation, sex, and number of estab- lishments.	Year.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age rate of wages per hour.	Employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
<i>Burlers, female.</i>																				
18 establishments.....	1907	611	58.3	\$0.122	6	40	46	297	107	53	29	20	11	2	.....	.....	.....	.....	.....	
	1908	494	58.0	.116	3	39	22	255	114	38	14	6	3	.....	.....	.....	.....	.....	.....	
	1909	582	58.0	.123	2	43	38	259	105	68	31	11	23	2	.....	.....	.....	.....	.....	
	1910	598	56.9	.124	1	19	34	286	113	93	23	18	11	.....	.....	.....	.....	.....	.....	
26 establishments.....	1910	1,034	56.5	.130	2	29	54	365	275	145	100	38	25	1	.....	.....	.....	.....	.....	
	1911	1,010	56.6	.127	6	27	68	345	320	118	76	29	20	1	.....	.....	.....	.....	.....	
43 establishments.....	1911	1,516	56.8	.130	6	49	116	471	431	209	138	56	37	2	1	.....	.....	.....	.....	
	1912	1,471	55.9	.147	.....	12	47	148	640	191	173	100	145	14	1	.....	.....	.....	.....	
44 establishments.....	1912	1,562	55.9	.145	.....	16	63	190	659	197	175	102	145	14	1	.....	.....	.....	.....	
	1913	1,635	55.6	.146	3	5	53	225	634	209	230	136	126	12	2	.....	.....	.....	.....	
44 establishments.....	1913	1,643	55.6	.146	3	5	53	240	620	209	235	138	126	12	2	.....	.....	.....	.....	
	1914	1,755	54.6	.154	2	4	40	245	563	210	219	213	208	50	1	.....	.....	.....	.....	
<i>Carding-machine ten- ders, male.</i>																				
19 establishments.....	1907	145	58.6	.126	1	3	10	27	80	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1908	136	58.6	.121	.....	5	10	34	69	17	1	.....	.....	.....	.....	.....	.....	.....	.....	
	1909	134	58.4	.124	1	3	5	31	73	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1910	133	57.3	.125	.....	1	5	38	65	23	1	.....	.....	.....	.....	.....	.....	.....	.....	
26 establishments.....	1910	201	56.9	.127	.....	1	5	49	98	46	1	1	.....	.....	.....	.....	.....	.....	.....	
	1911	196	56.9	.141	.....	2	3	60	83	34	14	.....	.....	.....	.....	.....	.....	.....	.....	
40 establishments.....	1911	320	57.1	.136	.....	2	5	115	122	63	13	.....	.....	.....	.....	.....	.....	.....	.....	
	1912	412	56.4	.135	.....	.....	2	76	167	148	18	1	.....	.....	.....	.....	.....	.....	.....	
	1913	329	56.3	.142	.....	1	2	22	105	170	27	1	1	.....	.....	.....	.....	.....	.....	
38 establishments.....	1913	333	56.5	.144	.....	1	2	20	102	168	34	5	1	.....	.....	.....	.....	.....	.....	
	1914	371	55.9	.147	.....	.....	.....	12	149	138	64	6	2	.....	.....	.....	.....	.....	.....	

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.			
<i>Card strippers, male.</i>																			
18 establishments.....	1907	89	58.2	.145					3	30	40	16							
	1908	79	58.1	.145					1	31	36	10	1						
	1909	80	58.1	.151						23	34	19	4						
	1910	88	57.7	.151					1	23	41	18	4	1					
27 establishments.....	1910	162	57.0	.153					1	24	93	37	6	1					
	1911	155	56.9	.153						20	92	34	8	1					
42 establishments.....	1911	223	57.1	.151					8	33	127	47	7	1					
	1912	240	56.9	.163						4	79	137	13	7					
	1913	238	56.4	.167							53	145	37	3					
42 establishments.....	1913	236	56.5	.168							50	142	41	3					
	1914	245	55.7	.169					2	2	30	180	21	10					
<i>Combers, male.</i>																			
4 establishments.....	1907	52	58.5	.133					1	36	15								
	1908	29	58.6	.131						21	7	1							
	1909	29	58.6	.137						19	10								
	1910	42	57.2	.140						14	28								
6 establishments.....	1910	106	56.5	.139						58	48								
	1911	124	56.5	.138					1	74	49								
9 establishments.....	1911	188	56.5	.141					11	108	50	19							
	1912	181	55.1	.156						20	116	21	24						
	1913	115	54.8	.156						9	63	40	3						
5 establishments.....	1913	112	54.8	.156						8	62	39	3						
	1914	215	55.5	.162						1	116	67	31						
<i>Combers, female.</i>																			
4 establishments.....	1907	101	55.7	.099	13	20	26	24	8	10									
	1908	117	55.8	.099	2	30	34	32	19										
	1909	111	55.8	.102		20	27	42	22										
	1910	110	55.4	.110		9	15	66		20									
6 establishments.....	1910	129	55.5	.111		9	23	69	8	20									
	1911	118	55.4	.109			14	90	11	3									
7 establishments.....	1911	139	55.8	.109			14	111	11	3									
	1912	150	55.8	.116			13	99	23	15									
	1913	163	56.1	.117			14	86	49	14									
6 establishments.....	1913	161	56.1	.117			14	86	48	13									
	1914	162	54.7	.119			29	70	21	41	1								
<i>Dressers, male.</i>																			
19 establishments.....	1907	119	58.8	.224						1	4	7	96	11					
	1908	97	58.4	.225							2	10	72	13					
	1909	126	58.3	.224							12	2	93	19					
	1910	126	57.9	.228							8	1	98	19					
27 establishments.....	1910	214	57.1	.242							12	4	106	87	5				
	1911	215	57.1	.239							15	8	99	90	3				
46 establishments.....	1911	337	57.1	.243							15	10	152	155	5				
	1912	384	56.4	.262								11	141	194	38				
	1913	346	56.2	.261							6	7	120	183	30				
46 establishments.....	1913	347	56.3	.263							5	3	117	192	30				
	1914	356	55.1	.274							3	4	88	144	117				
<i>Laborers, dyehouse, male.</i>																			
19 establishments.....	1907	434	58.1	.144						177	237	19	1						
	1908	385	57.8	.140						273	94	16	1	1					
	1909	514	57.9	.137						367	118	25	2	2					
	1910	570	56.5	.142						199	338	27	5	1					

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
<i>Laborers, dyehouse, male—Concluded.</i>																		
27 establishments.....	1910	837	56.3	.143					1	305	436	88	6	1				
	1911	877	56.5	.145					1	260	517	89	9	1				
45 establishments.....	1911	1,116	56.6	.145					1	360	573	170	11	1				
	1912	1,093	55.5	.157					3	74	678	309	18	10	1			
	1913	1,033	55.5	.159						54	635	281	52	11				
46 establishments.....	1913	1,041	55.6	.159						54	633	291	52	11				
	1914	1,415	54.8	.160					1	114	768	385	131	15	1			
<i>Loom fixers, male.</i>																		
19 establishments.....	1907	223	58.0	.267								1	2	51	155	14		
	1908	218	57.9	.262								1	3	47	157	10		
	1909	242	58.1	.263									4	41	186	11		
	1910	260	57.0	.270								2	3	27	212	16		
27 establishments.....	1910	429	56.6	.279								2	3	27	326	71		
	1911	390	56.6	.278								1	4	24	301	60		
46 establishments.....	1911	569	56.7	.275									3	98	357	111		
	1912	589	55.9	.308										46	292	222	29	
	1913	578	55.7	.298								1		50	315	210	2	
47 establishments.....	1913	581	55.8	.297								1		50	325	203	2	
	1914	642	55.0	.313										40	291	287	24	
<i>Menders, female.</i>																		
18 establishments.....	1907	403	58.5	.145		2	27	68	119	81	37	34	31	4				
	1908	341	58.4	.148	3	8	22	71	61	57	39	35	35	10				
	1909	533	58.8	.137	3	44	91	117	82	86	49	42	58	11				
	1910	498	58.0	.148	1	14	44	125	81	58	30	82	43	16	4			
25 establishments.....	1910	1,196	56.8	.160	3	25	78	190	166	113	188	200	194	32	5			
	1911	1,115	56.9	.159	1	13	52	179	149	165	168	227	140	16	5			
44 establishments.....	1911	1,623	56.8	.160	1	13	74	237	243	264	228	332	200	23	8			
	1912	1,668	55.7	.189		4	27	120	144	180	184	284	572	124	27	2		
42 establishments.....	1912	1,589	55.6	.193			11	81	133	174	183	282	572	124	27	2		
	1913	1,388	55.3	.183	3	9	15	72	168	170	208	253	377	96	18			
42 establishments.....	1913	1,363	55.4	.181	3	9	15	73	171	170	208	253	363	84	14			
	1914	1,494	54.4	.195	2	4	6	56	161	161	157	212	569	134	32			
<i>Spinners, frame, male.</i>																		
2 establishments.....	1910	114	56.0	.125				66	30	17		1						
	1911	134	56.0	.129			6	46	48	32	2							
3 establishments.....	1911	194	56.0	.132			6	53	64	69	2							
	1912	244	54.0	.158					7	202	35							
	1913	115	54.0	.136				1	86	28								
3 establishments.....	1913	115	54.0	.136				1	86	28								
	1914	282	53.9	.145				8	101	160	12	1						
<i>Spinners, frame, female.</i>																		
5 establishments.....	1907	323	57.6	.127		12	3	116	77	115								
	1908	284	57.5	.122		4	4	90	186									
	1909	295	57.5	.124		6	2	59	228									
	1910	286	56.0	.128		1		53	193	39								
8 establishments.....	1910	578	56.0	.122		9	22	269	239	39								
	1911	683	56.0	.127			4	206	395	75	3							
10 establishments.....	1911	1,002	56.4	.126			10	390	469	130	3							
	1912	1,070	55.2	.144			15	36	365	564	90							
	1913	751	55.5	.140			1	16	315	404	14	1						
9 establishments.....	1913	742	55.5	.140			1	16	306	404	14	1						
	1914	970	54.2	.147				8	274	524	159	5						

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
<i>Spinners, mule, male.</i>																				
19 establishments.....	1907	384	58.6	\$0.219				3	3	10	41	73	173	78	3	.....				
	1908	267	58.2	.215				4	7	15	24	48	99	67	3	.....				
	1909	297	58.2	.223					3	10	42	47	100	89	5	1				
	1910	320	57.5	.223				1	1	8	27	59	132	87	5	.....				
26 establishments.....	1910	529	57.0	.224				2	2	12	43	81	248	133	8	.....				
	1911	454	56.9	.231				1	2	5	30	53	212	135	16	.....				
40 establishments.....	1911	638	57.3	.224					1	3	11	55	95	335	118	20	.....			
	1912	719	56.5	.240					2	5	38	75	300	245	54	.....				
	1913	759	56.4	.238				1	7	8	68	79	295	223	77	1				
42 establishments.....	1913	828	56.5	.239					1	7	10	68	317	260	79	1				
	1914	856	55.8	.252				1			36	67	334	276	127	9				
<i>Twisters, female.</i>																				
7 establishments.....	1907	186	57.2	.112		12	7	120	34	13										
	1908	138	57.6	.114		4		75	53	6										
	1909	223	58.0	.112	11	1	5	123	69	11	3									
	1910	216	57.2	.114	23			5	99	67	14	2	3							
10 establishments.....	1910	332	56.9	.126	23			5	156	90	23	2	3	30						
	1911	342	56.8	.124				1	148	149	23	7	7							
12 establishments.....	1911	600	56.7	.131		2	5	190	160	205	18	10	9	1						
	1912	751	55.7	.137				11	162	175	352	44	6	1						
	1913	598	55.4	.135				4	73	284	202	26	5	4						
11 establishments.....	1913	578	55.5	.136				4	71	264	204	26	5	4						
	1914	884	54.3	.144				1	170	159	451	64	18	10	8	3				
<i>Weavers, male.</i>																				
19 establishments.....	1907	1,653	58.5	.203		4	10	70	82	148	221	281	588	185	60	4				
	1908	1,409	58.6	.196		2	6	9	38	101	177	208	254	445	120	6				
	1909	1,589	58.6	.199		4	5	9	62	113	193	213	247	497	172	68				
	1910	1,716	57.8	.199			1	4	25	79	175	288	393	562	160	27	2			
27 establishments.....	1910	2,907	57.1	.207		3	10	52	124	249	443	552	956	393	117	8				
	1911	2,563	57.1	.210		6	14	48	102	248	352	383	834	471	101	4				
46 establishments.....	1911	4,049	57.1	.210		8	27	85	170	358	509	619	1,411	703	154	5				
	1912	4,476	56.3	.237		2	6	50	104	232	336	474	1,528	1,184	574	16				
	1913	3,845	56.1	.232				7	53	87	206	355	460	1,281	942	434	20			
47 establishments.....	1913	3,834	56.3	.232				7	57	86	202	352	463	1,280	939	428	20			
	1914	4,312	55.2	.238		5	11	41	100	185	303	450	1,450	1,230	520	17				
<i>Weavers, female.</i>																				
19 establishments.....	1907	1,873	58.0	.188		4	13	72	148	225	300	419	572	109	11	.....				
	1908	1,882	57.7	.166			14	18	174	256	370	402	312	305	27	3	1			
	1909	1,807	57.6	.166		4	11	36	215	252	302	362	274	298	38	15	.....			
	1910	2,116	56.4	.174		4	7	49	168	234	311	364	428	494	44	11	2			
27 establishments.....	1910	2,855	56.3	.180		6	8	54	200	293	387	489	542	704	131	39	2			
	1911	2,366	56.4	.178			7	18	188	255	379	435	402	540	121	20	1			
46 establishments.....	1911	3,384	56.8	.184			7	40	267	420	553	557	518	788	195	38	1			
	1912	3,586	55.9	.206				41	130	175	317	505	595	1,135	496	190	2			
	1913	3,481	55.9	.197			1	4	130	299	398	563	620	948	422	102	4			
47 establishments.....	1913	3,493	56.0	.197			1	4	129	295	391	562	624	954	426	103	4			
	1914	3,789	54.8	.202		1	5	49	183	225	344	497	622	1,150	558	149	6			
<i>Wool sorters, male.</i>																				
11 establishments.....	1907	184	58.0	.233						3	5	6	14	82	71	3	.....			
	1908	164	57.8	.223						1	8	16	12	111	16	.....				
	1909	186	57.9	.239							2	1	5	117	61	.....				
	1910	193	56.5	.246						1		7	1	6	47	125	6			
18 establishments.....	1910	289	56.3	.247					2		10	1	8	63	198	7	.....			
	1911	335	56.3	.249							6	2	3	77	243	4	.....			
19 establishments.....	1911	444	56.4	.241							5	33	16	128	258	4	.....			
	1912	471	55.2	.267									21	82	346	22	.....			
	1913	246	55.0	.281									1	6	12	193	34			
14 establishments.....	1913	246	55.0	.281									1	6	12	193	34			
	1914	372	54.2	.276							2	3	17	43	228	78	1			

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
<i>Burlers, female.</i>																				
18 establishments.....	1907	611	58.3	\$0.122	1	7	8	49	18	9	5	3	2	(1)						
	1908	494	58.0	.116	1	8	4	52	23	8	3	1	1							
	1909	582	58.0	.123	(1)	7	7	45	18	12	5	2	4	(1)						
	1910	598	56.9	.124	(1)	3	6	48	19	16	4	3	2							
26 establishments.....	1910	1,034	56.5	.130	(1)	3	5	35	27	14	10	8	2	(1)						
	1911	1,010	56.6	.127	1	3	7	34	32	12	8	4	2	(1)						
43 establishments.....	1911	1,516	56.8	.130	(1)	3	8	31	28	14	9	4	2	(1)	(1)					
	1912	1,471	55.9	.147	.....	1	3	10	44	13	12	7	10	1	(1)					
44 establishments.....	1912	1,562	55.9	.145	.....	1	4	12	42	13	11	7	9	1	(1)					
	1913	1,635	55.6	.146	(1)	(1)	3	14	39	13	14	8	8	1	(1)					
44 establishments.....	1913	1,643	55.6	.146	(1)	(1)	3	15	38	13	14	8	8	1	(1)					
	1914	1,755	54.6	.154	(1)	(1)	2	14	32	12	12	12	12	3	(1)					
<i>Carding-machine tenders, male.</i>																				
19 establishments.....	1907	145	58.6	.126	1	2	7	19	55	17	.....	.....	.....	.....	.....	.....	.....	.....		
	1908	136	58.6	.121	.....	4	7	25	51	13	1	.....	.....	.....	.....	.....	.....	.....		
	1909	134	58.4	.124	1	2	4	23	54	16	.....	.....	.....	.....	.....	.....	.....	.....		
	1910	133	57.3	.125	.....	1	4	29	49	17	1	.....	.....	.....	.....	.....	.....	.....		
26 establishments.....	1910	201	56.9	.127	.....	(1)	2	24	49	23	(1)	(1)	.....	.....	.....	.....	.....	.....		
	1911	196	56.9	.141	.....	1	2	31	42	17	7	.....	.....	.....	.....	.....	.....	.....		
40 establishments.....	1911	320	57.1	.136	.....	1	2	36	38	20	4	.....	.....	.....	.....	.....	.....	.....		
	1912	412	56.4	.135	.....	.....	(1)	18	41	36	4	(1)	.....	.....	.....	.....	.....	.....		
	1913	329	56.3	.142	.....	(1)	1	7	32	52	8	(1)	(1)	.....	.....	.....	.....	.....		
38 establishments.....	1913	333	56.5	.144	.....	(1)	1	6	31	50	10	2	(1)	.....	.....	.....	.....	.....		
	1914	371	55.9	.147	.....	.....	.....	3	40	37	17	2	1	.....	.....	.....	.....	.....		
<i>Card strippers, male.</i>																				
18 establishments.....	1907	89	58.2	.148	.....	.....	.....	3	34	45	18	.....	.....	.....	.....	.....	.....	.....		
	1908	79	58.1	.145	.....	.....	.....	1	39	46	13	1	.....	.....	.....	.....	.....	.....		
	1909	80	58.1	.151	.....	.....	.....	.....	29	43	24	5	.....	.....	.....	.....	.....	.....		
	1910	88	57.7	.151	.....	.....	.....	1	26	47	20	5	1	.....	.....	.....	.....	.....		
27 establishments.....	1910	162	57.0	.153	.....	.....	.....	1	15	57	23	4	1	.....	.....	.....	.....	.....		
	1911	155	56.9	.153	.....	.....	.....	.....	13	59	22	5	1	.....	.....	.....	.....	.....		
42 establishments.....	1911	223	57.1	.151	.....	.....	.....	4	15	57	21	3	(1)	.....	.....	.....	.....	.....		
	1912	240	56.9	.163	.....	.....	.....	.....	2	33	57	5	3	.....	.....	.....	.....	.....		
	1913	238	56.4	.167	.....	.....	.....	.....	.....	22	61	16	1	.....	.....	.....	.....	.....		
42 establishments.....	1913	236	56.5	.168	.....	.....	.....	.....	.....	21	60	17	1	.....	.....	.....	.....	.....		
	1914	245	55.7	.169	.....	.....	.....	1	1	12	73	9	4	.....	.....	.....	.....	.....		
<i>Combers, male.</i>																				
4 establishments.....	1907	52	58.5	.133	.....	.....	.....	2	69	29	.....	.....	.....	.....	.....	.....	.....	.....		
	1908	29	58.6	.131	.....	.....	.....	.....	72	24	3	.....	.....	.....	.....	.....	.....	.....		
	1909	29	58.6	.137	.....	.....	.....	.....	66	34	.....	.....	.....	.....	.....	.....	.....	.....		
	1910	42	57.2	.140	.....	.....	.....	.....	33	67	.....	.....	.....	.....	.....	.....	.....	.....		
6 establishments.....	1910	106	56.5	.139	.....	.....	.....	.....	55	45	.....	.....	.....	.....	.....	.....	.....	.....		
	1911	124	56.5	.138	.....	.....	.....	1	60	40	.....	.....	.....	.....	.....	.....	.....	.....		
9 establishments.....	1911	188	56.5	.141	.....	.....	.....	6	57	27	10	.....	.....	.....	.....	.....	.....	.....		
	1912	181	55.1	.156	.....	.....	.....	.....	11	64	12	13	.....	.....	.....	.....	.....	.....		
	1913	115	54.8	.156	.....	.....	.....	.....	8	55	35	3	.....	.....	.....	.....	.....	.....		
5 establishments.....	1913	112	54.8	.156	.....	.....	.....	.....	7	55	35	3	.....	.....	.....	.....	.....	.....		
	1914	215	55.5	.162	.....	.....	.....	.....	(1)	54	31	14	.....	.....	.....	.....	.....	.....		

¹ Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.													
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
<i>Combers, female.</i>																		
4 establishments.....	1907	101	55.7	\$0.099	13	20	26	24	8	10								
	1908	117	55.8	.099	2	26	29	27	16									
	1909	111	55.8	.102		18	24	38	20									
	1910	110	55.4	.110		8	14	60		18								
6 establishments.....	1910	129	55.5	.111		7	18	53	6	16								
	1911	118	55.4	.109			12	76	9	3								
7 establishments.....	1911	139	55.8	.109				10	80	8	2							
	1912	150	55.8	.116				9	66	15	10							
	1913	163	56.1	.117				9	53	30	9							
6 establishments.....	1913	161	56.1	.117				9	53	30	8							
	1914	162	54.7	.119				18	43	13	25	1						
<i>Dressers, male.</i>																		
19 establishments.....	1907	119	58.8	.224							1	3	6	81	9			
	1908	97	58.4	.225								2	10	74	13			
	1909	126	58.3	.224								10	2	74	15			
	1910	126	57.9	.228								6	1	78	15			
27 establishments.....	1910	214	57.1	.242								6	2	50	41	2		
	1911	215	57.1	.239								7	4	46	42	1		
46 establishments.....	1911	337	57.1	.243								4	3	45	46	1		
	1912	384	56.4	.262									3	37	51	10		
	1913	346	56.2	.261								2	2	35	53	9		
46 establishments.....	1913	347	56.3	.263								1	1	34	55	9		
	1914	356	55.1	.274								1	1	25	40	33		
<i>Laborers, dyehouse, male.</i>																		
19 establishments.....	1907	434	58.1	.144					41	55	4	(1)						
	1908	385	57.8	.140					71	24	4	(1)	(1)					
	1909	514	57.9	.137					71	23	5	(1)	(1)					
	1910	570	56.5	.142					35	59	5	1	(1)					
27 establishments.....	1910	837	56.3	.143				(1)	36	52	11	1	(1)					
	1911	877	56.5	.145				(1)	30	59	10	1	(1)					
45 establishments.....	1911	1,116	56.6	.145				(1)	32	51	15	1	(1)					
	1912	1,093	55.5	.157				(1)	7	62	28	2	1	(1)				
	1913	1,033	55.5	.159					5	61	27	5	1					
46 establishments.....	1913	1,041	55.6	.159					5	61	28	5	1					
	1914	1,415	54.8	.160				(1)	8	54	27	9	1	(1)				
<i>Loom fixers, male.</i>																		
19 establishments.....	1907	223	58.0	.267							(1)	1	23	70	6			
	1908	218	57.9	.262							(1)	1	22	72	5			
	1909	242	58.1	.263								2	17	77	5			
	1910	260	57.0	.270								1	1	10	82	6		
27 establishments.....	1910	429	56.6	.279							(1)	1	6	76	17			
	1911	390	56.6	.278							(1)	1	6	77	15			
46 establishments.....	1911	569	56.7	.275									1	17	63	20		
	1912	589	55.9	.308										8	50	38		
	1913	578	55.7	.298							(1)			9	54	36	(1)	
47 establishments.....	1913	581	55.8	.297							(1)			9	56	35	(1)	
	1914	642	55.0	.313										6	45	45	35	

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.													
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
<i>Menders, female.</i>																		
18 establishments.....	1907	408	58.5	\$0.145	.....	(1)	7	17	30	20	9	8	8	1	.....	.....	.....	.....
	1908	341	58.4	.148	1	2	6	21	18	17	11	10	10	3	.....	.....	.....	.....
	1909	583	58.8	.137	.....	8	16	20	14	15	8	7	10	2	.....	.....	.....	.....
	1910	498	58.0	.148	(1)	3	9	25	16	12	6	16	9	3	1	.....	.....	.....
25 establishments.....	1910	1,196	56.8	.160	(1)	2	7	16	14	9	16	17	16	3	(1)	.....	.....	.....
	1911	1,115	56.9	.159	(1)	1	5	16	13	15	15	20	13	1	(1)	.....	.....	.....
44 establishments.....	1911	1,623	56.8	.160	(1)	1	5	15	15	16	14	20	12	1	(1)	.....	.....	.....
	1912	1,668	55.7	.189	.....	(1)	2	7	9	11	11	17	34	7	2	(1)	.....	.....
42 establishments.....	1912	1,589	55.6	.193	.....	.....	1	5	8	11	12	18	36	8	2	(1)	.....	.....
	1913	1,388	55.3	.183	(1)	1	1	5	12	12	15	18	27	7	1	.....	.....	.....
42 establishments.....	1913	1,363	55.4	.181	(1)	1	1	5	13	12	15	19	27	6	1	.....	.....	.....
	1914	1,494	54.4	.195	(1)	(1)	(1)	4	11	11	11	14	38	9	2	.....	.....	.....
<i>Spinners, frame, male.</i>																		
2 establishments.....	1910	114	56.0	.125	.....	.....	.....	58	26	15	.....	1	.....	.....	.....	.....	.....	.....
	1911	134	56.0	.129	.....	.....	4	34	36	24	1	.....	.....	.....	.....	.....	.....	.....
3 establishments.....	1911	194	56.0	.132	.....	.....	3	27	33	36	1	.....	.....	.....	.....	.....	.....	.....
	1912	244	54.0	.158	.....	.....	.....	.....	3	83	14	.....	.....	.....	.....	.....	.....	.....
	1913	115	54.0	.136	.....	.....	.....	1	75	24	.....	.....	.....	.....	.....	.....	.....	.....
3 establishments.....	1913	115	54.0	.136	.....	.....	.....	1	75	24	.....	.....	.....	.....	.....	.....	.....	.....
	1914	282	53.9	.145	.....	.....	.....	3	36	57	4	(1)	.....	.....	.....	.....	.....	.....
<i>Spinners, frame, female.</i>																		
5 establishments.....	1907	323	57.6	.127	.....	4	1	36	24	36	.....	.....	.....	.....	.....	.....	.....	.....
	1908	284	57.5	.122	.....	1	1	32	65	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1909	295	57.5	.124	.....	2	1	20	77	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1910	286	56.0	.128	.....	(1)	.....	19	67	14	.....	.....	.....	.....	.....	.....	.....	.....
8 establishments.....	1910	578	56.0	.122	.....	2	4	47	41	7	.....	.....	.....	.....	.....	.....	.....	.....
	1911	683	56.0	.127	.....	.....	1	30	58	11	(1)	.....	.....	.....	.....	.....	.....	.....
10 establishments.....	1911	1,002	56.4	.126	.....	.....	1	39	47	13	(1)	.....	.....	.....	.....	.....	.....	.....
	1912	1,070	55.2	.144	.....	.....	1	3	34	53	8	.....	.....	.....	.....	.....	.....	.....
	1913	751	55.5	.140	.....	(1)	.....	2	42	54	2	(1)	.....	.....	.....	.....	.....	.....
9 establishments.....	1913	742	55.5	.140	.....	.....	(1)	2	41	54	2	(1)	.....	.....	.....	.....	.....	.....
	1914	970	54.2	.147	.....	.....	.....	1	28	54	16	1	.....	.....	.....	.....	.....	.....
<i>Spinners, mule, male.</i>																		
19 establishments.....	1907	384	58.6	.219	.....	.....	.....	1	1	3	11	19	45	20	1	.....	.....	.....
	1908	267	58.2	.215	.....	.....	.....	1	3	6	9	18	37	25	1	.....	.....	.....
	1909	297	58.2	.223	.....	.....	.....	.....	1	3	14	16	34	30	2	(1)	.....	.....
	1910	320	57.5	.223	.....	.....	.....	(1)	(1)	3	8	18	41	27	2	.....	.....	.....
26 establishments.....	1910	529	57.0	.224	.....	.....	.....	(1)	(1)	2	8	15	47	25	2	.....	.....	.....
	1911	454	56.9	.231	.....	.....	.....	(1)	(1)	1	7	12	47	30	4	.....	.....	.....
40 establishments.....	1911	638	57.3	.224	.....	.....	.....	(1)	(1)	2	9	15	53	18	3	.....	.....	.....
	1912	719	56.5	.240	.....	.....	.....	(1)	(1)	1	5	10	42	34	8	.....	.....	.....
	1913	759	56.4	.238	.....	.....	.....	(1)	1	1	9	10	39	29	10	(1)	.....	.....
42 establishments.....	1913	828	56.5	.239	.....	.....	.....	(1)	1	1	8	10	38	31	10	(1)	.....	.....
	1914	856	55.8	.252	.....	.....	.....	(1)	.....	1	4	8	39	32	15	1	.....	.....
<i>Twisters, female.</i>																		
7 establishments.....	1907	186	57.2	.112	.....	6	4	65	18	7	.....	.....	.....	.....	.....	.....	.....	.....
	1908	138	57.6	.114	.....	3	.....	54	38	4	.....	.....	.....	.....	.....	.....	.....	.....
	1909	223	58.0	.112	5	(1)	2	55	31	5	1	.....	.....	.....	.....	.....	.....	.....
	1910	216	57.2	.114	11	.....	2	46	31	6	1	1	1	.....	.....	.....	.....	.....

1 Less than 1 per cent.

TABLE I.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Concluded.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
<i>Twisters, female—Concluded.</i>																				
10 establishments.....	1910	332	56.9	\$0.126	7	.....	2	47	27	7	1	1	9	.....	.....	.....	.....	.....	.....	
	1911	342	56.8	.124	.....	(¹)	43	44	7	2	2	2	2	.....	.....	.....	.....	.....	.....	
12 establishments.....	1911	600	56.7	.131	.....	(¹)	1	32	27	34	3	2	2	(¹)	.....	.....	.....	.....	.....	
	1912	751	55.7	.137	.....	.....	1	22	23	47	6	1	1	.....	.....	.....	.....	.....	.....	
	1913	598	55.4	.135	.....	.....	1	12	47	34	4	1	1	.....	.....	.....	.....	.....	.....	
11 establishments.....	1913	578	55.5	.136	.....	.....	1	12	46	35	4	1	1	.....	.....	.....	.....	.....	.....	
	1914	884	54.3	.144	.....	(¹)	19	18	51	7	2	2	1	1	1	(¹)	.....	.....	.....	
<i>Weavers, male.</i>																				
19 establishments.....	1907	1,653	58.5	.203	.....	(¹)	1	4	5	9	13	17	36	11	4	(¹)	.....	.....	.....	
	1908	1,409	58.6	.196	(¹)	(¹)	1	3	7	13	15	18	32	9	3	(¹)	.....	.....	.....	
	1909	1,589	58.6	.199	(¹)	(¹)	1	4	7	12	13	16	31	11	4	(¹)	.....	.....	.....	
	1910	1,716	57.8	.199	.....	(¹)	(¹)	1	5	10	17	23	33	9	2	(¹)	.....	.....	.....	
27 establishments.....	1910	2,907	57.1	.207	.....	(¹)	(¹)	2	4	9	15	19	33	14	4	(¹)	.....	.....	.....	
	1911	2,563	57.1	.210	.....	(¹)	1	2	4	10	14	15	33	18	4	(¹)	.....	.....	.....	
46 establishments.....	1911	4,049	57.1	.210	.....	(¹)	1	2	4	9	13	15	35	17	4	(¹)	.....	.....	.....	
	1912	4,476	56.3	.237	.....	(¹)	(¹)	1	2	5	8	11	34	26	13	(¹)	.....	.....	.....	
	1913	3,845	56.1	.232	.....	(¹)	.....	1	2	5	9	12	33	24	11	1	.....	.....	.....	
47 establishments.....	1913	3,834	56.3	.232	.....	(¹)	(¹)	1	2	5	9	12	33	24	11	1	.....	.....	.....	
	1914	4,312	55.2	.238	.....	(¹)	(¹)	1	2	4	7	10	34	29	12	(¹)	.....	.....	.....	
<i>Weavers, female.</i>																				
19 establishments.....	1907	1,873	58.0	.188	.....	(¹)	1	4	8	12	16	22	31	6	1	.....	.....	.....	.....	
	1908	1,882	57.7	.166	.....	1	1	9	14	20	21	17	16	1	(¹)	(¹)	.....	.....	.....	
	1909	1,907	57.6	.166	(¹)	1	2	12	14	17	20	15	16	2	1	.....	.....	.....	.....	
	1910	2,116	56.4	.174	(¹)	(¹)	2	8	11	15	17	20	23	2	1	(¹)	.....	.....	.....	
27 establishments.....	1910	2,855	56.3	.180	(¹)	(¹)	2	7	10	14	17	19	25	5	1	(¹)	.....	.....	.....	
	1911	2,366	56.4	.178	.....	(¹)	1	8	11	16	18	17	23	5	1	(¹)	.....	.....	.....	
46 establishments.....	1911	3,384	56.8	.184	.....	(¹)	1	8	12	16	16	15	23	6	1	(¹)	.....	.....	.....	
	1912	3,586	55.9	.206	.....	.....	1	4	5	9	14	17	32	14	5	(¹)	.....	.....	.....	
	1913	3,481	55.9	.197	.....	(¹)	(¹)	4	9	11	16	18	27	12	3	(¹)	.....	.....	.....	
47 establishments.....	1913	3,493	56.0	.197	.....	(¹)	(¹)	4	8	11	16	18	27	12	3	(¹)	.....	.....	.....	
	1914	3,789	54.8	.202	(¹)	(¹)	1	5	6	9	13	16	30	15	4	(¹)	.....	.....	.....	
<i>Wool sorters, male.</i>																				
11 establishments.....	1907	184	58.0	.233	.....	.....	.....	.....	2	3	3	8	45	39	2	.....	.....	.....	.....	
	1908	164	57.8	.223	.....	.....	.....	.....	1	5	10	7	68	10	.....	.....	.....	.....	.....	
	1909	186	57.9	.239	.....	.....	.....	.....	.....	1	1	3	68	33	.....	.....	.....	.....	.....	
	1910	193	56.5	.246	.....	.....	.....	1	.....	4	1	3	24	65	3	.....	.....	.....	.....	
18 establishments.....	1910	289	56.3	.247	.....	.....	.....	.....	1	.....	3	(¹)	3	22	69	2	.....	.....	.....	
	1911	335	56.3	.249	.....	.....	.....	.....	.....	.....	2	1	1	23	73	1	.....	.....	.....	
19 establishments.....	1911	444	56.4	.241	.....	.....	.....	.....	.....	1	7	4	29	58	1	.....	.....	.....	.....	
	1912	471	55.2	.267	.....	.....	.....	.....	.....	.....	.....	4	17	73	5	.....	.....	.....	.....	
	1913	246	55.0	.281	.....	.....	.....	.....	.....	(¹)	.....	.....	2	5	78	14	.....	.....	.....	
14 establishments.....	1913	246	55.0	.281	.....	.....	.....	.....	.....	(¹)	.....	.....	2	5	78	14	.....	.....	.....	
	1914	372	54.2	.276	.....	.....	.....	.....	.....	1	1	5	12	61	21	(¹)	.....	.....	.....	

¹ Less than 1 per cent.

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914.

[The figures for both years are for identical establishments.]

BURLERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Connecticut:																		
6 establishments..	1913	41	58.0	\$0.160				5	2	11	16	4	3					
	1914	54	54.9	.166				11	6	11	9	4	11	2				
Maine:																		
10 establishments..	1913	90	58.0	.110		2	28	40	15	2	3							
	1914	57	58.0	.108			15	33	6	3								
Massachusetts:																		
10 establishments..	1913	713	54.0	.142	3	3	12	47	435	75	58	38	33	8	1			
	1914	739	53.8	.149	2	2	6	54	319	122	107	61	63	3				
New Hampshire:																		
7 establishments..	1913	280	57.9	.165				11	55	43	88	48	35					
	1914	358	55.0	.171		1	2	5	116	24	34	85	80	11				
New Jersey:																		
3 establishments..	1913	291	54.9	.133			9	105	87	35	22	20	13					
	1914	314	55.8	.134			12	102	93	41	30	19	16	1				
Rhode Island:																		
5 establishments..	1913	167	56.0	.166			4	18	21	32	38	19	33	1	1			
	1914	145	54.0	.185		1	4	23	22	8	19	12	22	33	1			
Other States:																		
3 establishments..	1913	61	59.2	.166				14	5	11	10	9	9	3				
	1914	88	55.2	.171			1	17	1	20	32	16						
Total:																		
44 establishments..	1913	1,643	55.6	.146	3	5	53	240	620	209	235	138	126	12	2			
	1914	1,756	54.6	.154	2	4	40	245	563	210	219	213	208	50	1			

CARDING-MACHINE TENDERS: Male.

Maine:																		
10 establishments..	1913	71	58.3	\$0.141				6	28	30	7							
	1914	59	58.2	.142				1	30	24	4							
Massachusetts:																		
9 establishments..	1913	105	54.1	.144				1	60	29	15							
	1914	157	54.6	.144					107	28	22							
New Hampshire:																		
5 establishments..	1913	39	58.0	.146				4	33	1		1						
	1914	38	55.1	.155					28	10								
Rhode Island:																		
4 establishments..	1913	31	56.0	.137		1	2	6	2	17	2	1						
	1914	30	54.0	.147				4	3	20	3							
Other States:																		
10 establishments..	1913	87	57.3	.147				7	8	59	9	4						
	1914	87	57.8	.151				7	9	38	25	6	2					
Total:																		
38 establishments..	1913	333	56.5	.144		1	2	20	102	168	34	5	1					
	1914	371	55.9	.147				12	149	138	64	6	2					

CARD STRIPPERS: Male.

Maine:																		
11 establishments..	1913	42	58.2	\$0.170						2	38	2						
	1914	38	58.2	.169						1	37							
Massachusetts:																		
10 establishments..	1913	76	54.3	.170						7	57	11	1					
	1914	88	54.3	.169						5	77	4	2					
New Hampshire:																		
7 establishments..	1913	43	58.0	.152						33	10							
	1914	51	55.2	.166						12	35	4						
Other States:																		
14 establishments..	1913	75	56.9	.173						8	37	28	2					
	1914	68	56.3	.173				2	2	12	31	13	8					
Total:																		
42 establishments..	1913	236	56.5	.168						50	142	41	3					
	1914	245	55.7	.169				2	2	30	180	21	10					

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

COMBERS: Male.

State, and number of establishments.	Year.	Num-ber of employ-ees.	Aver-age full-time hours per week.	Aver-age rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					6	8	9	10	12	14	16	18	20	25	30	40		
					and under 8 cts.	and under 9 cts.	and under 10 cts.	and under 12 cts.	and under 14 cts.	and under 16 cts.	and under 18 cts.	and under 20 cts.	and under 25 cts.	and under 30 cts.	and under 40 cts.	cts. and over.		
Massachusetts: 3 establishments..	1913	89	54.0	\$0.160	.....	.....	.....	.....	.....	47	39	3	.....	.....	.....	.....	.....	.....
	1914	187	55.4	.164	.....	.....	.....	.....	.....	99	57	31	.....	.....	.....	.....	.....	.....
Other States: 2 establishments..	1913	23	57.7	.140	.....	.....	.....	.....	.....	8	15	.....	.....	.....	.....	.....	.....	.....
	1914	28	56.1	.155	.....	.....	.....	.....	.....	1	17	10	.....	.....	.....	.....	.....	.....
Total: 5 establishments..	1913	112	54.8	.156	.....	.....	.....	.....	.....	8	62	39	3	.....	.....	.....	.....	.....
	1914	215	55.5	.162	.....	.....	.....	.....	.....	1	116	67	31	.....	.....	.....	.....	.....

COMBERS: Female.

All States: 6 establishments..	1913	161	56.1	\$0.117				14	86	48	13								
	1914	162	54.7	.119				29	70	21	41	1							

DRESSERS: Male.

Maine: 11 establishments..	1913	34	58.2	\$0.229											33	1			
	1914	31	58.2	.228											30	1			
Massachusetts: 12 establishments..	1913	130	54.6	.277								1	12	96	21				
	1914	147	54.0	.280									20	83	44				
New Hampshire: 7 establishments..	1913	37	57.8	.249										21	16				
	1914	38	54.7	.269										10	18	10			
Rhode Island: 5 establishments..	1913	72	56.0	.280										13	59				
	1914	65	54.0	.294										4	21	40			
Other States: 11 establishments..	1913	74	58.0	.246							5	2	38	20	9				
	1914	75	57.0	.264							3	4	24	21	23				
Total: 46 establishments..	1913	347	56.3	.263							5	3	117	192	30				
	1914	356	55.1	.274							3	4	88	144	117				

LABORERS, DYEHOUSE: Male.

Connecticut: 5 establishments..	1913	38	58.5	\$0.157						22	16								
	1914	44	56.5	.161						20	24								
Maine: 11 establishments..	1913	72	58.1	.158					2	40	28	2							
	1914	59	58.2	.160					1	30	26	2							
Massachusetts: 12 establishments..	1913	512	54.2	.155					39	392	75	6							
	1914	701	54.0	.153					9	617	157	18							
New Hampshire: 7 establishments..	1913	126	57.8	.166					1	44	81								
	1914	122	54.8	.178					1	4	45	70	1		1				
New Jersey: 3 establishments..	1913	131	55.2	.173						35	48	39	9						
	1914	129	55.3	.173					2	20	54	36	11						
Rhode Island: 5 establishments..	1913	116	56.0	.156					7	71	33	3	2						
	1914	258	54.0	.155				1	50	139	61	4	3						
Other States: 3 establishments..	1913	46	58.5	.155					5	29	10	2							
	1914	102	59.2	.146					51	32	18	1							
Total: 46 establishments..	1913	1,041	55.6	.159					54	633	291	52	11						
	1914	1,415	54.8	.160				1	114	768	385	131	15	1					

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

LOOM FIXERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
Massachusetts:																				
12 establishments..	1913	248	54.2	\$0.302	.....	.....	.....	.....	.....	.....	1	.....	15	160	70	2				
	1914	282	54.0	.326	.....	.....	.....	.....	.....	.....	.....	.....	3	150	112	17				
New Hampshire:																				
7 establishments..	1913	81	57.9	.257	.....	.....	.....	.....	.....	.....	.....	.....	14	67	.....	.....				
	1914	83	54.9	.272	.....	.....	.....	.....	.....	.....	.....	.....	13	53	12	.....				
New Jersey:																				
3 establishments..	1913	70	55.0	.327	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	13	57	.....			
	1914	92	55.8	.334	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	62	7			
Rhode Island:																				
5 establishments..	1913	86	56.0	.322	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	65	.....			
	1914	87	54.0	.329	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	86	.....			
Other States:																				
20 establishments..	1913	96	58.5	.275	.....	.....	.....	.....	.....	.....	.....	.....	21	64	11	.....				
	1914	98	58.3	.280	.....	.....	.....	.....	.....	.....	.....	.....	18	65	15	.....				
Total:																				
47 establishments..	1913	581	55.8	.297	.....	.....	.....	.....	.....	.....	1	.....	50	325	203	2				
	1914	642	55.0	.313	.....	.....	.....	.....	.....	.....	.....	.....	40	291	257	24				

MENDERS: Female.

