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WAGES AND HOURS OF LABOR IN THE LUMBER  
MILLWORK, AND FURNITURE INDUSTRIES

1890 TO 1912



AUGUST 14, 1913

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U. S. BUREAU OF LABOR STATISTICS  
WAGE AND HOUR DIVISION  
WAGE AND HOUR OF LABOR IN LUMBER MANUFACTURING  
DURING 1900 TO 1913

The field work in connection with the report on lumber manufacturing and on mill work was done by William B. Pettit, John M. Foster, and Charles W. Ellis, and that in connection with the report on furniture manufacturing was done under the immediate charge of Charles A. Bell. The reports were prepared and the field work directed by Fred C. Croxton.

The following table gives the number of hours worked per week in the lumber and mill industries in 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, and 1913, and the number of hours worked per week in the furniture manufacturing industry in 1907, 1908, 1909, 1910, 1911, 1912, and 1913.

Number of hours worked per week in lumber and mill industries in 1900.....	1681 hours per week
Number of hours worked per week in lumber and mill industries in 1901.....	1681 hours per week
Number of hours worked per week in lumber and mill industries in 1902.....	1681 hours per week
Number of hours worked per week in lumber and mill industries in 1903.....	1681 hours per week
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Number of hours worked per week in lumber and mill industries in 1913.....	1681 hours per week

Depending upon the character of the work, the number of hours worked per week in the lumber and mill industries in 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, and 1913, was as follows: 1681 hours per week in 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, and 1681 hours per week in 1913.

## BULLETIN OF THE

# U. S. BUREAU OF LABOR STATISTICS.

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## WAGES AND HOURS OF LABOR IN LUMBER MANUFACTURING, MILL WORK, AND FURNITURE MANUFACTURING, 1890 TO 1912.

### LUMBER MANUFACTURING.

#### GENERAL SUMMARY.

This study of wages and hours of labor in lumber manufacturing shows rates of wages per hour and nominal full-time hours per week for the years 1907 to 1912, inclusive, and in addition it summarizes data published in previous reports<sup>1</sup> of the Bureau of Labor Statistics and thus furnishes a comparison for the 23-year period, 1890 to 1912, inclusive.

This present report and also previous reports show wages and hours of labor for each of the most important occupations in the lumber mills, but do not show data for all occupations in the industry. The occupations for which data are shown in this report are doggers, edgermen, laborers, planer feeders, band sawyers, circular sawyers, gang sawyers, resawyers, setters, and trimmer operators, and these 10 occupations include more than three-fifths of the total employees.

Comparing 1912 with certain other years the changes in nominal full-time hours per week, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	3.8 per cent decline.
1912 compared with 1895.....	3.3 per cent decline.
1912 compared with 1900.....	2.9 per cent decline.
1912 compared with 1905.....	1.0 per cent decline.
1912 compared with 1910.....	1 per cent increase.

<sup>1</sup> Previous reports of wages and hours of labor in the lumber manufacturing industry 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; and Bulletin No. 77 (July, 1908), covering 1906 and 1907.

The changes in nominal full-time hours per week for each of the principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF CHANGE IN NOMINAL FULL-TIME HOURS PER WEEK, 1912, COMPARED WITH EACH OF THE FIVE YEARS PRECEDING.

Occupation.	Per cent higher (+) or lower (-) in 1912 than in—				
	1907	1908	1909	1910	1911
Doggers.....	(1)	(1)	(1)	(1)	-0.2
Edgermen.....	-0.4	-0.4	-0.4	-0.2	-.2
Laborers.....	+.2	(2)	(2)	+.2	+.2
Planer feeders.....	(3)	(3)	(3)	(3)	-.3
Sawyers, band.....	-.4	-.4	-.4	-.2	(2)
Sawyers, circular.....	+.2	+.2	+.2	+.2	(2)
Sawyers, gang.....	+.3	+.3	+.3	+.3	(2)
Sawyers, resaw.....	(3)	(3)	(3)	(3)	(2)
Setters.....	(1)	(1)	(1)	(1)	-.2
Trimmer operators.....	(2)	(2)	(2)	(2)	(2)
Total.....	+.2	(2)	+.1	+.1	+.1

<sup>1</sup> Not shown as a separate occupation.

<sup>2</sup> No change.

<sup>3</sup> No data.

Comparing 1912 with certain other years the changes in rates of wages per hour, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	29.0 per cent advance.
1912 compared with 1895.....	35.6 per cent advance.
1912 compared with 1900.....	24.8 per cent advance.
1912 compared with 1905.....	13.1 per cent advance.
1912 compared with 1910.....	1.2 per cent advance.

The changes in rates of wages per hour for each of the principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF CHANGE IN RATES OF WAGES PER HOUR: 1912 COMPARED WITH EACH OF THE 5 YEARS PRECEDING.

Occupation.	Per cent higher (+) or lower (-) in 1912 than in—				
	1907	1908	1909	1910	1911
Doggers.....	(1)	(1)	(1)	(1)	+0.7
Edgermen.....	+6.0	+9.3	+8.3	+1.5	+.1
Laborers.....	+1.7	+11.7	+8.9	+1.5	+1.2
Planer feeders.....	(2)	(2)	(2)	(2)	+3.2
Sawyers, band.....	+4.4	+6.4	+4.5	+2.1	+.2
Sawyers, circular.....	+2.4	+7.5	+6.1	+1.3	+1.1
Sawyers, gang.....	-5.2	+.3	-.6	-2.8	-.1
Sawyers, resaw.....	(2)	(2)	(2)	(2)	+1.6
Setters.....	(1)	(1)	(1)	(1)	+.5
Trimmer operators.....	-3.3	+2.2	+1.6	+1.7	+.6
Total.....	+1.5	+10.8	+8.1	+1.2	+1.2

<sup>1</sup> Not shown as a separate occupation.

<sup>2</sup> No data.

Rates of wages per hour were higher in 1907 than in 1912 for trimmer operators, and higher in 1907, 1909, 1910, and 1911 than in 1912 for gang sawyers.

The next table shows for the industry the course of nominal full-time hours per week and the rates of wages per hour during the 23-year period from 1890 to 1912. The occupations combined for 1890 to 1907 were cant setters, gang; carriage men; choppers and sawyers in woods; edgermen; filers; laborers; band sawyers; circular sawyers; gang sawyers; and trimmers. For 1907 to 1911 all occupations were continued excepting cant setters, gang, which were combined with laborers, and choppers and sawyers in woods and filers, which were discontinued. For 1911 and 1912 the occupations are doggers, edgermen, laborers, planer feeders, band sawyers, circular sawyers, gang sawyers, resawyers, setters, and trimmer operators. Doggers and setters had previously been shown combined as carriage men. While the nomenclature of the occupations has changed somewhat, yet no type of employees included during the earlier period has been dropped with the exception of choppers and sawyers in woods and filers.

In combining the relatives for the principal occupations to determine the relative for the industry shown in the table which follows, the relatives for each occupation were weighted according to the number of employees reported each year. This weighting causes the figures for 1890 to 1907 to differ slightly from those shown for the industry in Bulletin No. 77 (July, 1908), where the relative for the industry was a simple average of occupation relatives. Under these two methods the difference in relative hours does not exceed 0.5 per cent in any of the 18 years, and the difference in relative wages does not exceed 2 per cent in 15 of the 18 years, the greatest difference being 2.4 per cent. The base used in computing the relatives in this table is the average for the 10-year period 1890 to 1899.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN LUMBER MANUFACTURING, 1890 TO 1912.