Connecticut:																				
6 establishments..	1913	58	58.0	\$0.196	.....	.....	.....	1	1	2	6	27	19	2	.....	.....				
	1914	60	54.9	.201	.....	.....	.....	3	2	3	5	12	32	3	.....	.....				
Maine:																				
10 establishments..	1913	96	58.0	.146	.....	.....	.....	5	35	34	22	.....	.....	.....	.....	.....				
	1914	109	58.0	.144	.....	.....	.....	2	59	26	22	.....	.....	.....	.....	.....				
Massachusetts:																				
11 establishments..	1913	749	54.0	.177	3	9	15	59	87	77	114	122	233	22	8	.....				
	1914	848	53.9	.197	2	4	4	33	76	99	73	111	344	82	20	.....				
New Hampshire:																				
6 establishments..	1913	49	57.8	.163	.....	.....	.....	1	14	8	10	1	15	.....	.....	.....				
	1914	51	54.6	.179	.....	.....	.....	1	7	3	16	3	20	1	.....	.....				
Rhode Island:																				
5 establishments..	1913	281	56.0	.195	.....	.....	.....	5	26	26	27	88	70	38	1	.....				
	1914	240	54.0	.205	.....	.....	.....	1	4	11	12	17	46	121	25	3	.....			
Other States:																				
4 establishments..	1913	130	58.2	.198	.....	.....	.....	2	8	23	29	15	26	22	5	.....				
	1914	186	54.6	.201	.....	.....	.....	7	10	21	24	40	52	23	9	.....				
Total:																				
42 establishments..	1913	1,363	55.4	.181	3	9	15	73	171	170	208	253	363	84	14	.....				
	1914	1,494	54.4	.195	2	4	6	56	161	161	157	212	569	134	32	.....				

SPINNERS, FRAME: Male.

Massachusetts:																				
3 establishments..	1913	115	54.0	\$0.136	.....	.....	.....	1	86	28	.....	.....	.....	.....	.....	.....				
	1914	282	53.9	.145	.....	.....	.....	8	101	160	12	1	.....	.....	.....	.....				

SPINNERS, FRAME: Female.

Massachusetts:																				
3 establishments..	1913	316	54.0	\$0.146	.....	.....	.....	.....	84	232	.....	.....	.....	.....	.....	.....				
	1914	553	53.8	.145	.....	.....	.....	.....	4	179	339	31	.....	.....	.....	.....				
New Jersey:																				
2 establishments..	1913	82	55.2	.128	.....	.....	.....	1	12	47	17	4	1	.....	.....	.....				
	1914	80	55.4	.142	.....	.....	.....	.....	1	22	50	7	.....	.....	.....	.....				
Rhode Island:																				
3 establishments..	1913	170	56.0	.138	.....	.....	.....	.....	85	85	.....	.....	.....	.....	.....	.....				
	1914	179	54.0	.145	.....	.....	.....	.....	1	36	132	10	.....	.....	.....	.....				
Other States:																				
1 establishment..	1913	174	58.0	.139	.....	.....	.....	.....	4	90	70	10	.....	.....	.....	.....				
	1914	158	55.0	.155	.....	.....	.....	.....	2	37	3	111	5	.....	.....	.....				
Total:																				
9 establishments..	1913	742	55.5	.140	.....	.....	.....	.....	1	16	306	404	14	1	.....	.....				
	1914	970	54.2	.147	.....	.....	.....	.....	8	274	524	159	5	.....	.....	.....				

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

SPINNERS, MULE: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Connecticut: 5 establishments..	1913	59	59.0	\$0.206						2	16	18	13	8	2			
	1914	47	58.1	.194				1		1	16	12	13	4				
Maine: 11 establishments..	1913	153	58.2	.218					3	3	11	29	85	19	3			
	1914	123	58.3	.224							5	22	70	23	3			
Massachusetts: 10 establishments..	1913	276	54.2	.253						2	1	4	13	102	117	37		
	1914	327	54.1	.268						2	1	11	114	118	73	8		
New Hampshire: 7 establishments..	1913	124	58.0	.224						2	28	9	56	14	15			
	1914	116	54.9	.239						1	4	3	70	30	8			
New Jersey: 2 establishments..	1913	64	55.4	.272						1	2	1	6	50	4			
	1914	70	55.3	.292								1	1	54	14			
Rhode Island: 4 establishments..	1913	79	56.0	.243							6	12	22	38	1			
	1914	64	54.0	.253						1	7	6	15	31	3	1		
Other States: 3 establishments..	1913	73	58.5	.248				1	2	1	1	3	33	14	17	1		
	1914	109	50.3	.249						1	3	12	51	16	26			
Total: 42 establishments..	1913	828	56.5	.239				1	7	10	68	85	317	280	79	1		
	1914	856	55.8	.252				1		6	36	67	334	276	127	9		

TWISTERS: Female.

Massachusetts: 3 establishments..	1913	246	54.0	\$0.139	.....	.....	.....	.....	4	110	132	.....	.....	.....	.....	.....
	1914	432	54.0	.149	.....	.....	.....	.....	3	71	331	26	1	.....	.....	.....
New Jersey: 2 establishments..	1913	129	55.1	.127	.....	.....	4	11	96	13	5	.....	.....	.....	.....	.....
	1914	188	55.2	.127	.....	.....	1	77	67	35	7	1	.....	.....	.....	.....
Rhode Island: 4 establishments..	1913	106	56.0	.146	.....	.....	.....	2	45	44	7	4	4	.....	.....	.....
	1914	136	54.0	.165	.....	.....	.....	4	20	76	8	7	10	8	3	.....
Other States: 2 establishments..	1913	97	59.1	.129	.....	.....	.....	54	13	15	14	1	.....	.....	.....	.....
	1914	128	54.3	.130	.....	.....	.....	86	1	9	23	9	.....	.....	.....	.....
Total: 11 establishments..	1913	578	55.5	.136	.....	.....	4	71	264	204	26	5	4	.....	.....	.....
	1914	884	54.3	.144	.....	.....	1	170	159	451	64	18	10	8	3	.....

WEAVERS: Male.

Connecticut: 6 establishments..	1913	297	58.6	\$0.248	.....	.....	1	1	4	12	18	27	88	98	49	4
	1914	315	56.5	.241	.....	.....	.....	2	5	9	22	30	109	103	33	2
Maine: 11 establishments..	1913	398	58.2	.230	.....	.....	.....	7	9	23	52	48	121	85	49	4
	1914	326	58.3	.221	.....	.....	1	4	16	21	33	34	122	72	23	.....
Massachusetts: 12 establishments..	1913	1,323	54.4	.239	.....	.....	.....	3	23	27	62	100	139	408	370	181
	1914	1,887	54.0	.248	.....	.....	2	4	11	23	63	85	174	580	648	286
New Hampshire: 7 establishments..	1913	502	57.8	.212	.....	.....	.....	2	4	11	29	62	83	235	68	8
	1914	440	54.6	.215	.....	.....	.....	4	7	7	22	38	78	206	61	16
New Jersey: 3 establishments..	1913	279	55.0	.218	.....	.....	.....	8	17	19	30	49	72	57	27	.....
	1914	350	55.6	.214	.....	.....	.....	9	33	30	42	38	90	87	21	.....
Rhode Island: 5 establishments..	1913	647	56.0	.244	.....	.....	.....	8	9	30	39	55	212	196	97	1
	1914	565	54.0	.249	.....	.....	3	1	6	13	31	32	40	145	168	124

TABLE II.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

WEAVERS: Male—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.															
					6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.				
Vermont:																				
2 establishments..	1913	285	57.9	\$0.218	.....	.....	1	5	9	21	26	36	110	63	14	.....				
	1914	206	57.8	.235	.....	.....	.....	.....	3	4	11	24	89	61	13	.....				
Other States:																				
1 establishment...	1913	103	60.0	.204	.....	.....	1	.....	6	25	26	34	7	3	1					
	1914	224	60.0	.224	.....	1	2	.....	5	40	32	109	30	4	1					
Total:																				
47 establishments..	1913	3,834	56.3	.232	.....	7	57	86	202	352	463	1,280	939	428	20					
	1914	4,312	55.2	.238	.....	5	11	41	100	185	303	450	1,450	1,230	520	17				

WEAVERS: Female.

Connecticut:																				
6 establishments..	1913	68	58.0	\$0.228	.....	.....	.....	.....	4	7	10	28	13	6	.....					
	1914	47	54.8	.212	.....	.....	.....	.....	1	2	7	9	22	5	1	.....				
Maine:																				
11 establishments..	1913	263	58.0	.210	.....	.....	7	13	26	30	58	74	38	15	2					
	1914	228	58.0	.193	.....	1	8	17	26	32	49	73	19	3	.....					
Massachusetts:																				
12 establishments..	1913	1,064	54.0	.216	.....	.....	19	32	57	124	165	405	209	42	1					
	1914	1,374	54.0	.228	.....	1	5	18	29	82	127	186	447	362	112	5				
New Hampshire:																				
7 establishments..	1913	761	57.9	.184	.....	1	1	15	33	125	202	193	152	30	9	.....				
	1914	734	54.8	.193	.....	1	8	21	27	53	142	191	244	36	10	1				
New Jersey:																				
3 establishments..	1913	722	55.0	.169	.....	.....	2	68	182	126	96	85	106	46	11	.....				
	1914	772	55.2	.168	.....	.....	22	109	110	128	112	107	139	40	5	.....				
Rhode Island:																				
6 establishments..	1913	374	56.0	.199	.....	.....	17	30	35	60	71	101	48	11	1					
	1914	452	54.0	.195	1	3	13	27	41	59	40	139	64	16	.....					
Vermont:																				
2 establishments..	1913	196	57.9	.217	.....	.....	1	3	4	14	29	27	67	42	9	.....				
	1914	76	57.9	.234	.....	.....	.....	.....	3	4	7	35	25	2	.....					
Other States:																				
1 establishment...	1913	55	60.0	.193	.....	.....	.....	.....	1	4	14	15	21	.....	.....					
	1914	106	54.0	.207	.....	.....	.....	.....	1	14	33	51	7	.....	.....					
Total:																				
47 establishments..	1913	3,493	56.0	.197	.....	1	4	129	295	391	562	624	954	426	103	4				
	1914	3,789	54.8	.202	1	5	49	183	225	344	497	622	1,150	558	149	6				

WOOL SORTERS: Male.

Massachusetts:																				
4 establishments..	1913	159	54.0	\$0.278	.....	.....	.....	.....	.....	.....	3	1	154	1	.....					
	1914	239	54.0	.268	.....	.....	.....	.....	.....	1	2	9	31	186	10	.....				
New Hampshire:																				
3 establishments..	1913	31	58.0	.292	.....	.....	.....	.....	.....	.....	1	4	16	10	.....					
	1914	34	54.9	.296	.....	.....	.....	.....	.....	.....	2	.....	11	21	.....					
Rhode Island:																				
2 establishments..	1913	38	56.0	.296	.....	.....	.....	.....	.....	.....	.....	2	13	23	.....					
	1914	65	54.0	.316	.....	.....	.....	.....	.....	.....	.....	.....	20	45	.....					
Other States:																				
5 establishments..	1913	18	56.3	.249	.....	.....	.....	.....	1	.....	2	5	10	.....	.....					
	1914	34	55.6	.236	.....	.....	.....	.....	1	1	6	12	11	2	1					
Total:																				
14 establishments..	1913	246	55.0	.281	.....	.....	.....	.....	1	.....	6	12	193	34	.....					
	1914	372	54.2	.276	.....	.....	.....	.....	2	3	17	43	228	78	1					

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

BURLERS: Female.

State.	Piece-workers or time-workers.	No. of es-tab-lish-m'ts.	Num-ber of em-ploy-ees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Conn.....	Piece..	5	46	54.9	\$0.175	.....	.....	.....	3	6	11	9	4	11	2	.....	.....		
	Time..	1	8	55.0	.109	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....		
Me.....	Total.	6	54	54.9	.166	.....	.....	.....	11	6	11	9	4	11	2	.....	.....		
	Piece..	2	4	58.0	.138	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....		
	Time..	10	53	58.0	.106	.....	.....	15	33	4	1	.....	.....	.....	.....	.....	.....		
	Total.	10	57	58.0	.108	.....	.....	15	33	6	3	.....	.....	.....	.....	.....	.....		
Mass.....	Piece..	7	485	53.6	.159	2	2	6	42	105	95	107	60	63	3	.....	.....		
	Time..	4	254	54.0	.129	.....	.....	.....	12	214	27	.....	1	.....	.....	.....	.....		
	Total.	10	739	53.8	.149	2	2	6	54	319	122	107	61	63	3	.....	.....		
	Piece..	6	255	54.9	.189	.....	1	2	5	23	23	28	82	80	11	.....	.....		
N. H.....	Time..	3	103	55.0	.129	.....	.....	.....	.....	93	1	6	3	.....	.....	.....	.....		
	Total.	7	358	55.0	.171	.....	1	2	5	116	24	34	85	80	11	.....	.....		
N. J.....	Piece..	3	160	55.6	.153	.....	.....	2	27	26	39	30	19	16	1	.....	.....		
	Time..	1	154	56.0	.115	.....	.....	10	75	67	2	.....	.....	.....	.....	.....	.....		
	Total.	3	314	55.8	.134	.....	.....	12	102	93	41	30	19	16	1	.....	.....		
	Piece..	5	145	54.0	.185	.....	1	4	23	22	8	19	12	22	33	1	.....		
Other States..	Time..	2	69	54.5	.187	.....	.....	1	.....	.....	.....	20	32	16	.....	.....	.....		
	Total.	3	88	55.2	.171	.....	.....	1	17	1	1	20	32	16	.....	.....	.....		
All States.	Piece..	30	1,164	54.4	.170	2	4	15	100	184	178	213	209	208	50	1	.....		
	Time..	20	591	55.2	.122	.....	.....	25	145	379	32	6	4	.....	.....	.....	.....		
	Total.	44	1,755	54.6	.154	2	4	40	245	563	210	219	213	208	50	1	.....		

CARDING-MACHINE TENDERS: Male.

Me.....	Time..	10	59	58.2	\$0.142				1	30	24	4					
Mass.....	do..	9	157	54.6	.144					107	28	22					
N. H.....	do..	5	38	55.1	.155						28	10					
R. I.....	do..	4	30	54.0	.147				4	3	20	3					
Other States..	do..	10	87	57.8	.151				7	9	38	25	6	2			
	Total.	38	371	55.9	.147				12	149	138	64	6	2			

CARD STRIPPERS: Male.

Me.....	Time..	11	38	58.2	\$0.169					1	37						
Mass.....	do..	10	38	54.3	.169					5	77	4	2				
N. H.....	do..	7	51	55.2	.166					12	35	4					
Other States..	Piece..	1	5	56.0	.143				2	2	1						
	Time..	14	63	56.3	.175					2	10	30	13	8			
Total.		14	68	56.3	.173				2	2	12	31	13	8			
All States.	Piece..	1	5	56.0	.143				2	2	1						
	Time..	42	240	55.7	.170					2	28	179	21	10			
Total.		42	245	55.7	.169				2	2	30	180	21	10			

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Con.

COMBERS: Male.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.	
Mass.....	Time..	3	187	55.4	\$0.164	.....	.....	.....	.....	.....	99	57	31	.....	.....	.....	.....	
Other States..	Piece..	1	13	55.0	.154	.....	.....	.....	.....	.....	10	3	.....	.....	.....	.....	.....	
	Time..	2	15	57.1	.157	.....	.....	.....	.....	1	7	7	.....	.....	.....	.....	.....	
All States.	Total.	2	28	56.1	.155	.....	.....	.....	.....	1	17	10	.....	.....	.....	.....	.....	
	Piece..	1	13	55.0	.154	.....	.....	.....	.....	.....	10	3	.....	.....	.....	.....	.....	
	Time..	5	202	55.5	.163	.....	.....	.....	.....	1	106	64	31	.....	.....	.....	.....	
	Total.	5	215	55.5	.162	.....	.....	.....	.....	1	116	67	31	.....	.....	.....	.....	

COMBERS: Female.

All States..	Piece..	1	16	55.0	\$0.150					1	14	1					
	Time..	6	146	54.7	.116		29	70	20	27							
	Total..	6	162	54.7	.119		29	70	21	41	1						

DRESSERS: Male.

Me.....	Time..	11	31	58.2	\$0.228										30	1	
Mass.....	Piece..	3	64	54.0	.289										9	29	26
	Time..	12	83	54.0	.273										11	54	18
	Total..	12	147	54.0	.280										20	83	44
N. H.....	Piece..	1	1	55.0	.330												1
	Time..	7	37	54.7	.267										10	18	9
	Total..	7	38	54.7	.269										10	18	10
R. I.....	Piece..	1	14	54.0	.308												14
	Time..	5	51	54.0	.290										4	21	26
	Total..	5	65	54.0	.294										4	21	40
Other States..	Piece..	2	17	59.6	.294										1	8	8
	Time..	11	58	56.2	.255							3	4	23	13	15	
	Total..	11	75	57.0	.264							3	4	24	21	23	
All States..	Piece..	7	96	55.0	.293										10	37	49
	Time..	46	260	55.1	.266							3	4	78	107	68	
	Total..	46	356	55.1	.274							3	4	88	144	117	

LABORERS, DYEHOUSE: Male.

Conn.....	Time..	5	44	56.5	\$0.161						20	24					
Me.....	do...	11	59	58.2	.160					1	30	26	2				
Mass.....	do...	12	701	54.0	.158					9	517	157	18				
N. H.....	do...	7	123	54.8	.178					1	4	45	70		1	1	
N. J.....	do...	3	129	55.3	.173					2	26	54	36		11		
R. I.....	do...	5	258	54.0	.155				1	50	139	61	4	3			
Other States..	do...	3	102	59.2	.146					51	32	18	1				
	Total..	46	1,415	54.8	.160				1	114	768	385	131	15	1		

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Con.

LOOM FIXERS: Male.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Mass.....	Piece..	5	129	54.0	\$0.364										1	7	105	16	
	Time..	9	153	54.0	.294										2	143	7	1	
	Total.	12	282	54.0	.326										3	150	112	17	
N. H.....	Time..	7	83	54.9	.272										13	58	12	.....	
N. J.....	Piece..	2	33	55.9	.371												27	9	
	Time..	2	59	55.8	.313										6	17	35	1	
	Total.	3	92	55.8	.334										6	17	62	7	
R. I.....	Time..	5	87	54.0	.329											1	86	.....	
O t h e r States..	Piece..	5	41	58.7	.302												31	10	
	Time..	15	57	58.1	.204										15	34	5	.....	
	Total.	20	98	58.3	.280										18	65	15	.....	
All States.	Piece..	12	203	55.3	.353										1	38	142	22	
	Time..	38	439	54.9	.295										35	253	145	2	
	Total.	14	642	55.0	.313										40	291	287	24	

MENDERS: Female.

Conn.....	Piece..	3	28	55.0	\$0.191				3	2	3	4	3	11	2		
	Time..	4	32	54.8	.210							1	9	21	1		
	Total.	6	60	54.9	.201				3	2	3	5	12	32	3		
Me.....	Time..	10	109	58.0	.144				2	59	26	22					
	Total.	10	109	58.0	.144				2	59	26	22					
Mass.....	Piece..	7	799	53.9	.198	2	4	4	33	71	89	71	106	317	82	20	
	Time..	7	49	54.0	.186					5	10		5	27			
	Total.	11	848	53.9	.197	2	4	4	33	76	99	73	111	344	82	20	
N. H.....	Piece..	2	23	54.6	.162				1	7	3		2	3	6	1	
	Time..	5	28	54.6	.192								14		14		
	Total.	6	51	54.6	.179				1	7	3		16	3	20	1	
R. I.....	Piece..	5	233	54.0	.205				1	4	11	12	17	42	118	25	3
	Time..	2	7	54.0	.204								4	3			
	Total.	5	240	54.0	.205				1	4	11	12	17	46	121	25	3
Other States..	Piece..	3	181	54.6	.202				7	10	19	24	39	50	23	9	
	Time..	2	5	57.6	.183								1	2			
	Total.	4	186	54.6	.201				7	10	21	24	40	52	23	9	
All States.	Piece..	19	1,264	54.0	.199	2	4	6	54	97	123	118	193	502	133	32	
	Time..	30	230	56.2	.171				2	64	38	39	19	67	1		
	Total.	42	1,494	54.4	.195	2	4	6	56	161	161	157	212	569	134	32	

SPINNERS, FRAME: Male.

Mass.....	Time..	3	282	53.9	\$0.145				8	101	160	12	1				
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TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Con.

SPINNERS, FRAME: Female.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.	
Mass.....	Time..	3	553	53.8	\$0.145	.....	.....	.....	4	179	339	31	.....	.....	.....	.....	.....	
N. J.....	Piece..	2	80	55.4	.142	.....	.....	.....	1	22	50	7	.....	.....	.....	.....	.....	
R. I.....	Piece..	1	23	54.0	.158	.....	.....	.....	.....	.....	13	10	.....	.....	.....	.....	.....	
	Time..	3	156	54.0	.142	.....	.....	.....	1	36	119	.....	.....	.....	.....	.....	.....	
	Total..	3	179	54.0	.145	.....	.....	.....	1	36	132	10	.....	.....	.....	.....	.....	
Other States..	Piece..	1	15	55.0	.170	.....	.....	.....	.....	.....	3	7	.....	.....	.....	.....	.....	
	Time..	1	143	55.0	.154	.....	.....	.....	2	37	.....	104	.....	.....	.....	.....	.....	
	Total..	1	158	55.0	.155	.....	.....	.....	2	37	3	111	5	.....	.....	.....	.....	
All States..	Piece..	4	118	55.0	.149	.....	.....	.....	1	22	66	24	.....	.....	.....	.....	.....	
	Time..	7	852	54.1	.146	.....	.....	.....	7	252	458	135	.....	.....	.....	.....	.....	
	Total..	9	970	54.2	.147	.....	.....	.....	8	274	524	159	5	.....	.....	.....	.....	

SPINNERS, MULE: Male.

Conn.....	Piece..	3	28	57.9	\$0.202				1		1	3	12	7	4		
	Time..	2	19	58.4	.182							13		6			
	Total..	5	47	58.1	.194				1		1	16	12	13	4		
Me.....	Piece..	11	123	58.3	.224							5	22	70	23	3	
Mass.....	Piece..	10	322	54.1	.269						2	1	11	109	118	73	8
	Time..	1	5	54.0	.213									5			
	Total..	10	327	54.1	.268						2	1	11	114	118	73	8
N. H.....	Piece..	7	90	54.7	.246						1	1	2	48	30	8	
	Time..	3	26	55.7	.217						3	1	22				
	Total..	7	116	54.9	.239						1	4	3	70	30	8	
N. J.....	Piece..	2	70	55.3	.292							1	1	1	54	14	
R. I.....	do...	4	64	54.0	.253						1	7	6	15	31	3	1
Other States..	Piece..	2	82	59.9	.262						1	3	12	24	16	26	
	Time..	1	27	57.5	.209									27			
	Total..	3	109	59.3	.240						1	3	12	51	16	26	
All States..	Piece..	39	779	55.7	.257				1		6	20	66	274	276	127	9
	Time..	7	77	56.9	.205						16	1	60				
	Total..	42	856	55.8	.252				1		6	36	67	334	276	127	9

TWISTERS: Female.

Mass.....	Piece..	2	56	54.0	\$0.157						53	2	1				
	Time..	3	376	54.0	.148				3	71	278	24					
	Total..	3	432	54.0	.149				3	71	331	26	1				
N. J.....	Piece..	2	188	55.2	.127			1	77	67	35	7	1				
R. I.....	Piece..	1	32	54.0	.234						1	3	7	10	8	3	
	Time..	3	104	54.0	.143				4	20	75	5					
	Total..	4	136	54.0	.166				4	20	76	8	7	10	8	3	

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Con.

TWISTERS: Female—Concluded.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Other States..	Piece..	1	43	55.0	\$0.166	.....	.....	.....	2	1	9	22	9	.....	.....	.....	.....		
	Time..	2	85	54.0	.112	.....	.....	.....	84	.....	.....	1	.....	.....	.....	.....	.....		
	Total..	2	128	54.3	.130	.....	.....	.....	86	1	9	23	9	.....	.....	.....	.....		
All States..	Piece..	6	319	54.9	.148	.....	.....	1	79	68	98	34	18	10	8	3	.....		
	Time..	8	565	54.0	.141	.....	.....	.....	91	91	353	30	.....	.....	.....	.....	.....		
	Total..	11	884	54.3	.144	.....	.....	1	170	159	451	64	18	10	8	3	.....		

WEAVERS: Male.

Conn.....	Piece..	6	315	56.5	\$0.241				2	5	9	22	30	109	108	33	2
Me.....	do..	11	326	58.3	.221		1	4	16	21	33	34	122	72	23		
Mass.....	do..	12	1,887	54.0	.248		2	4	11	23	63	85	174	580	648	286	11
N. H.....	do..	7	440	54.6	.215			4	7	22	38	78	206	61	16	1	
N. J.....	do..	3	350	55.6	.214				9	33	30	42	38	90	87	21	
R. I.....	do..	5	565	54.0	.249		3	1	6	13	31	32	40	145	168	124	2
Vt.....	do..	2	205	57.8	.235					3	4	11	24	89	61	13	
Other States..	do..	1	224	60.0	.224			1	2		5	40	32	109	30	4	1
Total..		47	4,312	55.2	.238		5	11	41	100	185	303	450	1,450	1,230	520	17

WEAVERS: Female.

Conn.....	Piece.....	6	47	54.8	\$0.212				1	2	7	9	22	5	1	.....
Me.....	do.....	11	228	58.0	.193		1	8	17	26	32	49	73	19	3	.....
Mass.....	do.....	12	1,374	54.0	.228		1	5	18	29	82	127	186	447	362	112
N. H.....	do.....	7	734	54.8	.193		1	8	21	27	53	142	191	244	36	10
N. J.....	do.....	3	772	55.2	.168				22	109	110	128	112	107	139	40
R. I.....	do.....	5	452	54.0	.195	1	3		13	27	41	49	59	40	139	64
Vt.....	do.....	2	76	57.9	.234					3	4	7	35	25	2	.....
Other States..	do.....	1	106	54.0	.207						1	14	33	51	7	.....
Total..		47	3,789	54.8	.202	1	5	49	183	226	344	497	622	1,150	558	149

WOOL SORTERS: Male.

Mass.....	Piece..	3	161	54.0	\$0.282										151	10	
	Time..	1	78	54.0	.239						1	2	9	31	35		
	Total..	4	239	54.0	.268						1	2	9	31	186	10	
N. H.....	Piece..	2	32	54.9	.302										11	21	
	Time..	1	2	55.0	.191								2				
	Total..	3	34	54.9	.296								2		11	21	
R. I.....	Piece..	1	47	54.0	.334										2	45	
	Time..	1	18	54.0	.270										18		
	Total..	2	65	54.0	.316										20	45	
Other States..	Piece..	2	31	55.5	.238								6	12	11	1	1
	Time..	3	3	57.0	.223						1	1				1	
	Total..	5	34	55.6	.236						1	1	6	12	11	2	1
All States..	Piece..	8	271	54.3	.288								6	12	175	77	1
	Time..	6	101	54.1	.243						2	3	11	31	52	1	
	Total..	14	372	54.2	.276						2	3	17	43	228	78	1

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Con.

OTHER EMPLOYEES: Male.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Conn.....	Piece..	4	15	55.1	\$0.220	1	1	1	.....	1	1	1	.....	3	2	4	.....		
	Time..	6	351	56.9	.204	.....	5	4	12	9	55	71	39	64	64	18	10		
	Total.	6	366	56.8	.205	1	6	5	12	10	56	72	39	67	66	22	10		
Me.....	Piece..	4	7	58.3	.348	1	.....	.....	.....	.....	.....	.....	.....	2	1	1	2		
	Time..	11	584	59.5	.191	.....	6	3	18	35	122	145	52	139	27	25	12		
	Total.	11	591	59.5	.193	1	6	3	18	35	122	145	52	141	28	26	14		
Mass.....	Piece..	7	685	53.9	.237	*3	2	1	15	25	42	66	55	143	234	94	5		
	Time..	12	6,419	54.4	.171	.....	.....	3	496	1,238	1,866	919	381	791	583	105	8		
	Total.	12	7,104	55.4	.178	*3	2	4	511	1,263	1,937	985	436	934	817	199	13		
N. H.....	Piece..	5	234	54.9	.200	*7	2	.....	.....	1	31	42	51	60	28	12	.....		
	Time..	7	1,416	55.9	.180	.....	2	2	85	121	294	378	198	223	67	40	6		
	Total.	7	1,650	55.8	.183	*7	4	2	85	122	325	420	249	283	95	52	6		
N. J.....	Piece..	2	809	56.0	.166	*8	7	22	44	110	221	145	105	101	28	17	1		
	Time..	2	446	59.2	.177	.....	....	4	29	54	131	60	32	87	32	14	3		
	Total.	2	1,255	57.1	.170	*8	7	26	73	164	352	205	137	188	60	31	4		
R. I.....	Piece..	5	81	54.0	.193	1	.....	.....	.....	16	3	13	16	19	11	2	.....		
	Time..	5	1,427	55.0	.194	21	15	71	78	157	186	206	153	196	238	83	23		
	Total.	5	1,508	54.9	.194	22	15	71	78	173	189	219	160	215	249	85	23		
Vt.....	Piece..	1	17	60.1	.164	*2	.....	.....	2	1	2	3	3	2	2	.....	.....		
	Time..	2	544	58.3	.178	.....	2	1	23	16	228	84	45	98	30	15	2		
	Total.	2	561	58.4	.178	*2	2	1	25	17	230	87	48	100	32	15	2		
Other States..	Piece..	1	71	59.2	.145	.....	.....	.....	6	31	22	9	.....	.....	3	.....	.....		
	Time..	1	689	60.9	.162	.....	3	6	36	61	325	76	54	69	28	10	1		
	Total.	1	740	60.7	.160	.....	3	6	42	92	347	85	54	69	31	10	1		
All States..	Piece..	29	1,919	55.2	.197	*23	12	24	67	185	322	279	230	330	309	130	8		
	Time..	46	11,856	55.7	.177	21	33	94	777	1,691	3,236	1,939	954	1,667	1,069	310	65		
	Total.	46	13,775	55.6	.180	*44	45	118	844	1,876	3,558	2,218	1,184	1,997	1,378	440	73		

OTHER EMPLOYEES: Female.

Conn.....	Piece..	6	67	54.9	\$0.187	....	....	3	2	7	9	9	16	15	3	2	1
	Time..	6	58	54.9	.119	....	13	14	15	2	3	2	1	8	....	....	....
	Total.	6	125	54.9	.155	....	13	17	17	9	12	11	17	23	3	2	1
Me.....	Piece..	11	66	58.0	.155	....	....	15	18	9	8	9	9	4	3	....	....
	Time..	11	147	58.0	.125	....	6	3	94	14	5	17	1	7	....	....	....
	Total.	11	213	58.0	.134	....	6	3	109	32	14	25	10	11	3	....	....
Mass.....	Piece..	12	775	52.7	.164	*56	31	28	50	95	110	132	103	105	47	18	....
	Time..	12	3,142	53.5	.133	....	....	9	526	1,513	968	50	19	30	27	....	....
	Total.	12	3,917	53.4	.139	*56	31	37	576	1,606	1,078	182	122	135	74	18	....

¹ Earning under 6 cents per hour.² Including 1 employee earning under 6 cents per hour.³ Including 2 employees earning under 6 cents per hour.⁴ Including 3 employees earning under 6 cents per hour.⁵ Including 8 employees earning under 6 cents per hour.⁶ Including 23 employees earning under 6 cents per hour.

TABLE III.—AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR.
FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concl'd.

OTHER EMPLOYEES: Female—Concluded.

State.	Piece-workers or time-workers.	No. of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						6 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
N. H.	Piece..	7	265	54.9	\$0.157	16	4	1	27	64	57	40	35	17	12	2	.....		
	Time..	7	775	54.9	.135	.....	.....	54	223	150	251	47	27	22	1	.....	.....		
Total..		7	1,040	54.9	.141	16	4	55	250	214	308	87	62	39	13	2	.....		
N. J.	Piece..	2	702	55.9	.136	*4	7	71	205	164	91	87	28	33	10	2	.....		
	Time..	2	74	55.3	.123	.....	.....	20	25	7	14	3	1	1	3	.....	.....		
Total..		2	776	55.8	.135	*4	7	91	230	171	105	90	29	34	13	2	.....		
R. I.	Piece..	5	279	54.0	.177	*12	6	4	10	42	44	43	41	48	16	13	.....		
	Time..	5	1,010	54.0	.129	102	25	47	165	318	255	44	38	16	.....	.....	.....		
Total..		5	1,289	54.0	.139	*114	31	51	175	360	299	87	79	64	16	13	.....		
Vt.	Piece..	2	72	57.9	.175	*6	2	4	6	5	7	6	9	18	5	4	.....		
	Time..	2	39	57.9	.124	11	2	.....	7	2	9	4	1	3	.....	.....	.....		
Total..		2	111	57.9	.157	*17	4	4	13	7	16	10	10	21	5	4	.....		
Other States..	Piece..	1	100	53.9	.168	1	1	2	10	9	12	13	29	23	.....	.....	.....		
	Time..	1	199	53.8	.131	.....	4	.....	80	41	66	.....	.....	8	.....	.....	.....		
Total..		1	299	53.8	.144	1	5	2	90	50	78	13	29	31	.....	.....	.....		
All States	Piece..	46	2,326	54.5	.157	*85	51	113	325	404	339	338	270	263	96	41	1		
	Time..	46	5,444	54.0	.132	113	50	147	1,135	2,047	1,571	167	88	95	31	.....	.....		
Total..		46	7,770	54.2	.139	*198	101	260	1,460	2,451	1,910	505	358	358	127	41	1		

* Including 3 employees earning under 6 cents per hour.

* Including 1 employee earning under 6 cents per hour.

* Including 4 employees earning under 6 cents per hour.

* Including 2 employees earning under 6 cents per hour.

* Including 33 employees earning under 6 cents per hour.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914.

[The figures opposite each group of years are for identical establishments.]

NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Burlers, female.</i>											
18 establishments.....	1907	611	58.3	\$0.122	(1)	.....	.....	57	372	182	.....
	1908	494	58.0	.116	(1)	.....	.....	60	342	92	.....
	1909	582	58.0	.123	(1)	.....	.....	73	394	115	.....
	1910	598	56.9	.124	(1)	.....	.....	404	95	99	.....
26 establishments.....	1910	1,034	56.5	.130	\$7.33	.....	.....	839	96	99	.....
	1911	1,010	56.6	.127	7.20	.....	.....	799	79	132	.....
43 establishments.....	1911	1,516	56.8	.130	7.36	.....	.....	979	405	132	.....
	1912	1,471	55.9	.147	8.22	.....	712	243	412	104	.....
44 establishments.....	1912	1,562	55.9	.145	8.25	.....	724	268	466	104	.....
	1913	1,635	55.6	.146	8.13	.....	733	464	398	40	.....
44 establishments.....	1913	1,643	55.6	.146	8.14	.....	856	321	426	40	.....
	1914	1,755	54.6	.154	8.41	21	942	707	85	.....	.....
<i>Carding-machine tenders, male.</i>											
19 establishments.....	1907	145	58.6	.126	(1)	.....	.....	13	70	62	.....
	1908	136	58.6	.121	(1)	.....	.....	13	64	59	.....
	1909	134	58.4	.124	(1)	.....	.....	13	74	47	.....
	1910	133	57.3	.125	(1)	.....	.....	69	35	29	.....
26 establishments.....	1910	201	56.9	.127	7.25	.....	.....	132	40	29	.....
	1911	196	56.9	.141	8.02	.....	.....	133	36	27	.....
40 establishments.....	1911	320	57.1	.136	7.73	.....	.....	176	112	32	.....
	1912	412	56.4	.135	7.64	.....	147	76	137	52	.....
	1913	329	56.3	.142	8.01	.....	106	79	119	25	.....
38 establishments.....	1913	333	56.5	.144	8.11	.....	100	73	128	32	.....
	1914	371	55.9	.147	8.20	.....	182	63	72	44	10
<i>Card strippers, male.</i>											
18 establishments.....	1907	89	58.2	.145	(1)	.....	.....	17	38	34	.....
	1908	79	58.1	.145	(1)	.....	.....	15	39	25	.....
	1909	80	58.1	.151	(1)	.....	.....	13	42	25	.....
	1910	88	57.7	.151	(1)	.....	.....	32	30	26	.....
27 establishments.....	1910	162	57.0	.153	8.69	.....	.....	104	32	26	.....
	1911	155	56.9	.153	8.71	.....	.....	100	32	23	.....
42 establishments.....	1911	223	57.1	.151	8.62	.....	.....	116	82	25	.....
	1912	240	56.9	.163	9.29	.....	69	37	94	40	.....
	1913	238	56.4	.167	9.41	.....	69	58	102	9	.....
42 establishments.....	1913	236	56.5	.168	9.46	.....	63	54	107	12	.....
	1914	245	55.7	.169	9.42	.....	119	51	50	24	1
<i>Combers, male.</i>											
4 establishments.....	1907	52	58.5	.133	(1)	.....	.....	.....	39	13	.....
	1908	29	58.6	.131	(1)	.....	.....	.....	21	8	.....
	1909	29	58.6	.137	(1)	.....	.....	.....	21	8	.....
	1910	42	57.2	.140	(1)	.....	.....	29	.....	13	.....
6 establishments.....	1910	106	56.5	.139	7.87	.....	.....	93	.....	13	.....
	1911	124	56.5	.138	7.82	.....	.....	108	.....	16	.....
9 establishments.....	1911	188	56.5	.141	7.94	.....	.....	154	18	16	.....
	1912	181	55.1	.156	8.56	.....	130	14	22	15	.....
	1913	115	54.8	.156	8.51	.....	89	7	19	.....	.....
5 establishments.....	1913	112	54.8	.156	8.52	.....	89	4	19	.....	.....
	1914	215	55.5	.162	9.01	.....	147	17	.....	51	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Combers, female.</i>											
4 establishments.....	1907	101	55.7	\$0.099	(1)	.....	.....	79	18	4	.....
	1908	117	55.8	.099	(1)	.....	.....	91	20	6	.....
	1909	111	55.8	.102	(1)	.....	.....	85	22	4	.....
	1910	110	55.4	.110	(1)	.....	.....	106	.....	4	.....
6 establishments.....	1910	129	55.5	.111	\$6.13	.....	.....	125	.....	4	.....
	1911	118	55.4	.109	6.02	.....	.....	114	.....	4	.....
7 establishments.....	1911	139	55.8	.109	6.10	.....	.....	114	21	4	.....
	1912	150	55.8	.116	6.47	.....	.....	123	20	7	.....
	1913	163	56.1	.117	6.57	.....	2	123	25	13	.....
6 establishments.....	1913	161	56.1	.117	6.56	.....	.....	123	25	13	.....
	1914	162	54.7	.119	6.53	.....	40	122	.....	.....	.....
<i>Dressers, male.</i>											
19 establishments.....	1907	119	58.8	.224	(1)	.....	.....	6	57	56	.....
	1908	97	58.4	.225	(1)	.....	.....	7	60	30	.....
	1909	126	58.3	.224	(1)	.....	.....	17	66	43	.....
	1910	126	57.9	.228	(1)	.....	.....	45	37	44	.....
27 establishments.....	1910	214	57.1	.242	13.80	.....	.....	131	39	44	.....
	1911	215	57.1	.239	13.65	.....	.....	136	35	44	.....
46 establishments.....	1911	337	57.1	.243	13.85	.....	.....	196	94	47	.....
	1912	384	56.4	.262	14.71	.....	108	136	98	42	.....
	1913	346	56.2	.261	14.66	.....	98	129	103	16	.....
46 establishments.....	1913	347	56.3	.263	14.80	.....	91	129	104	23	.....
	1914	356	55.1	.274	15.04	.....	227	63	41	25	.....
<i>Laborers, dyehouse, male.</i>											
19 establishments.....	1907	434	58.1	.144	(1)	.....	.....	50	283	101	.....
	1908	385	57.8	.140	(1)	.....	.....	63	260	62	.....
	1909	514	57.9	.137	(1)	.....	.....	82	324	108	.....
	1910	570	56.5	.142	(1)	.....	.....	444	70	56	.....
27 establishments.....	1910	837	56.3	.143	8.06	.....	.....	708	73	56	.....
	1911	877	56.5	.145	8.16	.....	.....	719	60	98	.....
45 establishments.....	1911	1,116	56.6	.145	8.22	.....	.....	821	193	102	.....
	1912	1,093	55.5	.157	8.72	.....	561	272	185	75	.....
	1913	1,033	55.5	.159	8.81	.....	475	302	231	25	.....
46 establishments.....	1913	1,041	55.6	.159	8.84	.....	464	302	245	30	.....
	1914	1,415	54.8	.160	8.74	.....	985	255	93	82	.....
<i>Loom fixers, male.</i>											
19 establishments.....	1907	223	58.0	.267	(1)	.....	.....	31	140	52	.....
	1908	218	57.9	.262	(1)	.....	.....	32	151	35	.....
	1909	242	58.1	.263	(1)	.....	.....	29	160	53	.....
	1910	260	57.0	.270	(1)	.....	.....	172	35	53	.....
27 establishments.....	1910	429	56.6	.279	15.76	.....	.....	338	38	53	.....
	1911	390	56.6	.278	15.70	.....	.....	309	37	44	.....
46 establishments.....	1911	569	56.7	.275	15.59	.....	.....	389	136	44	.....
	1912	589	55.9	.308	17.13	.....	222	191	125	51	.....
	1913	578	55.7	.298	16.56	.....	234	182	142	20	.....
47 establishments.....	1913	581	55.8	.297	16.55	.....	224	182	151	24	.....
	1914	642	55.0	.313	17.22	.....	382	175	48	37	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Menders, female.</i>											
18 establishments.....	1907	403	58.5	\$0.145	(1)	.....	.....	57	158	188	.....
	1908	341	58.4	.148	(1)	.....	.....	61	112	168	.....
	1909	583	58.8	.137	(1)	.....	.....	73	179	331	.....
	1910	498	58.0	.148	(1)	.....	.....	170	116	212	.....
25 establishments.....	1910	1,196	56.8	.160	\$8.41	.....	.....	868	116	212	.....
	1911	1,115	56.9	.159	9.05	.....	.....	801	75	239	.....
44 establishments.....	1911	1,623	56.8	.160	9.07	.....	.....	1,161	223	239	.....
	1912	1,668	55.7	.189	10.50	.....	892	339	236	201	.....
42 establishments.....	1912	1,589	55.6	.193	10.71	.....	892	314	182	201	.....
	1913	1,388	55.3	.183	10.11	.....	797	314	221	56	.....
42 establishments.....	1913	1,363	55.4	.181	10.02	.....	749	314	244	56	.....
	1914	1,494	54.4	.195	10.56	13	1,231	119	131	.....	.....
<i>Spinners, frame, male.</i>											
2 establishments.....	1910	114	56.0	.125	7.01	.....	.....	114	.....	.....	.....
	1911	134	56.0	.129	7.21	.....	.....	134	.....	.....	.....
3 establishments.....	1911	194	56.0	.132	7.37	.....	.....	194	.....	.....	.....
	1912	244	54.0	.158	8.53	.....	244	.....	.....	.....	.....
	1913	115	54.0	.136	7.33	.....	115	.....	.....	.....	.....
3 establishments.....	1913	115	54.0	.136	7.33	.....	115	.....	.....	.....	.....
	1914	282	53.9	.145	7.80	3	279	.....	.....	.....	.....
<i>Spinners, frame, female.</i>											
5 establishments.....	1907	323	57.6	.127	(1)	.....	.....	50	256	17	.....
	1908	284	57.5	.122	(1)	.....	.....	60	208	16	.....
	1909	295	57.5	.124	(1)	.....	.....	60	222	13	.....
	1910	286	56.0	.128	(1)	.....	.....	269	.....	17	.....
8 establishments.....	1910	578	56.0	.122	6.85	.....	.....	561	.....	17	.....
	1911	683	56.0	.127	7.17	.....	.....	671	.....	12	.....
10 establishments.....	1911	1,002	56.4	.126	7.07	.....	.....	801	189	12	.....
	1912	1,070	55.2	.144	7.92	.....	567	345	151	7	.....
	1913	751	55.5	.140	7.78	.....	325	252	174	.....	.....
9 establishments.....	1913	742	55.5	.140	7.79	.....	316	252	174	.....	.....
	1914	970	54.2	.147	7.95	11	721	238	.....	.....	.....
<i>Spinners, mule, male.</i>											
19 establishments.....	1907	384	58.6	.219	(1)	.....	.....	48	147	139	.....
	1908	267	58.2	.215	(1)	.....	.....	48	116	103	.....
	1909	297	58.2	.223	(1)	.....	.....	48	140	109	.....
	1910	320	57.5	.223	(1)	.....	.....	122	127	71	.....
26 establishments.....	1910	529	57.0	.224	12.75	.....	.....	322	136	71	.....
	1911	454	56.9	.231	13.16	.....	.....	286	101	67	.....
40 establishments.....	1911	638	57.3	.224	12.81	.....	.....	315	242	81	.....
	1912	719	56.5	.240	13.56	.....	255	107	275	82	.....
	1913	759	56.4	.238	13.39	.....	259	132	315	53	.....
42 establishments.....	1913	828	56.5	.239	13.45	.....	248	171	342	67	.....
	1914	856	55.8	.252	14.03	.....	429	150	166	96	15
<i>Twisters, female.</i>											
7 establishments.....	1907	186	57.2	.112	(1)	.....	.....	78	67	41	.....
	1908	138	57.6	.114	(1)	.....	.....	44	56	38	.....
	1909	223	58.0	.112	(1)	.....	.....	50	93	80	.....
	1910	216	57.2	.114	(1)	.....	.....	120	29	67	.....
10 establishments.....	1910	332	56.9	.126	7.16	.....	.....	227	29	76	.....
	1911	342	56.8	.124	7.03	.....	.....	258	.....	84	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Twisters, female—Concl'd.</i>											
12 establishments.....	1911	600	56.7	\$0.131	\$7.40	.....	.....	456	60	84	.....
	1912	751	55.7	.137	7.62	.....	385	209	36	121	.....
	1913	598	55.4	.135	7.50	.....	272	227	47	52	.....
11 establishments.....	1913	578	55.5	.136	7.55	.....	246	235	45	52	.....
	1914	894	54.3	.144	7.80	.....	652	232	.....	.....	.....
<i>Weavers, male.</i>											
19 establishments.....	1907	1,653	58.5	.203	(1)	.....	.....	185	743	725	.....
	1908	1,409	58.6	.196	(1)	.....	.....	43	849	517	.....
	1909	1,589	58.6	.199	(1)	.....	.....	49	1,001	539	.....
	1910	1,716	57.8	.199	(1)	.....	.....	704	468	544	.....
27 establishments.....	1910	2,907	57.1	.207	11.79	.....	.....	1,880	483	544	.....
	1911	2,563	57.1	.210	11.97	.....	.....	1,653	361	549	.....
46 establishments.....	1911	4,049	57.1	.210	11.97	.....	.....	2,430	1,032	587	.....
	1912	4,476	56.3	.237	13.30	.....	1,494	1,257	1,057	668	.....
	1913	3,845	56.1	.232	13.03	.....	1,227	1,213	1,220	185	.....
47 establishments.....	1913	3,834	56.3	.232	13.06	.....	1,072	1,213	1,316	233	.....
	1914	4,312	55.2	.238	13.10	.....	2,617	845	487	363	.....
<i>Weavers, female.</i>											
19 establishments.....	1907	1,873	58.0	.188	(1)	.....	.....	280	1,186	407	.....
	1908	1,882	57.7	.166	(1)	.....	.....	343	1,314	225	.....
	1909	1,807	57.6	.166	(1)	.....	.....	406	1,168	233	.....
	1910	2,116	56.4	.174	(1)	.....	.....	1,697	161	258	.....
27 establishments.....	1910	2,855	56.3	.180	10.14	.....	.....	2,411	186	258	.....
	1911	2,366	56.4	.178	10.06	.....	.....	1,924	148	294	.....
46 establishments.....	1911	3,384	56.8	.184	10.47	.....	.....	2,146	944	294	.....
	1912	3,586	55.9	.206	11.48	.....	1,390	1,002	909	285	.....
	1913	3,481	55.9	.197	11.00	.....	1,096	1,111	1,219	55	.....
47 establishments.....	1913	3,493	56.0	.197	11.03	.....	1,054	1,111	1,273	55	.....
	1914	3,789	54.3	.202	11.06	.....	1,998	1,487	304	.....	.....
<i>Wool sorters, male.</i>											
11 establishments.....	1907	184	58.0	.223	(1)	.....	.....	17	145	22	.....
	1908	164	57.8	.223	(1)	.....	.....	22	128	14	.....
	1909	186	57.9	.239	(1)	.....	.....	15	156	15	.....
	1910	193	56.5	.246	(1)	.....	.....	162	9	22	.....
18 establishments.....	1910	289	56.3	.247	13.86	.....	.....	255	12	22	.....
	1911	335	56.3	.249	14.03	.....	.....	299	13	23	.....
19 establishments.....	1911	444	56.4	.241	13.54	.....	.....	369	52	23	.....
	1912	471	55.2	.267	14.72	.....	289	101	66	15	.....
	1913	246	55.0	.281	15.43	.....	159	52	35	.....	.....
14 establishments.....	1913	246	55.0	.281	15.42	.....	159	52	35	.....	.....
	1914	372	54.2	.276	14.96	.....	307	63	2	.....	.....

PER CENT.

<i>Burlers, female.</i>											
18 establishments.....	1907	611	58.3	\$0.122	(1)	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.
	1908	494	58.0	.116	(1)	.....	.....	9	61	30	.....
	1909	582	58.0	.123	(1)	.....	.....	12	69	19	.....
	1910	598	56.9	.124	(1)	.....	.....	13	68	20	.....
						.....	.....	68	16	17	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Burlers, female—Concld.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
26 establishments.....	1910	1,034	56.5	\$0.130	\$7.33	.....	.....	81	9	10	.....
	1911	1,010	56.6	.127	7.20	.....	.....	79	8	13	.....
43 establishments.....	1911	1,516	56.8	.130	7.36	.....	.....	65	27	9	.....
	1912	1,471	55.9	.147	8.22	.....	48	17	28	7	.....
44 establishments.....	1912	1,562	55.9	.145	8.25	.....	46	17	30	7	.....
	1913	1,635	55.6	.146	8.13	.....	45	28	24	2	.....
44 establishments.....	1913	1,643	55.6	.146	8.14	.....	52	20	26	2	.....
	1914	1,755	54.6	.154	8.41	1	54	40	5	.....	.....
<i>Carding-machine tenders, male.</i>											
19 establishments.....	1907	145	58.6	.126	(1)	.....	.....	9	48	43	.....
	1908	136	58.6	.121	(1)	.....	.....	10	47	43	.....
	1909	134	58.4	.124	(1)	.....	.....	10	55	35	.....
	1910	133	57.3	.125	(1)	.....	.....	52	26	22	.....
26 establishments.....	1910	201	56.9	.127	7.25	.....	.....	66	20	14	.....
	1911	196	56.9	.141	8.02	.....	.....	68	18	14	.....
40 establishments.....	1911	320	57.1	.136	7.73	.....	.....	55	35	10	.....
	1912	412	56.4	.135	7.64	.....	36	18	33	13	.....
	1913	329	56.3	.142	8.01	.....	32	24	36	8	.....
38 establishments.....	1913	333	56.5	.144	8.11	.....	30	22	38	10	.....
	1914	371	55.9	.147	8.20	.....	49	17	19	12	3
<i>Card strippers, male.</i>											
18 establishments.....	1907	89	58.2	.145	(1)	.....	.....	19	43	38	.....
	1908	79	58.1	.145	(1)	.....	.....	19	49	32	.....
	1909	80	58.1	.151	(1)	.....	.....	16	53	31	.....
	1910	88	57.7	.151	(1)	.....	.....	36	34	30	.....
27 establishments.....	1910	162	57.0	.153	8.69	.....	.....	64	20	16	.....
	1911	155	56.9	.153	8.71	.....	.....	65	21	15	.....
42 establishments.....	1911	223	57.1	.151	8.62	.....	.....	52	37	11	.....
	1912	240	56.9	.163	9.29	.....	29	15	39	17	.....
	1913	238	56.4	.167	9.41	.....	29	24	43	4	.....
42 establishments.....	1913	236	56.5	.168	9.46	.....	27	23	45	5	.....
	1914	245	55.7	.169	9.42	.....	49	21	20	10	(2)
<i>Combers, male.</i>											
4 establishments.....	1907	52	58.5	.133	(1)	.....	.....	.....	75	25	.....
	1908	29	58.6	.131	(1)	.....	.....	.....	72	28	.....
	1909	29	58.6	.137	(1)	.....	.....	.....	72	28	.....
	1910	42	57.2	.140	(1)	.....	.....	69	.....	31	.....
6 establishments.....	1910	106	56.5	.139	7.87	.....	.....	88	.....	12	.....
	1911	124	56.5	.138	7.82	.....	.....	87	.....	13	.....
9 establishments.....	1911	188	56.5	.141	7.94	.....	.....	82	10	9	.....
	1912	151	55.1	.156	8.56	.....	72	8	12	8	.....
	1913	115	54.8	.156	8.51	.....	77	6	17	.....	.....
5 establishments.....	1913	112	54.8	.156	8.52	.....	79	4	17	.....	.....
	1914	215	55.5	.162	9.01	.....	68	8	.....	24	.....
<i>Combers, female.</i>											
4 establishments.....	1907	101	55.7	.099	(1)	.....	.....	78	18	4	.....
	1908	117	55.8	.099	(1)	.....	.....	78	17	5	.....
	1909	111	55.8	.102	(1)	.....	.....	77	20	4	.....
	1910	110	55.4	.110	(1)	.....	.....	96	.....	4	.....
6 establishments.....	1910	129	55.5	.111	6.13	.....	.....	97	.....	3	.....
	1911	118	55.4	.109	6.02	.....	.....	97	.....	3	.....

¹ Not computed.² Less than 1 per cent.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK
AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME
WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO
1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age full- time hours per week.	Aver- age rate of wages per hour.	Aver- age full- time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Combers, female—Concl'd.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
7 establishments.....	1911	139	55.8	\$0.109	\$6.10	.....	.....	82	15	3	.....
	1912	150	55.8	.116	6.47	.....	.....	82	13	5	.....
	1913	163	56.1	.117	6.57	.....	1	75	15	8	.....
6 establishments.....	1913	161	56.1	.117	6.56	.....	.....	76	16	8	.....
	1914	162	54.7	.119	6.55	.....	25	75	.....	.....	.....
<i>Dressers, male.</i>											
19 establishments.....	1907	119	58.8	.224	(¹)	.....	.....	5	48	47	.....
	1908	97	58.4	.225	(¹)	.....	.....	7	62	31	.....
	1909	126	58.3	.224	(¹)	.....	.....	13	52	34	.....
	1910	126	57.9	.228	(¹)	.....	.....	36	29	35	.....
27 establishments.....	1910	214	57.1	.242	13.80	.....	.....	61	18	21	.....
	1911	215	57.1	.239	13.65	.....	.....	63	16	20	.....
46 establishments.....	1911	337	57.1	.243	13.85	.....	.....	58	28	14	.....
	1912	334	56.4	.262	14.71	.....	28	35	26	11	.....
	1913	346	56.2	.261	14.66	.....	28	37	30	5	.....
46 establishments.....	1913	347	56.3	.263	14.80	.....	26	37	30	7	.....
	1914	356	55.1	.274	15.04	.....	64	18	12	7	.....
<i>Laborers, dyehouse, male.</i>											
19 establishments.....	1907	434	58.1	.144	(¹)	.....	.....	12	65	23	.....
	1908	385	57.8	.140	(¹)	.....	.....	16	68	16	.....
	1909	514	57.9	.137	(¹)	.....	.....	16	63	21	.....
	1910	570	56.5	.142	(¹)	.....	.....	78	12	10	.....
27 establishments.....	1910	837	56.3	.143	8.06	.....	.....	85	9	7	.....
	1911	877	56.5	.145	8.16	.....	.....	82	7	11	.....
45 establishments.....	1911	1,116	56.6	.145	8.22	.....	.....	74	17	9	.....
	1912	1,093	55.5	.157	8.72	.....	51	25	17	7	.....
	1913	1,033	55.5	.159	8.81	.....	46	29	22	2	.....
46 establishments.....	1913	1,041	55.6	.159	8.84	.....	45	29	24	3	.....
	1914	1,415	54.8	.160	8.74	.....	70	18	7	6	.....
<i>Loom fixers, male.</i>											
19 establishments.....	1907	223	58.0	.267	(¹)	.....	.....	14	63	23	.....
	1908	218	57.9	.262	(¹)	.....	.....	15	60	16	.....
	1909	242	58.1	.263	(¹)	.....	.....	12	66	22	.....
	1910	260	57.0	.270	(¹)	.....	.....	66	13	20	.....
27 establishments.....	1910	429	56.6	.279	15.76	.....	.....	79	9	12	.....
	1911	390	56.6	.278	15.70	.....	.....	79	9	11	.....
46 establishments.....	1911	569	56.7	.275	15.59	.....	.....	68	24	8	.....
	1912	589	55.9	.308	17.13	.....	38	32	21	9	.....
	1913	578	55.7	.298	16.56	.....	40	31	25	3	.....
47 establishments.....	1913	581	55.8	.297	16.55	.....	39	31	26	4	.....
	1914	642	55.0	.313	17.22	.....	60	27	7	6	.....
<i>Menders, female.</i>											
18 establishments.....	1907	403	58.5	.145	(¹)	.....	.....	14	39	47	.....
	1908	341	58.4	.148	(¹)	.....	.....	18	33	49	.....
	1909	583	58.8	.137	(¹)	.....	.....	13	81	57	.....
	1910	498	58.0	.148	(¹)	.....	.....	34	23	43	.....
25 establishments.....	1910	1,196	56.8	.160	8.41	.....	.....	73	10	18	.....
	1911	1,115	56.9	.159	9.05	.....	.....	72	7	21	.....
44 establishments.....	1911	1,623	56.8	.160	9.07	.....	.....	72	14	15	.....
	1912	1,668	55.7	.189	10.50	.....	53	20	14	12	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Menders, female—Concld.</i>						<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>	<i>P. ct.</i>
42 establishments.....	1912	1,589	55.6	\$0.193	\$10.71	.....	56	20	11	13	.....
	1913	1,388	55.3	.183	10.11	.....	57	23	16	4	.....
42 establishments.....	1913	1,363	55.4	.181	10.02	.....	55	23	18	4	.....
	1914	1,494	54.4	.195	10.56	1	82	8	9	.....	.....
<i>Spinners, frame, male.</i>											
2 establishments.....	1910	114	56.0	.125	7.01	.....	.....	100	.....	.....	.....
	1911	134	56.0	.129	7.21	.....	.....	100	.....	.....	.....
3 establishments.....	1911	194	56.0	.132	7.37	.....	.....	100	.....	.....	.....
	1912	244	54.0	.158	8.53	.....	100	.....	.....	.....	.....
	1913	115	54.0	.136	7.33	.....	100	.....	.....	.....	.....
3 establishments.....	1913	115	54.0	.136	7.33	.....	100	.....	.....	.....	.....
	1914	282	53.9	.145	7.80	1	99	.....	.....	.....	.....
<i>Spinners, frame, female.</i>											
5 establishments.....	1907	323	57.6	.127	(1)	.....	.....	15	79	5	.....
	1908	284	57.5	.122	(1)	.....	.....	21	73	6	.....
	1909	295	57.5	.124	(1)	.....	.....	20	75	4	.....
	1910	286	56.0	.128	(1)	.....	.....	94	.....	6	.....
8 establishments.....	1910	578	56.0	.122	6.85	.....	.....	97	.....	3	.....
	1911	683	56.0	.127	7.17	.....	.....	98	.....	2	.....
10 establishments.....	1911	1,002	56.4	.126	7.07	.....	.....	80	19	1	.....
	1912	1,070	55.2	.144	7.92	.....	53	32	14	1	.....
	1913	751	55.5	.140	7.78	.....	43	34	23	.....	.....
9 establishments.....	1913	742	55.5	.140	7.79	.....	43	34	23	.....	.....
	1914	970	54.2	.147	7.95	1	74	25	.....	.....	.....
<i>Spinners, mule, male.</i>											
19 establishments.....	1907	384	58.6	.219	(1)	.....	.....	13	38	49	.....
	1908	287	58.2	.215	(1)	.....	.....	18	43	39	.....
	1909	297	58.2	.223	(1)	.....	.....	16	47	37	.....
	1910	320	57.5	.223	(1)	.....	.....	38	40	22	.....
26 establishments.....	1910	529	57.0	.224	12.75	.....	.....	61	26	13	.....
	1911	454	56.9	.231	13.16	.....	.....	63	22	15	.....
40 establishments.....	1911	638	57.3	.224	12.81	.....	.....	49	38	13	.....
	1912	719	56.5	.240	13.56	.....	35	15	38	11	.....
	1913	759	56.4	.238	13.39	.....	34	17	42	7	.....
42 establishments.....	1913	828	56.5	.239	13.45	.....	30	21	41	8	.....
	1914	856	55.8	.252	14.03	.....	50	18	19	11	2
<i>Twisters, female.</i>											
7 establishments.....	1907	186	57.2	.112	(1)	.....	.....	42	36	22	.....
	1908	138	57.6	.114	(1)	.....	.....	32	41	28	.....
	1909	223	58.0	.112	(1)	.....	.....	22	42	36	.....
	1910	216	57.2	.114	(1)	.....	.....	56	13	31	.....
10 establishments.....	1910	332	56.9	.126	7.16	.....	.....	68	9	23	.....
	1911	342	56.8	.124	7.03	.....	.....	75	.....	25	.....
12 establishments.....	1911	600	56.7	.131	7.40	.....	.....	76	10	14	.....
	1912	751	55.7	.137	7.62	.....	51	28	5	16	.....
	1913	598	55.4	.135	7.50	.....	45	38	8	9	.....
11 establishments.....	1913	578	55.5	.136	7.55	.....	43	41	8	9	.....
	1914	884	54.3	.144	7.80	.....	74	26	.....	.....	.....

¹ Not computed.

TABLE IV.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Concluded.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
<i>Weavers, male.</i>											
19 establishments.....	1907	1,653	58.5	\$0.203	(1)	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
	1908	1,409	58.6	.196	(1)	.....	.....	11	45	44	.....
	1909	1,589	58.6	.199	(1)	.....	.....	3	60	37	.....
	1910	1,716	57.8	.199	(1)	.....	.....	3	63	34	.....
						.....	.....	41	27	32	.....
27 establishments.....	1910	2,907	57.1	.207	\$11.79	.....	.....	65	17	19	.....
	1911	2,563	57.1	.210	11.97	.....	.....	64	14	21	.....
46 establishments.....	1911	4,049	57.1	.210	11.97	.....	.....	60	25	14	.....
	1912	4,476	56.3	.237	13.30	.....	33	28	24	15	.....
	1913	3,845	56.1	.232	13.03	.....	32	32	32	5	.....
47 establishments.....	1913	3,834	56.3	.232	13.06	.....	28	32	34	6	.....
	1914	4,312	55.2	.238	13.10	.....	61	20	11	8	.....
<i>Weavers, female.</i>											
19 establishments.....	1907	1,873	58.0	.188	(1)	.....	.....	15	63	22	.....
	1908	1,882	57.7	.166	(1)	.....	.....	18	70	12	.....
	1909	1,807	57.6	.166	(1)	.....	.....	22	65	13	.....
	1910	2,116	56.4	.174	(1)	.....	.....	30	8	12	.....
27 establishments.....	1910	2,855	56.3	.180	10.14	.....	.....	84	7	9	.....
	1911	2,366	56.4	.178	10.06	.....	.....	81	6	12	.....
46 establishments.....	1911	3,384	56.8	.184	10.47	.....	.....	63	28	9	.....
	1912	3,586	55.9	.206	11.48	.....	39	28	25	8	.....
	1913	3,481	55.9	.197	11.00	.....	31	32	35	2	.....
47 establishments.....	1913	3,493	56.0	.197	11.03	.....	30	32	36	2	.....
	1914	3,789	54.8	.202	11.06	.....	53	39	8	.....	.....
<i>Wool sorters, male.</i>											
11 establishments.....	1907	184	58.0	.233	(1)	.....	.....	9	79	12	.....
	1908	164	57.8	.223	(1)	.....	.....	13	78	9	.....
	1909	186	57.9	.239	(1)	.....	.....	8	84	8	.....
	1910	193	56.5	.246	(1)	.....	.....	84	5	11	.....
18 establishments.....	1910	269	56.3	.247	13.86	.....	.....	88	4	8	.....
	1911	335	56.3	.249	14.03	.....	.....	89	4	7	.....
19 establishments.....	1911	444	56.4	.241	13.54	.....	.....	83	12	5	.....
	1912	471	55.2	.267	14.72	.....	61	21	14	3	.....
	1913	246	55.0	.281	15.43	.....	65	21	14	.....	.....
14 establishments.....	1913	246	55.0	.281	15.42	.....	65	21	14	.....	.....
	1914	372	54.2	.276	14.96	.....	83	17	1	.....	.....

¹ Not computed.

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914.

[The figures for both years are for identical establishments.]

BURLERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
						Under 54	54	Over 54 and under 57	57 and under 60	Over 60
Connecticut: 6 establishments.....	1913	41	58.0	\$0.100	\$9.29	.....	.....	.....	41	.....
	1914	54	54.9	.166	9.13	.....	5	49	.....	.....
Maine: 10 establishments.....	1913	90	58.0	.110	6.36	.....	.....	.....	90	.....
	1914	57	58.0	.108	6.28	.....	.....	.....	57	.....
Massachusetts: 10 establishments.....	1913	713	54.0	.142	7.66	.....	713	.....	.....	.....
	1914	739	53.8	.149	8.00	21	718	.....	.....	.....
New Hampshire: 7 establishments.....	1913	280	57.9	.165	9.57	.....	.....	6	274	.....
	1914	358	55.0	.171	9.42	.....	14	344	.....	.....
New Jersey: 3 establishments.....	1913	291	54.9	.133	7.31	.....	143	148	.....	.....
	1914	314	55.8	.134	7.49	.....	.....	314	.....	.....
Rhode Island: 5 establishments.....	1913	167	56.0	.166	9.29	.....	.....	167	.....	.....
	1914	145	54.0	.185	9.97	.....	145	.....	.....	.....
Other States: 3 establishments.....	1913	61	59.2	.166	9.84	.....	.....	.....	21	40
	1914	88	55.2	.171	9.38	.....	60	.....	28	.....
Total: 44 establishments.	1913	1,643	55.6	.146	8.14	.....	856	321	426	40
	1914	1,755	54.6	.154	8.41	21	942	707	85	.....

CARDING-MACHINE TENDERS: Male.

Maine: 10 establishments.....	1913	71	58.3	\$0.141	\$8.22	.....	.....	.....	59	12
	1914	59	58.2	.142	8.24	.....	.....	.....	52	7
Massachusetts: 9 establishments.....	1913	105	54.1	.144	7.78	.....	100	5	.....	.....
	1914	157	54.6	.144	7.86	.....	140	.....	6	11
New Hampshire: 5 establishments.....	1913	39	58.0	.146	8.45	.....	.....	.....	39	.....
	1914	38	55.1	.155	8.53	.....	8	28	.....	2
Rhode Island: 4 establishments.....	1913	31	56.0	.137	7.66	.....	.....	31	.....	.....
	1914	30	54.0	.147	7.93	.....	30	.....	.....	.....
Other States: 10 establishments.....	1913	87	57.3	.147	8.42	.....	.....	37	30	20
	1914	87	57.8	.151	8.75	.....	4	35	14	24
Total: 38 establishments.	1913	333	56.5	.144	8.11	.....	100	73	128	32
	1914	371	55.9	.147	8.20	.....	182	63	72	44

CARD STRIPPERS: Male.

Maine: 11 establishments.....	1913	42	58.2	\$0.170	\$9.87	.....	.....	.....	38	4
	1914	38	58.2	.169	9.81	.....	.....	.....	34	4
Massachusetts: 10 establishments.....	1913	76	54.3	.170	9.22	.....	63	13	.....	.....
	1914	88	54.3	.169	9.18	.....	82	.....	3	3
New Hampshire: 7 establishments.....	1913	43	58.0	.152	8.81	.....	.....	.....	43	.....
	1914	51	55.2	.166	9.14	.....	19	26	.....	6
Other States: 14 establishments.....	1913	75	56.9	.173	9.85	.....	.....	41	26	8
	1914	68	56.3	.173	9.71	.....	18	25	13	11
Total: 42 establishments.	1913	236	56.5	.168	9.46	.....	63	54	107	12
	1914	245	55.7	.169	9.42	.....	119	51	50	24

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

COMBERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Massachusetts:											
3 establishments.....	1913	89	54.0	\$0.160	\$8.64	.....	89	.....	.....	.....	.....
	1914	187	55.4	.164	9.06	.....	143	.....	.....	44	.....
Other States:											
2 establishments.....	1913	23	57.7	.140	8.07	.....	.....	4	19	.....	.....
	1914	28	56.1	.155	8.73	.....	4	17	.....	7	.....
Total:											
5 establishments..	1913	112	54.8	.156	8.52	.....	89	4	19	.....	.....
	1914	215	55.5	.162	9.01	.....	147	17	.....	51	.....

COMBERS: Female.

All States:											
6 establishments.....	1913	161	56.1	\$0.117	\$6.56	.....	.....	123	25	13	.....
	1914	162	54.7	.119	6.53	.....	40	122	.....	.....	.....

DRESSERS: Male.

Maine:											
11 establishments.....	1913	84	58.2	\$0.229	\$13.31	.....	.....	.....	31	3	.....
	1914	31	58.2	.228	13.23	.....	.....	.....	28	3	.....
Massachusetts:											
12 establishments.....	1913	130	54.6	.277	15.13	.....	91	39	.....	.....	.....
	1914	147	54.0	.280	15.13	.....	147	.....	.....	.....	.....
New Hampshire:											
7 establishments.....	1913	37	57.9	.249	14.38	.....	.....	3	34	.....	.....
	1914	38	54.7	.260	14.72	.....	11	27	.....	.....	.....
Rhode Island:											
5 establishments.....	1913	72	56.0	.280	15.66	.....	.....	72	.....	.....	.....
	1914	65	54.0	.294	15.89	.....	65	.....	.....	.....	.....
Other States:											
11 establishments.....	1913	74	58.0	.246	14.26	.....	.....	15	39	20	.....
	1914	75	57.0	.264	15.05	.....	4	36	13	22	.....
Total:											
46 establishments.	1913	347	56.3	.263	14.80	.....	91	129	104	23	.....
	1914	356	55.1	.274	15.04	.....	227	63	41	25	.....

LABORERS, DYEHOUSE: Male.

Connecticut:											
5 establishments.....	1913	38	58.5	\$0.157	\$9.18	.....	.....	.....	28	10	.....
	1914	44	56.5	.161	9.11	.....	3	27	.....	14	.....
Maine:											
11 establishments.....	1913	72	58.1	.158	9.19	.....	.....	.....	67	5	.....
	1914	59	58.2	.160	9.23	.....	.....	.....	54	5	.....
Massachusetts:											
12 establishments.....	1913	512	54.2	.155	8.40	.....	464	48	.....	.....	.....
	1914	701	54.0	.158	8.51	.....	701	.....	.....	.....	.....
New Hampshire:											
7 establishments.....	1913	126	57.8	.166	9.62	.....	.....	7	119	.....	.....
	1914	122	54.8	.178	9.78	.....	23	99	.....	.....	.....
New Jersey:											
3 establishments.....	1913	131	55.2	.173	9.57	.....	.....	131	.....	.....	.....
	1914	129	55.3	.173	9.53	.....	.....	129	.....	.....	.....
Rhode Island:											
5 establishments.....	1913	116	56.0	.156	8.74	.....	.....	116	.....	.....	.....
	1914	258	54.0	.155	8.35	.....	258	.....	.....	.....	.....
Other States:											
3 establishments.....	1913	46	58.5	.155	9.06	.....	.....	.....	31	15	.....
	1914	102	59.2	.146	8.60	.....	.....	.....	39	63	.....
Total:											
46 establishments.	1913	1,041	55.6	.159	8.84	.....	464	302	245	30	.....
	1914	1,415	54.8	.160	8.74	.....	985	255	93	82	.....

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.**LOOM FIXERS: Male.**

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Massachusetts:											
12 establishments.....	1913	248	54.2	\$0.302	\$16.35	.....	224	24	.....	.....	.....
	1914	282	54.0	.326	17.59	.....	282	.....	.....	.....	.....
New Hampshire:											
7 establishments.....	1913	81	57.9	.257	14.90	.....	.....	2	79	.....	.....
	1914	83	54.9	.272	14.92	.....	12	71	.....	.....	.....
New Jersey:											
3 establishments.....	1913	70	55.0	.327	17.99	.....	.....	70	.....	.....	.....
	1914	92	55.8	.334	18.62	.....	.....	92	.....	.....	.....
Rhode Island:											
5 establishments.....	1913	86	56.0	.322	18.03	.....	.....	86	.....	.....	.....
	1914	87	54.0	.329	17.78	.....	87	.....	.....	.....	.....
Other States:											
20 establishments.....	1913	96	58.5	.275	16.09	.....	.....	.....	72	24	.....
	1914	98	58.3	.280	16.30	.....	1	12	48	37	.....
Total:											
47 establishments.....	1913	581	55.8	.297	16.55	.....	224	182	151	24	.....
	1914	642	55.0	.313	17.22	.....	382	175	48	37	.....

MENDERS: Female.

Connecticut:											
6 establishments.....	1913	58	58.0	\$0.196	\$11.34	.....	.....	.....	58	.....	.....
	1914	60	54.9	.201	11.04	.....	6	54	.....	.....	.....
Maine:											
10 establishments.....	1913	96	58.0	.146	8.48	.....	.....	.....	96	.....	.....
	1914	109	58.0	.144	8.37	.....	.....	.....	109	.....	.....
Massachusetts:											
11 establishments.....	1913	749	54.0	.177	9.57	.....	749	.....	.....	.....	.....
	1914	848	53.9	.197	10.63	13	835	.....	.....	.....	.....
New Hampshire:											
6 establishments.....	1913	49	57.8	.163	9.41	.....	.....	3	46	.....	.....
	1914	51	54.6	.179	9.76	.....	19	32	.....	.....	.....
Rhode Island:											
5 establishments.....	1913	281	56.0	.195	10.92	.....	.....	281	.....	.....	.....
	1914	240	54.0	.205	11.06	.....	240	.....	.....	.....	.....
Other States:											
4 establishments.....	1913	130	58.2	.198	11.49	.....	.....	30	44	56	.....
	1914	186	54.6	.201	10.97	.....	131	33	42	.....	.....
Total:											
42 establishments.....	1913	1,363	55.4	.181	10.02	.....	749	314	244	56	.....
	1914	1,494	54.4	.195	10.56	13	1,231	119	131	.....	.....

SPINNERS, FRAME: Male.

Massachusetts:											
3 establishments.....	1913	115	54.0	\$0.136	\$7.33	.....	115	.....	.....	.....	.....
	1914	282	53.9	.145	7.80	3	279	.....	.....	.....	.....

SPINNERS, FRAME: Female.

Massachusetts:											
3 establishments.....	1913	316	54.0	\$0.146	\$7.89	.....	316	.....	.....	.....	.....
	1914	553	53.8	.145	7.83	11	542	.....	.....	.....	.....
New Jersey:											
2 establishments.....	1913	82	55.2	.128	7.05	.....	.....	82	.....	.....	.....
	1914	80	55.4	.142	7.86	.....	.....	80	.....	.....	.....
Rhode Island:											
3 establishments.....	1913	170	56.0	.138	7.72	.....	.....	170	.....	.....	.....
	1914	179	54.0	.145	7.80	.....	179	.....	.....	.....	.....
Other States:											
1 establishment.....	1913	174	58.0	.139	8.04	.....	.....	.....	174	.....	.....
	1914	158	55.0	.155	8.55	.....	.....	158	.....	.....	.....
Total:											
9 establishments.....	1913	742	55.5	.140	7.79	.....	316	252	174	.....	.....
	1914	970	54.2	.147	7.95	11	721	238	.....	.....	.....

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

SPINNERS, MULE: Male.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut: 5 establishments.....	1913	59	59.0	\$0.206	\$12.12				30	29	
	1914	47	58.1	.194	11.23		5	12		30	
Maine: 11 establishments.....	1913	153	58.2	.218	12.66				138	15	
	1914	123	58.3	.224	13.06				107	16	
Massachusetts: 10 establishments.....	1913	276	54.2	.253	13.68		248	28			
	1914	327	54.1	.268	14.49		318		9		
New Hampshire: 7 establishments.....	1913	124	58.0	.224	12.99				124		
	1914	116	54.9	.239	13.14		42	68		6	
New Jersey: 2 establishments.....	1913	64	55.4	.272	15.07			64			
	1914	70	55.3	.292	16.14			70			
Rhode Island: 4 establishments.....	1913	79	56.0	.243	13.59			79			
	1914	64	54.0	.253	13.67		64				
Other States: 3 establishments.....	1913	73	58.5	.248	14.57				50	23	
	1914	109	59.3	.249	14.79				50	44	15
Total: 42 establishments.	1913	828	56.5	.239	13.45		248	171	342	67	
	1914	856	55.8	.252	14.03		429	150	166	96	15

TWISTERS: Female.

Massachusetts: 3 establishments.....	1913	246	54.0	\$0.139	\$7.53		246				
	1914	432	54.0	.149	8.03		432				
New Jersey: 2 establishments.....	1913	129	55.1	.127	7.01			129			
	1914	188	55.2	.127	7.01			188			
Rhode Island: 4 establishments.....	1913	106	56.0	.146	8.20			106			
	1914	136	54.0	.165	8.88		136				
Other States: 2 establishments.....	1913	97	59.1	.129	7.63				45	52	
	1914	128	54.3	.130	7.07		84	44			
Total: 11 establishments.	1913	578	55.5	.136	7.55		246	235	45	52	
	1914	834	54.3	.144	7.80		652	232			

WEAVERS: Male.

Connecticut: 6 establishments.....	1913	297	58.6	\$0.248	\$14.53					90	
	1914	315	56.5	.241	13.53		10	210		95	
Maine: 11 establishments.....	1913	398	58.2	.230	13.38				358	40	
	1914	326	58.3	.221	12.87				282	44	
Massachusetts: 12 establishments.....	1913	1,323	54.4	.239	13.02		1,072	251			
	1914	1,887	54.0	.248	13.41		1,887				
New Hampshire: 7 establishments.....	1913	502	57.8	.212	12.26			36	466		
	1914	440	54.6	.215	11.74		155	285			
New Jersey: 3 establishments.....	1913	279	55.0	.218	12.02			279			
	1914	350	55.6	.214	11.88			350			
Rhode Island: 5 establishments.....	1913	647	56.0	.244	13.65			647			
	1914	565	54.0	.249	13.45		565				

TABLE V.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

WEAVERS: Male—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Vermont:											
2 establishments.....	1913	285	57.9	\$0.218	\$12.62				285		
	1914	205	57.8	.235	13.61				205		
Other States:											
1 establishment.....	1913	103	60.0	.204	12.24					103	
	1914	224	60.0	.224	13.45					224	
Total:											
47 establishments.	1913	3,834	56.3	.232	13.06		1,072	1,213	1,316	233	
	1914	4,312	55.2	.238	13.10		2,617	845	487	363	

WEAVERS: Female.

Connecticut:											
6 establishments.....	1913	68	58.0	\$0.226	\$13.14				68		
	1914	47	54.8	.212	11.64		9	38			
Maine:											
11 establishments.....	1913	263	58.0	.210	12.20				263		
	1914	228	58.0	.193	11.21				228		
Massachusetts:											
12 establishments.....	1913	1,054	54.0	.216	11.66		1,054				
	1914	1,374	54.0	.228	12.30		1,374				
New Hampshire:											
7 establishments.....	1913	761	57.9	.184	10.67			15	746		
	1914	734	54.8	.193	10.60		57	677			
New Jersey:											
3 establishments.....	1913	722	55.0	.169	9.31			722			
	1914	772	55.2	.168	9.26			772			
Rhode Island:											
5 establishments.....	1913	374	56.0	.199	11.16			374			
	1914	452	54.0	.195	10.52		452				
Vermont:											
2 establishments.....	1913	196	57.9	.217	12.58				196		
	1914	76	57.9	.234	13.56				76		
Other States:											
1 establishment.....	1913	55	60.0	.193	11.60					55	
	1914	106	54.0	.207	11.16		106				
Total:											
47 establishments.	1913	3,493	56.0	.197	11.03		1,054	1,111	1,273	55	
	1914	3,789	54.8	.202	11.06		1,998	1,487	304		

WOOL SORTERS: Male.

Massachusetts:											
4 establishments.....	1913	159	54.0	\$0.278	\$15.02		159				
	1914	239	54.0	.268	14.50		239				
New Hampshire:											
3 establishments.....	1913	31	58.0	.292	16.94				31		
	1914	34	54.9	.296	16.23		3	31			
Rhode Island:											
2 establishments.....	1913	38	56.0	.296	16.58			38			
	1914	65	54.0	.316	17.08		65				
Other States:											
5 establishments.....	1913	18	56.3	.249	13.96			14	4		
	1914	34	55.6	.236	13.15			32	2		
Total:											
14 establishments.	1913	246	55.0	.281	15.42		159	52	35		
	1914	372	54.2	.276	14.96		307	63	2		

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

BURLERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut.....	Piece....	5	46	54.9	\$0.175	\$9.67	.....	5	41	.....	.....	.....
	Time....	1	8	55.0	.109	6.00	.....	.....	8	.....	.....	.....
	Total.	6	54	54.9	.166	9.13	.....	5	49	.....	.....	.....
Maine.....	Piece....	2	4	58.0	.138	7.99	.....	.....	.....	4	.....	.....
	Time....	10	53	58.0	.106	6.15	.....	.....	.....	53	.....	.....
	Total.	10	57	58.0	.108	6.28	.....	.....	.....	57	.....	.....
Massachusetts.....	Piece....	7	485	53.6	.159	8.54	20	465	.....	.....	.....	.....
	Time....	4	254	54.0	.129	6.96	1	253	.....	.....	.....	.....
	Total.	10	739	53.8	.149	8.00	21	718	.....	.....	.....	.....
New Hampshire.....	Piece....	6	255	54.9	.189	10.37	.....	13	242	.....	.....	.....
	Time....	3	103	55.0	.129	7.08	.....	1	102	.....	.....	.....
	Total.	7	358	55.0	.171	9.42	.....	14	344	.....	.....	.....
New Jersey.....	Piece....	3	180	55.6	.153	8.52	.....	.....	160	.....	.....	.....
	Time....	1	154	56.0	.115	6.42	.....	.....	154	.....	.....	.....
	Total.	3	314	55.8	.134	7.49	.....	.....	314	.....	.....	.....
Rhode Island.....	Piece....	5	145	54.0	.185	9.97	.....	145	.....	.....	.....	.....
	Time....	2	69	54.5	.187	10.19	.....	60	.....	9	.....	.....
	Total.	3	88	55.2	.171	9.38	.....	60	.....	28	.....	.....
Other States.....	Piece....	2	69	54.5	.187	10.19	.....	60	.....	9	.....	.....
	Time....	1	19	57.5	.112	6.45	.....	.....	19	.....	.....	.....
	Total.	3	88	55.2	.171	9.38	.....	60	.....	28	.....	.....
All States.....	Piece....	30	1,164	54.4	.170	9.26	20	688	443	13	.....	.....
	Time....	20	591	55.2	.122	6.69	1	254	264	72	.....	.....
	Total.	44	1,755	54.6	.154	8.41	21	942	707	85	.....	.....

CARDING-MACHINE TENDERS: Male.

Maine.....	Time....	10	59	58.2	\$0.142	\$8.24	.....	.....	52	7	.....
Massachusetts.....	do.....	9	157	54.6	.144	7.86	140	.....	6	11	.....
New Hampshire.....	do.....	5	38	55.1	.155	8.53	8	28	.....	2	.....
Rhode Island.....	do.....	4	30	54.0	.147	7.93	30	.....	.....	.....	.....
Other States.....	do.....	10	87	57.8	.151	8.75	4	35	14	24	10
Total.		38	371	55.9	.147	8.20	.....	182	63	72	44

CARD STRIPPERS: Male.

Maine.....	Time....	11	38	58.2	\$0.169	\$9.81	.....	.....	34	4	.....
Massachusetts.....	do.....	10	88	54.3	.169	9.18	82	.....	3	3	.....
New Hampshire.....	do.....	7	51	55.2	.166	9.14	19	26	.....	6	.....
Other States.....	Piece....	1	5	56.0	.143	8.02	.....	5	.....	.....	.....
	Time....	14	63	56.3	.175	9.84	18	20	13	11	1
	Total.	14	68	56.3	.173	9.71	18	25	13	11	1
All States.....	Piece....	1	5	56.0	.143	8.02	.....	5	.....	.....	.....
	Time....	42	240	55.7	.170	9.45	119	46	50	24	1
	Total.	42	245	55.7	.169	9.42	119	51	50	24	1

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.**COMBERS: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Massachusetts.....	Time....	3	187	55.4	\$0.164	\$9.06	.....	143	.....	.....	44	.....
Other States.....	Piece....	1	13	55.0	.154	8.46	.....	.....	13	.....	.....	.....
	Time....	2	15	57.1	.157	8.96	.....	4	4	.....	7	.....
	Total..	2	28	56.1	.155	8.73	.....	4	17	.....	7	.....
All States.....	Piece....	1	13	55.0	.154	8.46	.....	.....	13	.....	.....	.....
	Time....	5	202	55.5	.163	9.05	.....	147	4	.....	51	.....
	Total..	5	215	55.5	.162	9.01	.....	147	17	.....	51	.....

COMBERS: Female.

All States.....	Piece....	1	16	55.0	\$0.150	\$8.26	.....	.....	16	.....	.....	.....
	Time....	6	146	51.3	.116	6.34	.....	40	106	.....	.....	.....
	Total..	6	162	54.7	.119	6.53	.....	40	122	.....	.....	.....

DRESSERS: Male.

Maine.....	Time....	11	31	58.2	\$0.228	\$13.23	.....	.....	.....	28	3	.....
Massachusetts.....	Piece....	3	64	54.0	.289	15.63	.....	64	.....	.....	.....	.....
	Time....	12	83	54.0	.273	14.74	.....	83	.....	.....	.....	.....
	Total..	12	147	54.0	.280	15.13	.....	147	.....	.....	.....	.....
New Hampshire.....	Piece....	1	1	55.0	.330	18.15	.....	.....	1	.....	.....	.....
	Time....	7	37	54.7	.267	14.63	.....	11	26	.....	.....	.....
	Total..	7	38	54.7	.269	14.72	.....	11	27	.....	.....	.....
Rhode Island.....	Piece....	1	14	54.0	.308	16.64	.....	14	.....	.....	.....	.....
	Time....	5	51	54.0	.290	15.68	.....	51	.....	.....	.....	.....
	Total..	5	65	54.0	.294	15.89	.....	65	.....	.....	.....	.....
Other States.....	Piece....	2	17	59.6	.294	17.57	.....	.....	.....	3	14	.....
	Time....	11	58	50.2	.255	14.31	.....	4	36	10	8	.....
	Total..	11	75	57.0	.264	15.05	.....	4	36	13	22	.....
All States.....	Piece....	7	96	55.0	.293	16.15	.....	78	1	3	14	.....
	Time....	46	260	55.1	.266	14.63	.....	149	62	38	11	.....
	Total..	46	356	55.1	.274	15.04	.....	227	63	41	25	.....