[Data are included from 56 establishments, 1890-1903; 49 establishments, 1903, 1904; 69 establishments, 1904, 1905; 68 establishments, 1905, 1906; 75 establishments, 1906, 1907; 40 establishments, 1907-1910; 245 establishments, 1910, 1911; and 301 establishments, 1911, 1912.]

Year.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899.....	100.0	100.0
1890.....	100.4	101.9
1891.....	100.2	101.4
1892.....	100.2	101.5
1893.....	100.0	99.9
1894.....	100.0	96.7
1895.....	99.9	97.0
1896.....	100.1	97.4
1897.....	99.9	97.7
1898.....	99.6	101.5
1899.....	99.8	104.5
1900.....	99.5	105.4
1901.....	99.3	108.6
1902.....	98.7	112.1
1903.....	98.3	114.2
1904.....	97.8	112.3
1905.....	97.6	116.3
1906.....	96.6	124.4
1907.....	96.4	129.6
1908.....	96.6	118.7
1909.....	96.5	121.6
1910.....	96.5	130.0
1911.....	96.5	129.9
1912.....	96.6	131.5

Rates of wages per hour made a decided decline, 8.4 per cent, following 1907, and not until 1910 did they again reach the level of 1907.

The table which follows shows, for each of the principal occupations in the industry, relative nominal full-time hours per week and relative rates of wages per hour during the 23-year period 1890 to 1912. As already indicated certain changes have been made in nomenclature of occupations; thus beginning with 1907, cant setters, gang, are shown with laborers, and beginning with 1911, employees previously reported as carriage men are separated and shown as doggers or setters. The base used in computing the relatives for each occupation, except as noted, is the average of the 10-year period 1890 to 1899.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN LUMBER MANUFACTURING, 1890 TO 1912.

[Data are included from 56 establishments, 1890-1903; 49 establishments, 1903, 1904; 69 establishments, 1904, 1905; 68 establishments, 1905, 1906; 75 establishments, 1906, 1907; 40 establishments, 1907-1910; 245 establishments, 1910, 1911; and 301 establishments, 1911, 1912.]

Year.	Carriagemen, <sup>1</sup> male.		Doggers, <sup>2</sup> male.		Setters, <sup>2</sup> male.		Choppers and sawyers in woods, male.		Edgermen, <sup>3</sup> male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899	100.0	100.0					100.0	100.0	100.0	100.0
1890	100.4	102.2					100.4	98.6	100.8	104.8
1891	100.2	101.7					100.4	97.8	100.3	104.9
1892	100.2	102.1					100.0	99.3	100.3	106.1
1893	99.6	101.1					99.9	95.9	99.3	104.4
1894	99.5	98.1					99.9	94.7	99.3	97.7
1895	100.1	96.6					99.8	98.5	100.4	94.6
1896	100.1	97.7					100.0	98.3	100.3	97.6
1897	99.9	97.8					99.8	101.0	100.0	95.5
1898	100.0	99.4					99.6	106.5	99.8	96.2
1899	99.9	103.1					100.2	109.4	99.5	98.3
1900	99.6	104.2					100.0	109.5	99.2	102.9
1901	98.5	106.1					99.9	113.2	98.9	105.8
1902	98.1	111.1					100.0	115.7	98.4	105.9
1903	98.3	115.0					99.8	116.3	98.7	110.2
1904	98.0	117.3					99.4	109.9	98.2	110.5
1905	97.8	122.4					99.4	115.4	98.1	112.9
1906	96.8	128.6					99.3	120.8	97.1	117.3
1907	96.4	135.5					99.4	125.7	96.8	120.5
1908	96.6	128.7					(3)	(3)	96.8	116.8
1909	96.6	131.2							96.8	117.9
1910	96.4	136.2							96.6	125.8
1911	96.2	138.2	4 100.0	4 100.0	4 100.0	4 100.0			96.6	127.6
1912			4 99.8	4 100.7	4 99.8	4 100.5			96.4	127.7
to level on										
	Filers, male.		Cant setters, gang, <sup>5</sup> male.		Laborers, <sup>6</sup> male.		Planer feeders, male.		Sawyers, band, male.	
Average, 1890-1899	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1890	100.5	100.6	100.2	101.3	100.3	104.8			100.3	101.0
1891	100.2	101.2	100.2	101.4	100.1	104.4			99.9	101.9
1892	100.1	100.1	100.2	101.6	100.3	103.3			100.1	101.5
1893	99.5	102.0	100.2	101.5	100.1	102.8			100.2	102.5
1894	99.4	97.6	100.2	101.4	100.2	98.1			100.1	97.8
1895	100.2	96.4	100.2	99.6	100.0	95.6			100.0	99.8
1896	100.3	98.9	100.0	95.4	100.1	96.7			99.9	98.6
1897	100.1	98.8	100.0	95.4	100.0	94.8			99.9	99.5
1898	100.0	100.4	99.4	99.2	99.4	97.9			99.8	98.6
1899	99.9	104.1	99.4	103.4	99.5	101.2			99.9	101.0
1900	99.7	107.0	99.4	104.3	99.1	102.3			99.5	105.0
1901	99.5	108.2	99.4	104.7	98.8	105.8			99.5	107.7
1902	98.8	108.2	97.8	106.7	97.5	110.6			98.8	114.8
1903	98.4	112.8	95.8	113.1	96.8	113.1			98.7	122.0
1904	98.7	114.8	96.1	113.7	97.0	113.2			98.0	119.9
1905	98.6	117.8	96.1	116.6	96.9	116.6			97.9	123.7
1906	97.6	121.0	94.7	122.1	95.5	126.1			97.1	129.7
1907	97.2	127.1	94.7	126.6	7 95.2	7 131.6			96.8	133.0
1908	(3)	(3)			95.4	119.9			96.8	130.4
1909					95.4	123.0			96.8	132.8
1910					95.2	131.9			96.6	135.9
1911					95.2	132.3	4 100.0	4 100.0	96.4	138.5
1912					95.4	133.9	4 99.7	4 103.2	96.4	138.8

<sup>1</sup> Employees reported as carriagemen for 1890 to 1911 are reported as doggers or setters for subsequent years.

<sup>2</sup> The occupations doggers and setters include employees reported as carriagemen for 1890 to 1911.

<sup>3</sup> Discontinued.

<sup>4</sup> Data for 1890 to 1910 not available; computed with 1911=100.

<sup>5</sup> Employees reported in this occupation for 1890 to 1907 are reported as laborers for subsequent years.

<sup>6</sup> This occupation includes employees reported as cant setters, gang, for 1890 to 1907.

<sup>7</sup> Average of relatives of laborers and cant setters, gang, computed by weighting the relatives for each of those occupations according to the number of employees reported in 1907.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN LUMBER MANUFACTURING, 1890 to 1912—Concluded.

Year.	Sawyers, circular, male.		Sawyers, gang, male.		Sawyers, resaw, male.		Trimmer operators, male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899..	100.0	100.0	100.0	100.0	-----	-----	100.0	100.0
1890.....	101.0	104.9	100.0	97.7	-----	-----	100.4	113.7
1891.....	100.6	105.4	100.0	97.7	-----	-----	100.3	108.9
1892.....	100.8	102.8	100.0	98.5	-----	-----	100.1	106.1
1893.....	98.6	102.9	100.2	98.3	-----	-----	100.2	107.2
1894.....	98.6	101.2	100.2	93.5	-----	-----	100.1	97.2
1895.....	100.6	100.0	100.0	95.2	-----	-----	100.1	97.4
1896.....	100.5	99.5	100.0	95.5	-----	-----	99.9	90.5
1897.....	100.1	95.0	99.9	107.0	-----	-----	99.7	88.9
1898.....	99.7	94.9	99.9	106.7	-----	-----	99.7	94.5
1899.....	99.4	93.7	99.9	110.0	-----	-----	99.7	95.5
1900.....	98.6	96.3	99.5	113.6	-----	-----	99.7	98.9
1901.....	98.2	99.6	99.5	115.4	-----	-----	99.7	99.2
1902.....	96.9	103.5	98.8	119.3	-----	-----	99.7	96.2
1903.....	96.9	107.2	99.1	122.1	-----	-----	100.7	98.1
1904.....	97.8	113.9	98.7	120.1	-----	-----	99.8	104.4
1905.....	97.7	118.0	98.8	119.7	-----	-----	99.7	106.0
1906.....	97.0	128.0	97.2	124.4	-----	-----	98.9	109.7
1907.....	96.8	126.9	96.7	129.8	-----	-----	98.9	110.2
1908.....	96.8	120.8	96.7	122.6	-----	-----	98.9	104.3
1909.....	96.8	122.4	96.7	123.8	-----	-----	98.9	104.9
1910.....	96.8	128.2	96.7	126.6	-----	-----	98.9	104.8
1911.....	97.0	128.5	97.0	123.1	1 100.0	1 100.0	98.9	106.0
1912.....	97.0	129.9	97.0	123.0	1 100.0	1 101.6	98.9	106.6

<sup>1</sup> Data for 1890 to 1910 not available; computed with 1911=100.

In every occupation rates of wages declined following 1907, and in no occupation did they again reach the 1907 level until 1910. The decline was greatest for laborers, in which occupation rates of wages per hour were 8.9 per cent lower in 1908 than in 1907.

The most significant facts concerning nominal full-time working hours per week and rates of wages per hour in each of the principal occupations of the industry are shown for 1907 to 1912, or for such of those years as data are available, in the table which follows.

Owing to the difficulty in finding records for past years and also owing to the great amount of work involved, data for 1907 to 1909 were secured from only a limited number of establishments.

In order, however, to permit of a true comparison of data from year to year, information was secured from identical establishments for 1907 to 1910, and when the work was enlarged in 1911, data were secured for both 1910 and 1911 from the additional establishments, and when the work was again enlarged in 1912 data were secured for both 1911 and 1912 from the additional establishments. The data are for the pay-roll period ending nearest May 15 each year, or, if paid only once a month, for the May pay roll, except for a very few establishments where conditions in May were particularly abnormal.

## AVERAGE AND CLASSIFIED NOMINAL FULL-TIME WORKING HOURS PER WEEK AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH OF THE PRINCIPAL OCCUPATIONS IN LUMBER MANUFACTURING, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ployees.	Aver- age nom- inal full- time work- ing hours per week.	Per cent of employees whose nominal full-time working hours per week were—					Aver- age rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.			
				Under 60.	60.	Over 60 and under 66.	66.	Over 66.		Under 14 cents.	14 and under 18 cents.	18 and under 25 cents.	25 cents and over.
Doggers, male:													
273 establish- ments.	(1911	852	61.4	1.7	71.6	4.8	20.9	0.9	\$0.1791	23.6	30.7	38.2	7.5
	(1912	869	61.3	1.9	72.3	5.2	19.7	.9	.1803	19.9	33.3	39.6	7.1
Laborers, male:													
41 establish- ments.	(1907	4,097	60.5	3.3	86.5	5.4	3.6	1.3	.1827	15.5	33.8	45.3	5.4
	(1908	3,662	60.6	5.4	82.7	6.5	4.0	1.4	.1865	19.4	50.8	28.3	1.6
	(1909	3,910	60.5	4.7	83.8	6.2	3.9	1.3	.1708	16.8	45.5	36.0	1.8
	(1910	4,582	60.5	5.3	84.9	5.3	3.4	1.1	.1832	13.7	27.7	54.2	4.4
245 establish- ments.	(1910	20,327	61.3	2.9	73.8	4.9	17.7	.6	.1660	29.4	30.9	36.7	3.0
	(1911	19,256	61.3	2.5	73.6	5.4	17.9	.6	.1665	29.1	33.9	33.9	3.2
299 establish- ments.	(1911	26,784	61.4	1.4	73.1	6.5	18.2	.7	.1621	31.3	36.6	28.9	3.1
	(1912	25,506	61.5	1.5	71.9	6.6	19.0	1.0	.1641	31.2	37.0	27.7	4.3
Planer feeders, male:													
178 establish- ments.	(1911	1,156	61.3	1.7	75.3	5.5	17.4	-----	.1792	17.3	42.5	28.1	12.3
	(1912	1,165	61.1	.7	73.8	5.9	14.6	-----	.1849	14.2	39.7	33.1	12.9
Trimmer operators, male:													
37 establish- ments.	(1907	72	60.7	2.8	83.3	4.2	6.9	2.8	.2070	9.7	15.3	55.5	19.4
	(1908	68	60.7	3.0	82.4	4.4	7.4	2.9	.1959	10.3	29.4	41.2	19.1
	(1909	72	60.7	2.8	83.3	4.2	6.9	2.8	.1971	8.4	30.5	41.7	19.4
	(1910	74	60.7	2.8	82.4	5.4	6.8	2.7	.1969	8.1	20.3	48.7	23.0
223 establish- ments.	(1910	503	61.0	1.8	78.9	3.4	15.3	.6	.2089	11.3	18.1	46.0	24.7
	(1911	485	61.0	1.8	79.0	3.5	15.1	.6	.2113	11.0	18.5	43.7	26.8
294 establish- ments.	(1911	479	61.3	1.2	75.6	5.0	17.3	.8	.2092	11.0	20.1	41.9	26.9
	(1912	441	61.3	1.9	75.1	5.3	17.0	.9	.2104	10.4	20.9	42.8	25.8
Carriage men, male:													
41 establish- ments.	(1907	208	60.7	3.9	81.2	6.2	5.3	3.4	\$0.2184	30.7	32.7	29.8	6.7
	(1908	201	60.8	4.0	80.6	6.5	5.5	3.5	.2074	42.8	29.9	20.9	6.5
	(1909	195	60.8	4.6	79.5	6.7	5.6	3.6	.2115	36.4	32.3	24.1	7.2
	(1910	215	60.7	3.7	81.9	6.1	5.1	3.3	.2196	27.9	36.3	29.8	6.0
245 establish- ments.	(1910	1,327	61.4	2.2	72.9	4.7	19.7	.7	.2088	43.8	26.3	18.4	11.5
	(1911	1,298	61.3	2.2	73.9	4.8	18.4	.7	.2119	41.6	25.6	20.1	12.7
Edger men, male:													
41 establish- ments.	(1907	79	60.7	2.6	82.3	6.3	6.3	2.5	.2535	19.0	15.2	40.5	25.4
	(1908	78	60.7	3.9	80.8	6.4	6.4	2.6	.2457	20.6	20.5	42.3	16.7
	(1909	77	60.7	3.9	80.5	6.5	6.5	2.6	.2481	20.8	19.5	40.3	19.5
	(1910	84	60.7	3.6	82.1	6.0	6.0	2.4	.2647	16.8	16.7	35.7	31.0
245 establish- ments.	(1910	585	61.2	1.9	75.6	5.2	16.9	.5	.2553	16.1	19.5	37.1	27.2
	(1911	569	61.2	1.9	76.1	5.5	16.0	.5	.2589	14.5	18.8	36.6	30.3
299 establish- ments.	(1911	684	61.3	1.3	76.2	5.2	16.7	.6	.2599	14.0	18.9	37.6	29.4
	(1912	686	61.2	1.6	76.4	5.9	15.5	.6	.2601	14.0	18.1	38.5	29.4
Sawyers, resaw, male:													
98 establish- ments.	(1911	149	60.7	1.3	85.9	4.7	8.1	-----	.2515	14.8	28.9	30.2	26.2
Setters, male:													
301 establish- ments.	(1911	714	61.3	1.2	75.2	5.6	16.9	.8	.2506	15.8	22.4	34.2	27.6
	(1912	713	61.2	1.6	75.3	5.9	16.3	1.0	.2518	15.5	21.3	36.5	26.6