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	5	44	56.5	\$0.161	\$9.11	.....	3	27	.....	14	.....
Maine.....	do.....	11	59	58.2	.160	9.23	.....	.....	.....	54	5	.....
Massachusetts.....	do.....	12	701	54.0	.158	8.51	.....	701	.....	.....	.....	.....
New Hampshire.....	do.....	7	122	54.8	.178	9.78	.....	23	99	.....	.....	.....
New Jersey.....	do.....	3	129	55.3	.173	9.53	.....	.....	129	.....	.....	.....
Rhode Island.....	do.....	5	258	54.0	.155	8.35	.....	258	.....	.....	.....	.....
Other States.....	do.....	3	102	59.2	.146	8.60	.....	.....	.....	39	63	.....
	Total..	46	1,415	54.8	.160	8.74	.....	985	255	93	82	.....

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1914—Continued.

LOOM FIXERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Under 54	54	Over 54 and under 57	57 and under 60	Over 60
Massachusetts.....	Piece....	5	129	54.0	\$0.364	\$19.65	.....	129	.....	.....	.....
	Time....	9	153	54.0	.294	15.86	.....	153	.....	.....	.....
	Total.	12	282	54.0	.326	17.59	.....	282	.....	.....	.....
New Hampshire....	Time....	7	83	54.9	.272	14.92	.....	12	71	.....	.....
New Jersey.....	Piece....	2	33	55.9	.371	20.74	.....	.....	33	.....	.....
	Time....	2	59	55.8	.313	17.43	.....	.....	59	.....	.....
	Total.	3	92	55.8	.334	18.62	.....	.....	92	.....	.....
Rhode Island.....	Time....	5	87	54.0	.329	17.78	.....	87	.....	.....	.....
Other States.....	Piece....	5	41	58.7	.302	17.69	.....	1	7	7	26
	Time....	15	57	58.1	.264	15.29	.....	.....	5	41	11
	Total.	20	98	58.3	.280	16.30	.....	1	12	48	37
All States.....	Piece....	12	203	55.3	.353	19.43	.....	130	40	7	26
	Time....	38	439	54.9	.295	16.20	.....	252	135	41	11
	Total.	47	642	55.0	.313	17.22	.....	382	175	48	37

MENDERS: Female.

Connecticut.....	Piece....	3	28	55.0	\$0.191	\$10.48	.....	.....	28	.....	.....
	Time....	4	32	54.8	.210	11.52	.....	6	26	.....	.....
	Total.	6	60	54.9	.201	11.04	.....	6	54	.....	.....
Maine.....	Time....	10	109	58.0	.144	8.37	.....	.....	.....	109	.....
Massachusetts.....	Piece....	7	799	53.9	.198	10.67	13	786	.....	.....	.....
	Time....	7	49	54.0	.186	10.06	.....	49	.....	.....	.....
	Total.	11	848	53.9	.197	10.63	13	835	.....	.....	.....
New Hampshire....	Piece....	2	23	54.6	.162	8.87	.....	9	14	.....	.....
	Time....	5	28	54.6	.192	10.49	.....	10	18	.....	.....
	Total.	6	51	54.6	.179	9.76	.....	19	32	.....	.....
Rhode Island.....	Piece....	4	233	54.0	.205	11.06	.....	233	.....	.....	.....
	Time....	2	7	54.0	.204	11.04	.....	7	.....	.....	.....
	Total.	5	240	54.0	.205	11.06	.....	240	.....	.....	.....
Other States.....	Piece....	3	181	54.6	.202	11.00	.....	131	33	17	5
	Time....	2	5	57.6	.183	10.51	.....	.....	.....	.....	.....
	Total.	4	186	54.6	.201	10.97	.....	131	33	22	.....
All States.....	Piece....	19	1,264	54.0	.199	10.75	13	1,159	75	17	.....
	Time....	30	230	56.2	.171	9.55	.....	72	44	114	.....
	Total.	42	1,494	54.4	.195	10.56	13	1,231	119	131	

SPINNERS, FRAME: Male.

Massachusetts.....	Time....	3	282	53.9	\$0.145	\$7.80	3	279			
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TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1914—Continued.

SPINNERS, FRAME: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Massachusetts.....	Time....	3	553	53.8	\$0.145	\$7.83	11	542				
New Jersey.....	Piece....	2	80	55.4	.142	7.86			80			
Rhode Island.....	Piece....	1	23	54.0	.158	8.54		23				
	Time....	3	156	54.0	.142	7.69		156				
	Total.	3	179	54.0	.145	7.80		179				
Other States.....	Piece....	1	15	55.0	.170	9.35			15			
	Time....	1	143	55.0	.154	8.47			143			
	Total.	1	158	55.0	.155	8.55			158			
All States.....	Piece....	4	118	55.0	.149	8.18		23	95			
	Time....	7	852	54.1	.146	7.91	11	698	143			
	Total.	9	970	54.2	.147	7.95	11	721	238			

SPINNERS, MULE: Male.

Connecticut.....	Piece....	3	23	57.9	\$0.202	\$11.67		5	6		17	
	Time....	2	19	53.4	.182	10.58			6		13	
	Total.	5	47	53.1	.194	11.23		5	12		30	
Maine.....	Piece....	11	123	53.3	.224	13.06				107	16	
Massachusetts.....	Piece....	10	322	54.1	.269	14.53		313		9		
	Time....	1	5	54.0	.213	11.50		5				
	Total.	10	327	54.1	.268	14.49		318		9		
New Hampshire.....	Piece....	7	90	54.7	.246	13.43		31	59			
	Time....	3	26	55.7	.217	12.14		11	9		6	
	Total.	7	116	54.9	.239	13.14		42	68			
New Jersey.....	Piece....	2	70	55.3	.292	16.14			70			
Rhode Island.....	do.....	4	64	54.0	.253	13.67		64				
Other States.....	Piece....	2	82	59.9	.262	15.70				23	44	15
	Time....	1	27	57.5	.209	12.02				27		
	Total.	3	109	59.3	.249	14.79				50	44	15
All States.....	Piece....	39	779	55.7	.257	14.27		413	135	139	77	15
	Time....	7	77	56.9	.205	11.67		16	15	27	19	
	Total.	42	856	55.8	.252	14.03		429	150	166	96	15

TWISTERS: Female.

Massachusetts.....	Piece....	2	56	54.0	\$0.157	\$8.45		56				
	Time....	3	376	54.0	.148	7.96		376				
	Total.	3	432	54.0	.149	8.03		432				
New Jersey.....	Piece....	2	188	55.2	.127	7.01			188			
Rhode Island.....	Piece....	1	32	54.0	.234	12.65		32				
	Time....	3	104	54.0	.143	7.72		104				
	Total.	4	136	54.0	.165	8.88		136				

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

TWISTERS: Female—Concluded.

State.	Piece- workers or time- workers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age rate of wages per hour.	Aver- age full- time weekly earn- ings.	Employees whose full-time hours per week were—					
							Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Other States.....	Piece....	1	43	55.0	\$0.166	\$9.11	.....	.....	43	.....	.....	.....
	Time....	2	85	54.0	.112	6.03	.....	84	1	.....	.....	.....
	Total.	2	123	54.3	.130	7.07	.....	84	44	.....	.....	.....
All States.....	Piece....	6	319	54.9	.148	8.12	.....	88	231	.....	.....	.....
	Time....	8	565	54.0	.141	7.63	.....	564	1	.....	.....	.....
	Total.	11	884	54.3	.144	7.80	.....	652	232	.....	.....	.....

WEAVERS: Male.

Connecticut.....	Piece....	6	315	56.5	\$0.241	\$13.53	.....	10	210	.....	95	.....
Maine.....	do.....	11	326	58.3	.221	12.87	.....	.....	.....	282	44	.....
Massachusetts.....	do.....	12	1,887	54.0	.248	13.41	.....	1,887	.....	.....	.....	.....
New Hampshire.....	do.....	7	440	54.6	.215	11.74	.....	155	285	.....	.....	.....
New Jersey.....	do.....	3	350	55.6	.214	11.88	.....	.....	350	.....	.....	.....
Rhode Island.....	do.....	5	565	54.0	.249	13.45	.....	565	.....	.....	.....	.....
Vermont.....	do.....	2	205	57.8	.235	13.61	.....	.....	.....	205	.....	.....
Other States.....	do.....	1	224	60.0	.224	13.45	.....	.....	.....	.....	224	.....
	Total.	47	4,312	55.2	.238	13.10	.....	2,617	845	487	368	.....

WEAVERS: Female.

Connecticut.....	Piece....	6	47	54.8	\$0.212	\$11.64	.....	9	38	.....	.....	.....
Maine.....	do.....	11	228	58.0	.193	11.21	.....	.....	.....	228	.....	.....
Massachusetts.....	do.....	12	1,374	54.0	.228	12.30	.....	1,374	.....	.....	.....	.....
New Hampshire.....	do.....	7	734	54.8	.193	10.60	.....	57	677	.....	.....	.....
New Jersey.....	do.....	3	772	55.2	.168	9.26	.....	.....	772	.....	.....	.....
Rhode Island.....	do.....	5	452	54.0	.195	10.52	.....	452	.....	.....	.....	.....
Vermont.....	do.....	2	76	57.9	.234	13.56	.....	.....	.....	76	.....	.....
Other States.....	do.....	1	106	54.0	.207	11.16	.....	106	.....	.....	.....	.....
	Total.	47	3,789	54.8	.202	11.06	.....	1,998	1,487	304	.....	.....

WOOL SORTERS: Male.

Massachusetts.....	Piece....	3	161	54.0	\$0.282	\$15.23	.....	161	.....	.....	.....	.....
	Time....	1	78	54.0	.239	12.88	.....	78	.....	.....	.....	.....
	Total.	4	239	54.0	.268	14.50	.....	239	.....	.....	.....	.....
New Hampshire.....	Piece....	2	32	54.9	.302	16.59	.....	3	29	.....	.....	.....
	Time....	1	2	55.0	.191	10.51	.....	.....	2	.....	.....	.....
	Total.	3	34	54.9	.296	16.23	.....	3	31	.....	.....	.....
Rhode Island.....	Piece....	1	47	54.0	.334	18.03	.....	47	.....	.....	.....	.....
	Time....	1	18	54.0	.270	14.60	.....	18	.....	.....	.....	.....
	Total.	2	65	54.0	.316	17.08	.....	65	.....	.....	.....	.....
Other States.....	Piece....	2	31	55.5	.238	13.21	.....	.....	31	.....	.....	.....
	Time....	3	3	57.0	.223	12.60	.....	.....	1	2	.....	.....
	Total.	5	34	55.6	.236	13.15	.....	.....	32	2	.....	.....
All States.....	Piece....	8	271	54.3	.288	15.64	.....	211	60	.....	.....	.....
	Time....	6	101	54.1	.243	13.13	.....	96	3	2	.....	.....
	Total.	14	372	54.2	.276	14.96	.....	307	63	2	.....	.....

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

OTHER EMPLOYEES: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Under 54	54	Over 54 and under 57	57 and under 60	60	Over 60
Connecticut.....	Piece....	4	15	55.1	\$0.220	\$12.07	.....	4	10	.....	1	.....
	Time....	6	351	56.9	.204	11.87	.....	74	108	3	95	11
	Total.	6	366	56.8	.205	11.61	.....	78	178	3	96	11
Maine.....	Piece....	4	7	58.3	.348	20.31	.....	.....	.....	6	1	.....
	Time....	11	584	59.5	.191	11.35	.....	.....	.....	465	85	34
	Total.	11	591	59.5	.193	11.46	.....	.....	.....	471	86	34
Massachusetts.....	Piece....	7	685	53.9	.237	12.78	8	674	.....	3	.....	.....
	Time....	12	6,419	54.4	.171	9.27	209	5,799	12	35	189	175
	Total.	12	7,104	55.4	.178	9.61	217	6,473	12	38	189	175
New Hampshire....	Piece....	5	234	54.9	.200	11.00	.....	20	214	.....	.....	.....
	Time....	7	1,416	55.9	.180	10.05	.....	217	1,034	1	128	36
	Total.	7	1,650	55.8	.183	10.19	.....	237	1,248	1	128	36
New Jersey.....	Piece....	2	809	56.0	.166	9.33	.....	.....	809	.....	.....	.....
	Time....	2	446	59.2	.177	10.44	.....	.....	296	.....	99	51
	Total.	2	1,255	57.1	.170	9.72	.....	.....	1,105	.....	99	51
Rhode Island.....	Piece....	5	81	54.0	.193	10.45	.....	81	.....	.....	.....	.....
	Time....	5	1,427	55.0	.194	10.67	.....	1,343	.....	.....	.....	84
	Total.	5	1,508	54.9	.194	10.67	.....	1,424	.....	.....	.....	84
Vermont.....	Piece....	1	17	60.1	.164	9.87	.....	.....	.....	2	13	2
	Time....	2	544	58.3	.178	10.37	.....	.....	.....	496	2	46
	Total.	2	561	58.4	.178	10.35	.....	.....	.....	498	15	48
Other States.....	Piece....	1	71	59.2	.145	8.58	4	.....	.....	.....	67	.....
	Time....	1	669	60.9	.162	9.86	11	.....	.....	.....	595	63
	Total.	1	740	60.7	.160	9.74	15	.....	.....	.....	662	63
All States.....	Piece....	29	1,919	55.2	.197	10.85	12	779	1,053	11	82	2
	Time....	46	11,856	55.7	.177	9.83	220	7,433	1,510	1,000	1,193	500
	Total.	46	13,775	55.6	.180	9.98	232	8,212	2,543	1,011	1,275	502

OTHER EMPLOYEES: Female.

Connecticut.....	Piece....	6	67	54.9	\$0.187	\$10.23	.....	10	57	.....	.....	.....
	Time....	6	58	54.9	.119	6.54	.....	5	53	.....	.....	.....
	Total.	6	125	54.9	.155	8.52	.....	15	110	.....	.....	.....
Maine.....	Piece....	11	66	58.0	.155	8.98	.....	.....	.....	66	.....	.....
	Time....	11	147	58.0	.125	7.16	.....	.....	.....	147	.....	.....
	Total.	11	213	58.0	.134	7.77	.....	.....	.....	213	.....	.....
Massachusetts.....	Piece....	12	775	52.7	.164	8.69	111	664	.....	.....	.....	.....
	Time....	12	3,142	53.5	.133	7.10	170	2,972	.....	.....	.....	.....
	Total.	12	3,917	53.4	.139	7.42	281	3,636	.....	.....	.....	.....

TABLE VI.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AVERAGE RATES OF WAGES PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

OTHER EMPLOYEES: Female—Concluded.

State.	Piece- workers or time workers.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age full- time hours per week.	Aver- age rate of wages per hour.	Aver- age full- time week- ly earn- ings.	Employees whose full-time hours per week were—					
							Un- der 54	54	Over 54 and under 57	57 and under 60	60	Over 60
New Hampshire....	Piece....	7	265	54.9	\$0.157	\$8.50	.....	33	232	.....	.....	.....
	Time....	7	775	54.9	.135	7.31	3	48	724	.....	.....	.....
	Total.	7	1,040	54.9	.141	7.71	3	81	956	.....	.....	.....
New Jersey.....	Piece....	2	702	55.9	.136	7.62	.....	.....	702	.....	.....	.....
	Time....	2	74	55.3	.123	6.82	.....	.....	74	.....	.....	.....
	Total.	2	776	55.8	.135	7.54	.....	.....	776	.....	.....	.....
Rhode Island.....	Piece....	5	279	54.0	.177	5.95	.....	279	.....	.....	.....	.....
	Time....	5	1,010	54.0	.129	6.96	.....	1,010	.....	.....	.....	.....
	Total.	5	1,289	54.0	.139	7.52	.....	1,289	.....	.....	.....	.....
Vermont.....	Piece....	2	72	57.9	.175	10.11	.....	.....	.....	72	.....	.....
	Time....	2	39	57.9	.124	7.18	.....	.....	.....	39	.....	.....
	Total.	2	111	57.9	.157	9.08	.....	.....	.....	111	.....	.....
Other States.....	Piece....	1	100	53.9	.168	9.08	1	99	.....	.....	.....	.....
	Time....	1	199	53.8	.131	7.05	5	194	.....	.....	.....	.....
	Total.	1	299	53.8	.144	7.73	6	293	.....	.....	.....	.....
All States.....	Piece....	46	2,326	54.5	.157	8.57	112	1,085	991	138	.....	.....
	Time....	46	5,444	54.0	.132	7.12	178	4,229	851	186	.....	.....
	Total.	46	7,770	54.2	.139	7.55	290	5,314	1,842	324	.....	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMeworkERS, BY STATES, 1914.**ONE-WEEK PAY ROLLS.****BURLERS: Female.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time).
Connecticut.....	Piece....	5	46	54.9	49.9	1	2	3	10	30	.....
Maine.....	Piece....	2	4	58.0	37.4	.....	.....	4	.....	.....	.....
	Time....	10	53	58.0	47.2	1	7	11	13	16	5
	Total.	10	57	58.0	46.5	1	7	15	13	16	5
Massachusetts.....	Piece....	7	485	53.6	45.5	5	15	134	131	200	.....
	Time....	4	254	54.0	50.9	4	7	8	34	201	.....
	Total.	10	739	53.8	47.3	9	22	142	165	401	.....
New Hampshire.....	Piece....	5	26	54.5	49.1	.....	.....	5	6	15	.....
	Time....	2	6	54.8	30.5	3	.....	.....	2	1	.....
	Total.	6	32	54.6	45.6	3	.....	5	8	16	.....
New Jersey.....	Piece....	2	125	55.7	55.3	.....	1	1	18	76	29
Rhode Island.....	do.....	5	145	54.0	47.7	.....	1	22	86	36	.....
Other States.....	Piece....	2	69	54.5	48.7	.....	2	10	13	44	.....
	Time....	1	19	57.5	55.7	.....	.....	1	5	13	.....
	Total.	3	88	55.2	50.2	.....	2	11	18	57	.....
All States.....	Piece....	28	900	54.2	47.7	6	21	179	264	401	29
	Time....	17	332	54.8	50.2	8	14	20	54	231	5
	Total.	41	1,232	54.4	48.4	14	35	199	318	632	34

CARDING-MACHINE TENDERS: Male.

Maine.....	Time....	10	59	58.2	51.1	1	5	9	14	28	2	
Massachusetts.....	do.....	9	157	54.6	52.0	2	2	4	83	36	30	
New Hampshire.....	do.....	4	28	54.7	49.1	.....	4	4	2	11	7	
Rhode Island.....	do.....	4	30	54.0	55.0	.....	.....	.....	11	11	8	
Other States.....	do.....	8	66	58.1	60.4	.....	1	2	9	24	30	
	Total.	35	340	55.8	53.5	3	12	19	119	110	77	

CARD STRIPPERS: Male.

Maine.....	Time....	11	38	58.2	53.0	.....	3	5	10	20	.....	
Massachusetts.....	do.....	10	88	54.3	53.1	.....	1	2	51	21	13	
New Hampshire.....	do.....	6	39	54.5	51.8	2	1	.....	7	22	7	
Other States.....	Piece....	1	5	56.0	54.4	.....	.....	.....	3	2	.....	
	Time....	12	47	56.6	56.6	.....	.....	2	13	20	12	
	Total.	12	52	56.5	56.4	.....	.....	2	16	22	12	
All States.....	Piece....	1	5	56.0	54.4	.....	.....	.....	3	2	.....	
	Time....	39	212	55.6	53.6	2	5	9	81	83	32	
	Total.	39	217	55.6	53.6	2	5	9	84	85	32	

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

ONE-WEEK PAY ROLLS—Continued.

COMBERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time).
Massachusetts.....	Time....	3	187	55.4	45.2	2	6	18	137	24	.....
Other States.....	do.....	1	4	54.0	59.7	.....	.....	.....	.....	.....	4
	Total.	4	191	55.4	45.5	2	6	18	137	24	4

COMBERS: Female.

All States.....	Time....	4	41	54.0	49.4	1		5	10	24	1
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DRESSERS: Male.

Maine.....	Time....	11	31	58.2	54.3	1		2	7	20	1
Massachusetts.....	Piece....	3	64	54.0	50.1		1	2	41	1	19
	Time....	12	83	54.0	53.9	.....	1	1	15	39	27
	Total.	12	147	54.0	52.2	.....	2	3	56	40	46
New Hampshire.....	Time....	6	28	54.6	50.4	.....	.....	.....	2	16	10
Rhode Island.....	Piece....	1	14	54.0	53.7	.....	.....	.....	1	13	.....
	Time....	5	51	54.0	51.1	.....	.....	1	19	30	1
	Total.	5	65	54.0	51.7	.....	.....	1	20	43	1
Other States.....	Piece....	2	17	59.6	55.3	.....	.....	3	3	11	.....
	Time....	10	56	56.1	52.9	.....	3	4	7	34	8
	Total.	10	73	56.9	53.5	.....	3	7	10	45	8
All States.....	Piece....	6	95	55.0	51.6	.....	1	5	45	25	19
	Time....	44	249	55.1	53.8	1	4	8	50	139	47
	Total.	44	344	55.0	53.2	1	5	13	95	164	66

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	4	38	56.0	53.4	1	1	.....	6	26	4
Maine.....	do.....	11	59	58.2	53.0	3	2	10	6	15	23
Massachusetts.....	do.....	12	701	54.0	57.1	18	19	25	92	21	526
New Hampshire.....	do.....	6	46	54.5	52.1	1	1	.....	11	22	11
New Jersey.....	do.....	2	50	55.8	68.3	.....	.....	2	.....	.....	48
Rhode Island.....	do.....	5	258	54.0	57.4	3	3	9	42	51	150
Other States.....	do.....	3	102	59.2	63.2	.....	3	2	23	10	64
	Total.	43	1,254	54.8	57.6	26	29	48	180	145	826

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

ONE-WEEK PAY ROLLS—Continued.

LOOM FIXERS: Male.

State.	Piece- workers or time- workers.	Number of estab- lish- ments.	Number of em- ployees.	Average full- time hours per week.	Average hours actu- ally worked per em- ployee in one week.	Employees working each classified per cent of full time in one week.					Over 100 per cent (over- time).
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	
Massachusetts.....	Piece....	2	15	54.0	59.8	.....	.....	.....	.....	5	10
	Time....	8	148	54.0	51.6	2	1	1	42	102	.....
	Total..	9	163	54.0	52.3	2	1	1	42	107	10
New Hampshire.....	Time....	6	25	54.5	55.0	.....	.....	.....	4	15	6
New Jersey.....	Piece....	2	33	55.9	55.9	.....	.....	.....	.....	3	.....
	Time....	1	6	55.0	53.2	.....	.....	.....	1	5	.....
	Total..	2	39	55.8	55.5	.....	.....	.....	1	38	.....
Rhode Island.....	Time....	5	87	54.0	50.8	.....	.....	15	17	43	12
Other States.....	Piece....	4	34	58.8	57.1	.....	2	.....	4	23	5
	Time....	13	52	58.0	56.2	1	.....	1	2	48	.....
	Total..	17	86	58.3	56.6	1	2	1	6	71	5
All States.....	Piece....	8	82	56.8	57.1	.....	2	.....	4	61	15
	Time....	33	318	54.7	52.4	3	1	17	66	213	18
	Total..	39	400	55.1	53.4	3	3	17	70	274	33

MENDERS: Female.

Connecticut.....	Piece....	2	27	55.0	51.7	.....	1	1	6	19	.....
	Time....	3	31	54.8	52.4	.....	.....	1	9	21	.....
	Total..	5	58	54.9	52.1	.....	1	2	15	40	.....
Maine.....	Time....	10	109	58.0	49.6	1	9	25	19	40	15
Massachusetts.....	Piece....	4	188	54.0	50.5	1	1	9	70	107	.....
	Time....	5	41	54.0	40.2	.....	14	5	12	10	.....
	Total..	8	229	54.0	48.6	1	15	14	82	117	.....
New Hampshire.....	Piece....	2	23	54.6	46.1	2	.....	1	19	1	.....
	Time....	5	28	54.6	52.9	.....	1	.....	2	24	1
	Total..	6	51	54.6	49.8	2	1	1	21	25	1
Rhode Island.....	Piece....	4	233	54.0	52.0	1	.....	6	49	177	.....
	Time....	2	7	54.0	36.8	.....	1	1	4	.....	.....
	Total..	5	240	54.0	51.5	2	1	7	53	177	.....
Other States.....	Piece....	2	143	54.5	50.3	4	.....	12	28	104	.....
	Time....	2	5	57.6	57.1	.....	.....	.....	2	3	.....
	Total..	3	153	54.6	50.5	4	.....	12	30	107	.....
All States.....	Piece....	14	619	54.2	50.9	8	2	29	172	408	.....
	Time....	27	221	56.2	48.4	2	25	32	48	98	16
	Total..	37	840	54.7	50.2	10	27	61	220	506	16

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

ONE-WEEK PAY ROLLS—Continued.

SPINNERS, FRAME: Male.

State.	Piece- workers or time- workers.	Num- ber of estab- lish- ments.	Num- ber of em- ployees.	Aver- age full- time hours per week.	Aver- age hours actu- ally worked per em- ployee in one week.	Employees working each classified per cent of full time in one week.					
						Un- der 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over- time).
Massachusetts.....	Time....	3	282	53.9	49.8	4	8	11	96	124	39

SPINNERS, FRAME: Female.

Massachusetts.....	Time....	3	553	53.8	47.8	11	14	35	198	295	.....
Rhode Island.....	Piece....	1	23	54.0	52.9	.....	.....	1	1	21	.....
	Time....	3	156	54.0	46.7	5	8	34	14	95	.....
	Total.	3	179	54.0	47.5	5	8	35	15	116	.....
Other States.....	Piece....	1	28	56.0	50.4	.....	.....	1	27	.....	.....
All States.....	Piece....	2	51	55.1	51.5	.....	.....	2	28	21	.....
	Time....	6	709	53.9	47.5	16	22	69	212	390	.....
	Total.	7	760	53.9	47.8	16	22	71	240	411	.....

SPINNERS, MULE: Male.

Connecticut.....	Piece....	3	28	57.9	56.4	1	.....	.....	3	18	6
	Time....	1	6	55.0	55.0	.....	.....	.....	.....	6	.....
	Total.	4	34	57.4	56.1	1	.....	.....	3	24	6
Maine.....	Piece....	8	73	58.4	48.2	4	3	16	21	27	2
Massachusetts.....	Piece....	8	194	54.2	43.5	3	6	77	15	46	47
	Time....	1	5	54.0	58.8	.....	.....	.....	.....	1	4
	Total.	8	199	54.2	43.9	3	6	77	15	47	51
New Hampshire.....	Piece....	5	75	54.8	47.0	4	2	13	14	39	3
	Time....	2	11	54.0	33.2	4	.....	2	2	2	1
	Total.	5	86	54.7	45.2	8	2	15	16	41	4
Rhode Island.....	Piece....	3	45	54.0	57.1	.....	4	3	3	11	24
Other States.....	Piece....	2	62	58.3	53.4	1	1	3	33	23	1
	Time....	1	27	57.5	57.6	.....	1	1	4	6	15
	Total.	3	89	58.1	54.7	1	2	4	37	29	16
All States.....	Piece....	29	477	55.7	48.1	13	16	112	89	164	83
	Time....	5	49	56.1	51.9	4	1	3	6	15	20
	Total.	31	526	55.8	48.4	17	17	115	95	179	103

TWISTERS: Female.

Massachusetts.....	Piece....	2	56	54.0	53.5	.....	.....	1	2	53	.....
	Time....	3	376	54.0	45.8	15	8	31	165	157	.....
	Total.	3	432	54.0	46.8	15	8	32	167	210	.....
Rhode Island.....	Piece....	1	32	54.0	46.4	.....	5	2	3	22	.....
	Time....	3	104	54.0	48.4	1	4	16	17	66	.....
	Total.	4	136	54.0	47.9	1	9	18	20	88	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

ONE-WEEK PAY ROLLS—Continued.

TWISTERS: Female—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (overtime).
Other States.....	Piece....	1	46	56.0	43.5	.....	.....	5	40	1	.....
	Time....	1	84	54.0	52.0	1	.....	4	6	73	.....
	Total.	2	130	54.7	49.0	1	.....	9	46	74	.....
All States.....	Piece....	4	134	54.7	48.4	.....	5	8	45	76	.....
	Time....	7	564	54.0	47.2	17	12	51	188	296	.....
	Total.	9	698	54.1	47.4	17	17	59	233	372	.....

WOOL SORTERS: Male.

Massachusetts.....	Piece....	3	161	54.0	45.6	2	1	4	116	38	.....	.....
	Time....	1	78	54.0	48.3	.....	1	1	75	1	.....	.....
	Total.	4	239	54.0	46.5	2	2	5	191	39	.....	.....
New Hampshire.....	Piece....	1	3	54.0	48.8	.....	.....	.....	3	.....	.....	.....
	Time....	1	2	55.0	55.0	.....	.....	.....	.....	2	.....	.....
	Total.	2	5	54.4	51.3	.....	.....	.....	3	2	.....	.....
Rhode Island.....	Piece....	1	47	54.0	34.7	.....	.....	46	1	.....	.....	.....
	Time....	1	18	54.0	53.7	.....	.....	.....	1	17	.....	.....
	Total.	2	65	54.0	40.0	.....	.....	46	2	17	.....	.....
Other States.....	Piece....	1	16	56.0	57.8	.....	.....	1	.....	.....	15	.....
	Time....	3	3	57.0	57.0	.....	.....	.....	.....	3	.....	.....
	Total.	4	19	56.2	57.6	.....	.....	1	.....	3	15	.....
All States.....	Piece....	6	227	54.1	44.3	2	1	51	120	38	15	.....
	Time....	6	101	54.1	49.6	.....	1	1	76	23	.....	.....
	Total.	12	328	54.1	45.9	2	2	52	196	61	15	.....

OTHER EMPLOYEES: Male.

Connecticut.....	Piece....	3	14	54.7	49.0	1	1	1	2	7	2	.....
	Time....	5	312	56.4	53.2	15	19	12	25	166	75	.....
	Total.	5	326	56.4	53.0	16	20	13	27	173	77	.....
Maine.....	Piece....	4	7	58.3	46.2	.....	2	.....	2	2	1	.....
	Time....	11	584	59.5	54.6	24	29	63	83	251	134	.....
	Total.	11	591	59.5	54.5	24	31	63	85	253	135	.....
Massachusetts.....	Piece....	7	685	53.9	44.7	19	20	167	225	179	75	.....
	Time....	12	6,419	54.4	50.5	135	219	484	2,469	1,578	1,534	.....
	Total.	12	7,104	55.4	49.9	154	239	651	2,694	1,757	1,609	.....
New Hampshire.....	Piece....	4	22	54.1	50.9	.....	1	1	11	5	4	.....
	Time....	6	546	56.3	52.9	19	28	36	101	208	159	.....
	Total.	6	568	56.2	52.8	19	29	37	112	208	163	.....
New Jersey.....	Piece....	2	809	56.0	57.9	9	16	20	166	100	498	.....
	Time....	2	446	59.2	59.0	22	8	17	83	113	208	.....
	Total.	2	1,255	57.1	58.3	31	24	37	249	213	701	.....

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

ONE-WEEK PAY ROLLS—Concluded.

OTHER EMPLOYEES: Male—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours actually worked per employee in one week.	Employees working each classified per cent of full time in one week.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time).
Rhode Island.....	Piece....	5	81	54.0	54.2	2	2	9	7	30	31
	Time....	5	1,427	55.0	53.5	23	37	67	303	650	347
	Total.	5	1,508	54.9	53.6	25	39	76	310	680	378
Vermont.....	Piece....	1	17	60.1	40.6	3	3	3	1	7	.....
	Time....	2	544	58.3	56.3	21	17	28	70	184	224
	Total.	2	561	58.4	55.8	24	20	31	71	191	224
Other States.....	Piece....	1	71	59.2	50.4	.....	.....	7	59	2	3
	Time....	1	609	60.9	60.6	11	18	27	132	207	274
	Total.	1	740	60.7	59.6	11	18	34	191	209	277
All States.....	Piece....	27	1,706	55.1	51.7	34	45	208	473	332	614
	Time....	44	10,947	55.7	52.6	270	375	734	3,266	3,352	2,950
	Total.	44	12,653	55.6	52.4	304	420	942	3,739	3,684	3,564

OTHER EMPLOYEES: Female.

Connecticut.....	Piece....	5	63	54.8	50.8	2	2	4	7	34	14
	Time....	5	51	54.9	50.4	2	2	2	4	41	.....
	Total.	5	114	54.9	50.6	4	4	6	11	75	14
Maine.....	Piece....	11	66	58.0	46.9	2	7	12	18	27	.....
	Time....	11	147	58.0	49.7	6	15	17	19	71	19
	Total.	11	213	58.0	48.8	8	22	29	37	98	19
Massachusetts.....	Piece....	12	775	52.7	46.1	8	50	74	274	368	1
	Time....	12	3,142	53.5	44.9	57	122	398	1,476	1,088	1
	Total.	12	3,917	53.4	45.2	65	172	472	1,750	1,456	2
New Hampshire.....	Piece....	6	60	54.5	49.1	2	.....	6	18	34	.....
	Time....	6	96	54.5	47.5	1	9	11	18	56	1
	Total.	6	156	54.5	48.1	3	9	17	36	90	1
New Jersey.....	Piece....	2	702	55.9	50.6	5	9	44	384	179	81
	Time....	2	74	55.3	51.1	.....	2	8	24	20	20
	Total.	2	776	55.8	50.7	5	11	52	408	199	101
Rhode Island.....	Piece....	5	279	54.0	45.2	7	16	59	73	124	.....
	Time....	5	1,010	54.0	49.3	18	35	102	164	686	5
	Total.	5	1,289	54.0	48.4	25	51	161	237	810	5
Vermont.....	Piece....	2	72	57.9	43.0	7	12	10	12	31	.....
	Time....	2	39	57.9	44.1	1	11	2	8	17	.....
	Total.	2	111	57.9	43.4	8	23	12	20	48	.....
Other States.....	Piece....	1	100	53.9	47.1	1	3	20	21	55	.....
	Time....	1	199	53.8	50.0	2	8	8	38	143	.....
	Total.	1	299	53.8	49.0	3	11	28	59	198	.....
All States.....	Piece....	44	2,117	54.5	47.7	34	99	229	807	852	96
	Time....	44	4,758	53.9	46.4	87	204	548	1,751	2,122	46
	Total.	44	6,875	54.1	46.8	121	303	777	2,558	2,974	142

TABLE VII.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

TWO-WEEK PAY ROLLS.**WEAVERS: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time)
Connecticut.....	Piece....	5	272	111.8	104.5	5	4	18	104	88	
Maine.....	do.....	7	177	117.0	90.4	14	16	37	59	51	
Massachusetts.....	do.....	9	1,489	108.0	94.7	46	81	119	552	614	77
New Hampshire.....	do.....	6	356	109.2	84.6	22	40	73	78	143	
New Jersey.....	do.....	2	312	111.4	99.2	5	19	15	176	97	
Rhode Island.....	do.....	5	565	108.0	98.8	10	22	36	156	321	23
Vermont.....	do.....	2	205	115.6	92.4	6	16	27	141	15	
	Total.	36	3,376	109.6	95.2	108	198	325	1,296	1,329	150

WEAVERS: Female.

Connecticut.....	Piece....	5	42	109.6	98.5	-----	2	4	23	8	5
Maine.....	do.....	7	163	116.0	90.5	4	18	45	43	53	
Massachusetts.....	do.....	9	1,078	108.0	97.2	19	40	87	312	620	
New Hampshire.....	do.....	6	701	109.8	99.1	18	33	64	86	503	
New Jersey.....	do.....	2	213	111.6	103.4	4	7	8	88	106	
Rhode Island.....	do.....	5	452	108.0	88.6	7	66	46	215	113	
Vermont.....	do.....	2	76	115.8	92.3	2	4	11	58	1	
	Total.	36	2,725	109.4	96.2	54	170	265	1,225	1,406	5

SILK-GOODS MANUFACTURING.

SUMMARY.

The full-time weekly earnings of employees in silk manufacturing in 1914 were 2 per cent lower than in 1913, 3 per cent higher than in 1912, 6 per cent higher than in 1911, and 7 per cent higher than in 1910.

Full-time hours per week were 2 per cent lower in 1914 than in 1913 and 1912, and 3 per cent lower than in 1911 and 1910. The average rate of wages per hour in 1914 was the same as in 1913, 6 per cent higher than in 1912, 11 per cent higher than in 1911, and 12 per cent higher than in 1910. On account of the reduction of hours the weekly earnings in 1914 were less than in 1913, although the hourly rate was the same.

A summary of the rates of wages and hours in the principal occupations of the industry in 1914 is presented in the following table:

AVERAGE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS; AND PER CENT OF EMPLOYEES HAVING EACH CLASSIFIED FULL-TIME HOURS AND EARNING EACH CLASSIFIED RATE OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN 1914.

[This table includes all data secured for 1914 whether or not comparable data for 1913 were available.]

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.					Average full-time weekly earnings.
				Under 54	54	Over 54 and under 57	57 and under 60	60 and over.		Under 8 cts.	8 and under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 cts. and over.	
Doublers, silk throwing, female.....	13	304	54.2	...	76	24	...	...	\$0.107	7	55	38	(1)	...	\$5.80
Pickers, cloth, female...	40	898	54.3	2	59	39	...	...	.163	6	20	29	23	23	8.86
Quillers, female.....	46	980	54.1	6	52	41	...	...	.121	13	34	41	10	1	6.53
Reelers, male.....	14	123	54.4	...	68	29	2	...	.132	8	33	32	22	6	7.22
Reelers, female.....	10	196	54.3	...	73	27	...	...	.119	7	52	28	9	4	6.44
Spinners, male.....	16	300	54.7	...	75	16	3	6	.119	18	37	27	15	3	6.52
Spinners, female.....	12	437	54.2	...	84	16	...	...	.138	9	31	27	21	12	7.50
Twisters-in, female.....	17	91	53.2	24	55	21	...	...	.183	...	18	31	12	40	9.78
Weavers, broad silk, male.....	33	2,419	54.5	1	42	58	...	...	.247	(2)	(2)	(2)	(2)	(2)	13.31
Weavers, broad silk, female.....	33	2,885	54.2	(1)	78	22	...	...	.189	(2)	(2)	(2)	(2)	(2)	10.58
Weavers, ribbon, male.....	17	1,116	53.9	22	15	57	7	(1)	.302	(2)	(2)	(2)	(2)	(2)	16.05
Weavers, ribbon, female...	15	904	54.6	4	21	75	...	...	.242	(2)	(2)	(2)	(2)	(2)	13.14
Winders, hard silk, female.....	21	1,008	54.1	3	73	24	...	...	.121	6	40	48	6	(1)	6.54
Winders, soft silk, female.....	45	1,361	54.3	3	55	42	...	...	.150	5	14	42	29	10	8.14

¹ Less than 1 per cent.

² Not computed.

AVERAGE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS; AND PER CENT OF EMPLOYEES HAVING EACH CLASSIFIED FULL-TIME HOURS AND EARNING EACH CLASSIFIED RATE OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN 1914—Concluded.

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours per week.	Per cent of employees whose full-time hours per week were—					Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.					Average full-time weekly earnings.
				Under 54	54	Over 54 and under 57	57 and under 60	60 and over.		Under 12 cts.	12 and under 16 cts.	16 and under 20 cts.	20 and under 30 cts.	30 cts. and over.	
Laborers, dyehouse, male.....	14	3,257	56.1	1	2	74	.....	23	\$0.216	1	3	22	71	3	\$12.12
Loom fixers, male.....	47	398	54.3	5	48	45	1	1	.330	.....	.....	3	20	77	17.92
Twisters-in, male.....	43	357	54.5	(1)	49	50	1	.....	.295	(1)	4	5	38	52	16.08
Warpers, male.....	22	175	54.7	.....	25	75	.....	.....	.359	.....	.....	3	16	81	19.65
Warpers, female.....	39	1,084	54.1	7	56	38	.....	.....	.203	15	15	17	45	8	10.99
Other employees, male..	61	2,191	55.2	5	37	52	2	4	.212	19	12	17	34	18	11.66
Other employees, female	52	1,860	53.5	19	43	38	.....	.....	.132	45	28	15	11	1	7.09

¹ Less than 1 per cent.

This table shows that in 1914 the average full-time weekly earnings of males, represented by 8 occupations, varied from \$6.52 for spinners to \$19.65 for warpers. The full-time earnings of females ranged from \$5.80 for doublers to \$13.14 for ribbon weavers.

The full-time hours per week in the selected occupations varied in the different establishments from 44 to 62½, the average being a little less than 55.

Summary figures for the several years from 1907 to 1914 are presented in Table I, pages 197 to 208. According to the plan of this table direct comparison can properly be made only between years when the data are from identical establishments. Data for such years are grouped together.

Reference to Table I shows that in 13 establishments the average full-time weekly earnings of doublers were \$5.37 in 1910 and \$5.64 in 1911. In 12 establishments they were \$5.56 in 1911 and \$5.41 in 1912. It would not be a proper comparison, however, to state that weekly earnings had increased from \$5.37 in 1910 to \$5.41 in 1912, because of the change in the number of establishments and of the difference in the average for 1911 in the two groups of establishments.

Owing to the changes in the number of establishments from year to year, and the consequent difference in the averages for the two groups of establishments in the same year, it is difficult to make comparisons of the actual data over a period of several years which will give an accurate measure of the changes throughout the period.

To aid in making such comparisons relative or index numbers have been computed from the averages in Table I for full-time hours per week, rates of wages per hour, and full-time weekly earnings, for each occupation for the years 1910 to 1914, inclusive. These relatives

are simply percentages in which the figures for 1914 are taken as the base, or 100 per cent. The relative for each year is the per cent that the average for that year is of the average for 1914, as determined by the method explained on page 15. These relatives are shown in the following table. For example, the relative full-time weekly earnings of doublers in 1910 was 91 as compared with 100 in 1914; that is, the weekly earnings of doublers in 1910 were 91 per cent of the weekly earnings in 1914.

The table also shows for each occupation the per cent of increase or decrease in full-time hours per week, rates of wages per hour, and full-time weekly earnings in 1914 as compared with each specified year preceding, and the change in each specified year as compared with the year immediately preceding. Thus the full-time weekly earnings of doublers in 1914 were 10 per cent higher than in 1910, 4 per cent higher than in 1911, 8 per cent higher than in 1912, and 1 per cent higher than in 1913. On the other hand, the earnings of doublers were 5 per cent higher in 1911 than in 1910, 3 per cent lower in 1912 than in 1911, and so on.