AVERAGE AND CLASSIFIED NOMINAL FULL-TIME WORKING HOURS PER WEEK AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH OF THE PRINCIPAL OCCUPATIONS IN LUMBER MANUFACTURING, 1907 TO 1912—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time working hours per week.	Per cent of employees whose nominal full-time working hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.			
				Under 60.	60.	Over 60 and under 66.	66.		Under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 cents and over.
Sawyers, gang, male:												
5 establishments.	(1907	6	60.0	100.0	.....			\$0.2708	.....	66.7	33.3	.....
	(1908	6	60.0	100.0	.....			.2558	33.3	50.0	16.7	.....
	(1909	6	60.0	100.0	.....			.2583	33.3	33.3	33.3	.....
	(1910	6	60.0	100.0	.....			.2642	16.7	50.0	33.3	.....
52 establishments.	(1910	64	61.4	75.0	4.7	20.3	.....	.3092	22.0	21.9	32.8	23.4
	(1911	60	61.6	71.7	5.0	23.3	.....	.3006	23.4	23.3	33.3	20.0
66 establishments.	(1911	74	61.6	71.6	2.7	25.7	.....	.3061	19.0	27.0	31.1	23.0
	(1912	75	61.6	70.7	4.0	25.3	.....	.3058	14.6	30.7	32.0	22.7
Sawyers, band, male:												
34 establishments.	(1907	71	60.8	2.8	84.5	5.6	7.0	\$0.4901	11.3	32.4	39.4	16.9
	(1908	69	60.8	2.8	85.5	4.3	7.2	.4807	14.5	29.0	40.6	15.9
	(1909	69	60.8	2.8	85.5	4.3	7.2	.4894	14.5	27.5	36.2	21.7
	(1910	75	60.7	2.8	86.3	4.1	6.8	.5007	12.3	28.8	34.2	24.7
203 establishments.	(1910	430	61.1	2.8	74.2	6.5	16.5	.5441	7.4	20.7	34.0	37.9
	(1911	433	61.0	2.8	74.8	6.7	15.7	.5545	7.2	19.2	32.3	41.3
243 establishments.	(1911	509	61.1	2.0	76.0	6.3	15.7	.5511	8.1	17.3	35.2	39.5
Sawyers, circular, male:												
12 establishments.	(1907	14	61.3	7.1	71.4	7.1	.....	.5448	7.1	21.4	42.9	28.6
	(1908	14	61.3	7.1	71.4	7.1	.....	.5186	7.1	35.7	28.6	28.6
	(1909	13	61.3	7.7	69.2	7.7	.....	.5254	7.7	30.8	38.5	23.1
	(1910	14	61.3	7.1	71.4	7.1	.....	.5501	.....	35.7	28.6	35.7
58 establishments.	(1910	81	61.9	1.2	66.7	2.5	25.9	.4964	11.1	32.1	39.5	17.3
	(1911	78	62.0	1.3	65.4	2.6	26.9	.4976	11.6	29.5	41.0	17.9
72 establishments.	(1911	95	62.5	1.1	56.8	4.2	34.7	.5036	11.6	28.4	42.1	17.9
	(1912	94	62.5	1.1	58.5	4.3	29.8	.5091	14.9	19.1	46.8	19.1

#### EXPLANATION OF SCOPE AND METHOD.

The industry covered in this report is the manufacture of lumber, including planing and kiln-drying when carried on directly in connection with the sawmill. During the earlier years of the 23-year period covered by this report, employees planing lumber in a few establishments engaged in planing lumber in connection with lumber mills were included in the "planing-mill products" or "millwork" industry; but during the later years of the period the Bureau has included such establishments under lumber manufacturing, as the planing is in most cases done immediately following and in connec-

tion with the sawing of lumber, and is therefore quite properly considered a part of the lumber industry.

The number of establishments for which data concerning rates of wages per hour and nominal full-time hours of work per week were secured has varied considerably during the 23-year period, as follows:

1890 to 1903 .....	56 identical establishments.
1903 and 1904 .....	49 identical establishments.
1904 and 1905 .....	69 identical establishments.
1905 and 1906 .....	68 identical establishments.
1906 and 1907 .....	75 identical establishments.
1907 to 1910 .....	40 identical establishments.
1910 and 1911 .....	245 identical establishments.
1911 and 1912 .....	301 identical establishments.

The data for 1907 to 1911 were secured in 1911, and the number of establishments included for the period 1907 to 1910 was small, owing to the difficulty in finding establishments which had preserved complete records for those years.

In order that data from year to year may be entirely comparable, it is necessary that information be secured from identical establishments; therefore when in 1912 the number of establishments was increased to 301 the Bureau also secured data for 1911 from all establishments added, thus providing for an exact comparison of the two years 1911 and 1912.

In selecting establishments from which to secure data the Bureau undertook to represent all States in which lumber manufacturing is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures, 1905. In selecting establishments in 1912 every State having 7,000 or more employees (with the exception of two having slightly less than 10,000) in the industry, according to the United States Census of Manufactures in 1905, are represented. The table which follows shows by States the number of employees in this industry, as given in the reports of the United States Census Office for 1910 and 1905; the total number on the pay roll in the establishments from which the Bureau secured data in 1912; and the number in the selected occupations and for whom data were secured in 1912. Data were secured from the pay roll ending nearest May 15, or if paid only once a month from the May pay roll, except for a very few establishments, where conditions in May were particularly abnormal.

The census figures for 1910 were not available at the time the work for 1911 and 1912 was planned, and therefore the establishments selected, as already stated, were distributed by States according to the census of 1905. The relative importance of the various States, as measured by the number of employees in this industry, changed materially during the five years from 1905 to 1910; thus Louisiana

was first in 1910 and fourth in 1905, Mississippi was third in 1910 and sixth in 1905, North Carolina was fifth in 1910 and twelfth in 1905, Virginia was sixth in 1910 and fifteenth in 1905, and Wisconsin was eighth in 1910 and first in 1905.

TOTAL NUMBER OF EMPLOYEES IN LUMBER MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FROM WHICH DATA WERE SECURED IN 1912.

State.	Number of employees reported by United States census.		Establishments furnishing information to the Bureau of Labor Statistics in 1912.		
	1910	1905	Number of establishments.	Number of employees—	
				On pay roll.	For whom data were secured.
Wisconsin.....	25,445	28,118	24	3,179	2,302
Washington.....	41,684	28,023	19	4,435	2,300
Michigan.....	27,325	27,460	25	3,044	2,188
Louisiana.....	43,996	26,353	21	5,270	2,848
Arkansas.....	31,404	22,298	19	5,035	2,576
Mississippi.....	32,106	21,233	15	3,440	1,894
Minnesota.....	16,650	17,213	8	2,325	1,583
Pennsylvania.....	15,707	16,674	14	1,205	768
Georgia.....	18,110	15,364	16	1,663	1,199
Tennessee.....	19,233	14,900	27	1,762	1,109
Alabama.....	20,949	14,682	13	2,502	1,568
North Carolina.....	30,534	14,491	17	2,265	1,527
Texas.....	21,519	13,332	12	3,080	1,640
California.....	15,614	13,181	14	2,343	1,518
Virginia.....	29,758	12,190	11	1,505	929
Maine.....	13,203	12,028	10	957	628
West Virginia.....	17,629	10,460	16	1,670	927
Florida.....	17,842	10,408	9	1,744	1,137
South Carolina.....	13,586	9,656	7	1,508	971
Oregon.....	13,460	7,284	4	890	577
Other States <sup>1</sup> .....	81,424	69,278	-----	-----	-----
United States.....	547,178	404,626	301	49,822	30,189

<sup>1</sup> Includes States having less than 11,000 each in 1910 and less than 10,000 each in 1905.

According to both the census of 1905 and the census of 1910 more than 80 per cent of the total number of employees in the industry are found in the 20 States in which the establishments furnishing information to the Bureau of Labor Statistics are located.

The number of employees in the establishments from which the Bureau secured 1912 data was equal to 9.1 per cent of the total in the industry in 1910, and the number for which the Bureau secured detailed information in 1912 was equal to 5.6 per cent of the total in the industry in 1910.

All information included in this report was secured from pay rolls of the various establishments by agents of the Bureau of Labor Statistics.

**GENERAL DESCRIPTION OF THE PRINCIPAL OCCUPATIONS.**

The lumber industry as treated in this report, during the later years of the 23-year period covered, begins with the work on the log pond and ends with the delivery of the finished product to the carrier for shipment. During the earlier years of the period choppers and sawyers employed in cutting timber in the woods were also included.

Considerable difference in equipment and method of operation exists in the various sections of the country, due in part to the size of the logs, the size of the plant, and also to some extent to the nature of the output; that is, whether largely boards, largely timbers, or a fair proportion of each.

The saw equipment of a sawmill consists of several or all of the following: Band saw, gang saw, resaw, edger, trimmer, and slasher. The band saw is a steel band or belt having a saw-tooth edge. This saw is operated over two large wheels, one above and the other below the saw deck. The circular saw is a large disk with the cutting teeth on the perimeter. The gang saw is a set of several straight saws set parallel in a frame, which frame operates up and down as the cant is propelled through it.

The band saw is much thinner than the circular and slightly thinner than the gang, and therefore makes less waste in sawdust and a correspondingly greater marketable output from a given log. Resaws are used to saw a board from a slab, to separate into halves the thicker boards, to standardize boards of odd size, to cut boards having a bad side to give a clear board, and to increase capacity.

The occupations for which data as to rates of wages and nominal hours of labor are compiled by the Bureau are as follows:

Carriage men (subdivided into doggers and setters in 1911, 1912).	Sawyers, band.
Edgermen.	Sawyers, circular.
Laborers.	Sawyers, gang.
Planer feeders.	Sawyers, resaw.
	Trimmer operators.

The description of the selected occupations follows.

**CARRIAGE MEN (SETTERS AND DOGGERS).**

The work on the carriage requires two or more men, who are known as setters and doggers. The work of the two occupations is entirely different and that of the setter is of a higher class and receives much better pay than that of the dogger. The usual carriage crew is composed of one setter and two doggers, but sometimes it is made up of two setters and one dogger. In the latter case the setters work alternate turns of one-fourth day each as setter and head dogger. When this method of work prevails, the pay of the setter is somewhat less than when he works steadily at the ratchet. The new man begins at dogging on the back end of the carriage, and the line of

promotion is from that to head dogger, thence to setter, and finally to that of sawyer.

The dogger secures the log in place by means of barbs or "dogs" located in the headblocks of the carriage. These "dogs" are operated through levers, by which a downward movement drives them into the log and secures it in place, while an upward movement releases it for turning, etc.

It is the duty of the setter to move the log into position for each successive line to be sawed. He does this by means of a ratchet connected with the headblocks by a shaft and cogs. The ratchet is turned by a lever and it has a graduated dial and indicator by which the setter determines when the log is in position for the desired cut. In some mills the setter moves the log by hand power with a lever connected with a ratchet as stated above, but in others the ratchet is moved by steam power, and in this case the setter controls the power by a short lever.

#### EDGERMEN.

The edger is a machine having adjustable saws, used to remove the rough edges from the boards and to reduce them to specified widths. The duties of the edgerman are to adjust the saws of the edger to cut the desired widths and to feed the boards into the machine. He inspects the boards to determine the width and adjusts the saws by means of levers.

#### LABORERS.

This occupation includes the following subdivisions:

##### In sawmill:

Cant setters.	Sawyer helpers, resaw.
Deck men.	Sizer men.
Dock men.	Slasher men.
Edger helpers.	Sorters.
Edger tailers.	Stackers, kiln, shed, yard.
Gang tailers.	Transfer men.
Pond men.	Trimmer loaders.
Resaw tailers.	Truckers, shed, yard.
Saw tailers.	Unstackers.

##### In planing mill:

Feeder helpers.	Setters, truck or dolly.
Loaders, buggy, dolly, truck, and railroad car.	Shed men.
Off-bearers or machine tailers.	Tiers or tiers-up.
	Truckers.

**CANT SETTERS.**—The work of the cant setter is that of placing the cants in position for the gang saw. A cant is a log from which two slabs have been sawed from two opposite sides. If the cants are made from small logs they may be piled one on top of another to a height that

will barely pass through the machine, and the cants are also placed side by side to make up the desired width. The logs are moved over rolls as a rule and the work is mainly done by hand with the aid of cant hooks and bars. A few plants have a power crane which is used in setting heavy cants.