The index numbers and percentages for the industry as a whole appear at the end of the table.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND THE INDUSTRY.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Doublers, silk throwing, female:									
1910.....	104	-4	-----	88	+14	-----	91	+10	-----
1911.....	103	-3	-1	92	+9	+5	96	+4	+5
1912.....	103	-3	(1)	91	+10	-1	93	+8	-3
1913.....	102	-2	-1	97	+3	+7	99	+1	+6
1914.....	100	-----	-2	100	-----	+3	100	-----	+1
Laborers, dyehouse, male:									
1910.....	99	+1	-----	92	+9	-----	91	+10	-----
1911.....	99	+1	(1)	93	+8	+1	92	+9	+1
1912.....	99	+1	(1)	96	+2	+5	97	+3	+5
1913.....	99	+1	(1)	97	+3	-1	97	+3	(1)
1914.....	100	-----	+1	100	-----	+3	100	-----	+3
Loom fixers, male:									
1910.....	104	-4	-----	89	+12	-----	92	+9	-----
1911.....	104	-4	(1)	91	+10	+2	94	+6	+2
1912.....	103	-3	-1	93	+8	+2	96	+4	+2
1913.....	103	-3	(1)	96	+4	+3	99	+1	+3
1914.....	100	-----	-3	100	-----	+4	100	-----	+1

¹ No change.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND THE INDUSTRY—Continued.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Pickers, cloth, female:									
1910.....	104	-4	.....	81	+23	.....	86	+16	.....
1911.....	105	-5	+1	85	+14	+9	83	+8	+8
1912.....	103	-3	-2	86	+16	-2	89	+12	-4
1913.....	103	-3	(1)	101	-1	+17	104	-4	+17
1914.....	100	.....	-3	100	.....	-1	100	.....	-4
Quillers, female:									
1910.....	104	-4	.....	92	+9	.....	97	+3	.....
1911.....	104	-4	(1)	93	+8	+1	97	+3	(1)
1912.....	103	-3	-1	93	+8	(1)	96	+4	-1
1913.....	102	-2	-1	97	+3	+4	100	(1)	+4
1914.....	100	.....	-2	100	.....	+3	100	.....	(1)
Reelers, male:									
1910.....	105	-5	.....	72	+39	.....	76	+32	.....
1911.....	105	-5	(1)	80	+25	+11	84	+19	+11
1912.....	105	-5	(1)	82	+22	+3	86	+16	+2
1913.....	103	-3	-2	99	+1	+21	102	-2	+19
1914.....	100	.....	-3	100	.....	+1	100	.....	-2
Reelers, female:									
1910.....	104	-4	.....	89	+12	.....	91	+10	.....
1911.....	104	-4	(1)	89	+12	(1)	92	+9	+1
1912.....	104	-4	(1)	87	+15	-2	90	+11	-2
1913.....	104	-4	(1)	96	+4	+10	100	(1)	+11
1914.....	100	.....	-4	100	.....	+4	100	.....	(1)
Spinners, male:									
1910.....	106	-6	.....	84	+16	.....	90	+11	.....
1911.....	106	-6	(1)	87	+15	+1	91	+10	+1
1912.....	105	-5	-1	88	+14	+1	91	+10	(1)
1913.....	104	-4	-1	102	-2	+16	105	-5	+15
1914.....	100	.....	-4	100	.....	-2	100	.....	-5
Spinners, female:									
1910.....	106	-6	.....	90	+11	.....	95	+5	.....
1911.....	105	-5	-1	92	+9	+2	97	+3	+2
1912.....	104	-4	-1	93	+8	+1	97	+3	(1)
1913.....	104	-4	(1)	96	+2	+5	102	-2	+5
1914.....	100	.....	-4	100	.....	+2	100	.....	-2
Twisters-in, male:									
1910.....	104	-4	.....	85	+18	.....	88	+14	.....
1911.....	104	-4	(1)	91	+10	+7	94	+6	+7
1912.....	103	-3	-1	92	+9	+1	94	+6	(1)
1913.....	102	-2	-1	96	+4	+4	98	+2	+4
1914.....	100	.....	-2	100	.....	+4	100	.....	+2
Twisters-in, female:									
1910.....	105	-5	.....	99	+1	.....	103	-3	.....
1911.....	105	-5	(1)	100	(1)	+1	104	-4	+1
1912.....	104	-4	-1	107	-7	+7	111	-10	+7
1913.....	104	-4	(1)	110	-9	+3	113	-12	+2
1914.....	100	.....	-4	100	.....	-9	100	.....	-12
Warpers, male:									
1910.....	101	-1	.....	103	-3	.....	104	-4	.....
1911.....	101	-1	(1)	102	-2	-1	103	-3	-1
1912.....	101	-1	(1)	99	+1	-3	100	(1)	-3
1913.....	101	-1	(1)	105	-5	+6	104	-6	+6
1914.....	100	.....	-1	100	.....	-5	100	.....	-6
Warpers, female:									
1910.....	104	-4	.....	92	+9	.....	96	+4	.....
1911.....	104	-4	(1)	89	+12	-3	92	+9	-4
1912.....	103	-3	-1	95	+5	+7	98	+2	+7
1913.....	103	-3	(1)	103	-3	+8	105	-5	+7
1914.....	100	.....	-3	100	.....	-3	100	.....	-5

¹ No change.

RELATIVE FULL-TIME HOURS PER WEEK, RATES OF WAGES PER HOUR, AND FULL-TIME WEEKLY EARNINGS, 1910 TO 1914, TOGETHER WITH PER CENT OF INCREASE OR DECREASE IN SPECIFIED YEARS, IN THE PRINCIPAL OCCUPATIONS AND THE INDUSTRY—Concluded.

Occupation, sex, and year.	Hours per week.			Wages per hour.			Weekly earnings.		
	Relative full-time hours per week (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative rate of wages per hour (1914=100).	Per cent of increase (+) or decrease (-) in—		Relative full-time weekly earnings (1914=100).	Per cent of increase (+) or decrease (-) in—	
		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.		1914 as compared with each specified year.	Each specified year as compared with year preceding.
Weavers, broad silk, male:									
1910.....	104	-4	.....	94	+6	.....	100	(1)	.....
1911.....	104	-4	(1)	94	+6	(1)	99	+1	-1
1912.....	103	-3	-1	97	+3	+3	102	-2	+3
1913.....	103	-3	(1)	103	-3	+6	108	-7	+6
1914.....	100	.....	-3	100	.....	-3	100	.....	-7
Weavers, broad silk, female:									
1910.....	106	-6	.....	100	(1)	.....	106	-6	.....
1911.....	106	-6	(1)	94	+6	-6	100	(1)	-6
1912.....	103	-3	-3	99	+1	+5	102	-2	+2
1913.....	103	-3	(1)	110	-9	+11	113	-12	+11
1914.....	100	.....	-3	100	.....	-9	100	.....	-12
Weavers, ribbon, male:									
1910.....	103	-3	.....	83	+20	.....	85	+18	.....
1911.....	102	-2	-1	86	+16	+4	88	+14	+4
1912.....	102	-2	(1)	90	+11	+5	93	+8	+6
1913.....	102	-2	(1)	95	+5	+6	98	+2	+5
1914.....	100	.....	-2	100	.....	+6	100	.....	+2
Weavers, ribbon, female:									
1910.....	102	-2	.....	92	+9	.....	94	+6	.....
1911.....	102	-2	(1)	93	+8	+1	95	+5	+1
1912.....	101	-1	-1	95	+5	+2	97	+3	+2
1913.....	101	-1	(1)	101	-1	+6	102	-2	+5
1914.....	100	.....	-1	100	.....	-1	100	.....	-2
Winders, hard silk, female:									
1910.....	106	-6	.....	84	+19	.....	88	+14	.....
1911.....	106	-6	(1)	86	+16	+2	90	+11	+2
1912.....	105	-5	-1	88	+14	+2	91	+10	+1
1913.....	104	-4	-1	95	+5	+8	98	+2	+8
1914.....	100	.....	-4	100	.....	+5	100	.....	+2
Winders, soft silk, female:									
1910.....	104	-4	.....	87	+15	.....	91	+10	.....
1911.....	104	-4	(1)	89	+12	+2	93	+8	+2
1912.....	103	-3	-1	92	+9	+3	94	+6	+1
1913.....	103	-3	(1)	94	+6	+2	96	+4	+2
1914.....	100	.....	-3	100	.....	+6	100	.....	+4
The industry:									
1910.....	103	-3	.....	89	+12	.....	93	+7	.....
1911.....	103	-3	(1)	90	+11	+1	94	+6	+1
1912.....	102	-2	-1	94	+6	+4	97	+3	+3
1913.....	102	-2	(1)	100	(1)	+6	102	-2	+5
1914.....	100	.....	-2	100	.....	(1)	100	.....	-2

¹ No change.

In the above table it will be observed that the general tendency is toward a reduction of hours and an increase in hourly rates and of earnings per full week, although on account of the reduction of hours the weekly earnings in 1914 were 2 per cent less than in 1913. The relative hours per week indicate the change in the hours of employees working full time, but, as stated on page 6, do not reflect in any way the greater or less amount of work afforded.

For the reasons for computing the relatives with the data for 1914 as the base, see page 19.

FLUCTUATIONS IN EMPLOYMENT DURING YEAR.

For discussion of this subject see page 8. In this industry data were obtained from 57 establishments showing the number of days the plant was in operation, the number of employees on the pay roll, and the amount of the pay roll for each pay-roll period for a year; also a statement of the number of days the plant was closed during the year, by causes.

The following table shows for the 57 establishments the average number of days the plants were in operation, the total number of employees, the total amount of pay rolls, and the average earnings per employee, by two-week periods during the year. The column "Average days establishments were in operation" has reference to the establishment as a whole, and not to the number of employees shown in the next column. For example, the average days in operation of the 57 establishments in a given two-week period may have been only 10.4, while the employees who worked in the establishments actually in operation during that period may have averaged 11.7 days. These average days are based on the running days of the several establishments regardless of the number of employees in each. The table also shows the percentages that the number of employees, amount of pay rolls, and earnings per employee, respectively, for each pay-roll period are of the averages for the year. In this table the data are shown on a two-week basis because in a large number of establishments the pay-roll periods cover two weeks and it was not practicable to separate the figures so as to show them for one week; but for establishments which have a weekly pay roll the figures for two consecutive weeks were combined so as to bring all to the same basis.

The figures show that during the 12 months covered, with few exceptions, there was little fluctuation in either the number of employees or the average earnings per employee, except as the latter were affected by the days in operation, which, in turn, were quite uniform except at times when holidays, which are generally observed, occurred, and nearly all mills were closed.

AVERAGE DAYS ESTABLISHMENTS WERE IN OPERATION, EMPLOYEES, TOTAL PAY ROLLS, AND AVERAGE EARNINGS PER EMPLOYEE IN TWO WEEKS, FOR THE YEAR ENDING APPROXIMATELY OCT. 31, 1914, BY TWO-WEEK PERIODS.

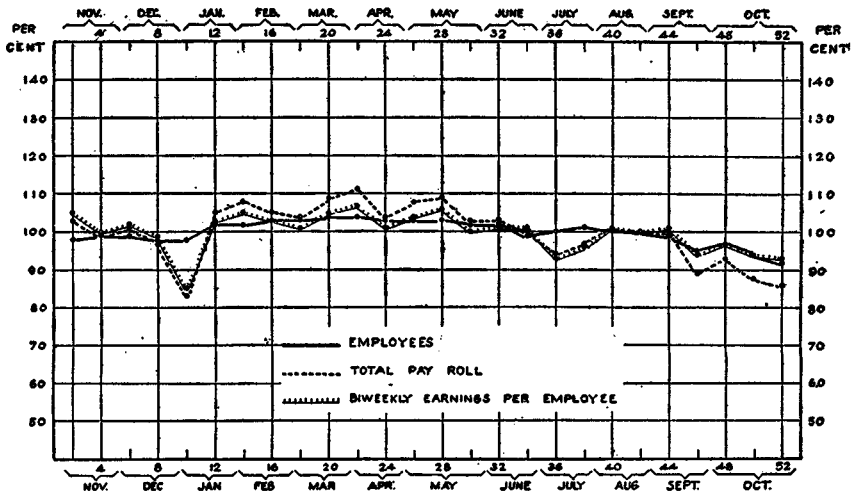
Two-week period ending approximately—	Average days establishments were in operation.	Employees.		Total pay rolls.		Average earnings per employee per 2 weeks.	
		Number.	Per cent of average for year.	Amount.	Per cent of average for year.	Amount.	Per cent of average for year.
1913.							
Nov. 15.....	11.9	21,907	98	\$439,994.91	103	\$20.18	105
29.....	11.5	22,133	99	422,511.66	99	19.09	100
Dec. 13.....	11.4	22,142	99	432,754.89	101	19.54	102
27.....	11.4	21,913	98	416,733.45	98	19.02	99

AVERAGE DAYS ESTABLISHMENTS WERE IN OPERATION, EMPLOYEES, TOTAL PAY ROLLS, AND AVERAGE EARNINGS PER EMPLOYEE IN TWO WEEKS, FOR THE YEAR ENDING APPROXIMATELY OCT. 31, 1914, BY TWO-WEEK PERIODS—Concluded.

Two-week period ending approximately—	Average days establishments were in operation.	Employees.		Total pay rolls.		Average earnings per employee per 2 weeks.	
		Number.	Per cent of average for year.	Amount.	Per cent of average for year.	Amount.	Per cent of average for year.
1914.							
Jan. 10.....	9.7	21,813	98	\$355,860.35	83	\$16.31	85
24.....	12.0	22,668	102	449,404.31	105	19.83	103
Feb. 7.....	12.0	22,821	102	461,286.46	108	20.21	105
21.....	11.9	22,866	103	449,656.03	105	19.66	103
Mar. 7.....	11.7	22,921	103	443,365.21	104	19.34	101
21.....	11.9	23,106	104	465,429.40	109	20.14	105
Apr. 4.....	12.0	23,231	104	474,655.77	111	20.43	107
18.....	11.6	23,023	103	444,742.85	104	19.32	101
May 2.....	11.8	23,006	103	459,852.66	108	19.99	104
16.....	11.9	22,896	103	464,441.50	109	20.28	106
30.....	11.3	22,803	102	438,204.33	103	19.22	100
June 13.....	11.3	22,765	102	441,737.61	103	19.40	101
27.....	11.8	21,970	99	426,107.70	100	19.39	101
July 11.....	10.4	22,397	100	399,642.95	94	17.84	93
25.....	11.7	22,596	101	416,235.85	97	18.42	96
Aug. 8.....	11.9	22,348	100	431,578.59	101	19.31	101
22.....	11.7	22,247	100	423,967.52	100	19.19	100
Sept. 5.....	11.7	22,042	99	423,401.08	100	19.44	101
19.....	10.9	21,085	95	378,572.39	89	17.95	94
Oct. 3.....	11.4	21,601	97	399,517.88	93	18.50	97
17.....	11.0	21,032	94	377,343.94	88	17.94	94
31.....	10.9	20,620	92	366,066.09	86	17.75	93
Average for year.....	11.5	22,302	100	427,348.67	100	19.16	100

The accompanying graphic chart is based on the percentages of the above table and presents at a glance the trend of the items shown:

FLUCTUATIONS IN NUMBER OF EMPLOYEES, TOTAL PAY ROLLS, AND BIWEEKLY EARNINGS PER EMPLOYEE.



The change in the volume of employment in the year ending with October, 1914, so far as this fact may be brought out by the pay rolls, is still further developed in the next table.

This table shows for 57 establishments the months during which the largest, smallest full-time, and smallest actual pay-roll periods occur, and the number of establishments closed down entirely for one week each month. It will be seen that the largest pay rolls and smallest full-time pay rolls, as well as the smallest actual pay rolls, are well distributed through the various months of the year. It will further be seen that both the largest pay roll of the year and the smallest full-time pay roll occurred in at least one establishment in each month except two.

The figures taken as a whole seem to indicate that the industry had no especially dull or active season during the year ending with October, 1914. Attention is called to the fact that the same month may show a considerable number of both large and small pay rolls, because as a rule each pay-roll period covers only one or at most two weeks, so that it is possible for an establishment to have a very large and a very small pay roll in the same month.

NUMBER OF ESTABLISHMENTS HAVING LARGEST AND SMALLEST PAY ROLLS IN SPECIFIED MONTHS.

Month.	Number of establishments having—			Number of establishments closed down entirely for 1 week.
	Largest pay roll in specified months.	Smallest actual pay roll in specified months. ¹	Smallest full-time pay roll in specified months.	
1913.				
November.....	2	1	12	
December.....	7	5	6	
1914.				
January.....		18	3	2
February.....	2			
March.....	9	1	3	
April.....	11			
May.....	13		1	
June.....	4	3	2	
July.....	1	7	1	2
August.....	3		6	
September.....	5	5	7	
October.....		17	16	1
Total.....	57	57	57	5

¹ Not including pay-roll periods during which establishment was idle all the time.

The next table shows the number of days each of 58 establishments reporting was in operation during the year and the number of days idle, by specified causes. It will be seen that during the year there was an average of nearly 8 days of idleness due to holidays and vacations, and a little over 4 days due to slack work. The total average days idle during the year was 13.8.

**NUMBER OF DAYS ESTABLISHMENTS WERE IN OPERATION AND NUMBER OF DAYS
IDLE, BY SPECIFIED CAUSES, DURING YEAR.**

State, and establishment number.	Days in operation during 52 weeks.	Number of week days idle during year of 52 weeks on account of—					Total week days idle during year.
		Holidays and vacations.	Strikes or lock- outs.	Slack work.	Inven- tory.	Other causes.	
Connecticut:							
Establishment No. 1.....	303	7	.....	.....	2	.....	9
Establishment No. 2.....	297	6	.....	.....	3	1 6	15
Establishment No. 3.....	284	7	.....	11	.....	.....	18
Establishment No. 4.....	299	8	.....	3	2	.....	13
Massachusetts:							
Establishment No. 5.....	286	8	.....	.....	18	.....	26
Establishment No. 6.....	286	8	.....	.....	18	.....	26
New Jersey:							
Establishment No. 7.....	301	9	.....	2	.....	.....	11
Establishment No. 8.....	294	6	.....	12	.....	.....	18
Establishment No. 9.....	305	7	.....	.....	.....	.....	7
Establishment No. 10.....	303	7	.....	2	.....	.....	9
Establishment No. 11.....	296	9	.....	3	3	1 1	16
Establishment No. 12.....	304	6	.....	.....	.....	.....	8
Establishment No. 13.....	298	9	.....	3	2	.....	14
Establishment No. 14.....	301	9	.....	.....	2	.....	11
Establishment No. 15.....	287	10	.....	35	.....	.....	45
Establishment No. 16.....	303	8	.....	1	.....	.....	9
Establishment No. 17.....	304	6	.....	.....	2	.....	8
Establishment No. 18.....	304	8	.....	.....	.....	.....	8
Establishment No. 19.....	283	11	.....	13	5	.....	20
Establishment No. 20.....	295	10	.....	.....	7	.....	17
Establishment No. 21.....	295	9	.....	1	6	1 1	17
Establishment No. 22.....	299	9	.....	4	.....	.....	13
Establishment No. 23.....	284	9	.....	19	.....	.....	28
Establishment No. 24.....	300	11	.....	.....	1	.....	12
Establishment No. 25.....	287	6	.....	11	8	.....	25
Establishment No. 26.....	303	9	.....	.....	.....	.....	9
Establishment No. 27.....	306	6	.....	.....	.....	.....	6
Establishment No. 28.....	302	10	.....	.....	.....	.....	10
Establishment No. 29.....	296	9	.....	7	.....	.....	16
Establishment No. 30.....	303	9	.....	.....	.....	.....	9
Establishment No. 31.....	300	11	.....	.....	1	.....	12
New York:							
Establishment No. 32.....	305	7	.....	.....	.....	.....	7
Establishment No. 33.....	303	6	.....	.....	3	.....	9
Establishment No. 34.....	301	7	.....	.....	4	.....	11
Establishment No. 35.....	302	9	.....	1	.....	.....	10
Establishment No. 36.....	307	5	.....	.....	5	.....	5
Establishment No. 37.....	299	9	.....	4	.....	.....	13
Pennsylvania:							
Establishment No. 38.....	305	7	.....	.....	.....	.....	7
Establishment No. 39.....	302	7	.....	3	.....	.....	10
Establishment No. 40.....	288	10	.....	14	.....	.....	24
Establishment No. 41.....	305	7	.....	.....	.....	.....	7
Establishment No. 42.....	296	6	.....	10	.....	.....	16
Establishment No. 43.....	294	12	.....	.....	6	.....	18
Establishment No. 44.....	298	6	.....	8	.....	.....	14
Establishment No. 45.....	268	6	.....	38	.....	.....	44
Establishment No. 46.....	300	5	.....	6	1	.....	12
Establishment No. 47.....	284	5	.....	23	.....	.....	28
Establishment No. 48.....	305	7	.....	.....	.....	.....	7
Establishment No. 49.....	303	7	.....	.....	2	.....	9
Establishment No. 50.....	305	7	.....	.....	.....	.....	7
Establishment No. 51.....	305	6	.....	1	.....	.....	7
Establishment No. 52.....	305	7	.....	.....	.....	.....	7
Establishment No. 53.....	306	6	.....	.....	.....	.....	6
Establishment No. 54.....	305	7	.....	.....	1	.....	7
Establishment No. 55.....	302	9	.....	.....	1	.....	10
Establishment No. 56.....	303	7	.....	.....	2	.....	9
Establishment No. 57.....	303	7	.....	1	.....	1 1	9
Establishment No. 58.....	301	7	.....	4	.....	.....	11
Average.....	298.2	7.7	.....	4.1	1.7	0.2	13.8

¹ Repairs.
² Cause not reported.

³ Storm.
⁴ Breakdown.

The following table shows for each of 58 establishments the working time of males and females throughout the year. Any changes of two weeks' or more duration are shown, and not only are the total

hours per week given, but also the hours per day from Monday to Friday, inclusive, and the hours on Saturday, which in every case are less than for the other days of the week.

WORKING TIME OF ESTABLISHMENTS, BY STATES.

Es- tab- lish- ment num- ber.	State and date.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
<i>Connecticut.</i>							
1	Nov. 1 to Dec. 31, 1913.....	1 10½	5½	2 58	10½	5½	58
	Jan. 1 to Oct. 31, 1914.....	1 10	5	2 55	10	5	55
2	Nov. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Oct. 31, 1914.....	10	5	55	10	5	55
3	Nov. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Sept. 26, 1914.....	10	5	55	10	5	55
	Sept. 27 to Oct. 10, 1914.....	10	-----	50	10	-----	50
	Oct. 11 to Oct. 31, 1914.....	8	-----	40	8	-----	40
4	Nov. 1 to Dec. 31, 1913.....	10½	5½	58	10½	5½	58
	Jan. 1 to Oct. 10, 1914.....	10	5	55	10	5	55
	Oct. 11 to Oct. 31, 1914.....	8	-----	40	8	-----	40
<i>Massachusetts.</i>							
5	Entire year.....	9½	5½	54	9½	5½	54
6	Nov. 1, 1913, to Sept. 26, 1914.....	9½	4½	54	9½	4½	54
	Sept. 27 to Oct. 10, 1914.....	4 9½	(^o)	39½	4 9½	(^o)	39½
	Oct. 11 to Oct. 24, 1914.....	4 9½	(^o)	29½	4 9½	(^o)	29½
	Oct. 25 to Oct. 31, 1914.....	4 9	(^o)	36	4 9	(^o)	36
<i>New Jersey.</i>							
7	Entire year.....	10	5	55	10	5	55
8	Nov. 1, 1913, to Sept. 26, 1914.....	10	5	55	10	5	55
	Sept. 27 to Oct. 31, 1914.....	8	-----	40	8	-----	40
9	Entire year.....	10	5	55	10	5	55
10	Do.....	10	5	55	10	5	55
11	Do.....	10	5	55	10	5	55
12	Nov. 1, 1913, to June 30, 1914.....	10	5	55	10	5	55
	July 1 to Oct. 31, 1914.....	10	(^o)	50	10	(^o)	50
13	Entire year.....	10	5	55	10	5	55
14	Do.....	10	5	55	10	5	55
15	Do.....	10	5	55	10	5	55
16	Do.....	10	5	55	10	5	55
17	Do.....	10	5	55	10	5	55
18	Do.....	10	5	55	10	5	55
19	Nov. 1, 1913, to Sept. 11, 1914.....	10	5	55	10	5	55
	Sept. 12 to Oct. 31, 1914.....	4 10	(^o)	40	4 10	(^o)	40
20	Entire year.....	10	5	55	10	5	55
21	Do.....	10	5	55	10	5	55
22	Do.....	10	5	55	10	5	55
23	Do.....	10	5	55	10	5	55
24	Do.....	10	5	55	10	5	55
25	Nov. 1, 1913, to Aug. 15, 1914.....	10	5	55	10	5	55
	Aug. 16 to Oct. 31, 1914.....	10	-----	50	10	-----	50
26	Entire year.....	9	5	50	9	5	50
27	Do.....	10	5	55	10	5	55
28	Do.....	10	5	55	10	5	55
29	Nov. 1, 1913, to Sept. 4, 1914.....	10	5	55	10	5	55
	Sept. 5 to Oct. 13, 1914.....	9	5	50	9	5	50
	Oct. 14 to Oct. 31, 1914.....	10	5	55	10	5	55
30	Entire year.....	10	5	55	10	5	55
31	Nov. 1, 1913, to June 2, 1914.....	10	5	55	10	5	55
	June 3 to Oct. 31, 1914.....	8	-----	40	8	-----	40

1 Except dyehouse, 9½ hours.

2 Except dyehouse, 5½ hours.

3 Except dyehouse, 5½ hours.

4 Monday to Thursday.

5 Friday and Saturday, none.

6 Monday to Wednesday.

7 Thursday to Saturday, none.

8 None, except weavers, 5 hours.

9 Except weavers, 55 hours.

10 Except broad-silk department, 5 hours on Friday, Oct. 2 to Oct. 31, 1914.

11 Except broad-silk department, none on Friday, Oct. 2 to Oct. 31, 1914.

12 Except broad-silk department, 45 hours on Friday, Oct. 2 to Oct. 31, 1914.

WORKING TIME OF ESTABLISHMENTS, BY STATES—Concluded.

Es- tab- lish- ment num- ber.	State and date.	Hours worked by—					
		Males.			Females.		
		Monday to Friday.	Saturday.	Total.	Monday to Friday.	Saturday.	Total.
	<i>New York.</i>						
32	Entire year.....	1 9½	2 4½	3 50½	1 9½	2 4½	3 50½
33	Do.....	10	4	54	10	4	54
34	Do.....	9	4½	49½	9	4½	49½
35	Do.....	9½	5	54	9½	5	54
36	Do.....	10	5	55	10	4	54
37	Do.....	10	4	54	10	4	54
	<i>Pennsylvania.</i>						
38	Entire year.....	9½	5½	54	9½	5½	54
39	Nov. 1, 1913, to Oct. 10, 1914.....	9½	5½	54	9½	5½	54
	Oct. 11 to Oct. 31, 1914.....	8	4	44	8	4	44
40	Entire year.....	9½	5½	54	9½	5½	54
41	Do.....	10	5	55			
42	Do.....	10	4	54	10	4	54
43	Nov. 1, 1913, to Sept. 5, 1914.....	10½	5½	58	9½	5	54
	Sept. 6 to Oct. 31, 1914.....	9		45	9		45
44	Nov. 1, 1913, to Sept. 1, 1914.....	10	5	55			
	Sept. 2 to Oct. 31, 1914.....	10		50			
45	Entire year.....	10	5	55			
46	Do.....	10	5½	55½	9½	5½	54
47	Do.....	4 9½	5	54	4 9½	5	54
48	Do.....	9½	5½	54	9½	5½	54
49	Do.....	9½	5	54	9½	5	54
50	Do.....	9½	5½	54	9½	5½	54
51	Do.....	9½	5	54	9½	5	54
52	Do.....	9½	5½	54	9½	5½	54
53	Do.....	10½	5½	60	9½	5½	54
54	Do.....	9½	5½	54	9½	5½	54
55	Do.....	9½	5	54	9½	5	54
56	Do.....	10½	5½	58	9½	5½	54
57	Do.....	9½	5	54	9½	5	54
58	Do.....	10	5	55			

¹ Except employees under 16 years of age, 8 hours.

² Except employees under 16 years of age, 4 hours.

³ Except employees under 16 years of age, 44 hours.

⁴ Except Friday, 10 hours.

As stated on page 5 data have been secured showing for 1914 the hours actually worked by employees. The following table, which is a summary of General Table VI, shows the number and per cent of employees working certain classified percentages of full time, by States.

Most of the establishments furnishing data for the silk industry have two-week pay-roll periods, consequently the figures in this table as well as in Table VI, upon which it is based, are shown for two weeks. Eight establishments, having a weekly pay-roll period, are omitted.

NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME, BY STATES, 1914.

[Eight establishments, having weekly pay-roll periods, are omitted from this table.]

State.	Number of establishments.	Total number of employees.	Number and per cent of employees working each classified per cent of full time in 2 weeks.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Connecticut.....	2	578	197	34	381	66	173	30	49	8	25	4
Massachusetts.....	2	1,328	104	8	1,224	92	1,202	91	234	18	13	1
New Jersey.....	26	6,925	1,583	23	5,342	77	1,849	27	445	6	126	2
New York.....	7	1,308	623	48	685	52	425	32	82	6	21	2
Pennsylvania.....	18	8,051	1,790	22	6,261	78	3,433	43	698	9	150	2
Total.....	55	18,190	4,297	24	13,893	76	7,082	39	1,508	8	335	2

This report includes data from establishments engaged in silk throwing and establishments that make broad silks and ribbons. Establishments manufacturing exclusively machine twist, sewing and embroidery silks, braids, laces, novelties, etc., have not been included.

The number of establishments from which data were secured has varied considerably during the period included in the report, as follows:

1907 to 1910.....	10 identical establishments.
1910 and 1911.....	42 identical establishments.
1911 and 1912.....	42 identical establishments.
1912 and 1913.....	51 identical establishments.
1913 and 1914.....	59 identical establishments.

In addition to the 59 establishments from which data were secured for 1913 and 1914, data were secured from 4 establishments for 1914 only, making a total of 63 establishments from which data for 1914 are presented. Figures based upon data for all establishments covered in 1914 are included in certain tables, as indicated by prefatory notes.

The following table shows by States the number of employees in the industry as reported by the United States Census Office, 1910, the number of establishments from which the Bureau secured data for 1914, and the number of employees for whom such data were secured:

TOTAL NUMBER OF EMPLOYEES IN SILK MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN FOR 1914.

State.	Number of employees reported by United States Census, 1910.	Establishments and employees for which data are shown for 1914 in this report.	
		Number of establishments.	Number of employees.
Pennsylvania.....	36,469	21	8,347
New Jersey.....	30,285	27	7,255
New York.....	12,903	18	1,798
Connecticut.....	8,703	5	2,496
Massachusetts.....	4,109	2	2,448
Other States ¹	6,568	.....	.....
Total.....	99,037	63	22,344

¹ The silk industry in New York State is confined largely to the manufacture of braids, laces, novelties, etc., and establishments engaged exclusively in the manufacture of such articles are not included in this report.

² Includes States having less than 2,000 employees in 1909.

According to the census of 1910 more than 93 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for whom the Bureau secured 1914 data and for whom detailed information for 1914 is presented in this report is equal to 22.6 per cent of the total number in the industry in 1909 (the year to which the census figures apply).

The specified occupations for which data are shown for 1914 are:

Doublers, silk throwing.	Twisters-in.
Laborers, dyehouse.	Warpers.
Loom fixers.	Weavers, broad silk.
Pickers, cloth.	Weavers, ribbon.
Quillers.	Winders, hard silk.
Reelers.	Winders, soft silk.
Spinners.	

Of the 13 selected occupations tabulated data are shown for males alone in 2, for females alone in 5, and for both males and females in 6 occupations.

In addition to the text tables already shown, 6 general tables are shown, as follows:

Table I.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, in the United States, by years, 1907 to 1914.

Table II.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, in each State, by years, 1913 and 1914.

Table III.—Average rates of wages per hour, average full-time weekly earnings, and average and classified full-time hours per week, for pieceworkers and timeworkers, by States, 1914.

Table IV.—Average full-time hours per week, and average and classified rates of wages per hour in each State, by years, 1913 and 1914.

Table V.—Average full-time hours per week, and average and classified rates of wages per hour, for pieceworkers and timeworkers, by States, 1914.

Table VI.—Average full-time hours, average hours actually worked, and number of employees working each classified per cent of full time in two weeks, for pieceworkers and timeworkers, by States, 1914.

In Table I in addition to actual data, percentages computed therefrom are given.

When available data for a State are sufficient to warrant presentation, such data are presented by States, as in Tables II, III, IV, V, and VI.

Tables I, III, V, and VI include data from some establishments from which information was obtained for 1914 only.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914.

[The figures opposite each group of years are for identical establishments. Where a second line is shown for 1914 it contains all data secured for 1914 whether or not comparable data for 1913 were available.]

NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Doublers, silk-throwing, female.</i>											
4 establishments.....	1907	72	57.6	\$0.104	(1)	.....	.....	.....	34	.....	38
	1908	67	56.9	.103	(1)	.....	.....	.....	36	10	21
	1909	78	56.4	.099	(1)	.....	.....	.....	39	39	.....
	1910	64	56.2	.105	(1)	.....	.....	.....	37	27	.....
13 establishments.....	1910	255	57.3	.094	\$5.37	.....	.....	.....	101	126	28
	1911	237	57.1	.099	5.64	.....	.....	.....	97	126	14
12 establishments.....	1911	316	56.2	.099	5.56	.....	.....	.....	192	124	.....
	1912	302	56.2	.097	5.41	.....	.....	.....	190	112	.....
11 establishments.....	1912	269	56.0	.096	5.38	.....	.....	.....	195	74	.....
	1913	249	55.3	.103	5.70	.....	.....	.....	222	27	.....
10 establishments.....	1913	247	55.3	.103	5.69	.....	.....	.....	222	25	.....
	1914	272	54.2	.106	5.75	.....	.....	214	58	.....	.....
13 establishments.....	1914	304	54.2	.107	5.80	.....	.....	231	73	.....	.....
<i>Laborers, dyehouse, male.</i>											
4 establishments.....	1907	1,231	55.6	.186	(1)	.....	.....	.....	998	217	16
	1908	888	55.5	.202	(1)	.....	.....	.....	709	179	.....
	1909	1,355	55.5	.201	(1)	.....	.....	.....	1,123	232	.....
	1910	1,175	55.6	.201	(1)	.....	.....	.....	949	220	.....
8 establishments.....	1910	1,746	55.8	.197	10.99	.....	.....	.....	1,364	226	156
	1911	2,062	55.8	.199	11.05	.....	.....	.....	1,636	248	168
11 establishments.....	1911	2,516	55.6	.201	11.15	.....	.....	.....	2,145	203	168
	1912	2,670	55.6	.212	11.74	.....	38	21	2,204	132	275
12 establishments.....	1912	2,739	55.6	.211	11.68	.....	38	21	2,273	132	275
	1913	2,625	55.6	.210	11.67	.....	55	24	2,150	132	264
12 establishments.....	1913	2,612	55.6	.210	11.69	.....	55	24	2,137	132	264
	1914	3,224	56.1	.216	12.11	.....	41	56	2,393	.....	* 734
14 establishments.....	1914	3,257	56.1	.216	12.12	11	41	56	2,415	.....	* 734
<i>Loom fixers, male.</i>											
8 establishments.....	1907	75	57.4	.260	(1)	.....	.....	.....	18	50	7
	1908	72	57.1	.272	(1)	.....	.....	.....	20	49	3
	1909	89	57.2	.268	(1)	.....	.....	.....	21	68	.....
	1910	90	56.9	.276	(1)	.....	.....	.....	28	62	.....
22 establishments.....	1910	138	56.5	.289	16.28	.....	.....	.....	69	69	.....
	1911	144	56.5	.293	16.56	.....	.....	.....	69	75	.....
19 establishments.....	1911	128	56.8	.290	16.40	.....	.....	6	45	77	.....
	1912	125	56.6	.298	16.81	.....	.....	12	44	69	.....
29 establishments.....	1912	230	56.1	.307	17.20	3	.....	12	120	95	.....
	1913	243	55.9	.318	17.71	16	.....	5	125	97	.....
41 establishments.....	1913	329	55.8	.321	17.89	17	.....	21	168	123	.....
	1914	349	54.3	.333	18.09	21	.....	146	178	2	2
47 establishments.....	1914	398	54.3	.330	17.92	21	.....	192	181	2	2

1 Not computed.

2 Including 29 employees whose full-time hours per week were over 60.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Pickers, cloth, female.</i>											
7 establishments.....	1907	177	57.8	\$0.131	(1)	.....	.....	.....	27	116	34
	1908	168	57.4	.129	(1)	.....	.....	.....	32	124	12
	1909	225	57.5	.133	(1)	.....	.....	.....	37	173	15
	1910	253	57.2	.131	(1)	.....	.....	.....	41	201	11
19 establishments.....	1910	394	56.7	.124	\$7.09	.....	.....	.....	156	227	11
	1911	418	56.8	.134	7.66	.....	.....	.....	165	242	11
17 establishments.....	1911	503	56.8	.150	8.55	.....	.....	.....	242	250	11
	1912	493	55.9	.147	8.19	.....	.....	.....	303	190	.....
25 establishments.....	1912	570	55.9	.134	7.50	.....	.....	18	362	190	.....
	1913	523	55.9	.157	8.76	3	.....	21	326	173	.....
26 establishments.....	1913	659	56.0	.151	8.45	3	.....	63	357	236	.....
	1914	734	54.4	.150	8.14	* 7	.....	385	342	.....	.....
40 establishments.....	1914	898	54.3	.163	8.86	* 21	.....	526	351	.....	.....
<i>Quillers, female.</i>											
7 establishments.....	1907	107	58.0	.097	(1)	.....	.....	.....	19	55	33
	1908	122	57.9	.096	(1)	.....	.....	.....	22	67	33
	1909	130	57.7	.091	(1)	.....	.....	.....	25	77	28
	1910	146	57.5	.105	(1)	.....	.....	.....	34	93	19
23 establishments.....	1910	340	56.2	.107	6.04	.....	.....	18	189	114	19
	1911	382	56.2	.108	6.03	.....	.....	18	225	123	16
23 establishments.....	1911	538	56.2	.111	6.24	.....	.....	18	355	149	16
	1912	528	55.4	.111	6.16	.....	.....	218	172	138	.....
31 establishments.....	1912	520	55.7	.112	6.22	.....	.....	42	338	140	.....
	1913	557	55.3	.117	6.47	* 39	.....	26	359	133	.....
41 establishments.....	1913	735	55.3	.115	6.38	* 50	.....	63	433	189	.....
	1914	815	54.1	.118	6.38	* 60	.....	357	398	.....	.....
46 establishments.....	1914	980	54.1	.121	6.53	* 62	.....	514	404	.....	.....
<i>Reelers, male.</i>											
10 establishments.....	1910	104	58.0	.091	5.27	.....	.....	.....	17	72	15
	1911	97	57.9	.100	5.78	.....	.....	.....	21	63	13
12 establishments.....	1911	133	57.1	.101	5.80	.....	.....	.....	57	72	4
	1912	118	56.9	.104	5.82	.....	.....	8	43	67	.....
11 establishments.....	1912	111	56.9	.109	6.20	.....	.....	6	42	63	.....
	1913	77	56.3	.132	7.43	.....	.....	4	41	32	.....
10 establishments.....	1913	77	56.3	.132	7.41	.....	.....	4	41	32	.....
	1914	114	54.4	.133	7.23	.....	.....	79	32	3	.....
14 establishments.....	1914	123	54.4	.132	7.22	.....	.....	84	36	3	.....
<i>Reelers, female.</i>											
2 establishments.....	1907	41	56.8	.086	(1)	.....	.....	.....	26	.....	15
	1908	36	56.3	.089	(1)	.....	.....	.....	27	.....	9
	1909	29	56.0	.099	(1)	.....	.....	.....	19	10	.....
	1910	25	56.2	.106	(1)	.....	.....	.....	15	10	.....

¹ Not computed.

* Including 6 employees whose full-time hours per week were under 48.

* Including 9 employees whose full-time hours per week were under 48.

* Including 5 employees whose full-time hours per week were under 48.