**DECK MEN.**—The duties of the deck men are to keep the logs straight on the log deck and to roll them down for loading on the carriage. The deck inclines downward to the carriage in order that gravity may do a good deal of the work of rolling down, but irregularities in the logs make the work of the deck men necessary.

**DOCK MEN.**—Usually the men who handle the timbers going directly from the saw mill to the timber dock as well as those working on the dock and at loading are called dock men. It is not uncommon for the dock men to be known by different names suggested by the particular part of the work they do. The men who come immediately after the live rolls and are the first ones to handle timbers leaving the mill are sometimes called butting saw men. The men who move the timbers over the rolls from the sawmill to the yard are called roll men or roller men. Those working immediately on the dock may be called skid men and loaders.

**EDGER HELPERS.**—In large mills the edger man has one or more helpers whose duty it is to place the boards in such position on the edger table that the edgerman may readily inspect them and be able to adjust his machine without loss of time.

**EDGER TAILERS.**—These employees are stationed beside the live rolls behind the edger and removes the strips or edgings to the slasher conveyor. This conveyor runs beneath the edger roll table and at right angles to it, so the edgings are simply pulled off the side of the roll table and dropped on the conveyor.

**GANG TAILERS.**—The men who work behind the gang saw and take care of the product of that machine are called tailers. They pick out the shims, bark, and other material that becomes entangled or gets in the way, keep the boards in position if they tend to fall down, and, when the sawing is completed, transfer them to the edger. The work is all done by hand except the transferring, which is done by live rolls controlled by a lever.

**POND MEN.**—The men working on the pond propel the logs to the foot of the incline and start them on the chain which carries them up to the log deck in the mill. They stand on a board walk barely above the surface of the pond, on a small flatboat, or even on the floating logs themselves to do their work, and use a pike pole with which to propel the logs. Incidentally, these men raise the logs which may have sunk in the pond and carry them to the chain by supporting them on the surface of the water.

**RESAW TAILERS.**—This employee works behind the resaw, takes the waste material from the roll table and places it on the conveyor beneath. If a given slab is capable of yielding another board, it is placed on another conveyor which returns it to the front of the resaw.

**SAW TAILERS.**—The slabs, the boards, and the timbers must be removed promptly from the band and circular saws and the accomplishment of this work is the chief duty of the saw tailer. The actual removal of the material is achieved by "live rolls," but some of the material takes a diagonal position on the rolls as it falls from the saw, and the saw tailer must straighten this so that it will go straight over them. To do this, he uses a short-handled, sharp-pointed hook, with which he catches the rear end of the timber, board, or slab, and moves it toward or from him, as the case may be, so that it will run straight. Slabs do not run well over the rolls with the bark side down, so the saw tailer, using his hook, gives the slab a quick pull from the lower edge just as it is cut off and causes it to fall face down. The boards are transferred from the live rolls by this employee by means of two levers. The one lifts a stop on the roll table and bars the progress of the boards, while the other lifts a set of transfer chains which run across the live rolls and pick up the boards and deposit them in front of the edger. In some cases the saw tailer also removes the slabs from the live rolls to the slasher conveyor with the same kind of device used for transferring the boards to the edger. In other cases this work is done by the slasher man. A band mill has a guide through which the band saw runs to hold it steady and cause it to run true through the log. The position of this guide is immediately above the log and of course to meet this demand, the guide must be adjustable. It is the duty of the saw tailer to adjust this guide, which he does with a lever. This duty does not apply in the case of a circular saw, but every other duty of the tailer is the same in both types of mill.

**SAWYER HELPERS, RESAW.**—When conditions demand it, one helper or more assists the sawyer in placing the slabs in position on the resaw table.

**SIZER MEN.**—All of the employees under this occupation name are timber handlers. The timbers are carried from the sawmill over the dead rolls to the sizer, which reduces the timber to exact size, and thence to the ramps or timber dock.

**SLASHER MEN.**—The slabs and edgings are thrown on a conveyor and carried laterally through the slasher where they are cut into 4-foot lengths. An employee who attends this conveyor and keeps the material going smoothly is called a slasher man.

**SORTERS.**—These employees stand alongside the sorting chain or table, each one taking off a specified grade and placing it on the trucks or dollies.

**STACKERS, KILN.**—The stacking by hand for the kilns is done in the same manner as the yard stacking, but this work when done by machine or patent stacker, as it is frequently called, is quite a different work, yet it is not skilled labor. The power stacker is a chain transfer apparatus which stacks the boards automatically and requires a smaller number of employees to handle the output of a mill than is necessary to do the work by hand. The movements of the machine are controlled by a lever, and when one layer has been placed it is stopped, the strips laid, the machine started again and another layer placed; in this way the operation is repeated until a full car is stacked.

**STACKERS, SHED.**—The shed stackers take care of the storing of the kiln-dried lumber. They stack or pile the product in the shed, working in somewhat the same way as the stackers in the yard, except that no transverse strips are placed between successive layers of boards.

**STACKERS, YARD.**—This is the work of storing the lumber in the yard for air drying. The men work in pairs, one, standing on the stack which he is building, receives the boards from the other, who stands on the ground and passes the boards to him one by one. In piling the lumber transverse sticks are placed at intervals between the layers in order to permit the passage of air through the piles and thus expedite the drying. An occasional mill delivers the lumber to the yard on wagons, which dump the load in the driveway, and men remove this and stack or pile it against the stack upon which it is to be placed. This work is also called stacking.

**TRANSFER MEN.**—Between the live-roll tables and the trimmer is a chain transfer or conveyor which delivers the product in front of the trimmer and one man usually attends this for the purpose of disengaging entangled boards. He is sometimes called conveyor man.

Following the work of sorting, the lumber is sometimes handled on a transfer car, and employees handling this work are called transfer men. This work differs from that of the transfer man inside the mill. The transfer car runs on a track parallel to the sorting table and in a depression which brings the top of the car on a level with the floor upon which the trucks stand. These are on tracks running at right angles to the sorting table, and there are corresponding tracks across the top of the transfer car. Transfer men remove the trucks to the transfer car and by it carry them either to the desired track leading to the yard, or to some other place from which the trucks can be taken by team to the yard. There is also a similar track arrangement and transfer car between the sorting table or stacker and the kiln. The cars in both

these cases are usually moved by hand and the operators are called transfer men.

**TRIMMER LOADERS.**—The chain transfer which conveys the lumber to the trimmer ends at the front of the trimmer. Two men, called trimmer loaders, stand here on opposite sides of the conveyor and lift the lumber from the conveyor to the trimmer. They place it so that it will be drawn to the saws regularly and in position to be trimmed most economically.

Other employees are engaged behind the trimmer to keep the product running smoothly on the sorting chain and the waste going into the burner conveyor.

From the trimmer the product passes over a long sorting table, or sorting chain, as it is frequently called, and one or more laborers are usually employed on this to take care of entanglements and move short stock over to one side.

**TRUCKERS, SHED.**—Trucking to the shed is handwork and consists of moving the loaded trucks from the kilns to the dry shed.

**TRUCKERS, YARD.**—These employees move the loaded trucks from the sorting chain to the yard.

**UNSTACKERS.**—After the cars have been removed from the kilns, the unstackers remove the lumber from them to the trucks preparatory to carrying to the dry shed for storage or to the planing mill for further manufacture.