* Including 7 employees whose full-time hours per week were under 48.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Num-ber of em-ploy-ees.	Aver-age full-time hours per week.	Aver-age rate of wages per hour.	Aver-age full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Reelers, female—Concluded.</i>											
7 establishments.....	1910	82	57.2	\$0.094	\$5.34				44	13	25
	1911	108	57.6	.094	5.43				47	19	42
10 establishments.....	1911	256	56.4	.098	5.53				159	73	24
	1912	271	56.2	.096	5.39			23	148	70	30
11 establishments.....	1912	199	56.6	.091	5.17				110	59	30
	1913	194	56.7	.101	5.73			5	91	79	19
8 establishments.....	1913	180	56.6	.101	5.70			5	91	65	19
	1914	161	54.3	.105	5.72			112	49		
10 establishments.....	1914	196	54.3	.119	6.44			143	53		
<i>Spinners, male.</i>											
4 establishments.....	1907	153	56.8	.098	(1)				99		54
	1908	162	56.8	.093	(1)				101	8	53
	1909	174	56.3	.092	(1)				96	78	
	1910	134	56.0	.095	(1)				87	47	
16 establishments.....	1910	327	57.5	.094	5.40				120	146	61
	1911	396	57.5	.095	5.47				139	176	81
14 establishments.....	1911	338	57.6	.101	5.80				99	201	38
	1912	327	57.3	.102	5.82			32	81	163	46
14 establishments.....	1912	277	57.2	.101	5.75			22	87	122	46
	1913	262	56.6	.117	6.61			20	126	79	37
14 establishments.....	1913	262	56.6	.117	6.58			20	126	79	37
	1914	279	54.3	.115	6.27			222	47	10	
36 establishments.....	1914	300	54.7	.119	6.52			224	47	10	19
<i>Spinners, female.</i>											
establishments.....	1907	45	58.7	.093	(1)				12		33
	1908	35	58.5	.090	(1)				10		23
	1909	30	57.2	.084	(1)				8	22	
	1910	33	57.1	.085	(1)				10	23	
establishments.....	1910	86	56.9	.091	5.15				39	41	6
	1911	85	56.8	.093	5.26				38	45	2
12 establishments.....	1911	369	56.5	.123	6.90				233	134	2
	1912	395	56.0	.124	6.92			97	154	133	11
11 establishments.....	1912	282	56.6	.104	5.92				154	117	11
	1913	340	56.3	.110	6.20			18	176	134	12
11 establishments.....	1913	340	56.3	.110	6.19			18	176	134	12
	1914	285	54.2	.112	6.07			215	70		
12 establishments.....	1914	437	54.2	.138	7.50			367	70		
<i>Twisters-in, male.</i>											
7 establishments.....	1907	50	57.8	.246	(1)				7	34	9
	1908	51	57.6	.230	(1)				7	37	7
	1909	54	57.5	.254	(1)				7	45	2
	1910	49	57.4	.243	(1)				7	40	2
17 establishments.....	1910	85	56.7	.256	14.49			1	35	47	2
	1911	92	56.7	.272	15.40			2	35	54	1

¹ Not computed.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Twisters-in, male—Concluded.</i>											
21 establishments.....	1911	166	56.4	\$0.259	\$14.60			2	103	60	1
	1912	184	55.7	.262	14.60			60	61	63	
28 establishments.....	1912	192	55.8	.274	15.23			12	122	58	
	1913	206	55.7	.288	15.98		13	11	118	64	
36 establishments.....	1913	275	55.9	.287	16.01	1		23	153	93	
	1914	294	54.6	.298	16.30	1		121	169	3	
43 establishments.....	1914	357	54.5	.295	16.08	1		175	178	3	
<i>Twisters-in, female.</i>											
5 establishments.....	1907	36	56.5	.135	(1)				22	7	7
	1908	58	55.9	.116	(1)				45	6	7
	1909	68	56.0	.134	(1)				48	13	7
	1910	85	55.7	.130	(1)				66	14	5
9 establishments.....	1910	92	55.7	.137	7.63			2	71	14	5
	1911	99	55.6	.139	7.74			1	80	13	5
6 establishments.....	1911	46	58.0	.157	9.07			1	2	38	5
	1912	46	57.7	.167	9.64			3		43	
11 establishments.....	1912	76	56.6	.192	10.82			1	32	43	
	1913	51	56.3	.197	11.06		2		24	25	
12 establishments.....	1913	67	55.0	.205	11.24	13		3	26	25	
	1914	82	53.1	.187	9.94	22		43	17		
17 establishments.....	1914	91	53.2	.183	9.78	22		50	19		
<i>Warpers, male.</i>											
3 establishments.....	1907	27	57.0	.306	(1)				5	22	
	1908	25	56.8	.306	(1)				7	18	
	1909	32	57.2	.298	(1)				5	27	
	1910	34	57.3	.315	(1)				4	30	
7 establishments.....	1910	51	56.6	.317	17.88				21	30	
	1911	50	56.6	.314	17.69				20	30	
5 establishments.....	1911	42	56.8	.311	17.57				17	25	
	1912	37	56.9	.301	17.07				14	23	
13 establishments.....	1912	79	55.9	.318	17.72				56	23	
	1913	84	55.6	.339	18.83		3		63	18	
14 establishments.....	1913	152	55.3	.388	21.40			14	120	18	
	1914	151	54.8	.368	20.17			31	120		
22 establishments.....	1914	175	54.7	.359	19.65			44	131		
<i>Warpers, female.</i>											
6 establishments.....	1907	169	57.8	.162	(1)				46	70	53
	1908	176	57.0	.158	(1)				65	94	17
	1909	233	57.1	.154	(1)				79	127	27
	1910	155	56.7	.153	(1)				68	78	9
17 establishments.....	1910	290	56.3	.179	10.08				186	95	9
	1911	346	56.3	.173	9.72				213	118	15
19 establishments.....	1911	508	56.7	.186	10.50				275	218	15
	1912	539	56.0	.200	11.15			144	170	225	

¹ Not computed.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Num-ber of employ-ees.	Aver-age full-time hours per week.	Aver-age rate of wages per hour.	Aver-age full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Warpers, female—Concl'd.</i>											
26 establishments.....	1912	666	55.9	\$0.190	\$10.60	.....	.....	27	414	225	.....
	1913	659	55.8	.205	11.39	28	.....	32	383	216	.....
33 establishments.....	1913	849	55.7	.205	11.88	50	.....	54	440	305	.....
	1914	934	54.2	.199	10.79	55	.....	477	402	.....	.....
39 establishments.....	1914	1,084	54.1	.203	10.99	71	.....	604	409	.....	.....
<i>Weavers, broad silk, male.</i>											
5 establishments.....	1907	369	57.7	.206	(1)	.....	.....	.....	22	346	1
	1908	438	57.4	.185	(1)	.....	.....	.....	60	377	1
	1909	585	57.5	.200	(1)	.....	.....	.....	74	502	9
	1910	587	57.5	.199	(1)	.....	.....	.....	70	513	4
14 establishments.....	1910	1,008	56.9	.213	12.17	.....	.....	.....	389	615	4
	1911	1,037	57.0	.213	12.10	.....	.....	.....	381	654	2
13 establishments.....	1911	1,462	56.9	.214	12.15	.....	.....	.....	647	813	2
	1912	1,441	56.3	.221	12.45	.....	.....	379	331	731	.....
20 establishments.....	1912	1,403	56.4	.224	12.59	.....	.....	103	569	731	.....
	1913	1,571	56.1	.239	13.40	33	123	97	525	793	.....
28 establishments.....	1913	2,107	56.0	.253	14.15	33	.....	232	987	855	.....
	1914	2,140	54.6	.245	13.05	23	.....	768	1,349	.....	.....
33 establishments.....	1914	2,419	54.5	.247	13.31	23	.....	1,005	1,391	.....	.....
<i>Weavers, broad silk, female.</i>											
6 establishments.....	1907	719	57.1	.143	(1)	.....	.....	.....	275	338	106
	1908	801	56.9	.127	(1)	.....	.....	.....	338	374	89
	1909	870	56.7	.128	(1)	.....	.....	.....	441	330	99
	1910	964	56.6	.130	(1)	.....	.....	.....	502	364	98
14 establishments.....	1910	1,190	56.7	.141	8.02	.....	.....	.....	569	523	98
	1911	1,145	56.6	.133	7.58	.....	.....	.....	577	497	71
11 establishments.....	1911	1,378	57.2	.181	10.32	.....	.....	.....	612	695	71
	1912	1,450	55.9	.190	10.58	.....	.....	687	136	627	.....
19 establishments.....	1912	1,626	56.1	.173	9.69	.....	.....	24	975	627	.....
	1913	1,647	56.0	.192	10.72	2	29	32	981	603	.....
28 establishments.....	1913	2,217	56.1	.198	11.06	2	.....	140	1,262	813	.....
	1914	2,051	54.3	.180	9.77	2	.....	1,442	607	.....	.....
33 establishments.....	1914	2,885	54.2	.189	10.58	2	.....	2,260	623	.....	.....
<i>Weavers, ribbon, male.</i>											
2 establishments.....	1907	52	57.2	.225	(1)	.....	.....	.....	13	39	.....
	1908	34	57.1	.231	(1)	.....	.....	.....	10	24	.....
	1909	45	57.1	.203	(1)	.....	.....	.....	13	32	.....
	1910	61	57.6	.214	(1)	.....	.....	.....	6	55	.....
8 establishments.....	1910	353	55.3	.237	13.11	.....	.....	44	254	55	.....
	1911	426	55.2	.246	13.56	.....	.....	62	310	54	.....
6 establishments.....	1911	369	54.8	.248	13.57	.....	.....	62	307	.....	.....
	1912	386	54.8	.261	14.33	.....	.....	65	321	.....	.....
12 establishments.....	1912	720	54.9	.277	15.21	.....	.....	65	653	2	.....
	1913	718	54.6	.293	15.97	69	.....	.....	649	.....	.....

1 Not computed.

TABLE I.—AVERAGE RATES, OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Weavers, ribbon, male—Concluded.</i>											
16 establishments.....	1913	997	54.9	\$0.289	\$15.78	145	.....	.....	649	203	.....
	1914	1,106	53.9	.303	16.10	240	.....	169	623	73	1
17 establishments.....	1914	1,116	53.9	.302	16.05	240	.....	169	633	73	1
<i>Weavers, ribbon, female.</i>											
4 establishments.....	1907	317	57.2	.198	(1)	.....	.....	.....	121	129	60
	1908	227	57.0	.202	(1)	.....	.....	.....	108	65	50
	1909	280	56.9	.198	(1)	.....	.....	.....	123	128	29
	1910	230	56.6	.209	(1)	.....	.....	.....	118	89	23
10 establishments.....	1910	591	55.6	.226	12.53	.....	.....	14	465	89	23
	1911	683	55.5	.229	12.70	.....	.....	18	548	101	16
9 establishments.....	1911	635	55.3	.227	12.51	.....	.....	18	548	53	.....
	1912	580	55.2	.231	12.73	.....	.....	17	509	54	.....
11 establishments.....	1912	638	55.1	.231	12.71	.....	.....	17	599	22	.....
	1913	704	54.9	.246	13.46	26	.....	.....	649	29	.....
15 establishments.....	1913	777	55.2	.244	13.46	26	.....	.....	649	102	.....
	1914	904	54.6	.242	13.14	39	.....	189	676	.....	.....
<i>Winders, hard silk, female.</i>											
4 establishments.....	1907	149	57.6	.099	(1)	.....	.....	.....	73	.....	76
	1908	165	57.1	.087	(1)	.....	.....	.....	88	18	59
	1909	181	56.5	.089	(1)	.....	.....	.....	90	91	.....
	1910	140	56.4	.093	(1)	.....	.....	.....	72	68	.....
17 establishments.....	1910	559	57.3	.093	5.30	.....	.....	.....	221	267	71
	1911	592	57.3	.096	5.46	.....	.....	.....	243	268	81
18 establishments.....	1911	889	56.8	.104	5.88	.....	.....	.....	483	361	45
	1912	834	56.2	.106	5.96	.....	.....	181	305	310	38
19 establishments.....	1912	787	56.8	.104	5.88	.....	.....	43	823	383	38
	1913	836	56.3	.112	6.30	20	.....	43	399	328	46
19 establishments.....	1913	836	56.3	.112	6.29	20	.....	43	399	328	46
	1914	842	54.1	.118	6.42	30	.....	587	225	.....	.....
21 establishments.....	1914	1,008	54.1	.121	6.54	30	.....	739	239	.....	.....
<i>Winders, soft silk, female.</i>											
8 establishments.....	1907	431	58.0	.103	(1)	.....	.....	.....	86	208	137
	1908	315	57.6	.099	(1)	.....	.....	.....	57	211	47
	1909	394	57.6	.104	(1)	.....	.....	.....	67	277	50
	1910	400	57.2	.108	(1)	.....	.....	.....	104	271	25
24 establishments.....	1910	675	56.6	.119	6.74	.....	.....	15	291	344	25
	1911	730	56.5	.122	6.88	.....	.....	15	365	329	21
22 establishments.....	1911	900	56.7	.126	7.14	.....	.....	.....	453	426	21
	1912	891	56.0	.130	7.25	.....	.....	236	286	369	.....
28 establishments.....	1912	836	55.8	.136	7.57	.....	.....	41	546	249	.....
	1913	874	55.7	.139	7.74	4	26	49	551	244	.....
39 establishments.....	1913	1,136	55.7	.141	7.83	32	.....	97	658	349	.....
	1914	1,137	54.3	.150	8.15	39	.....	532	566	.....	.....
45 establishments.....	1914	1,361	54.3	.150	8.14	39	.....	744	578	.....	.....

¹ Not computed.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Doublers, silk-throwing, female.</i>											
4 establishments.....	1907	72	57.6	\$0.104	(1)	.....	.....	.....	47	.....	53
	1908	67	56.9	.103	(1)	.....	.....	.....	54	15	31
	1909	78	56.4	.099	(1)	.....	.....	.....	50	50	.....
	1910	64	56.2	.105	(1)	.....	.....	.....	58	42	.....
13 establishments.....	1910	255	57.3	.094	\$5.37	.....	.....	.....	40	49	11
	1911	237	57.1	.099	5.64	.....	.....	.....	41	53	6
12 establishments.....	1911	316	56.2	.099	5.56	.....	.....	.....	61	39	.....
	1912	302	56.2	.097	5.41	.....	.....	.....	63	37	.....
11 establishments.....	1912	269	56.0	.096	5.38	.....	.....	.....	72	28	.....
	1913	249	55.3	.103	5.70	.....	.....	.....	89	11	.....
10 establishments.....	1913	247	55.3	.103	5.69	.....	.....	.....	90	10	.....
	1914	272	54.2	.106	5.75	.....	.....	79	21	.....	.....
13 establishments.....	1914	304	54.2	.107	5.80	.....	.....	76	24	.....	.....
<i>Laborers, dyehouse, male.</i>											
4 establishments.....	1907	1,231	55.6	.136	(1)	.....	.....	.....	81	18	1
	1908	888	55.5	.202	(1)	.....	.....	.....	80	20	.....
	1909	1,355	55.5	.201	(1)	.....	.....	.....	83	17	.....
	1910	1,175	55.6	.201	(1)	.....	.....	.....	81	19	.....
8 establishments.....	1910	1,746	55.8	.197	10.99	.....	.....	.....	78	13	9
	1911	2,052	55.8	.199	11.05	.....	.....	.....	80	12	8
11 establishments.....	1911	2,516	55.6	.201	11.15	.....	.....	.....	85	8	7
	1912	2,670	55.6	.212	11.74	.....	1	1	83	5	10
12 establishments.....	1912	2,739	55.6	.211	11.68	.....	1	1	83	5	10
	1913	2,625	55.6	.210	11.67	.....	2	1	82	5	10
12 establishments.....	1913	2,612	55.6	.210	11.69	.....	2	1	82	5	10
	1914	3,224	56.1	.216	12.11	.....	1	2	74	.....	23
14 establishments.....	1914	3,257	56.1	.216	12.12	(2)	1	2	74	.....	23
<i>Loom fixers, male.</i>											
8 establishments.....	1907	75	57.4	.260	(1)	.....	.....	.....	24	67	9
	1908	72	57.1	.272	(1)	.....	.....	.....	28	68	4
	1909	89	57.2	.268	(1)	.....	.....	.....	24	76	.....
	1910	90	56.9	.276	(1)	.....	.....	.....	31	69	.....
22 establishments.....	1910	138	56.5	.289	16.28	.....	.....	.....	50	50	.....
	1911	144	56.5	.293	16.56	.....	.....	.....	48	52	.....
19 establishments.....	1911	128	56.8	.290	16.40	.....	.....	5	35	60	.....
	1912	125	56.6	.298	16.81	.....	.....	10	35	55	.....
29 establishments.....	1912	230	56.1	.307	17.20	1	.....	5	52	41	.....
	1913	243	55.9	.318	17.71	7	.....	2	51	40	.....
41 establishments.....	1913	329	55.8	.321	17.89	5	.....	6	51	37	.....
	1914	349	54.3	.333	18.09	6	.....	42	51	1	1
47 establishments.....	1914	398	54.3	.330	17.92	5	.....	48	45	1	1

* Not computed.

* Less than 1 per cent.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Pickers, cloth, female.</i>											
7 establishments.....	1907	177	57.8	\$0.131	(1)	.....	.....	.....	15	66	19
	1908	163	57.4	.129	(1)	.....	.....	.....	19	74	7
	1909	225	57.5	.133	(1)	.....	.....	.....	16	77	7
	1910	253	57.2	.131	(1)	.....	.....	.....	16	79	4
19 establishments.....	1910	394	56.7	.124	\$7.09	.....	.....	.....	40	58	3
	1911	418	56.8	.134	7.66	.....	.....	.....	39	58	3
17 establishments.....	1911	503	56.8	.150	8.55	.....	.....	.....	48	50	2
	1912	493	55.9	.147	8.19	.....	.....	.....	61	39	.....
25 establishments.....	1912	570	55.9	.134	7.50	.....	.....	3	64	33	.....
	1913	523	55.9	.157	8.76	1	.....	4	62	33	.....
36 establishments.....	1913	659	56.0	.151	8.45	(2)	.....	10	54	36	.....
	1914	734	54.4	.150	8.14	1	.....	52	47	.....	.....
40 establishments.....	1914	898	54.3	.163	8.86	2	.....	59	39	.....	.....
<i>Quillers, female.</i>											
7 establishments.....	1907	107	58.0	.097	(1)	.....	.....	.....	18	51	31
	1908	122	57.9	.096	(1)	.....	.....	.....	18	55	27
	1909	130	57.7	.091	(1)	.....	.....	.....	19	59	22
	1910	146	57.5	.105	(1)	.....	.....	.....	23	64	13
23 establishments.....	1910	340	56.2	.107	6.04	.....	.....	5	56	34	6
	1911	382	56.2	.108	6.03	.....	.....	5	59	32	4
23 establishments.....	1911	538	56.2	.111	6.24	.....	.....	3	66	28	3
	1912	528	55.4	.111	6.16	.....	.....	41	33	26	.....
31 establishments.....	1912	520	55.7	.112	6.22	.....	.....	8	65	27	.....
	1913	557	55.3	.117	6.47	7	.....	5	64	24	.....
41 establishments.....	1913	725	55.3	.115	6.38	7	.....	9	59	26	.....
	1914	815	54.1	.118	6.38	7	.....	44	49	.....	.....
46 establishments.....	1914	980	54.1	.121	6.53	6	.....	52	41	.....	.....
<i>Reelers, male.</i>											
10 establishments.....	1910	104	58.0	.091	5.27	.....	.....	.....	16	69	14
	1911	97	57.9	.100	5.78	.....	.....	.....	22	65	13
12 establishments.....	1911	133	57.1	.101	5.80	.....	.....	.....	43	54	3
	1912	118	56.9	.104	5.92	.....	.....	7	36	57	.....
11 establishments.....	1912	111	56.9	.109	6.20	.....	.....	5	38	57	.....
	1913	77	56.3	.132	7.43	.....	.....	5	53	42	.....
10 establishments.....	1913	77	56.3	.132	7.41	.....	.....	5	53	42	.....
	1914	114	54.4	.133	7.23	.....	.....	69	28	3	.....
14 establishments.....	1914	123	54.4	.132	7.22	.....	.....	68	29	2	.....
<i>Reelers, female.</i>											
2 establishments.....	1907	41	56.8	.086	(1)	.....	.....	.....	63	.....	37
	1908	36	56.3	.089	(1)	.....	.....	.....	75	.....	25
	1909	29	56.0	.099	(1)	.....	.....	.....	66	34	.....
	1910	25	56.2	.106	(1)	.....	.....	.....	60	40	.....
7 establishments.....	1910	82	57.2	.094	5.34	.....	.....	.....	54	16	30
	1911	108	57.6	.094	5.43	.....	.....	.....	44	18	39

¹ Not computed.

² Less than 1 per cent.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Reelers, female—Concld.</i>											
10 establishments.....	1911	256	56.4	\$0.098	\$5.53	.....	.....	.....	62	29	9
	1912	271	56.2	.096	5.39	.....	.....	8	55	26	11
11 establishments.....	1912	199	56.6	.091	5.17	.....	.....	.....	55	30	15
	1913	194	56.7	.101	5.73	.....	.....	3	47	41	10
8 establishments.....	1913	180	56.6	.101	5.70	.....	.....	3	51	36	11
	1914	161	54.3	.105	5.72	.....	.....	70	30	.....	.....
10 establishments.....	1914	196	54.3	.119	6.44	.....	.....	73	27	.....	.....
<i>Spinners, male.</i>											
4 establishments.....	1907	153	56.8	.098	(1)	.....	.....	.....	65	.....	35
	1908	162	56.8	.093	(1)	.....	.....	.....	62	5	33
	1909	174	56.3	.092	(1)	.....	.....	.....	55	45	.....
	1910	134	56.0	.095	(1)	.....	.....	.....	65	35	.....
16 establishments.....	1910	327	57.5	.094	5.40	.....	.....	.....	37	45	19
	1911	396	57.5	.095	5.47	.....	.....	.....	35	44	20
14 establishments.....	1911	338	57.6	.101	5.20	.....	.....	.....	29	59	11
	1912	327	57.3	.102	5.82	.....	.....	10	25	51	14
14 establishments.....	1912	277	57.2	.101	5.75	.....	.....	8	31	44	17
	1913	262	56.6	.117	6.61	.....	.....	8	48	30	14
14 establishments.....	1913	262	56.6	.117	6.58	.....	.....	8	48	30	14
	1914	279	54.3	.115	6.27	.....	.....	80	17	4	.....
16 establishments.....	1914	300	54.7	.119	6.52	.....	.....	75	16	3	6
<i>Spinners, female.</i>											
2 establishments.....	1907	45	58.7	.083	(1)	.....	.....	.....	27	.....	73
	1908	33	58.5	.090	(1)	.....	.....	.....	30	.....	70
	1909	30	57.2	.084	(1)	.....	.....	.....	27	73	.....
	1910	33	57.1	.085	(1)	.....	.....	.....	30	70	.....
9 establishments.....	1910	86	56.9	.091	5.15	.....	.....	.....	45	48	7
	1911	85	56.8	.093	5.26	.....	.....	.....	45	53	2
12 establishments.....	1911	369	56.5	.123	6.90	.....	.....	.....	63	36	1
	1912	395	56.0	.124	6.92	.....	.....	25	39	34	3
11 establishments.....	1912	282	56.6	.104	5.92	.....	.....	.....	55	41	4
	1913	340	56.3	.110	6.20	.....	.....	5	52	39	4
11 establishments.....	1913	340	56.3	.110	6.19	.....	.....	5	52	39	4
	1914	285	54.2	.112	6.07	.....	.....	75	25	.....	.....
12 establishments.....	1914	437	54.2	.138	7.50	.....	.....	84	16	.....	.....
<i>Twistcre-in, male.</i>											
7 establishments.....	1907	50	57.8	.246	(1)	.....	.....	.....	14	68	18
	1908	51	57.6	.230	(1)	.....	.....	.....	14	73	14
	1909	54	57.5	.254	(1)	.....	.....	.....	13	83	4
	1910	49	57.4	.243	(1)	.....	.....	.....	14	82	4
17 establishments.....	1910	85	56.7	.256	14.49	.....	.....	1	41	55	2
	1911	92	56.7	.272	15.40	.....	.....	2	38	59	1
21 establishments.....	1911	166	56.4	.259	14.60	.....	.....	1	62	36	1
	1912	184	55.7	.262	14.60	.....	.....	33	33	34	.....

¹ Not computed.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Twisters-in, male—Concld.</i>											
28 establishments.....	1912	192	55.8	\$0.274	\$15.23	.....	.....	6	64	30	.....
	1913	206	55.7	.288	15.98	.....	6	5	57	31	.....
36 establishments.....	1913	275	55.9	.287	16.01	(*)	.....	10	56	34	.....
	1914	294	54.6	.298	16.30	(*)	.....	41	57	1	.....
43 establishments.....	1914	357	54.5	.295	16.08	(*)	.....	49	50	1	.....
<i>Twisters-in, female.</i>											
5 establishments.....	1907	36	56.5	.135	(1)	.....	.....	.....	61	19	19
	1908	58	55.9	.116	(1)	.....	.....	.....	78	10	12
	1909	68	56.0	.134	(1)	.....	.....	.....	71	19	10
	1910	85	55.7	.130	(1)	.....	.....	.....	78	16	6
9 establishments.....	1910	92	55.7	.137	7.63	.....	.....	2	77	15	5
	1911	99	55.6	.139	7.74	.....	.....	1	81	13	5
6 establishments.....	1911	46	58.0	.157	9.07	.....	.....	2	4	83	11
	1912	46	57.7	.167	9.64	.....	.....	7	.....	93	.....
11 establishments.....	1912	76	56.6	.192	10.82	.....	.....	1	42	57	.....
	1913	51	56.3	.197	11.06	.....	4	.....	47	49	.....
12 establishments.....	1913	67	55.0	.205	11.24	19	.....	4	39	37	.....
	1914	82	53.1	.187	9.94	27	.....	52	21	.....	.....
17 establishments.....	1914	91	53.2	.183	9.78	24	.....	55	21	.....	.....
<i>Warpers, male.</i>											
3 establishments.....	1907	27	57.0	.306	(1)	.....	.....	.....	19	81	.....
	1908	25	56.8	.306	(1)	.....	.....	.....	28	72	.....
	1909	32	57.2	.298	(1)	.....	.....	.....	16	84	.....
	1910	34	57.3	.315	(1)	.....	.....	.....	12	88	.....
7 establishments.....	1910	51	56.6	.317	17.88	.....	.....	.....	41	59	.....
	1911	50	56.6	.314	17.69	.....	.....	.....	40	60	.....
5 establishments.....	1911	42	56.8	.311	17.57	.....	.....	.....	40	60	.....
	1912	37	56.9	.301	17.07	.....	.....	.....	38	62	.....
13 establishments.....	1912	79	55.9	.318	17.72	.....	.....	.....	71	29	.....
	1913	84	55.6	.339	18.83	.....	4	.....	75	21	.....
14 establishments.....	1913	152	55.3	.388	21.46	.....	.....	9	79	12	.....
	1914	151	54.8	.368	20.17	.....	.....	21	79	.....	.....
22 establishments.....	1914	175	54.7	.359	19.65	.....	.....	25	75	.....	.....
<i>Warpers, female.</i>											
6 establishments.....	1907	169	57.8	.162	(1)	.....	.....	.....	27	41	31
	1908	176	57.0	.158	(1)	.....	.....	.....	37	53	10
	1909	233	57.1	.154	(1)	.....	.....	.....	34	55	12
	1910	155	56.7	.153	(1)	.....	.....	.....	44	50	6
17 establishments.....	1910	290	56.3	.179	10.08	.....	.....	.....	64	33	3
	1911	346	56.3	.173	9.72	.....	.....	.....	62	34	4
19 establishments.....	1911	508	56.7	.186	10.50	.....	.....	.....	54	48	8
	1912	539	56.0	.200	11.15	.....	.....	27	32	42	.....
26 establishments.....	1912	666	55.9	.190	10.60	.....	.....	4	62	34	.....
	1913	659	55.8	.205	11.39	4	.....	5	58	23	.....

1 Not computed.

2 Less than 1 per cent.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Continued.

PER CENT—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Warpers, female—Concld.</i>											
33 establishments.....	1913	849	55.7	\$0.205	\$11.38	6	.....	6	52	36	.....
	1914	934	54.2	.199	10.79	6	.....	51	43	.....	.....
39 establishments.....	1914	1,084	54.1	.203	10.99	7	.....	56	38	.....	.....
<i>Weavers, broad silk, male.</i>											
5 establishments.....	1907	369	57.7	.206	(1)	.....	.....	.....	6	94	(2)
	1908	438	57.4	.185	(1)	.....	.....	.....	14	86	(2)
	1909	585	57.5	.200	(1)	.....	.....	.....	13	86	2
	1910	587	57.5	.199	(1)	.....	.....	.....	12	87	1
14 establishments.....	1910	1,008	56.9	.213	12.17	.....	.....	.....	39	61	(2)
	1911	1,037	57.0	.213	12.10	.....	.....	.....	37	63	(2)
13 establishments.....	1911	1,462	56.9	.214	12.15	.....	.....	.....	44	56	(2)
	1912	1,441	56.3	.221	12.45	.....	.....	26	23	51	.....
20 establishments.....	1912	1,403	56.4	.224	12.59	.....	.....	7	41	52	.....
	1913	1,571	56.1	.239	13.40	2	8	6	33	50	.....
28 establishments.....	1913	2,107	56.0	.253	14.15	2	.....	11	47	41	.....
	1914	2,140	54.6	.245	13.05	1	.....	36	63	.....	.....
33 establishments.....	1914	2,419	54.5	.247	13.31	1	.....	42	58	.....	.....
<i>Weavers, broad silk, female.</i>											
6 establishments.....	1907	719	57.1	.143	(1)	.....	.....	.....	38	47	15
	1908	801	56.9	.127	(1)	.....	.....	.....	42	47	11
	1909	870	56.7	.128	(1)	.....	.....	.....	51	38	11
	1910	964	56.6	.130	(1)	.....	.....	.....	52	38	10
14 establishments.....	1910	1,190	56.7	.141	8.02	.....	.....	.....	48	44	8
	1911	1,145	56.6	.133	7.58	.....	.....	.....	50	43	6
11 establishments.....	1911	1,378	57.2	.181	10.32	.....	.....	.....	44	50	5
	1912	1,450	55.9	.190	10.58	.....	.....	47	9	43	.....
19 establishments.....	1912	1,626	56.1	.173	9.69	.....	.....	1	60	39	.....
	1913	1,647	56.0	.192	10.72	(2)	2	2	60	37	.....
28 establishments.....	1913	2,217	56.1	.198	11.06	(2)	.....	6	57	37	.....
	1914	2,051	54.3	.180	9.77	(2)	.....	70	30	.....	.....
33 establishments.....	1914	2,885	54.2	.189	10.58	(2)	.....	78	22	.....	.....
<i>Weavers, ribbon, male.</i>											
2 establishments.....	1907	52	57.2	.225	(1)	.....	.....	.....	25	75	.....
	1908	34	57.1	.231	(1)	.....	.....	.....	29	71	.....
	1909	45	57.1	.203	(1)	.....	.....	.....	29	71	.....
	1910	61	57.6	.214	(1)	.....	.....	.....	10	90	.....
8 establishments.....	1910	353	55.3	.237	13.11	.....	.....	12	72	16	.....
	1911	426	55.2	.246	13.56	.....	.....	15	73	13	.....
3 establishments.....	1911	369	54.8	.248	13.57	.....	.....	17	83	.....	.....
	1912	386	54.8	.261	14.33	.....	.....	17	83	.....	.....
12 establishments.....	1912	720	54.9	.277	15.21	.....	.....	9	91	(2)	.....
	1913	718	54.6	.293	15.97	10	.....	.....	90	.....	.....

¹ Not computed.² Less than 1 per cent.

TABLE I.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN THE UNITED STATES, BY YEARS, 1907 TO 1914—Concluded.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
<i>Weavers, ribbon, male—Concluded.</i>											
16 establishments.....	1913	997	54.9	\$0.289	\$15.78	15	.....	.....	65	20	.....
	1914	1,106	53.9	.303	16.10	22	.....	15	56	7	(¹)
17 establishments.....	1914	1,116	53.9	.302	16.05	22	.....	15	57	7	(¹)
<i>Weavers, ribbon, female.</i>											
4 establishments.....	1907	317	57.2	.198	(²)	.....	.....	.....	38	41	21
	1908	227	57.0	.202	(²)	.....	.....	.....	48	29	24
	1909	280	56.9	.198	(²)	.....	.....	.....	44	46	10
	1910	230	56.6	.209	(²)	.....	.....	.....	51	39	10
10 establishments.....	1910	591	55.6	.226	12.53	.....	.....	2	79	15	4
	1911	633	55.5	.229	12.70	.....	.....	3	80	15	2
9 establishments.....	1911	635	55.3	.227	12.51	.....	.....	3	88	8	3
	1912	580	55.2	.231	12.73	.....	.....	3	88	9	.....
11 establishments.....	1912	638	55.1	.231	12.71	.....	.....	3	94	3	.....
	1913	704	54.9	.246	13.46	4	.....	.....	92	4	.....
15 establishments.....	1913	777	55.2	.244	13.46	3	.....	.....	84	13	.....
	1914	904	54.6	.242	13.14	4	.....	21	75	.....	.....
<i>Winders, hard silk, female.</i>											
4 establishments.....	1907	149	57.6	.099	(²)	.....	.....	.....	49	.....	51
	1908	165	57.1	.087	(²)	.....	.....	.....	53	11	36
	1909	181	56.5	.089	(²)	.....	.....	.....	50	50	.....
	1910	140	56.4	.093	(²)	.....	.....	.....	51	49	.....
17 establishments.....	1910	559	57.3	.093	5.30	.....	.....	.....	40	48	13
	1911	592	57.3	.096	5.46	.....	.....	.....	41	45	14
18 establishments.....	1911	889	56.8	.104	5.88	.....	.....	.....	54	41	5
	1912	834	56.2	.106	5.96	.....	.....	22	37	37	5
19 establishments.....	1912	787	56.8	.104	5.88	.....	.....	5	41	49	5
	1913	836	56.3	.112	6.30	2	.....	5	48	39	6
19 establishments.....	1913	836	56.3	.112	6.29	2	.....	5	48	39	6
	1914	842	54.1	.118	6.42	4	.....	70	27	.....	.....
21 establishments.....	1914	1,008	54.1	.121	6.54	3	.....	73	24	.....	.....
<i>Winders, soft silk, female.</i>											
8 establishments.....	1907	431	58.0	.103	(²)	.....	.....	.....	20	48	32
	1908	315	57.6	.099	(²)	.....	.....	.....	18	67	15
	1909	394	57.6	.104	(²)	.....	.....	.....	17	70	13
	1910	400	57.2	.108	(²)	.....	.....	.....	26	68	6
24 establishments.....	1910	675	56.6	.119	6.74	.....	.....	2	43	51	4
	1911	730	56.5	.122	6.88	.....	.....	2	50	45	3
22 establishments.....	1911	900	56.7	.126	7.14	.....	.....	.....	50	47	2
	1912	891	56.0	.130	7.25	.....	.....	26	32	41	.....
28 establishments.....	1912	836	55.8	.136	7.57	.....	.....	5	65	30	.....
	1913	874	55.7	.139	7.74	(²)	3	6	63	28	.....
39 establishments.....	1913	1,136	55.7	.141	7.83	3	.....	9	58	31	.....
	1914	1,137	54.3	.150	8.15	3	.....	47	50	.....	.....
45 establishments.....	1914	1,361	54.3	.150	8.14	3	.....	55	42	.....	.....

¹ Less than 1 per cent.

² Not computed.

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914.

[The figures for both years are for identical establishments.]

DOUBLERS, SILK THROWING: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
New Jersey: 4 establishments.....	1913	43	55.0	\$0.121	\$6.68	.....	.....	.....	43	.....	.....
	1914	58	55.0	.130	7.17	.....	.....	.....	58	.....	.....
Pennsylvania: 6 establishments.....	1913	204	55.4	.099	5.48	.....	.....	.....	179	25	.....
	1914	214	54.0	.099	5.36	.....	.....	214	.....	.....	.....
Total: 10 establishments.....	1913	247	55.3	.103	5.69	.....	.....	.....	222	25	.....
	1914	272	54.2	.106	5.75	.....	.....	214	58	.....	.....

LABORERS, DYEHOUSE: Male.

Connecticut: 2 establishments.....	1913	187	56.1	\$0.205	\$11.50	.....	55	.....	.....	132	.....
	1914	208	54.4	.205	11.13	.....	41	.....	167	.....	.....
New Jersey: 3 establishments.....	1913	1,359	55.0	.216	11.90	.....	.....	.....	1,359	.....	.....
	1914	1,648	55.5	.223	12.39	.....	.....	.....	1,485	.....	163
Pennsylvania: 6 establishments.....	1913	1,042	56.3	.205	11.52	.....	.....	.....	778	.....	264
	1914	1,342	57.2	.210	11.95	.....	.....	30	741	.....	1,571
Other States: 1 establishment.....	1913	24	54.0	.167	9.00	.....	.....	24	.....	.....	.....
	1914	26	54.0	.202	10.91	.....	.....	26	.....	.....	.....
Total: 12 establishments.....	1913	2,612	55.6	.210	11.69	.....	55	24	2,137	132	264
	1914	3,224	56.1	.216	12.11	.....	41	56	2,393	.....	1,734

LOOM FIXERS: Male.

Connecticut: 4 establishments.....	1913	61	57.9	\$0.270	\$15.65	.....	.....	.....	.....	61	.....
	1914	61	55.0	.298	16.40	.....	.....	.....	61	.....	.....
New Jersey: 19 establishments.....	1913	106	55.0	.357	19.66	1	.....	.....	105	.....	.....
	1914	112	54.9	.361	19.83	2	.....	.....	110	.....	.....
New York: 5 establishments.....	1913	35	52.2	.351	18.34	.....	16	.....	16	3	.....
	1914	37	51.9	.371	19.29	.....	19	.....	16	.....	.....
Pennsylvania: 12 establishments.....	1913	122	56.6	.309	17.46	.....	.....	.....	60	62	.....
	1914	132	54.2	.316	17.14	.....	.....	123	5	2	.....
Other States: 1 establishment.....	1913	5	54.0	.278	15.00	.....	.....	5	.....	.....	.....
	1914	7	54.0	.306	16.55	.....	.....	7	.....	.....	.....
Total: 41 establishments.....	1913	329	55.8	.321	17.89	17	.....	21	168	123	.....
	1914	349	54.3	.333	18.09	21	.....	146	178	2	2

¹ Including 29 employees whose full-time hours per week were over 60.

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

PICKERS, CLOTH: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut: 4 establishments.....	1913	119	57.9	\$0.159	\$9.22	.....	.....	.....	.....	119	.....
	1914	112	55.0	.171	9.40	.....	.....	.....	112	.....	.....
New Jersey: 17 establishments.....	1913	209	54.9	.136	7.47	.....	.....	.....	206	.....	.....
	1914	237	54.7	.144	7.91	17	.....	.....	230	.....	.....
New York: 3 establishments.....	1913	42	54.0	.123	6.63	.....	.....	42	.....	.....	.....
	1914	40	54.0	.111	6.00	.....	.....	40	.....	.....	.....
Pennsylvania: 11 establishments.....	1913	268	56.4	.161	9.09	.....	.....	.....	151	117	.....
	1914	327	54.0	.146	7.88	.....	.....	327	.....	.....	.....
Other States: 1 establishment.....	1913	21	54.0	.169	9.15	.....	.....	21	.....	.....	.....
	1914	18	54.0	.238	12.83	.....	.....	18	.....	.....	.....
Total: 36 establishments.....	1913	659	56.0	.151	8.45	3	.....	63	357	236	.....
	1914	734	54.4	.150	8.14	17	.....	385	342	.....	.....

QUILLERS: Female.

Connecticut: 4 establishments.....	1913	73	57.9	\$0.131	\$7.58	.....	.....	.....	.....	73	.....
	1914	80	55.0	.130	7.14	.....	.....	.....	80	.....	.....
New Jersey: 20 establishments.....	1913	298	55.0	.122	6.72	2	.....	.....	296	.....	.....
	1914	323	54.9	.126	6.92	5	.....	.....	318	.....	.....
New York: 4 establishments.....	1913	85	51.3	.111	5.67	48	.....	37	.....	.....	.....
	1914	82	50.8	.122	6.20	155	.....	27	.....	.....	.....
Pennsylvania: 12 establishments.....	1913	253	56.4	.106	5.98	.....	.....	.....	137	116	.....
	1914	313	54.0	.104	5.64	.....	.....	313	.....	.....	.....
Other States: 1 establishment.....	1913	26	54.0	.097	5.25	.....	.....	26	.....	.....	.....
	1914	17	54.0	.129	6.97	.....	.....	17	.....	.....	.....
Total: 41 establishments.....	1913	735	55.3	.115	6.38	50	.....	63	433	189	.....
	1914	815	54.1	.118	6.38	60	.....	357	398	.....	.....

REELERS: Male.

Pennsylvania: 5 establishments.....	1913	50	57.0	\$0.121	\$6.90	.....	.....	.....	18	32	.....
	1914	77	54.2	.114	6.17	.....	.....	74	.....	3	.....
Other States: 5 establishments.....	1913	27	54.9	.152	8.35	.....	.....	4	23	.....	.....
	1914	37	54.9	.172	9.44	.....	.....	5	32	.....	.....
Total: 10 establishments.....	1913	77	56.3	.132	7.41	.....	.....	4	41	32	.....
	1914	114	54.4	.133	7.23	.....	.....	79	32	3	.....

¹ Including 6 employees whose full-time hours per week were under 48.

² Including 1 employee whose full-time hours per week were under 48.

³ Including 5 employees whose full-time hours per week were under 48.

⁴ Including 7 employees whose full-time hours per week were under 48.

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

REELERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut: 3 establishments.....	1913	65	57.9	\$0.120	\$6.94					65	
	1914	49	55.0	.129	7.12				49		
Pennsylvania: 4 establishments.....	1913	110	55.9	.088	4.93				91		19
	1914	106	54.0	.094	5.08			106			
Other States: 1 establishment.....	1913	5	54.0	.121	6.51			5			
	1914	6	54.0	.106	5.72			6			
Total: 8 establishments.....	1913	180	56.6	.101	5.70			5	91	65	19
	1914	161	54.3	.105	5.72			112	49		

SPINNERS: Male.

New Jersey: 4 establishments.....	1913	42	55.0	\$0.157	\$8.63				42		
	1914	35	55.0	.158	8.69				35		
Pennsylvania: 8 establishments.....	1913	189	57.1	.106	6.03				84	68	37
	1914	208	54.2	.103	5.62			198		10	
Other States: 2 establishments.....	1913	31	55.4	.129	7.15			20		11	
	1914	36	54.3	.141	7.66			24	12		
Total: 14 establishments.....	1913	262	56.6	.117	6.58			20	126	79	37
	1914	279	54.3	.115	6.27			222	47	10	

SPINNERS: Female.

Connecticut: 3 establishments.....	1913	92	57.9	\$0.126	\$7.27					92	
	1914	62	55.0	.141	7.73				62		
Pennsylvania: 6 establishments.....	1913	222	55.9	.096	5.49				163	42	12
	1914	196	54.0	.097	5.22			196			
Other States: 2 establishments.....	1913	26	54.3	.153	8.29			18	8		
	1914	27	54.3	.155	8.44			19	8		
Total: 11 establishments.....	1913	340	56.3	.110	6.19			18	176	134	12
	1914	285	54.2	.112	6.07			215	70		

TWISTERS-IN: Male.

Connecticut: 4 establishments.....	1913	39	57.9	\$0.274	\$15.86					39	
	1914	39	55.0	.282	15.63				39		
New Jersey: 18 establishments.....	1913	124	55.0	.313	17.21	1			123		
	1914	126	55.0	.331	18.22	1			125		
Pennsylvania: 11 establishments.....	1913	84	57.0	.260	14.83				30	54	
	1914	99	54.2	.269	14.58			91	5	3	
Other States: 3 establishments.....	1913	28	54.0	.268	14.45			28			
	1914	30	54.0	.276	14.93			30			
Total: 36 establishments.....	1913	275	55.9	.287	16.01	1		28	153	93	
	1914	294	54.6	.298	16.30	1		121	169	3	

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

TWISTERS-IN: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Pennsylvania: 4 establishments.....	1913	39	56.6	\$0.179	\$10.11	.....	.....	.....	17	22	.....
	1914	39	54.0	.173	9.34	.....	.....	39	.....	.....	.....
Other States: 8 establishments.....	1913	28	52.7	.242	12.81	13	.....	3	9	3	.....
	1914	43	52.2	.199	10.50	22	.....	4	17	.....	.....
Total: 12 establishments.....	1913	67	55.0	.205	11.24	13	.....	3	26	25	.....
	1914	82	53.1	.187	9.94	22	.....	43	17	.....	.....

WARPERS: Male.

All States: 14 establishments.....	1913	152	55.3	\$0.388	\$21.46	.....	.....	14	120	18	.....
	1914	151	54.8	.368	20.17	.....	.....	31	120	.....	.....

WARPERS: Female.

Connecticut: 4 establishments.....	1913	94	58.0	\$0.199	\$11.57	.....	.....	.....	.....	94	.....
	1914	105	55.0	.204	11.21	.....	.....	.....	105	.....	.....
New Jersey: 14 establishments.....	1913	231	55.0	.249	13.69	2	.....	.....	229	.....	.....
	1914	299	55.0	.226	12.43	2	.....	.....	297	.....	.....
New York: 3 establishments.....	1913	70	50.9	.239	12.15	48	.....	22	.....	.....	.....
	1914	80	51.0	.251	12.68	53	.....	27	.....	.....	.....
Pennsylvania: 11 establishments.....	1913	422	56.5	.181	10.22	.....	.....	.....	211	211	.....
	1914	422	54.0	.173	9.32	.....	.....	422	.....	.....	.....
Other States: 1 establishment.....	1913	32	54.0	.145	7.86	.....	.....	32	.....	.....	.....
	1914	28	54.0	.162	8.74	.....	.....	28	.....	.....	.....
Total: 33 establishments.....	1913	849	55.7	.205	11.38	50	.....	54	440	305	.....
	1914	934	54.2	.199	10.79	55	.....	477	402	.....	.....

WEAVERS, SILK GOODS: Male.

Connecticut: 4 establishments.....	1913	511	57.9	\$0.232	\$13.45	.....	.....	.....	.....	511	.....
	1914	578	55.0	.254	13.97	.....	.....	.....	578	.....	.....
New Jersey: 11 establishments.....	1913	876	54.8	.285	15.62	33	.....	.....	843	.....	.....
	1914	739	54.8	.270	14.80	23	.....	.....	716	.....	.....
New York: 3 establishments.....	1913	154	54.1	.248	13.38	.....	.....	135	19	.....	.....
	1914	156	54.2	.229	12.41	.....	.....	126	30	.....	.....
Pennsylvania: 9 establishments.....	1913	469	57.3	.214	12.28	.....	.....	.....	125	344	.....
	1914	570	54.1	.186	10.06	.....	.....	545	25	.....	.....
Other States: 1 establishment.....	1913	97	54.0	.276	14.92	.....	.....	97	.....	.....	.....
	1914	97	54.0	.240	12.96	.....	.....	97	.....	.....	.....
Total: 28 establishments.....	1913	2,107	56.0	.253	14.15	33	.....	232	987	855	.....
	1914	2,140	54.6	.245	13.05	23	.....	768	1,349	.....	.....

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

WEAVERS, BROAD GOODS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut: 4 establishments.....	1913	300	57.9	\$0.182	\$10.52					300	
	1914	274	55.0	.192	10.56				274		
New Jersey: 11 establishments.....	1913	413	55.0	.258	14.17	2			411		
	1914	335	55.0	.236	12.98	2			333		
New York: 3 establishments.....	1913	108	54.0	.215	11.59			108			
	1914	107	54.0	.184	9.94			107			
Pennsylvania: 9 establishments.....	1913	1,864	56.2	.181	10.16				851	513	
	1914	1,296	54.0	.163	8.26			1,296			
Other States: 1 establishment.....	1913	32	54.0	.238	12.84			32			
	1914	39	54.0	.227	12.26			39			
Total: 28 establishments.....	1913	2,217	56.1	.198	11.06	2		140	1,262	813	
	1914	2,051	54.3	.180	9.77	2		1,442	607		

WEAVERS, RIBBON: Male.

New Jersey: 8 establishments.....	1913	543	55.0	\$0.296	\$16.30				543		
	1914	623	55.0	.302	16.45				623		
New York: 2 establishments.....	1913	145	49.9	.344	17.18	145					
	1914	240	49.8	.341	16.66	240					
Pennsylvania: 6 establishments.....	1913	309	57.0	.249	14.20				106	203	
	1914	243	55.2	.264	14.56			169		73	1
Total: 16 establishments.....	1913	997	54.9	.289	15.78	145			649	203	
	1914	1,106	53.9	.303	16.10	240		169	623	73	1

WEAVERS, RIBBON: Female.

New Jersey: 7 establishments.....	1913	565	55.0	\$0.254	\$13.97				565		
	1914	676	55.0	.250	13.74				676		
Pennsylvania: 7 establishments.....	1913	186	56.6	.211	11.92				84	102	
	1914	189	54.0	.208	11.28			189			
Other States: 1 establishment.....	1913	26	50.3	.267	13.42	26					
	1914	39	50.3	.229	11.52	39					
Total: 15 establishments.....	1913	777	55.2	.244	13.46	26			649	102	
	1914	904	54.6	.242	13.14	39		189	676		

TABLE II.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

WINDERS, HARD SILK: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 45 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut: 3 establishments.....	1913	108	57.9	\$0.133	\$7.72	.....	.....	.....	.....	108	.....
	1914	130	55.0	.142	7.79	.....	.....	.....	130	.....	.....
New Jersey: 4 establishments.....	1913	105	55.0	.127	6.98	.....	.....	.....	105	.....	.....
	1914	95	55.0	.130	7.15	.....	.....	.....	95	.....	.....
New York: 2 establishments.....	1913	39	52.1	.104	5.43	20	.....	19	.....	.....	.....
	1914	59	52.1	.106	5.53	30	.....	29	.....	.....	.....
Pennsylvania: 9 establishments.....	1913	560	56.6	.103	5.83	.....	.....	.....	294	220	46
	1914	528	54.0	.110	5.95	.....	.....	528	.....	.....	.....
Other States: 1 establishment.....	1913	24	54.0	.165	8.92	.....	.....	24	.....	.....	.....
	1914	30	54.0	.153	8.26	.....	.....	30	.....	.....	.....
Total: 19 establishments.....	1913	836	56.3	.112	6.29	20	.....	43	399	328	46
	1914	842	54.1	.118	6.42	30	.....	587	225	.....	.....

WINDERS, SOFT SILK: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
						Over 45 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut: 4 establishments.....	1913	187	57.9	\$0.129	\$7.45	.....	.....	.....	.....	187	.....
	1914	181	55.0	.146	8.00	.....	.....	.....	181	.....	.....
New Jersey: 20 establishments.....	1913	387	54.9	.164	9.03	4	.....	.....	383	.....	.....
	1914	388	55.0	.169	9.28	3	.....	.....	385	.....	.....
New York: 4 establishments.....	1913	76	52.3	.146	7.65	28	.....	48	.....	.....	.....
	1914	84	52.1	.159	8.25	36	.....	48	.....	.....	.....
Pennsylvania: 10 establishments.....	1913	437	56.2	.122	6.86	.....	.....	.....	275	162	.....
	1914	451	54.0	.131	7.09	.....	.....	451	.....	.....	.....
Other States: 1 establishment.....	1913	49	54.0	.165	8.88	.....	.....	49	.....	.....	.....
	1914	33	54.0	.183	9.90	.....	.....	33	.....	.....	.....
Total: 39 establishments.....	1913	1,136	55.7	.141	7.83	32	.....	97	658	349	.....
	1914	1,137	54.3	.150	8.15	39	.....	532	566	.....	.....

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

[This table includes all data secured for 1914 whether or not comparable data for 1913 were available.]

DOUBLERS, SILK THROWING: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
New Jersey.....	Time....	5	73	55.0	\$0.122	\$6.74	.....	.....	.....	73	.....	.....
Pennsylvania....	Piece....	2	20	54.0	.120	6.47	.....	.....	20	.....	.....	.....
	Time....	6	194	54.0	.097	5.25	.....	.....	194	.....	.....	.....
	Total.	6	214	54.0	.099	5.36	.....	.....	214	.....	.....	.....
Other States.....	Piece....	2	9	54.0	.139	7.49	.....	.....	9	.....	.....	.....
	Time....	1	8	54.0	.133	7.20	.....	.....	8	.....	.....	.....
	Total.	2	17	54.0	.136	7.35	.....	.....	17	.....	.....	.....
All States.....	Piece....	4	29	54.0	.126	6.79	.....	.....	29	.....	.....	.....
	Time....	12	275	54.3	.105	5.70	.....	.....	202	73	.....	.....
	Total.	13	304	54.2	.107	5.80	.....	.....	231	73	.....	.....

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	2	208	54.4	\$0.205	\$11.13	.....	41	.....	167	.....	.....
New Jersey.....	do....	4	1,670	55.5	.223	12.40	.....	.....	.....	1,507	.....	163
Pennsylvania....	Piece....	1	33	60.0	.219	13.11	.....	.....	.....	.....	.....	33
	Time....	6	1,309	57.1	.209	11.92	.....	.....	30	741	.....	1,538
	Total.	6	1,342	57.2	.210	11.95	.....	.....	30	741	.....	1,571
Other States.....	Time....	2	37	52.8	.213	11.23	11	.....	26	.....	.....	.....
All States.....	Piece....	1	33	60.0	.219	13.11	.....	.....	.....	.....	.....	33
	Time....	14	3,224	56.0	.216	12.11	11	41	56	2,415	.....	1,701
	Total.	14	3,257	56.1	.216	12.12	11	41	56	2,415	.....	1,734

LOOM FIXERS: Male.

Connecticut.....	Time....	4	61	55.0	\$0.298	\$16.40	.....	.....	.....	61	.....	.....
New Jersey.....	do....	21	115	54.9	.361	19.79	.....	.....	.....	113	.....	.....
New York.....	do....	7	41	52.1	.364	19.02	19	.....	.....	.....	.....	.....
Pennsylvania....	do....	13	143	54.2	.315	17.06	.....	.....	134	5	2	2
Other States.....	do....	2	38	54.0	.309	16.70	.....	.....	38	.....	.....	.....
Total.		47	398	54.3	.330	17.92	21	.....	192	181	2	2

¹ Including 29 employees whose full-time hours per week were over 60.

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

PICKERS, CLOTH: Female.

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut.....	Piece.....	4	108	55.0	\$0.172	\$9.47	.....	.....	.....	108	.....	.....
	Time.....	2	4	55.0	.184	7.37	.....	.....	.....	4	.....	.....
	Total.	4	112	55.0	.171	9.40	.....	.....	.....	112	.....	.....
New Jersey.....	Piece.....	5	97	55.0	.186	10.23	.....	.....	.....	97	.....	.....
	Time.....	13	149	54.6	.117	6.36	17	.....	.....	142	.....	.....
	Total.	18	246	54.7	.144	7.89	17	.....	.....	239	.....	.....
New York.....	Piece.....	4	51	52.8	.122	6.41	14	.....	37	.....	.....	.....
	Time.....	1	3	54.0	.118	6.39	.....	.....	3	.....	.....	.....
	Total.	4	54	52.8	.122	6.41	14	.....	40	.....	.....	.....
Pennsylvania.....	Piece.....	10	266	54.0	.148	8.00	.....	.....	266	.....	.....	.....
	Time.....	6	75	54.0	.127	6.88	.....	.....	75	.....	.....	.....
	Total.	12	341	54.0	.144	7.75	.....	.....	341	.....	.....	.....
Other States.....	Piece.....	2	145	54.0	.252	13.59	.....	.....	145	.....	.....	.....
All States.....	Piece.....	25	667	54.2	.178	9.66	14	.....	448	205	.....	.....
	Time.....	22	231	54.4	.120	6.55	17	.....	78	146	.....	.....
	Total.	40	898	54.3	.163	8.86	121	.....	526	351	.....	.....

QUILLERS: Female.

Connecticut.....	Piece.....	2	48	55.0	\$0.148	\$8.16	.....	.....	.....	48	.....	.....
	Time.....	3	32	55.0	.102	5.63	.....	.....	.....	32	.....	.....
	Total.	4	80	55.0	.130	7.14	.....	.....	.....	80	.....	.....
New Jersey.....	Time.....	21	329	54.9	.126	6.92	25	.....	.....	324	.....	.....
New York.....	do.....	6	99	51.1	.116	5.89	257	.....	42	.....	.....	.....
Pennsylvania.....	Piece.....	4	90	54.0	.119	6.43	.....	.....	90	.....	.....	.....
	Time.....	12	250	54.0	.097	5.22	.....	.....	250	.....	.....	.....
	Total.	13	340	54.0	.103	5.54	.....	.....	340	.....	.....	.....
Other States.....	Piece.....	2	131	54.0	.152	8.20	.....	.....	131	.....	.....	.....
	Time.....	1	1	54.0	.125	6.75	.....	.....	1	.....	.....	.....
	Total.	2	132	54.0	.152	8.19	.....	.....	132	.....	.....	.....
All States.....	Piece.....	8	269	54.2	.140	7.60	.....	.....	221	48	.....	.....
	Time.....	43	711	54.1	.113	6.12	62	.....	293	356	.....	.....
	Total.	46	980	54.1	.121	6.53	62	.....	514	404	.....	.....

¹ Including 6 employees whose full-time hours per week were under 48.

² Including 1 employee whose full-time hours per week were under 48.

³ Including 8 employees whose full-time hours per week were under 48.

⁴ Including 9 employees whose full-time hours per week were under 48.

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

REELERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Pennsylvania.....	Piece....	4	42	54.3	\$0.124	\$6.77	.....	.....	39	.....	3	.....
	Time....	4	37	54.0	.102	5.53	.....	.....	37	.....	.....	.....
	Total.	7	79	54.2	.114	6.19	.....	.....	76	.....	3	.....
Other States.....	Piece....	5	22	54.6	.183	9.96	.....	.....	8	14	.....	.....
	Time....	4	22	55.0	.149	8.18	.....	.....	.....	22	.....	.....
	Total.	7	44	54.8	.166	9.07	.....	.....	8	36	.....	.....
All States.....	Piece....	9	64	54.4	.144	7.87	.....	.....	47	14	3	.....
	Time....	8	59	54.4	.120	6.52	.....	.....	37	22	.....	.....
	Total.	14	123	54.4	.132	7.22	.....	.....	84	36	3	.....

REELERS: Female.

Connecticut.....	Piece....	2	9	55.0	\$0.119	\$6.56	.....	.....	.....	9	.....	.....
	Time....	3	44	55.0	.131	7.19	.....	.....	.....	44	.....	.....
	Total.	4	53	55.0	.129	7.08	.....	.....	.....	53	.....	.....
Pennsylvania.....	Piece....	2	11	54.0	.113	6.08	.....	.....	11	.....	.....	.....
	Time....	4	95	54.0	.092	4.97	.....	.....	95	.....	.....	.....
	Total.	4	106	54.0	.094	5.08	.....	.....	106	.....	.....	.....
Other States.....	Piece....	2	33	54.0	.179	9.65	.....	.....	33	.....	.....	.....
	Time....	1	4	54.0	.135	7.26	.....	.....	4	.....	.....	.....
	Total.	2	37	54.0	.174	9.39	.....	.....	37	.....	.....	.....
All States.....	Piece....	6	53	54.2	.155	8.38	.....	.....	44	9	.....	.....
	Time....	8	143	54.3	.105	5.71	.....	.....	99	44	.....	.....
	Total.	10	196	54.3	.119	6.44	.....	.....	143	53	.....	.....

SPINNERS: Male.

New Jersey.....	Time....	4	35	55.0	\$0.158	\$8.69	.....	.....	.....	35	.....	.....
Pennsylvania.....	Piece....	4	65	54.6	.119	6.49	.....	.....	56	.....	9	.....
	Time....	7	143	54.0	.097	5.22	.....	.....	142	.....	1	.....
	Total.	8	208	54.2	.103	5.62	.....	.....	198	.....	10	.....
Other States.....	Piece....	1	1	54.0	.155	8.37	.....	.....	1	.....	.....	.....
	Time....	4	56	56.3	.150	8.49	.....	.....	25	12	.....	19
	Total.	4	57	56.2	.151	8.48	.....	.....	26	12	.....	19
All States.....	Piece....	5	66	54.5	.119	6.51	.....	.....	57	.....	9	.....
	Time....	15	234	54.7	.119	6.52	.....	.....	167	47	1	19
	Total.	16	300	54.7	.119	6.52	.....	.....	224	47	10	19

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

SPINNERS: Female.

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut.....	Time....	3	62	55.0	\$0.141	\$7.73	.....	.....	.....	62	.....	.....
Pennsylvania.....	Piece....	3	41	54.0	.114	6.14	.....	.....	41	.....	.....	.....
	Time....	5	155	54.0	.092	4.98	.....	.....	155	.....	.....	.....
	Total.	6	196	54.0	.097	5.22	.....	.....	196	.....	.....	.....
Other States.....	Piece....	3	167	54.0	.187	10.12	.....	.....	163	4	.....	.....
	Time....	2	12	54.3	.130	7.04	.....	.....	8	4	.....	.....
	Total.	3	179	54.0	.183	9.91	.....	.....	171	8	.....	.....
All States.....	Piece....	6	208	54.0	.173	9.34	.....	.....	204	4	.....	.....
	Time....	10	229	54.3	.107	5.83	.....	.....	163	66	.....	.....
	Total.	12	437	54.2	.138	7.50	.....	.....	367	70	.....	.....

TWISTERS-IN: Male.

Connecticut.....	Piece....	3	13	55.0	\$0.315	\$17.33	.....	.....	.....	13	.....	.....
	Time....	3	32	55.0	.242	13.31	.....	.....	.....	32	.....	.....
	Total.	5	45	55.0	.263	14.47	.....	.....	.....	45	.....	.....
New Jersey.....	Piece....	7	29	55.0	.362	19.92	.....	.....	.....	29	.....	.....
	Time....	14	100	55.0	.323	17.75	1	.....	.....	99	.....	.....
	Total.	19	129	55.0	.332	18.24	1	.....	.....	128	.....	.....
Pennsylvania.....	Piece....	8	56	54.3	.283	15.40	.....	.....	49	4	3	.....
	Time....	9	48	54.0	.241	13.02	.....	.....	47	1	.....	.....
	Total.	12	104	54.2	.264	14.30	.....	.....	96	5	3	.....
Other States.....	Piece....	4	61	54.0	.306	16.52	.....	.....	61	.....	.....	.....
	Time....	4	18	54.0	.249	13.46	.....	.....	18	.....	.....	.....
	Total.	7	79	54.0	.293	15.82	.....	.....	79	.....	.....	.....
All States.....	Piece....	22	159	54.4	.309	16.81	.....	.....	110	46	3	.....
	Time....	30	198	54.6	.283	15.50	1	.....	65	132	.....	.....
	Total.	43	357	54.5	.295	16.08	1	.....	175	178	3	.....

TWISTERS-IN: Female.

Pennsylvania....	Piece....	4	39	54.0	\$0.171	\$9.22	.....	.....	39	.....	.....	.....
	Time....	2	5	54.0	.167	9.04	.....	.....	5	.....	.....	.....
	Total.	6	44	54.0	.170	9.20	.....	.....	44	.....	.....	.....
Other States.....	Piece....	5	16	54.8	.239	13.11	.....	.....	3	13	.....	.....
	Time....	7	31	51.2	.173	8.89	22	.....	6	.....	.....	.....
	Total.	11	47	52.4	.195	10.33	22	.....	6	19	.....	.....
All States.....	Piece....	9	55	54.2	.191	10.35	.....	.....	42	13	.....	.....
	Time....	9	36	51.6	.172	8.91	22	.....	8	6	.....	.....
	Total.	17	91	53.2	.183	9.78	22	.....	50	19	.....	.....

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.**WARPERS: Male.**

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
All States.....	Piece....	8	96	54.8	\$0.375	\$20.56	.....	.....	19	77	.....	.....
	Time....	15	79	54.7	.339	18.53	.....	.....	25	54	.....	.....
	Total.	22	175	54.7	.359	19.65	.....	.....	44	131	.....	.....

WARPERS: Female.

Connecticut.....	Piece....	4	104	55.0	\$0.204	\$11.20	.....	.....	.....	104	.....	.....
	Time....	1	1	55.0	.214	11.77	.....	.....	.....	1	.....	.....
	Total.	4	105	55.0	.204	11.21	.....	.....	.....	105	.....	.....
New Jersey.....	Piece....	4	91	55.0	.268	14.72	.....	.....	.....	91	.....	.....
	Time....	15	215	55.0	.205	11.24	2	.....	.....	213	.....	.....
	Total.	15	306	55.0	.223	12.27	2	.....	.....	304	.....	.....
New York.....	Piece....	4	77	50.9	.258	13.07	53	.....	24	.....	.....	.....
	Time....	3	21	51.2	.137	6.99	16	.....	5	.....	.....	.....
	Total.	5	98	51.0	.232	11.77	69	.....	29	.....	.....	.....
Pennsylvania....	Piece....	11	358	54.0	.170	9.20	.....	.....	358	.....	.....	.....
	Time....	5	90	54.0	.187	10.10	.....	.....	90	.....	.....	.....
	Total.	13	448	54.0	.174	9.38	.....	.....	448	.....	.....	.....
Other States.....	Piece....	2	125	54.0	.238	12.88	.....	.....	125	.....	.....	.....
	Time....	1	2	54.0	.132	7.13	.....	.....	2	.....	.....	.....
	Total.	2	127	54.0	.237	12.78	.....	.....	127	.....	.....	.....
All States.....	Piece....	25	755	53.9	.207	11.14	53	.....	507	195	.....	.....
	Time....	25	329	54.4	.195	10.63	18	.....	97	214	.....	.....
	Total.	39	1,084	54.1	.203	10.99	71	.....	604	409	.....	.....

WEAVERS, BROAD SILK: Male.

Connecticut.....	Piece....	4	578	55.0	\$0.254	\$13.97	.....	.....	.....	578	.....	.....
New Jersey.....	do.....	12	781	54.9	.268	14.72	23	.....	.....	758	.....	.....
New York.....	do.....	5	190	54.2	.230	12.43	.....	.....	160	30	.....	.....
Pennsylvania....	do.....	10	579	54.1	.185	10.01	.....	.....	554	25	.....	.....
Other States.....	do.....	2	291	54.0	.276	15.33	.....	.....	291	.....	.....	.....
	Total.	33	2,419	54.5	.247	13.31	23	.....	1,005	1,391	.....	.....

WEAVERS, BROAD SILK: Female.

Connecticut.....	Piece....	4	274	55.0	\$0.192	\$10.56	.....	.....	.....	274	.....	.....
New Jersey.....	do.....	12	351	55.0	.237	13.00	2	.....	.....	349	.....	.....
New York.....	do.....	5	154	54.0	.187	10.10	.....	.....	154	.....	.....	.....
Pennsylvania....	do.....	10	1,455	54.0	.153	8.27	.....	.....	1,455	.....	.....	.....
Other States.....	do.....	2	651	54.0	.267	14.54	.....	.....	651	.....	.....	.....
	Total.	33	2,885	54.2	.189	10.58	2	.....	2,260	623	.....	.....

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WEAVERS, RIBBON: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
New Jersey.....	Piece....	3	284	55.0	\$0.332	\$18.26	.....	.....	.....	284	.....	.....
	Time....	6	339	55.0	.273	15.02	.....	.....	.....	339	.....	.....
	Total.	8	623	55.0	.302	16.48	.....	.....	.....	623	.....	.....
New York.....	Piece....	1	164	49.5	.348	17.23	164	.....	.....	.....	.....	.....
	Time....	1	76	50.3	.307	15.44	76	.....	.....	.....	.....	.....
	Total.	2	240	49.8	.341	16.66	240	.....	.....	.....	.....	.....
Pennsylvania....	Piece....	7	247	55.2	.262	14.48	.....	.....	169	5	73	.....
	Time....	2	6	57.5	.189	10.60	.....	.....	.....	5	.....	1
	Total.	7	253	55.2	.261	14.38	.....	.....	169	10	73	1
All States.....	Piece....	11	695	53.8	.315	16.67	164	.....	169	289	73	.....
	Time....	9	421	54.2	.277	15.04	76	.....	.....	344	.....	1
	Total.	17	1,116	53.9	.302	16.05	240	.....	169	633	73	1

WEAVERS, RIBBON: Female.

New Jersey.....	Piece....	1	12	55.0	\$0.296	\$16.28	.....	.....	.....	12	.....	.....
	Time....	6	664	55.0	.249	13.70	.....	.....	.....	664	.....	.....
	Total.	7	676	55.0	.250	13.74	.....	.....	.....	676	.....	.....
Pennsylvania....	Piece....	7	180	54.0	.208	11.23	.....	.....	180	.....	.....	.....
	Time....	2	9	54.0	.229	12.37	.....	.....	9	.....	.....	.....
	Total.	7	189	54.0	.208	11.28	.....	.....	189	.....	.....	.....
Other States.....	Time....	1	39	50.3	.229	11.52	39	.....	.....	.....	.....	.....
All States.....	Piece....	8	192	54.1	.213	11.55	.....	.....	180	12	.....	.....
	Time....	9	712	54.7	.248	13.56	39	.....	9	664	.....	.....
	Total.	15	904	54.6	.242	13.14	39	.....	189	676	.....	.....

WINDERS, HARD SILK: Female.

Connecticut.....	Piece....	2	19	55.0	\$0.144	\$7.95	.....	.....	.....	19	.....	.....
	Time....	1	111	55.0	.141	7.76	.....	.....	.....	111	.....	.....
	Total.	3	130	55.0	.142	7.79	.....	.....	.....	130	.....	.....
New Jersey.....	Time....	5	109	55.0	.130	7.15	.....	.....	.....	109	.....	.....
New York.....	Piece....	1	29	54.0	.106	5.73	.....	.....	29	.....	.....	.....
	Time....	1	30	50.3	.106	5.35	30	.....	.....	.....	.....	.....
	Total.	2	59	52.1	.106	5.53	30	.....	.....	29	.....	.....
Pennsylvania....	Piece....	5	227	54.0	.120	6.46	.....	.....	227	.....	.....	.....
	Time....	7	301	54.0	.103	5.57	.....	.....	301	.....	.....	.....
	Total.	9	528	54.0	.110	5.95	.....	.....	528	.....	.....	.....
Other States.....	Piece....	2	38	54.0	.152	8.21	.....	.....	38	.....	.....	.....
	Time....	2	144	54.0	.132	7.12	.....	.....	144	.....	.....	.....
	Total.	2	182	54.0	.136	7.35	.....	.....	182	.....	.....	.....
All States.....	Piece....	10	313	54.1	.124	6.69	.....	.....	294	19	.....	.....
	Time....	16	695	54.2	.119	6.48	30	.....	445	220	.....	.....
	Total.	21	1,008	54.1	.121	6.54	30	.....	739	239	.....	.....

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WINDERS, SOFT SILK: Female.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—				
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60
Connecticut.....	Piece....	3	58	55.0	\$0.167	\$9.19	.....	.....	.....	58	.....
	Time....	4	123	55.0	.135	7.45	.....	.....	.....	123	.....
	Total.	4	181	55.0	.146	8.00	.....	.....	.....	181	.....
New Jersey.....	Piece....	7	141	55.0	.207	11.40	.....	.....	.....	141	.....
	Time....	17	259	54.9	.147	8.09	3	.....	.....	256	.....
	Total.	21	400	55.0	.168	9.26	3	.....	.....	397	.....
New York.....	Piece....	2	29	54.0	.158	8.56	.....	.....	29	.....	.....
	Time....	5	72	51.8	.156	8.01	36	.....	36	.....	.....
	Total.	6	101	52.4	.157	8.16	36	.....	65	.....	.....
Pennsylvania....	Piece....	9	237	54.0	.142	7.65	.....	.....	237	.....	.....
	Time....	9	258	54.0	.120	6.46	.....	.....	258	.....	.....
	Total.	12	495	54.0	.130	7.03	.....	.....	495	.....	.....
Other States.....	Piece....	2	55	54.0	.190	10.26	.....	.....	55	.....	.....
	Time....	1	129	54.0	.151	8.14	.....	.....	129	.....	.....
	Total.	2	184	54.0	.163	8.78	.....	.....	184	.....	.....
All States.....	Piece....	23	520	54.4	.168	9.17	.....	.....	321	199	.....
	Time....	36	841	54.2	.138	7.50	39	.....	423	379	.....
	Total.	45	1,361	54.3	.150	8.14	39	.....	744	578	.....

OTHER EMPLOYEES: Male.

Connecticut.....	Piece....	3	128	55.0	\$0.201	\$11.07	.....	.....	.....	128	.....
	Time....	5	220	55.8	.249	13.84	.....	.....	.....	214	 ¹ 6
	Total.	5	348	55.5	.232	12.77	.....	.....	.....	342	 ¹ 6
Massachusetts....	Piece....	2	13	54.0	.120	6.50	.....	.....	13	.....	.....
	Time....	2	161	54.7	.222	12.12	2	.....	155	.....	.....¹ 4
	Total.	2	174	54.6	.215	11.70	2	.....	168	.....	.....¹ 4
New Jersey.....	Piece....	6	16	54.7	.184	10.05	.....	.....	15	.....	.....
	Time....	27	733	55.8	.208	11.58	² 5	.....	704	.....	.....² 24
	Total.	27	749	55.7	.207	11.56	² 6	.....	719	.....	.....² 24
New York.....	Piece....	4	30	51.9	.106	5.44	14	.....	16	.....	.....
	Time....	8	164	51.9	.266	13.71	² 84	.....	72	4	 ⁴ 4
	Total.	8	194	51.9	.241	12.43	² 98	.....	88	4	 ⁴ 4
Pennsylvania....	Piece....	8	49	54.3	.148	8.01	.....	.....	45	1	.....
	Time....	19	677	55.7	.204	11.36	.....	.....	515	80	32 ⁵ 50
	Total.	19	726	55.6	.200	11.34	.....	.....	560	81	35 ⁵ 50
All States.....	Piece....	23	236	54.4	.172	9.40	15	.....	74	144	3
	Time....	61	1,955	55.3	.217	11.98	⁶ 91	.....	742	1,002	32 ⁷ 88
	Total.	61	2,191	55.2	.212	11.66	⁶ 106	.....	816	1,146	35 ⁷ 88

¹ Over 60 hours.² Including 3 employees whose full-time hours per week were under 48.³ Including 22 employees whose full-time hours per week were over 60.⁴ Including 1 employee whose full-time hours per week were over 60.⁵ Including 34 employees whose full-time hours per week were over 60.⁶ Including 6 employees whose full-time hours per week were under 48.⁷ Including 67 employees whose full-time hours per week were over 60.

TABLE III.—AVERAGE RATES OF WAGES PER HOUR, AVERAGE FULL-TIME WEEKLY EARNINGS, AND AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

OTHER EMPLOYEES: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					
							Over 48 and under 51	51 and under 54	54	Over 54 and under 57	57 and under 60	60
Connecticut.....	Piece....	4	169	55.0	\$0.151	\$8.29	.....	.....	.....	169	.....	.....
	Time....	4	67	55.0	.159	8.76	.....	.....	.....	67	.....	.....
	Total.	5	236	55.0	.153	8.42	.....	.....	.....	236	.....	.....
Massachusetts....	Piece....	2	71	54.0	.132	7.15	.....	.....	71	.....	.....	.....
	Time....	2	133	53.9	.170	9.16	¹ 1	.....	132	.....	.....	.....
	Total.	2	204	54.0	.157	8.46	¹ 1	.....	203	.....	.....	.....
New Jersey.....	Piece....	5	49	55.0	.169	9.29	.....	.....	.....	49	.....	.....
	Time....	20	434	54.6	.128	6.96	¹ 19	.....	.....	415	.....	.....
	Total.	21	483	54.6	.132	7.20	¹ 19	.....	.....	464	.....	.....
New York.....	Piece....	3	10	52.7	.090	4.64	.....	3	.....	7	.....	.....
	Time....	7	390	50.1	.129	6.45	² 329	.....	61	.....	.....	.....
	Total.	8	400	50.2	.128	6.43	² 332	.....	68	.....	.....	.....
Pennsylvania....	Piece....	11	113	54.0	.115	6.19	.....	.....	113	.....	.....	.....
	Time....	16	424	54.0	.119	6.45	.....	.....	424	.....	.....	.....
	Total.	16	537	54.0	.118	6.39	.....	.....	537	.....	.....	.....
All States.....	Piece....	25	412	54.5	.133	7.54	.....	3	.....	191	218	.....
	Time....	49	1,448	53.3	.131	6.96	² 249	.....	617	482	.....	.....
	Total.	52	1,860	53.5	.132	7.09	² 252	.....	808	700	.....	.....

¹ Under 48 hours.

² Including 29 employees whose full-time hours per week were under 48.

³ Including 49 employees whose full-time hours per week were under 48.

TABLE IV.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, IN EACH STATE, BY YEARS, 1913 AND 1914.

[The figures for both years are for identical establishments.]

DOUBLERS, SILK THROWING: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
New Jersey: 4 establishments..	1913	43	55.0	\$0.121	.....	.....	.....	.....	20	23	.....	.....	.....	.....	.....	.....	
	1914	58	55.0	.130	.....	.....	.....	.....	3	55	.....	.....	.....	.....	.....	.....	
Pennsylvania: 6 establishments..	1913	204	55.4	.099	6	8	18	102	43	23	2	2	.....	.....	.....	.....	
	1914	214	54.0	.099	14	8	22	94	44	27	4	.....	1	.....	.....	.....	
Total: 10 establishments.	1913	247	55.3	.103	6	8	18	102	63	46	2	2	.....	.....	.....	.....	
	1914	272	54.2	.106	14	8	22	94	47	82	4	.....	1	.....	.....	.....	

LABORERS, DYEHOUSE: Male.

Connecticut: 2 establishments..	1913	187	56.1	\$0.205	.....	.....	.....	.....	.....	.....	.....	36	64	61	23	4
	1914	208	54.4	.205	.....	.....	.....	.....	.....	.....	.....	6	106	76	15	5
New Jersey: 3 establishments..	1913	1,359	55.0	.216	.....	.....	.....	.....	.....	.....	85	86	101	906	181	.....
	1914	1,648	55.5	.223	.....	.....	5	1	12	7	9	148	146	1,043	214	63
Pennsylvania: 6 establishments..	1913	1,042	56.3	.205	.....	.....	.....	.....	.....	.....	62	152	88	685	52	3
	1914	1,342	57.2	.210	.....	3	.....	8	14	11	80	218	68	754	167	19
Other States: 1 establishment...	1913	24	54.0	.167	.....	.....	.....	.....	.....	.....	.....	24	.....	.....	.....	.....
	1914	26	54.0	.202	.....	.....	.....	.....	.....	.....	.....	8	7	8	2	1
Total: 12 establishments.	1913	2,612	55.6	.210	.....	.....	.....	.....	.....	.....	147	298	253	1,652	255	7
	1914	3,224	56.1	.216	.....	3	5	9	26	18	89	380	327	1,881	398	88

LOOM FIXERS: Male.

Connecticut: 4 establishments..	1913	61	57.9	\$0.270	.....	.....	.....	.....	.....	.....	.....	1	2	9	20	20
	1914	61	55.0	.298	.....	.....	.....	.....	.....	.....	.....	1	1	.....	28	31
New Jersey: 19 establishments.	1913	106	55.0	.357	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	103
	1914	112	54.9	.361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	103
New York: 5 establishments..	1913	35	52.2	.351	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7
	1914	37	51.9	.371	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	31
Pennsylvania: 12 establishments.	1913	122	56.6	.309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	22
	1914	132	54.2	.316	.....	.....	.....	.....	.....	.....	.....	1	7	3	17	104
Other States: 1 establishment...	1913	5	54.0	.278	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
	1914	7	54.0	.306	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Total: 41 establishments.	1913	329	55.8	.321	.....	.....	.....	.....	.....	.....	.....	1	2	15	65	246
	1914	349	54.3	.333	.....	.....	.....	.....	.....	.....	.....	2	8	3	60	276

TABLE IV.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

PICKERS, CLOTH: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Connecticut: 4 establishments..	1913	119	57.9	\$0.159	.....	.....	.....	3	23	15	21	17	18	20	2	.....	
	1914	112	55.0	.171	.....	.....	.....	2	6	17	17	23	20	23	4	.....	
New Jersey: 17 establishments.	1913	209	54.9	.136	.....	.....	18	10	76	43	13	7	15	20	7	.....	
	1914	237	54.7	.144	3	5	7	12	49	73	25	14	20	17	6	6	
New York: 3 establishments..	1913	42	54.0	.123	.....	.....	2	7	14	8	6	2	2	1	.....	.....	
	1914	40	54.0	.111	4	4	3	3	12	5	4	4	.....	1	.....	.....	
Pennsylvania: 11 establishments.	1913	268	56.4	.161			5	10	20	39	38	35	31	28	44	9	9
	1914	327	54.0	.146	17	11	22	11	40	36	55	60	36	33	5	1	
Other States: 1 establishment...	1913	21	54.0	.169	.....	.....	.....	.....	.....	.....	7	7	7	.....	.....	.....	
	1914	18	54.0	.238	.....	.....	.....	.....	.....	.....	.....	1	1	11	4	1	
Total: 36 establishments.	1913	659	56.0	.151	....	5	30	40	152	104	82	64	70	85	18	9	
	1914	734	54.4	.150	24	20	32	28	107	131	101	102	77	85	19	8	

QUILLERS: Female.

Connecticut: 4 establishments..	1913	73	57.9	\$0.131	3	1	6	1	12	19	18	9	4	.....	.....	.....
	1914	80	55.0	.130	.....	3	2	6	27	7	20	11	3	1	.....	.....
New Jersey: 20 establishments.	1913	298	55.0	.122	.....	.....	4	24	107	132	27	2	2	.....	.....	.....
	1914	323	54.9	.126	1	2	4	15	82	171	37	6	3	2	.....	.....
New York: 4 establishments..	1913	85	51.3	.111	.....	16	14	8	24	3	4	13	3	.....	.....	.....
	1914	82	50.8	.122	.....	6	9	9	18	15	2	17	6	.....	.....	.....
Pennsylvania: 12 establishments.	1913	253	56.4	.106	25	31	26	25	83	31	15	4	9	4	.....	.....
	1914	313	54.0	.104	32	62	26	29	70	51	17	16	7	3	.....	.....
Other States: 1 establishment...	1913	26	54.0	.097	.....	.....	.....	18	8	.....	.....	.....	.....	.....	.....	.....
	1914	17	54.0	.129	.....	.....	.....	.....	6	8	1	2	.....	.....	.....	.....
Total: 41 establishments.	1913	735	55.3	.115	28	48	50	76	234	185	64	28	18	4	.....	.....
	1914	815	54.1	.118	33	73	41	69	203	252	77	52	19	6	.....	.....

REELERS: Male.

Pennsylvania: 5 establishments..	1913	50	57.0	\$0.121	.....	6	7	3	8	9	13	2	2	.....	.....	.....
	1914	77	54.2	.114	.....	10	11	6	20	19	5	2	3	1	.....	.....
Other States: 5 establishments..	1913	27	54.9	.152	.....	.....	.....	.....	6	7	2	8	1	2	1	.....
	1914	37	54.9	.172	.....	.....	.....	.....	1	8	1	17	4	5	1	.....
Total: 10 establishments.	1913	77	56.3	.132	.....	6	7	3	14	16	15	10	3	2	1	.....
	1914	114	54.4	.133	.....	10	11	6	21	27	6	19	7	6	1	.....

TABLE IV.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

REELERS: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.														
					Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.			
Connecticut: 3 establishments..	1913	65	57.9	\$0.120	.....	.....	.....	.....	6	22	36	1	.....	.....	.....	.....	.....	.....	.....
	1914	49	55.0	.129	.....	.....	.....	.....	2	8	24	14	1	.....	.....	.....	.....	.....	.....
Pennsylvania: 4 establishments..	1913	110	55.9	.088	5	20	37	23	23	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	106	54.0	.094	4	9	37	12	38	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States: 1 establishment..	1913	5	54.0	.121	.....	.....	.....	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1914	6	54.0	.106	.....	1	.....	1	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Total: 8 establishments..	1913	180	56.6	.101	5	20	37	29	47	41	1	.....	.....	.....	.....	.....	.....	.....	.....
	1914	161	54.3	.105	4	10	37	15	48	31	15	1	.....	.....	.....	.....	.....	.....	.....

SPINNERS: Male.

New Jersey: 4 establishments...	1913	42	55.0	\$0.157	.....	.....	.....	.....	1	5	7	27	2	.....	.....	.....	.....	.....	.....
	1914	35	55.0	.158	.....	.....	.....	.....	.....	7	4	22	2	.....	.....	.....	.....	.....	.....
Pennsylvania: 8 establishments..	1913	189	57.1	.106	16	25	30	17	47	23	22	4	2	3	.....	.....	.....	.....	.....
	1914	206	54.2	.103	16	38	34	20	52	16	21	8	.....	2	.....	1	.....	.....	.....
Other States: 2 establishments..	1913	31	55.4	.129	.....	.....	1	.....	9	13	5	2	1	.....	.....	.....	.....	.....	.....
	1914	36	54.3	.141	.....	.....	.....	.....	4	21	2	8	1	.....	.....	.....	.....	.....	.....
Total: 14 establishments.	1913	262	56.6	.117	16	25	31	17	57	41	34	33	5	3	.....	.....	.....	.....	.....
	1914	279	54.3	.115	16	38	34	20	56	44	27	38	3	2	.....	1	.....	.....	.....

SPINNERS: Female.

Connecticut: 3 establishments..	1913	92	57.9	\$0.126	.....	.....	.....	3	15	72	2	.....	.....	.....	.....	.....	.....	.....	.....
	1914	62	55.0	.141	.....	.....	.....	.....	2	12	47	1	.....	.....	.....	.....	.....	.....	.....
Pennsylvania: 6 establishments..	1913	222	55.9	.098	3	17	21	76	92	11	2	.....	.....	.....	.....	.....	.....	.....	.....
	1914	196	54.0	.097	23	18	17	63	49	22	3	.....	.....	1	.....	.....	.....	.....	.....
Other States: 2 establishments..	1913	26	54.3	.153	.....	.....	.....	.....	3	4	5	10	4	.....	.....	.....	.....	.....	.....
	1914	27	54.3	.155	.....	.....	.....	.....	1	7	4	12	2	.....	1	.....	.....	.....	.....
Total: 11 establishments.	1913	340	56.3	.110	3	17	21	79	110	87	9	10	4	.....	.....	.....	.....	.....	.....
	1914	285	54.2	.112	23	18	17	63	52	41	54	13	2	1	.....	1	.....	.....	.....

TWISTERS-IN: Male.

Connecticut: 4 establishments..	1913	39	57.9	\$0.274	.....	.....	.....	.....	.....	.....	2	2	11	13	11	.....	.....	.....	.....
	1914	39	55.0	.282	.....	.....	.....	.....	.....	1	.....	1	5	15	17	.....	.....	.....	.....
New Jersey: 18 establishments..	1913	124	55.0	.313	.....	.....	.....	.....	.....	.....	.....	.....	12	25	87	.....	.....	.....	.....
	1914	126	55.0	.331	.....	.....	.....	.....	.....	.....	.....	1	5	21	98	.....	.....	.....	.....
Pennsylvania: 11 establishments.	1913	84	57.0	.260	.....	.....	.....	.....	1	1	3	3	9	24	22	21	.....	.....	.....
	1914	99	54.2	.269	.....	.....	.....	.....	.....	1	4	7	6	30	26	25	.....	.....	.....
Other States: 3 establishments..	1913	28	54.0	.268	.....	.....	.....	.....	.....	.....	1	1	3	7	7	9	.....	.....	.....
	1914	30	54.0	.276	.....	.....	.....	.....	.....	.....	1	1	1	11	4	12	.....	.....	.....
Total: 36 establishments.	1913	275	55.9	.287	.....	.....	.....	.....	1	1	4	6	14	54	67	128	.....	.....	.....
	1914	294	54.6	.298	.....	.....	.....	.....	.....	2	5	10	8	51	63	152	.....	.....	.....

TABLE IV.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, IN EACH STATE, BY YEARS, 1913 AND 1914—Continued.

TWISTERS-IN: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Pennsylvania: 4 establishments..	1913	39	56.6	\$0.179	.....	.....	.....	.....	3	4	11	6	4	8	2	1	
	1914	39	54.0	.173	.....	.....	1	1	4	5	9	5	2	6	5	1	
Other States: 8 establishments..	1913	28	52.7	.242	.....	.....	.....	.....	.....	.....	1	2	3	10	9	3	
	1914	43	52.2	.199	.....	.....	1	7	1	2	6	1	2	12	4	7	
Total: 12 establishments.	1913	67	55.0	.205	.....	.....	.....	.....	3	4	12	8	7	18	11	4	
	1914	82	53.1	.137	.....	.....	2	8	5	7	15	6	4	18	9	8	

WARPERS: Male.

All States: 14 establishments.	1913	152	55.3	\$0.388	.....	.....	.....	.....	.....	.....	.....	1	.....	8	10	133
	1914	151	54.8	.363	.....	.....	.....	.....	.....	.....	.....	4	.....	2	17	128

WARPERS: Female.

Connecticut: 4 establishments...	1913	94	58.0	\$0.199	.....	.....	.....	2	4	4	8	11	12	39	14	.....
	1914	105	55.0	.204	.....	.....	.....	.....	9	13	10	7	11	28	22	5
New Jersey: 14 establishments.	1913	231	55.0	.249	.....	.....	.....	.....	.....	.....	3	3	11	74	124	16
	1914	299	55.0	.226	4	11	4	6	14	6	12	13	16	76	109	28
New York: 3 establishments...	1913	70	50.9	.239	.....	.....	.....	.....	.....	.....	6	7	8	22	19	8
	1914	80	51.0	.251	.....	1	.....	.....	2	2	6	4	4	22	21	18
Pennsylvania: 11 establishments.	1913	422	56.5	.181	.....	.....	2	7	34	51	58	55	89	81	33	12
	1914	422	54.0	.173	15	11	11	12	42	43	51	49	52	91	36	9
Other States: 1 establishment...	1913	32	54.0	.145	.....	.....	.....	1	7	5	9	5	5	.....	.....	.....
	1914	28	54.0	.162	.....	.....	.....	2	2	2	6	11	3	1	1	.....
Total: 33 establishments.	1913	849	55.7	.205	.....	.....	2	10	45	60	84	81	125	216	190	36
	1914	934	54.2	.199	19	23	15	20	69	66	85	84	86	218	189	60

WINDERS, HARD SILK: Female.

Connecticut: 3 establishments...	1913	108	57.9	\$0.133	.....	.....	.....	3	9	50	46	.....	.....	.....	.....	.....
	1914	130	55.0	.142	.....	.....	.....	.....	5	31	84	10	.....	.....	.....	.....
New Jersey: 4 establishments...	1913	105	55.0	.127	.....	.....	2	4	8	90	1	.....	.....	.....	.....	.....
	1914	95	55.0	.130	.....	1	1	1	8	80	3	.....	1	.....	.....	.....
New York: 2 establishments...	1913	39	52.1	.104	.....	1	5	18	9	4	1	1	.....	.....	.....	.....
	1914	59	52.1	.106	1	2	13	10	24	7	2	.....	.....	.....	.....	.....
Pennsylvania: 9 establishments...	1913	560	56.6	.103	22	41	52	155	191	70	20	7	2	.....	.....	.....
	1914	528	54.0	.110	37	22	38	58	224	89	31	19	11	1	.....	.....
Other States: 1 establishment....	1913	24	54.0	.165	.....	.....	.....	.....	1	5	7	5	2	4	.....	.....
	1914	30	54.0	.153	.....	1	.....	.....	2	5	3	18	1	.....	.....	.....
Total: 19 establishments.	1913	836	56.3	.112	22	42	59	180	218	219	75	13	4	4	.....	.....
	1914	842	54.1	.118	38	26	50	69	263	212	123	47	13	1	.....	.....