If the entire product of the mill goes through the kilns it may not be graded while green, but after being dried. In this case the unstackers place the lumber on the head end of a sorting chain or table and it is then graded and sorted in the same manner as at the green sorting chain behind the trimmer. In this way there may be graders and sorters at the kilns.

**FEEDER HELPERS.**—When heavy stock is being planed, the feeder has an assistant called a helper. He aids the feeder in placing the lumber in position for the machine. He incidentally learns the work of feeding and may succeed to that position.

**LOADERS, TRUCK OR DOLLY AND RAILROAD CAR.**—Lumber is placed on trucks or dollies for transportation about the plant and on railroad cars for shipment by men designated as loaders.

**OFF-BEARERS OR MACHINE TAILERS.**—If the machine is turning out material that does not require grading an employee called a tailer or off-bearer stands behind it and removes the product.

**SETTERS, TRUCK OR DOLLY.**—This work is that of the common laborer, and consists of removing the empty truck and placing the loaded one in position for the machine feeder.

**SHED MEN.**—Lumber which is not for immediate shipment is stored in a shed built for this purpose, and is stacked therein by men called shed men or shed stackers.

**TIERS OR TIERS-UP.**—Molding and light boards, such as ceiling and flooring, are tied in small bundles, and this work constitutes the duty of the tier. The grader places the material in racks in the desired quantity for a bundle and the tier secures the bundle with short pieces of tarred cord and places it on a dolly.

**TRUCKERS.**—The employees in this occupation move the loaded hand trucks from place to place about the plant as conditions may demand. In some cases, the same crew may do both loading and trucking.

#### PLANER FEEDERS.

The work of the feeder is that of taking the lumber from the truck or dolly and feeding it into the machine. His skill lies in his ability to determine quickly the position that the board should be given in order to get the best results. It frequently happens that he must turn the board over or even turn it end for end. On what are known as slow machines it is possible for the feeder to place the boards in position to get the very best results and highest grade of product, but a feeder of a fast machine must place the boards practically as they come to him.

#### SAWYERS, BAND OR CIRCULAR.

The duties of the sawyer are the same in both the band and circular mill. He controls the speed of the saw, the movements of the carriage holding the log, and also the "nigger," a power appliance used to turn the log on the carriage. In this work he uses levers, and his efficiency depends upon his ability to make the movements of the carriage prompt and uniform, as well as to make the manipulation of the nigger sure and timely, and above all to determine how to saw the log with the least waste and get from it the most desirable size and quality of lumber. The successful working of the entire plant depends upon the sawyer more than upon any other one wageworker in the mill. The setter and the dogger work under the sawyer's direction.

#### SAWYERS, GANG.

The duties of the gang sawyer are to adjust the pressure rolls which hold the logs in position for the gang saw and to regulate the feed of the machine. Large cants may be sawed singly, but small ones are stacked one on top of another and side by side to make a load as large as can be put through the machine. When the cants have been placed in position the sawyer, by use of a lever, lowers the pressure rollers which lie on top of the cants and hold them firmly in position as they pass through the machine. The rolls upon which the cants lie drive them through the machine. By the use of another lever the speed of

the feed is controlled; if the timber is hard or the load especially large the feed may be slower, while if the timber is soft or the load small the feed may be faster.

#### SAWYERS, RESAW.

Some mills conserve a part of the waste by resawing all slabs that are thick enough to make one or more short boards, while others relieve their band or circular saw by making the boards double the desired thickness and reducing this heavy stock by the resaw. For resawing slabs, the machine is usually a horizontal band saw and for resawing heavy stock, a vertical one is used.

The resaw sawyer has charge of the operation of resawing and introduces the slabs face down to the machine, while the heavy boards are fed into the resaw edge down.

#### TRIMMER OPERATORS.

The trimmer is a machine used to cut boards to standard length, to square the ends, and to cut off slab ends of boards. It has saws set at intervals across and below the surface of the machine. The board goes across the machine sidewise, and such saw as is desired to cut the board is raised into position by the operator.

This employee usually occupies a pulpit located several feet in front of the trimmer and immediately over the conveyor. He accomplishes his work in different ways, depending on the construction of the machine. Some have cords properly attached with ends hanging in front of the operator, who pulls the cord representing the saw which he desires to bring into operation; some have levers which accomplish the same work; while others have a keyboard and keys communicating with a pneumatic lift. In a small mill the saw operator helps to load the trimmer and operates the saws by means of foot levers located near the floor at the loader's position.

#### EXPLANATION OF TABLES.

This report includes six general tables covering the six-year period 1907 to 1912. Three of the general tables present data as to rates of wages per hour and three present data as to nominal full-time hours of work per week, as follows:

Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.

Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.

Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.

Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912.

Table V.—Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912.

Table VI.—Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912.

TABLE I.—*Classified rates of wages per hour in the United States, by years, 1907 to 1912 (pp. 26 to 28).*—This table summarizes the data concerning rates of wages secured from the whole number of establishments furnishing information. For each of the principal occupations, doggers, edgermen, laborers, planer feeders, band sawyers, circular sawyers, gang sawyers, resawyers, setters, and trimmer operators, data are shown, as far as available, for each of the six years 1907 to 1912.

The table is divided into two sections, the first section showing the number and the second section the per cent of employees earning each classified rate of wages per hour. In addition to showing classified rates of wages, the table shows number of establishments from which data were secured, number of employees, average nominal hours per week, and average rate of wages per hour.

The rate of wages per hour was computed for each employee in the case of time workers by dividing the daily or weekly rate by the number of hours per day or week, and in the case of pieceworkers and those working both as time workers and pieceworkers by dividing the amount earned during the pay-roll period by the hours actually worked.

As previously stated, comparisons from year to year can be made only between identical establishments, and data in this table are presented for identical establishments in such a way as to make possible comparisons from year to year.

The relative nominal full-time hours per week and the relative rates of wages per hour for 1907 to 1912, shown on pages 9 to 10, are computed from the averages shown in this table. The method of computing the relatives can best be explained by using an illustration: Thus for laborers the average nominal hours per week in 41 establishments was 60.5 in 1907 and 60.6 in the same 41 establishments in 1908. The average in 1908 (60.6) was 100.17 per cent of the average (60.5) in 1907. Bulletin 77 (July, 1908) shows that for nominal hours per week for laborers the relative was 95.2 in 1907 (average for 1890-1899=100.0). The average nominal hours for 1908 were then reduced to a comparison with the base period (average for 1890-1899=100.0) by computing 100.17 per cent of 95.2, which is 95.4. The same method was followed in computing the relative rate of wages per hour; the average in 1908 (\$0.1665) was 91.13 per cent of the average in 1907 (\$0.1827); the relative (average for 1890-1899=100.0) for 1907 as shown in Bulletin 77 was 131.6; and 91.13 per cent of 131.6 is 119.9, or the relative rate of wages per hour in

1908 if the average for 1890-1899 is the base or 100.0. In computing for this occupation the relatives for 1911, comparison was made of the data for 245 identical establishments, and in computing the relatives for 1912 comparison was made of the data from 299 identical establishments.