TABLE IV.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, IN EACH STATE, BY YEARS, 1913 AND 1914—Concluded.

WINDERS, SOFT SILK: Female.

State, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour													
					Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over		
Connecticut: 4 establishments....	1913	187	57.9	\$0.129	1	....	3	1	55	88	26	7	3	3	....	....		
	1914	181	55.0	.146	....	....	....	3	19	56	54	32	9	6	2	....		
New Jersey: 20 establishments..	1913	387	54.9	.164	....	....	....	3	7	59	151	69	39	51	8	....		
	1914	388	55.0	.169	2	1	1	5	9	49	114	98	28	57	22	2		
New York: 4 establishments....	1913	76	52.3	.146	....	3	4	4	11	6	15	13	20	....	....	....		
	1914	84	52.1	.159	2	....	1	5	5	6	14	21	25	5	....	....		
Pennsylvania: 10 establishments..	1913	437	56.2	.122	23	28	28	29	100	101	82	22	16	7	1	....		
	1914	451	54.0	.131	24	37	16	21	69	81	115	53	18	13	2	2		
Other States: 1 establishment....	1913	49	54.0	.165	....	....	....	3	2	4	4	20	16	....	....	....		
	1914	33	54.0	.183	....	....	....	....	....	....	2	14	10	7	....	....		
Total: 39 establishments..	1913	1,136	55.7	.141	24	31	35	40	175	258	278	131	94	61	9	....		
	1914	1,137	54.3	.150	28	38	18	34	102	192	299	218	90	88	26	4		

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

[This table includes all data secured for 1914 whether or not comparable data for 1913 were available.]

DOUBLERS, SILK THROWING: Female.

State.	Piece- workers or time- workers.	No. of estab- lish- m'ts.	No. of em- ploy- ees.	Ave- rage full- time hours per week.	Ave- rage rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.		
N. J.	Time....	5	73	55.0	\$0.122					5	68								
Pa.	Piece....	2	20	54.0	.120	2	1			1	13	3							
	Time....	6	194	54.0	.097	12	7	22	94	43	14	1		1					
	Total.	6	214	54.0	.099	14	8	22	94	44	27	4		1					
Other States..	Piece....	2	9	54.0	.139					1	3	5							
	Time....	1	8	54.0	.133					1	7								
	Total.	2	17	54.0	.136					2	10	5							
All States.....	Piece....	4	29	54.0	.126	2	1			2	16	8							
	Time....	12	275	54.3	.105	12	7	22	94	49	89	1		1					
	Total.	13	304	54.2	.107	14	8	22	94	51	105	9		1					

LABORERS, DYEHOUSE: Male.

Conn.....	Time....	2	208	54.4	\$0.205	.....	.....	.....	.....	.....	.....	6	106	76	15	5
N. J.....	do.....	4	1,670	55.5	.223	.....	5	1	12	7	9	148	146	1,059	219	64
Pa.....	Piece....	1	33	60.0	.219	.....	.....	.....	.....	.....	.....	2	11	3	7	6
	Time....	6	1,309	57.1	.209	.....	3	.....	8	14	11	78	207	65	747	161
	Total.	6	1,342	57.2	.210	.....	3	.....	8	14	11	80	218	68	754	167
Other States..	Time....	2	37	52.8	.213	.....	.....	.....	.....	.....	.....	8	8	15	5	1
																
All States.....	Piece....	1	33	60.0	.219	.....	.....	.....	.....	.....	.....	2	11	3	7	6
	Time....	14	3,224	56.0	.216	.....	3	5	9	26	18	87	369	325	1,897	400
	Total.	14	3,257	56.1	.216	.....	3	5	9	26	18	89	380	328	1,904	406

LOOM FIXERS: Male.

Conn.....	Time....	4	61	55.0	\$0.298	...	...	...	...	...	...	1	1	...	28	31
N. J.....	do.....	21	115	54.9	.361	...	...	...	...	...	...	...	...	...	9	106
N. Y.....	do.....	7	41	52.1	.364	...	...	...	...	...	...	...	...	...	1	33
Pa.....	do.....	13	143	54.2	.315	...	...	...	...	...	...	2	7	4	19	111
Other States..	do.....	2	38	54.0	.309	...	...	...	...	...	...	...	...	...	12	26
	Total.	47	398	54.3	.330	...	...	...	...	...	...	3	8	5	75	307

PICKERS, CLOTH: Female.

Conn.....	Piece....	4	108	55.0	\$0.172	...	...	...	2	6	14	16	23	20	28	4	...
	Time....	2	4	55.0	.134	...	...	...	...	...	3	1	...	...	...	...	...
	Total.	4	112	55.0	.171	...	...	...	2	6	17	17	23	20	23	4	...
N. J.....	Piece....	5	97	55.0	.186	...	...	...	1	6	8	22	13	18	17	6	6
	Time....	13	149	54.6	.117	3	5	7	11	43	72	4	2	2	...	...	...
	Total.	18	246	54.7	.144	3	5	7	12	49	80	26	15	20	17	6	6
N. Y.....	Piece....	4	51	52.8	.122	4	4	3	4	11	3	12	9	...	1	...	...
	Time....	1	3	54.0	.118	...	...	...	...	1	2	...	...	...	...	...	...
	Total.	4	54	52.8	.122	4	4	3	4	12	5	12	9	...	1	...	...

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

PICKERS, CLOTH: Female—Concluded.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	No. of em-ploy-ees.	Av-erage full-time hours per week.	Av-erage rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.		
Pa.....	Piece....	10	266	54.0	\$0.148	17	8	17	8	32	32	35	44	36	31	5	1		
	Time....	6	75	54.0	.127	4	7	5	4	11	5	21	16	....	2	....	....		
	Total.	12	341	54.0	.144	21	15	22	12	43	37	56	60	36	33	5	1		
Other States..	Piece....	2	145	54.0	.252	....	....	1	....	4	3	6	7	16	34	36	38		
All States....	Piece....	25	667	54.2	.178	21	12	21	15	59	60	91	96	90	106	51	45		
	Time....	22	231	54.4	.120	7	12	12	15	55	82	26	18	2	2	....	....		
	Total.	40	898	54.3	.163	28	24	33	30	114	142	117	114	92	108	51	45		

QUILLERS: Female.

Conn.....	Piece....	2	48	55.0	\$0.148	....	....	....	....	6	7	20	11	3	1	....	....
	Time....	3	32	55.0	.102	....	3	2	6	21	....	....	....	....	....	....	....
N. J.	Total.	4	80	55.0	.130	....	3	2	6	27	7	20	11	3	1	....	....
	Time....	21	329	54.9	.126	1	2	4	16	83	175	37	6	3	2	....	....
N. Y.	do.....	6	99	51.1	.116	3	9	14	13	20	15	2	17	6	....	....	....
	Piece....	4	90	54.0	.119	16	16	5	1	5	15	10	12	7	3	....	....
Pa.....	Time....	12	250	54.0	.097	17	61	27	30	66	38	7	4	....	....	....	....
	Total.	13	340	54.0	.103	33	77	32	31	71	53	17	16	7	3	....	....
Other States..	Piece....	2	131	54.0	.152	....	1	....	1	18	32	43	23	10	8	....	....
	Time....	1	1	54.0	.125	....	....	....	....	1	....	....	....	....	....	....	....
All States....	Total.	2	132	54.0	.152	....	1	....	1	13	33	43	23	10	8	....	....
	Piece....	8	269	54.2	.140	16	17	5	2	24	54	73	46	20	12	....	....
	Time....	43	711	54.1	.113	21	75	47	65	190	229	46	27	9	2	....	....
	Total.	46	980	54.1	.121	37	92	52	67	214	283	119	73	29	14	....	....

REELERS: Male.

Pa.....	Piece....	4	42	54.3	\$0.124	....	2	1	3	14	16	3	....	2	1	....	....
	Time....	4	37	54.0	.102	....	8	10	4	6	3	3	2	1	....	....	....
Other States..	Total.	7	79	54.2	.114	....	10	11	7	20	19	6	2	3	1	....	....
	Piece....	5	22	54.6	.183	....	....	....	....	1	4	....	8	3	5	1	....
All States....	Time....	4	22	55.0	.149	....	....	....	....	1	9	1	10	1	....	....	....
	Total.	7	44	54.8	.166	....	....	....	....	2	13	1	18	4	5	1	....
	Piece....	9	64	54.4	.144	....	2	1	3	15	20	3	8	5	6	1	....
	Time....	8	59	54.4	.120	....	8	10	4	7	12	4	12	2	....	....	....
	Total.	14	123	54.4	.132	....	10	11	7	22	32	7	20	7	6	1	....

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

REELERS: Female.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	No. of em-ploy-ees.	Av-erage full-time hours per week.	Av-erage rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Conn.....	Piece....	2	9	55.0	\$0.119	....	....	....	2	2	5	....	....	....	....	....	....	
	Time....	3	44	55.0	.131	....	....	....	....	8	21	14	1	....	....	....	....	
	Total.	4	53	55.0	.129	....	....	....	2	10	26	14	1	....	....	....	....	
Pa.....	Piece....	2	11	54.0	.113	....	1	....	1	4	5	....	....	....	....	....	....	
	Time....	4	95	54.0	.092	4	8	37	11	34	1	....	....	....	....	....	....	
	Total.	4	106	54.0	.094	4	9	37	12	38	6	....	....	....	....	....	....	
Other States..	Piece....	2	33	54.0	.179	....	1	....	1	2	1	3	3	14	8	....	....	
	Time....	1	4	54.0	.135	....	....	....	....	4	....	....	....	....	....	....	....	
	Total.	2	37	54.0	.174	....	1	....	1	2	5	3	3	14	8	....	....	
All States....	Piece....	6	53	54.2	.155	....	2	....	4	8	11	3	3	14	8	....	....	
	Time....	8	143	54.3	.105	4	8	37	11	42	26	14	1	....	....	....	....	
	Total.	10	196	54.3	.119	4	10	37	15	50	37	17	4	14	8	....	....	

SPINNERS: Male.

N. J.....	Time....	4	35	55.0	\$0.158	....	....	....	....	....	7	4	22	2	....	....	....
Pa.....	Piece....	4	65	54.6	.119	1	3	10	2	19	9	15	6	....	....	....	....
	Time....	7	143	54.0	.097	15	35	24	18	33	7	6	2	....	2	....	1
	Total.	8	208	54.2	.103	16	38	34	20	52	16	21	8	....	2	....	1
Other States..	Piece....	1	1	54.0	.155	....	....	....	....	....	1	....	....	....	....	....	....
	Time....	4	56	56.3	.150	....	....	....	....	4	28	3	13	1	7	....	....
	Total.	4	57	56.2	.151	....	....	....	....	4	28	4	13	1	7	....	....
All States....	Piece....	5	66	54.5	.119	1	3	10	2	19	9	16	6	....	....	....	....
	Time....	15	234	54.7	.119	15	35	24	18	37	42	13	37	3	9	....	1
	Total.	16	300	54.7	.119	16	38	34	20	56	51	29	43	3	9	....	1

SPINNERS: Female.

Conn.....	Time....	3	62	55.0	\$0.141	....	....	....	....	2	12	47	1	....	....	....	....
Pa.....	Piece....	3	41	54.0	.114	1	2	5	....	12	19	2	....	....	....	....	....
	Time....	5	155	54.0	.092	22	16	12	63	37	3	1	....	....	1	....	....
	Total.	6	196	54.0	.097	23	18	17	63	49	22	3	....	....	1	....	....
Other States..	Piece....	3	167	54.0	.187	....	....	....	....	1	8	15	45	46	48	3	1
	Time....	2	12	54.3	.130	....	....	....	....	2	9	1	....	....	....	....	....
	Total.	3	179	54.0	.183	....	....	....	....	3	17	16	45	46	48	3	1
All States....	Piece....	6	208	54.0	.173	1	2	5	....	13	27	17	45	46	48	3	1
	Time....	10	229	54.3	.107	22	16	12	63	41	24	49	1	....	1	....	....
	Total.	12	437	54.2	.138	23	18	17	63	54	51	66	46	46	49	3	1

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

TWISTERS-IN: Male.

State.	Piece-workers or time-workers.	No. of estab-lish-m'ts.	No. of employ-ees.	Aver- age full-time hours per week.	Aver- age rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Conn.	Piece....	3	13	55.0	\$0.315	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	8	
	Time....	3	32	55.0	.242	.....	.....	.....	.....	.....	5	2	1	.....	3	12	9	
	Total.	5	45	55.0	.263	.....	.....	.....	.....	.....	5	2	1	.....	5	15	17	
N. J.	Piece....	7	29	55.0	.362	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	24	
	Time....	14	100	55.0	.323	.....	.....	.....	.....	.....	.....	.....	1	.....	4	18	77	
	Total.	19	129	55.0	.332	.....	.....	.....	.....	.....	.....	.....	1	1	5	21	101	
Pa.	Piece....	8	56	54.3	.283	.....	.....	.....	.....	.....	2	6	5	15	8	20	.....	
	Time....	9	48	54.0	.241	.....	.....	.....	.....	1	3	3	1	1	15	19	5	
	Total.	12	104	54.2	.264	.....	.....	.....	.....	1	3	5	7	6	30	27	25	
Other States..	Piece....	4	61	54.0	.306	.....	.....	.....	.....	.....	.....	.....	.....	1	9	15	36	
	Time....	4	18	54.0	.249	.....	.....	.....	.....	.....	.....	.....	1	1	9	1	5	
	Total.	7	79	54.0	.293	.....	.....	.....	.....	.....	.....	.....	1	1	2	18	16	
All States....	Piece....	22	159	54.4	.309	.....	.....	.....	.....	.....	2	6	7	27	29	88	.....	
	Time....	30	198	54.6	.283	.....	.....	.....	.....	1	8	6	4	2	31	50	96	
	Total.	43	357	54.5	.295	.....	.....	.....	.....	1	8	8	10	9	58	79	184	

TWISTERS-IN: Female.

Pa.....	Piece....	4	39	54.0	\$0.171	.....	.....	1	1	4	5	9	5	3	6	4	1
	Time....	2	5	54.0	.167	.....	.....	.....	.....	1	.....	3	.....	.....	.....	1	.....
	Total.	6	44	54.0	.170	.....	.....	1	1	5	5	12	5	3	6	5	1
Other States..	Piece....	5	16	54.8	.239	.....	.....	.....	.....	.....	1	3	.....	.....	6	1	5
	Time....	7	31	51.2	.173	.....	.....	1	7	1	4	3	1	2	7	3	2
	Total.	11	47	52.4	.195	.....	.....	1	7	1	5	6	1	2	13	4	7
All States....	Piece....	9	55	54.2	.191	.....	.....	1	1	4	6	12	5	3	12	5	6
	Time....	9	36	51.6	.172	.....	.....	1	7	2	4	6	1	2	7	4	2
	Total.	17	91	53.2	.183	.....	.....	2	8	6	10	18	6	5	19	9	8

WARPERS: Male.

All States....	Piece....	8	96	54.8	\$0.375	.....	.....	.....	.....	.....	.....	.....	4	.....	4	16	72
	Time....	15	79	54.7	.339	.....	.....	.....	.....	.....	.....	.....	1	.....	2	6	70
	Total.	23	175	54.7	.359	.....	.....	.....	.....	.....	.....	.....	5	.....	6	22	142

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WARPERS: Female.

State.	Piece- workers or time- workers.	No. of estab- lish- m'ts.	No. of em- ploy- ees.	Av- erage full- time hours per week.	Av- erage rate of wages per hour.	Employees earning each classified rate of wages per hour.												
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.	
Conn.	Piece.... Time....	4 1	104 1	55.0 55.0	\$0.204 .214	..... .....	..... .....	..... .....	..... .....	9	13	10	7	11	27 1	22	5	
	Total.	4	105	55.0	.204	.....	.....	.....	.....	9	13	10	7	11	28	22	5	
N. J.	Piece.... Time....	4 15	91 215	55.0 55.0	.268 .205	 4	 11	 4	 7	1 16	1 8	3 9	6 7	9 7	28 48	19 90	24 4	
	Total.	15	306	55.0	.223	4	11	4	7	17	9	12	13	16	76	109	28	
N. Y.	Piece.... Time....	3 3	77 21	50.9 51.2	.257 .137	..... .....	1 .....	..... .....	..... .....	..... 9	1 4	5 4	4 3	4	22 1	21	19	
	Total.	5	98	51.0	.232	.....	1	.....	.....	9	5	9	7	4	23	21	19	
Pa.	Piece.... Time....	11 5	358 90	54.0 54.0	.170 .187	14 1	9 5	10 1	13 1	38 4	42 1	45 7	40 9	42 15	63 40	33 5	9 1	
	Total.	13	448	54.0	.174	15	14	11	14	42	43	52	49	57	103	38	10	
Other States..	Piece.... Time....	2 1	125 2	54.0 54.0	.238 .132	..... .....	..... .....	..... .....	2	3	2 2	10	17	5	28	37	21	
	Total.	2	127	54.0	.237	.....	.....	.....	2	3	4	10	17	5	28	37	21	
All States....	Piece.... Time....	25 25	755 329	53.9 54.4	.207 .195	14 5	10 16	10 5	15 8	51 29	59 15	73 20	74 19	71 22	168 90	132 95	78 5	
	Total.	39	1,084	54.1	.203	19	26	15	23	80	74	93	93	93	258	227	83	

WINDERS, HARD SILK: Female.

Conn.	Piece....	2	19	55.0	\$0.144	.....	.....	.....	.....	2	7	3	7	.....	.....	.....	.....
	Time....	1	111	55.0	.141	.....	.....	.....	.....	3	24	81	3	.....	.....	.....	.....
	Total.	3	130	55.0	.142	.....	.....	.....	.....	5	31	84	10	.....	.....	.....	.....
N. J.	Time....	5	109	55.0	.130	.....	1	1	1	8	94	3	.....	1	.....	.....	.....
	Piece....	1	29	54.0	.106	1	1	6	3	12	5	1	.....	.....	.....	.....	.....
	Time....	1	30	50.3	.106	.....	1	7	7	12	2	1	.....	.....	.....	.....	.....
Pa.	Total.	2	59	52.1	.106	1	2	13	10	24	7	2	.....	.....	.....	.....	.....
	Piece....	5	227	54.0	.120	12	5	16	21	56	67	28	16	5	1	.....	.....
	Time....	7	301	54.0	.103	25	17	20	37	168	22	3	3	6	.....	.....	.....
Other States..	Total.	9	528	54.0	.110	37	22	36	58	224	89	31	19	11	1	.....	.....
	Piece....	2	38	54.0	.152	.....	.....	.....	.....	3	8	9	17	1	.....	.....	.....
	Time....	2	144	54.0	.132	.....	1	.....	1	16	118	3	5	.....	.....	.....	.....
All States....	Total.	2	182	54.0	.136	.....	1	.....	1	19	126	12	22	1	.....	.....	.....
	Piece....	10	313	54.1	.124	13	6	22	24	73	87	41	40	6	1	.....	.....
	Time....	16	695	54.2	.119	25	20	28	46	207	260	91	11	7	.....	.....	.....
	Total.	21	1,008	54.1	.121	38	26	50	70	280	347	132	51	13	1	.....	.....

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WINDERS, SOFT SILK: Female.

State.	Piece-workers or time-workers.	No. of establishments.	No. of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.		
Conn.....	Piece....	3	58	55.0	\$0.167	....	....	....	1	4	12	8	16	9	6	2	....		
	Time....	4	123	55.0	.135	....	....	....	2	15	44	46	16	....	....	....	....		
	Total.	4	181	55.0	.146	....	....	....	3	19	56	54	32	9	6	2	....		
N. J.....	Piece....	7	141	55.0	.207	2	....	....	....	1	4	6	19	28	57	22	2		
	Time....	17	259	54.9	.147	....	1	1	5	8	45	119	80	....	....	....	....		
	Total.	21	400	55.0	.168	2	1	1	5	9	49	125	99	28	57	22	2		
N. Y.....	Piece....	2	29	54.0	.158	2	....	1	1	1	3	4	9	3	5	....	....		
	Time....	5	72	51.8	.156	....	....	....	4	7	16	17	22	....	....	....	....		
	Total.	6	101	52.4	.157	2	....	1	5	8	9	20	26	25	5	....	....		
Pa.	Piece....	9	237	54.0	.142	18	9	6	6	25	31	69	40	15	14	2	2		
	Time....	9	258	54.0	.120	8	31	14	29	48	53	54	15	4	2	....	....		
	Total.	12	495	54.0	.130	26	40	20	35	73	84	123	55	19	16	2	2		
Other States..	Piece....	2	55	54.0	.190	....	....	....	....	4	5	18	11	10	6	1	....		
	Time....	1	129	54.0	.151	....	....	....	....	6	46	76	1	....	....	....	....		
	Total.	2	184	54.0	.163	....	....	....	....	6	50	5	94	12	10	6	1		
All States....	Piece....	23	520	54.4	.168	22	9	7	8	31	54	92	102	66	92	32	5		
	Time....	36	841	54.2	.138	8	32	15	40	84	194	235	204	27	2	....	....		
	Total.	45	1,361	54.3	.150	30	41	22	48	115	248	327	306	93	94	32	5		

OTHER EMPLOYEES: Male.

Conn.....	Piece....	3	128	55.0	\$0.201	1	1	....	1	8	17	15	20	5	18	36	6		
	Time....	5	220	55.8	.249	....	....	2	....	15	8	17	14	8	52	43	61		
	Total.	5	348	55.5	.232	1	1	2	1	23	25	32	34	13	70	79	67		
Mass.....	Piece....	2	13	54.0	.120	....	4	....	....	1	5	3	....	....	....	....	....		
	Time....	2	161	54.7	.222	....	....	....	....	6	26	13	16	13	33	23	31		
	Total.	2	174	54.6	.215	....	4	....	....	7	31	16	16	13	33	23	31		
N. J.....	Piece....	6	16	54.7	.184	....	....	1	1	4	....	1	....	3	8	1	2		
	Time....	27	733	55.8	.208	11	27	21	36	75	29	56	45	81	128	99	125		
	Total.	27	749	55.7	.207	11	27	22	37	79	29	57	45	84	131	100	127		
N. Y.....	Piece....	4	30	51.9	.106	5	3	1	2	8	6	3	1	1	....	....	....		
	Time....	8	164	51.9	.266	2	2	6	2	11	9	6	10	10	20	24	62		
	Total.	8	194	51.9	.241	7	5	7	4	19	15	9	11	11	20	24	62		
Pa.....	Piece....	8	49	54.3	.148	5	3	2	3	5	4	2	11	7	4	2	1		
	Time....	19	677	55.7	.204	43	20	30	25	33	23	27	56	66	124	126	104		
	Total.	19	726	55.6	.200	48	23	32	28	38	27	29	67	73	128	128	105		
All States....	Piece....	23	236	54.4	.172	11	11	4	7	26	32	24	32	16	25	39	9		
	Time....	61	1,955	55.3	.217	56	49	59	63	140	95	119	141	178	357	315	383		
	Total.	61	2,191	55.2	.212	67	60	63	70	166	127	143	173	194	382	354	392		

TABLE V.—AVERAGE FULL-TIME HOURS PER WEEK, AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

OTHER EMPLOYEES: Female.

State.	Pieceworkers or time-workers.	No. of establishments.	No. of employees.	Average full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
						Under 7 cts.	7 and under 8 cts.	8 and under 9 cts.	9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 cts. and over.		
Conn.....	Piece.....	4	169	55.0	\$0.151	....	1	2	5	20	56	33	17	16	15	4	....		
	Time.....	4	67	55.0	.159	....	....	....	3	7	9	22	13	2	7	3	1		
	Total.	5	236	55.0	.153	....	1	2	8	27	65	55	30	18	22	7	1		
Mass.....	Piece.....	2	71	54.0	.132	1	3	7	2	11	17	12	17	....	....	1	....		
	Time.....	2	133	53.9	.170	....	....	....	....	6	35	5	26	27	32	2	....		
	Total.	2	204	54.0	.157	1	3	7	2	17	52	17	43	27	32	3	....		
N. J.....	Piece.....	5	49	55.0	.169	2	....	....	4	7	2	3	8	8	14	1	....		
	Time.....	20	434	54.6	.128	10	23	15	44	105	93	70	39	7	19	6	3		
	Total.	21	483	54.6	.132	12	23	15	48	112	95	73	47	15	33	7	3		
N. Y.....	Piece.....	3	10	52.7	.090	5	1	....	1	....	1	1	1	....	....	....	....		
	Time.....	7	390	50.1	.129	17	46	73	56	50	32	24	18	22	29	10	13		
	Total.	3	400	50.2	.128	22	47	73	57	50	33	25	19	22	29	10	13		
Pa.....	Piece.....	11	113	54.0	.115	29	5	8	17	11	13	6	4	5	14	1	....		
	Time.....	16	424	54.0	.119	66	62	25	19	71	62	28	32	18	33	8	....		
	Total.	16	537	54.0	.118	95	67	33	36	82	75	34	36	23	47	9	....		
All States....	Piece.....	25	412	54.5	.138	37	10	17	29	49	89	55	47	29	43	7	....		
	Time.....	49	1,448	53.2	.131	93	131	113	122	239	231	149	128	76	120	29	17		
	Total.	52	1,860	53.5	.132	130	141	130	151	288	320	204	175	105	163	36	17		

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914.

[This table includes data secured for 1914 only, whether or not comparable data for 1913 were available, but does not include eight establishments having weekly pay rolls.]

DOUBLERS, SILK THROWING: Female.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time).
New Jersey.....	Time....	5	73	110.0	73.1	2	15	20	20	16	.....
Pennsylvania.....	Piece....	2	20	108.0	72.6	.....	3	17	.....	.....	.....
	Time....	6	194	108.0	77.6	1	23	55	114	1	.....
	Total.....	6	214	108.0	77.1	1	26	72	114	1	.....
All States.....	Piece....	2	20	108.0	72.6	.....	3	17	.....	.....	.....
	Time....	11	267	108.5	76.4	3	38	75	134	17	.....
	Total.....	11	287	108.5	76.1	3	41	92	134	17	.....

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	1	41	103.5	57.0	5	9	17	10	.....	.....
New Jersey.....	do.....	4	1,670	111.0	100.5	15	15	202	954	173	311
Pennsylvania.....	Piece....	1	33	120.0	100.4	.....	2	1	30	.....	.....
	Time....	4	1,158	114.3	96.6	22	73	198	647	108	110
	Total.....	4	1,191	114.5	96.7	22	75	199	677	108	110
All States.....	Piece....	1	33	120.0	100.4	.....	2	1	30	.....	.....
	Time....	9	2,869	112.2	98.3	42	97	417	1,611	281	421
	Total.....	9	2,902	112.3	98.3	42	99	418	1,641	281	421

LOOM FIXERS: Male.

Connecticut.....	Time....	2	13	110.0	102.7	.....	.....	7	6	.....	.....
New Jersey.....	do.....	20	111	109.8	96.3	1	.....	6	71	27	6
New York.....	do.....	4	29	104.6	90.0	1	.....	11	11	11	6
Pennsylvania.....	do.....	13	143	108.4	94.2	4	1	26	39	63	10
	Total.....	39	296	108.6	97.3	6	1	43	117	107	22

PICKERS, CLOTH: Female.

Connecticut.....	Piece....	2	20	110.0	69.9	3	.....	11	6	.....	.....
	Time....	2	4	110.0	90.5	.....	.....	.....	4	.....	.....
	Total.....	2	24	110.0	73.3	3	.....	11	10	.....	.....
New Jersey.....	Piece....	5	97	110.0	77.9	3	17	33	43	1	.....
	Time....	12	118	108.9	89.6	3	4	18	63	30	.....
	Total.....	17	215	109.4	84.3	6	21	51	106	31	.....
New York.....	Piece....	3	46	105.3	76.4	.....	4	24	18	.....	.....
	Time....	1	3	108.0	111.3	.....	.....	.....	.....	1	2
	Total.....	3	49	105.4	78.6	.....	4	24	18	1	2
Pennsylvania.....	Piece....	10	266	108.0	88.1	1	6	82	142	35	.....
	Time....	6	75	108.0	71.7	1	21	18	28	7	.....
	Total.....	12	341	108.0	85.0	2	27	100	170	42	.....
Other States.....	Piece....	1	127	108.0	51.9	.....	81	46	.....	.....	.....
All States.....	Piece....	21	556	108.2	76.4	7	108	196	209	36	.....
	Time....	21	200	108.6	84.1	4	25	36	95	38	2
	Total.....	42	756	108.3	78.5	11	133	232	304	74	2

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

QUILLERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					Over 100 per cent (over-time).
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	
Connecticut.....	Piece....	1	2	110.0	99.5	.....	.....	.....	2	.....	.....
	Time....	2	20	110.0	83.1	4	.....	.....	7	9	.....
	Total.	2	22	110.0	84.6	4	.....	.....	9	9	.....
New Jersey.....	Time....	20	295	107.9	88.5	7	8	71	171	37	1
New York.....	do.....	4	64	103.0	86.4	.....	.....	26	14	24	.....
Pennsylvania.....	Piece....	4	90	108.0	87.5	2	7	16	39	26	.....
	Time....	12	250	108.0	78.2	6	50	70	83	41	.....
	Total.	13	340	108.0	80.7	8	57	86	122	67	.....
Other States.....	Piece....	1	115	108.0	52.7	6	23	86	.....	.....	.....
All States.....	Piece....	6	207	108.0	68.3	8	30	102	41	26	.....
	Time....	38	629	107.5	84.1	17	58	167	275	111	1
	Total.	40	836	107.6	80.1	25	88	269	316	137	1

REELERS: Male.

Pennsylvania.....	Piece....	4	42	108.6	68.1	1	8	31	2	.....	.....
	Time....	3	36	108.0	61.6	.....	10	21	4	.....	.....
	Total.	6	78	108.3	65.1	2	18	52	6	.....	.....
Other States.....	Piece....	4	17	109.6	86.8	.....	3	1	11	2	.....
	Time....	4	22	110.0	90.3	.....	.....	8	12	.....	2
	Total.	6	39	109.8	88.8	.....	3	9	23	2	2
All States.....	Piece....	8	59	108.9	73.5	1	11	32	13	2	.....
	Time....	7	58	108.8	72.5	1	10	29	16	.....	2
	Total.	12	117	108.8	73.0	2	21	61	29	2	2

REELERS: Female.

Pennsylvania.....	Piece....	2	11	108.0	55.5	1	5	5	.....	.....	.....
	Time....	3	85	108.0	73.8	1	5	60	19	.....	.....
	Total.	3	96	108.0	71.7	2	10	65	19	.....	.....
Other States.....	Piece....	2	10	108.8	93.6	.....	.....	2	5	3	.....
All States.....	Piece....	4	21	108.4	73.6	1	5	7	5	3	.....
	Time....	3	85	108.0	73.8	1	5	60	19	.....	.....
	Total.	5	106	108.1	73.7	2	10	67	24	3	.....

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

SPINNERS: Male.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent. (overtime).
New Jersey.....	Time....	4	35	110.0	78.6	4	5	11	4	.....	11
Pennsylvania.....	Piece....	3	52	109.4	73.7	1	2	47	2	.....	.....
	Time....	6	116	108.1	70.6	.....	6	106	2	2	.....
	Total....	7	168	108.5	71.6	1	8	153	4	2	.....
Other States.....	Piece....	1	1	108.0	108.0	.....	.....	.....	.....	1	.....
	Time....	1	19	120.0	90.8	2	2	3	8	2	2
	Total....	1	20	119.4	91.6	2	2	3	8	3	2
All States.....	Piece....	4	53	109.4	74.4	1	2	47	2	1	.....
	Time....	11	170	109.8	74.5	6	13	120	14	4	13
	Total....	12	223	109.7	74.5	7	15	167	16	5	13

SPINNERS: Female.

Pennsylvania.....	Piece....	2	40	108.0	77.1	.....	1	36	3	.....	.....
	Time....	4	142	108.0	69.7	.....	14	119	9	.....	.....
	Total....	5	182	108.0	71.3	.....	15	155	12	.....	.....
Other States.....	Piece....	2	23	108.3	100.2	.....	.....	3	5	15	4
	Time....	1	4	110.0	110.0	.....	.....	.....	.....	.....	.....
	Total....	2	27	108.6	101.7	.....	.....	3	5	19	.....
All States.....	Piece....	4	63	108.1	85.6	.....	1	39	8	15	.....
	Time....	5	146	108.1	70.8	.....	14	119	9	4	.....
	Total....	7	209	108.1	80.0	.....	15	158	17	19	.....

TWISTERS-IN: Male.

New Jersey.....	Piece....	7	29	110.0	76.8	2	6	4	17	.....	.....
	Time....	13	90	109.9	92.7	.....	2	15	55	18	.....
	Total....	18	119	109.9	88.8	2	8	19	72	18	.....
Pennsylvania.....	Piece....	8	56	108.6	77.8	5	5	22	5	15	4
	Time....	9	48	108.1	99.0	1	.....	4	19	14	10
	Total....	12	104	108.4	87.5	6	5	26	24	29	14
Other States.....	Piece....	4	61	108.3	65.8	.....	6	44	7	.....	4
	Time....	4	18	108.1	79.8	1	.....	12	1	1	3
	Total....	6	79	108.3	69.0	1	6	56	8	1	7
All States.....	Piece....	19	146	108.8	72.6	7	17	70	29	15	8
	Time....	26	156	109.1	93.1	2	2	31	75	33	13
	Total....	36	302	109.0	83.2	9	19	101	104	48	21

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

TWISTERS-IN: Female.

State.	Piece- workers or time- workers.	Num- ber of estab- lish- ments.	Num- ber of em- ployees.	Aver- age full- time hours per two weeks.	Aver- age hours actually worked per em- ployee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Un- der 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over- time).
Pennsylvania.....	Piece....	4	39	108.0	86.6	.....	2	10	17	10	.....
	Time....	2	5	108.0	99.0	.....	.....	.....	5	.....	.....
	Total.	6	44	108.0	88.0	.....	2	10	22	10	.....
Other States.....	Piece....	3	8	110.0	58.4	1	4	.....	3	.....	.....
	Time....	3	18	100.0	86.2	1	.....	4	2	11	.....
	Total.	6	26	103.1	77.6	2	4	4	5	11	.....
All States.....	Piece....	7	47	108.3	81.8	1	6	10	20	10	.....
	Time....	5	23	101.7	88.9	1	.....	4	7	11	.....
	Total.	12	70	106.2	84.2	2	6	14	27	21	.....

WARPERS: Male.

All States.....	Piece....	7	93	109.6	85.8	2	2	45	24	20	.....
	Time....	13	71	109.5	83.0	2	4	28	23	14	.....
	Total.	19	104	109.5	84.6	4	6	73	47	34	.....

WARPERS: Female.

Connecticut.....	Piece....	2	31	110.0	91.6	.....	1	7	21	2	.....
New Jersey.....	Piece....	4	91	110.0	64.6	5	32	26	20	8	.....
	Time....	14	208	109.9	96.2	2	3	19	126	58	.....
	Total.	14	299	109.9	86.6	7	35	45	146	66	.....
New York.....	Piece....	3	73	101.5	86.2	.....	7	13	4	49	.....
	Time....	2	5	108.0	50.8	1	3	1	.....	.....	.....
	Total.	3	78	101.9	83.9	1	10	14	4	49	.....
Pennsylvania.....	Piece....	11	358	108.0	82.1	6	40	95	143	74	.....
	Time....	5	90	108.0	76.2	2	15	37	31	5	.....
	Total.	13	448	108.0	80.9	8	55	132	174	79	.....
Other States.....	Piece....	1	99	108.0	52.2	5	28	66	.....	.....	.....
All States.....	Piece....	21	652	107.6	76.0	16	108	207	188	133	.....
	Time....	21	303	109.3	89.5	5	21	57	157	63	.....
	Total.	33	955	108.1	80.3	21	129	264	345	196	.....

WEAVERS, BROAD SILK: Male.

Connecticut.....	Piece...	2	175	110.0	100.2	2	1	18	57	97	.....
Pennsylvania.....	do	2	291	108.0	73.0	2	24	178	15	72	.....
New Jersey.....	do	12	781	109.7	90.5	11	22	126	556	66	.....
New York.....	do	5	190	108.3	83.8	2	7	80	48	53	.....
Pennsylvania.....	do	10	579	108.1	97.5	5	8	97	196	273	.....
	Total.	31	2,016	108.9	90.6	22	62	409	872	561	.....

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WEAVERS, BROAD SILK: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (overtime).
Connecticut.....	Piece....	2	92	110.0	93.0	4	3	6	44	35	.....
Massachusetts.....	do.....	2	651	108.0	62.5	.....	60	552	7	32	.....
New Jersey.....	do.....	12	351	109.9	87.7	8	21	88	218	16	.....
New York.....	do.....	5	154	108.0	79.4	3	5	97	22	27	.....
Pennsylvania.....	do.....	10	1,455	108.0	92.2	10	17	427	702	299	.....
	Total.	31	2,703	108.3	83.7	25	106	1,170	993	409	.....

WEAVERS, RIBBON: Male.

New Jersey.....	Piece....	3	284	110.0	78.8	5	16	160	103	.....	.....
	Time....	5	167	110.0	86.3	7	3	28	117	12	.....
	Total.	7	451	110.0	81.6	12	19	188	220	12	.....
New York.....	Piece....	1	164	99.0	96.4	1	.....	2	32	129	.....
Pennsylvania.....	Piece....	7	247	110.4	70.5	11	24	143	49	20	.....
	Time....	2	6	111.8	45.1	3	.....	2	1	.....	.....
	Total.	7	253	110.5	69.9	14	24	145	50	20	.....
All States.....	Piece....	11	695	107.6	80.0	17	40	305	184	149	.....
	Time....	7	173	110.1	84.9	10	3	30	118	12	.....
	Total.	15	868	108.1	81.0	27	43	335	302	161	.....

WEAVERS, RIBBON: Female.

New Jersey.....	Piece....	1	12	110.0	66.3	.....	1	11	.....	.....	.....
	Time....	6	664	110.0	94.7	15	25	129	219	276	.....
	Total.	7	676	110.0	94.2	15	26	140	219	276	.....
Pennsylvania.....	Piece....	7	180	108.0	78.2	4	15	94	24	43	.....
	Time....	2	9	108.0	27.3	7	1	.....	.....	1	.....
	Total.	7	189	108.0	75.7	11	16	94	24	44	.....
All States.....	Piece....	8	192	108.1	77.4	4	16	105	24	43	.....
	Time....	8	673	110.0	93.8	22	26	129	219	277	.....
	Total.	14	865	109.6	90.2	26	42	234	243	320	.....

WINDERS, HARD SILK: Female.

New Jersey.....	Time....	5	109	110.0	80.1	2	21	32	49	5	.....
Pennsylvania.....	Piece....	4	193	108.0	83.7	1	14	84	33	61	.....
	Time....	6	297	108.0	71.0	2	18	270	6	1	.....
	Total.	8	490	108.0	76.0	3	32	354	39	62	.....
Other States.....	Piece....	1	29	108.0	99.4	.....	.....	2	10	17	.....
All States.....	Piece....	5	222	108.0	85.7	1	14	86	43	78	.....
	Time....	11	406	108.5	73.4	4	39	302	55	6	.....
	Total.	14	628	108.3	77.8	5	53	388	98	84	.....

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Continued.

WINDERS, SOFT SILK: Female.

State.	Piece- workers or time- workers.	Num- ber of estab- lish- ments.	Num- ber of em- ployees.	Aver- age full- time hours per two weeks.	Aver- age hours actually worked per em- ployee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Un- der 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent. (over- time).
Connecticut.....	Piece....	1	29	110.0	72.9	1	1	22	5	.....	.....
	Time....	2	12	110.0	84.9	.....	.....	4	7	1	.....
	Total.	2	41	110.0	76.4	1	1	26	12	1	.....
New Jersey.....	Piece....	7	141	110.0	89.3	.....	10	22	91	18	.....
	Time....	16	234	109.9	86.2	6	14	60	113	41	.....
	Total.	20	375	109.9	87.4	6	24	82	204	59	.....
New York.....	Piece....	2	29	108.0	50.3	2	15	12	.....	.....	.....
	Time....	4	63	102.9	79.8	2	10	14	13	24	.....
	Total.	5	92	104.5	70.5	4	25	26	13	24	.....
Pennsylvania.....	Piece....	9	237	108.0	66.2	11	31	173	22	.....	.....
	Time....	9	253	108.0	88.2	7	16	59	69	107	.....
	Total.	12	495	108.0	77.7	18	47	232	91	107	.....
All States.....	Piece....	19	436	108.8	73.0	14	57	229	118	18	.....
	Time....	31	567	108.2	86.4	15	40	137	202	173	.....
	Total.	39	1,003	108.5	80.6	29	97	366	320	191	.....

OTHER EMPLOYEES: Male.

Connecticut.....	Piece....	2	10	110.0	77.2	1	2	2	2	3	.....
	Time....	2	59	115.9	97.1	3	1	10	7	35	8
	Total.	2	69	115.0	94.2	4	3	12	9	38	8
New Jersey.....	Piece....	6	16	109.4	85.7	1	1	4	4	6	.....
	Time....	26	687	111.6	100.6	13	20	105	208	210	131
	Total.	26	703	111.6	100.2	14	21	109	212	216	131
New York.....	Piece....	3	24	102.8	94.8	.....	.....	6	1	17	.....
	Time....	5	140	103.1	93.8	5	4	13	13	92	13
	Total.	5	164	103.0	93.9	5	4	19	14	109	13
Pennsylvania.....	Piece....	8	49	108.6	85.6	.....	3	24	13	4	5
	Time....	17	660	111.3	99.0	13	43	94	169	204	137
	Total.	17	709	111.1	98.1	13	46	118	182	208	142
All States.....	Piece....	19	99	107.4	87.0	2	6	36	20	30	5
	Time....	50	1,546	110.9	99.1	34	68	222	397	541	284
	Total.	50	1,645	110.7	98.4	36	74	258	417	571	289

TABLE VI.—AVERAGE FULL-TIME HOURS, AVERAGE HOURS ACTUALLY WORKED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN TWO WEEKS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1914—Concluded.

OTHER EMPLOYEES: Female.

State.	Piece-workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per two weeks.	Average hours actually worked per employee in two weeks.	Number of employees working each classified per cent of full time in two weeks.					
						Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent (over-time).
Connecticut.....	Piece....	2	43	110.0	74.0	2	4	20	16	1	.....
	Time....	1	13	110.0	84.5	.....	2	1	6	4	.....
	Total.	2	56	110.0	76.4	2	6	21	22	5	.....
New Jersey.....	Piece....	5	49	110.0	74.2	2	16	5	14	12	.....
	Time....	20	434	109.1	84.4	9	30	130	192	62	 11
	Total.	21	483	109.2	83.4	11	46	135	206	74	 11
New York.....	Piece....	2	8	104.6	75.8	1	.....	3	1	3	.....
	Time....	4	200	100.9	92.7	.....	4	20	65	107	 4
	Total.	4	208	101.1	92.1	1	4	23	66	110	 4
Pennsylvania.....	Piece....	10	105	108.0	75.5	5	9	44	44	3	.....
	Time....	15	406	108.0	78.9	14	50	145	115	79	 3
	Total.	15	511	108.0	78.2	19	59	189	159	82	 3
All States.....	Piece....	19	205	108.8	74.9	10	29	72	75	19	.....
	Time....	40	1,053	107.1	83.9	23	86	296	378	252	 18
	Total.	42	1,258	107.4	82.4	33	115	368	453	271	 18