TABLE II.—*Classified rates of wages per hour in each year, by States, 1907 to 1912 (pp. 29 to 40).*—This table affords an easy comparison of rates of wages per hour in the several States. It shows for each of the principal occupations the number of employees earning each classified rate of wages per hour. Under each year, 1907 to 1912, or for such of those years as data are available, the data are shown for each of the States represented by any considerable number of employees. In addition to classified rates of wages, average rates of wages per hour and average nominal hours per week are shown.

TABLE III.—*Classified rates of wages per hour in each State, by years, 1907 to 1912 (pp. 41 to 55).*—This table affords an easy comparison of rates of wages per hour in the several years, 1907 to 1912. It shows for each of the principal occupations the number of employees earning each classified rate of wages per hour. For each of the more important States in this industry the data are shown for each of the six years, 1907 to 1912, or for such of those years as data are available. In addition to classified rates of wages, average rates of wages per hour and average nominal hours per week are shown.

TABLE IV.—*Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912 (pp. 56 to 58).*—This table summarizes the data concerning nominal hours of work per week secured from the whole number of establishments furnishing information. For each of the principal occupations, doggers, edgermen, laborers, planer feeders, band sawyers, circular sawyers, gang sawyers, resawyers, setters, and trimmer operators, data are shown, as far as available, for each of the six years, 1907 to 1912. By nominal hours per week is meant full time not excluding time shut down owing to temporary depression or other cause temporary in nature.

The table is divided into two sections, the first section showing the number and the second the per cent of employees under each classified number of nominal working hours per week. In addition to showing classified nominal hours, the table shows number of establishments from which data were secured, number of employees, and average nominal hours per week.

In using this table comparisons from year to year should be made of identical establishments. The data are so arranged that such comparisons are easily made.

TABLE V.—*Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912 (pp. 59 to 70).*—This table affords an easy comparison of nominal hours of work per week in the several States.

It shows for each of the principal occupations the number of employees under each classified number of nominal working hours per week. Under each year, 1907 to 1912, or for such of those years as data are available, the data are shown for each of the States represented by any considerable number of employees. In addition to classified nominal hours, average nominal hours per week are shown.

TABLE VI.—*Classified nominal full-time hours for work per week in each State, by years, 1907 to 1912 (pp. 71 to 85).*—This table affords an easy comparison of nominal hours of work per week in the several years, 1907 to 1912. It shows for each of the principal occupations the number of employees under each classified number of nominal working hours per week. For each of the more important States in this industry, the data are shown for each of the six years, 1907 to 1912, or for such of those years as data are available. In addition to classified nominal hours, average nominal hours of work per week are shown. The general tables follow.

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					Under 10 cts.	10 and 12 cts.	12 and 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 cts. and over.		
					Un- der 10 cts.	10 and 12 cts.	12 and 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 cts. and over.		
Carriage men, male:																		
41 establish- ments.	1907	208	60.7	\$0.2184	...	3	12	16	20	13	68	62	14	...	...	...		
	1908	201	60.8	.2074	...	3	18	15	28	22	60	42	13	...	...	...		
	1909	195	60.8	.2115	...	19	13	29	10	63	47	14	...	...	...	...		
	1910	215	60.7	.2196	...	18	13	19	10	78	64	13	...	...	...	...		
245 establish- ments.	1910	1,327	61.4	.2088	1	27	173	116	192	73	349	244	151	1	...	...	...	
Doggers, male:	1911	1,298	61.3	.2119	1	25	151	126	170	68	332	261	163	1	...	...	...	
273 establish- ments.	1911	852	61.4	.1791	2	28	171	116	146	51	274	64	...	...	...	...	...	
	1912	869	61.3	.1803	...	25	148	128	162	66	278	62	...	...	...	...	...	
Edgermen, male:																		
41 establish- ments.	1907	79	60.7	.2535	...	2	1	2	7	3	12	32	19	1	...	...	...	
	1908	78	60.7	.2457	...	2	...	4	8	2	16	33	12	1	...	...	...	
	1909	77	60.7	.2481	...	2	2	3	6	3	15	31	14	...	...	...	...	
	1910	84	60.7	.2647	...	2	4	4	4	4	14	30	23	2	1	...	...	
245 establish- ments.	1910	585	61.2	.2553	...	2	17	26	17	33	114	217	151	7	1	...	...	
	1911	569	61.2	.2589	...	2	17	21	20	22	107	208	162	9	1	...	...	
299 establish- ments.	1911	684	61.3	.2599	...	5	16	23	21	31	129	257	185	16	1	...	...	
	1912	686	61.2	.2601	...	2	16	25	19	34	124	264	184	17	1	...	...	
Laborers, male:																		
41 establish- ments.	1907	4,097	60.5	.1827	77	163	392	440	948	378	1,478	214	7	...	...	...	...	
	1908	3,662	60.6	.1665	113	227	370	578	1,280	426	612	54	2	...	...	...	...	
	1909	3,910	60.5	.1708	101	226	328	402	1,375	676	732	68	2	...	...	...	...	
	1910	4,582	60.5	.1832	62	252	312	321	950	816	1,667	199	3	...	...	...	...	
245 establish- ments.	1910	20,327	61.3	.1660	542	2,822	2,600	2,522	3,760	2,162	5,309	580	29	...	...	...	...	
	1911	19,256	61.3	.1655	299	2,664	2,638	2,566	3,963	2,072	4,440	574	40	...	...	...	...	
299 establish- ments.	1911	26,784	61.4	.1621	519	3,649	4,238	4,510	5,312	2,274	5,469	746	67	...	...	...	...	
	1912	25,506	61.5	.1641	346	3,291	4,303	4,257	5,179	1,927	5,121	911	153	16	...	2	...	
Planer feeders, male:																		
178 establish- ments.	1911	1,156	61.3	.1792	...	48	152	203	288	84	240	122	18	1	...	...	...	
	1912	1,165	61.1	.1849	1	27	138	162	300	119	267	131	20	...	...	...	...	
Sawyers, band, male:																		
34 establish- ments.	1907	71	60.8	.4901	...	...	...	...	...	...	...	...	8	23	28	12	...	
	1908	69	60.8	.4807	...	...	...	...	...	...	...	...	10	20	28	11	...	
	1909	69	60.8	.4894	...	...	...	...	...	...	...	...	10	19	25	15	...	
	1910	73	60.7	.5007	...	...	...	...	...	...	...	...	9	21	25	18	...	
203 establish- ments.	1910	430	61.1	.5441	...	...	...	...	...	1	2	29	89	146	163	...	...	
	1911	433	61.0	.5545	...	...	...	...	...	2	1	28	83	140	179	...	...	
243 establish- ments.	1911	509	61.1	.5511	...	...	...	...	...	3	3	35	88	179	201	...	...	
	1912	493	61.1	.5523	...	...	...	...	...	2	3	31	92	165	200	...	...	
Sawyers, circular, male:																		
12 establish- ments.	1907	14	61.3	.5448	...	...	...	...	...	...	...	...	1	3	6	4	...	
	1908	14	61.3	.5186	...	...	...	...	...	...	...	...	1	5	4	4	...	
	1909	13	61.3	.5254	...	...	...	...	...	...	...	...	1	4	5	3	...	
	1910	14	61.3	.5501	...	...	...	...	...	...	...	...	5	4	5	5	...	
58 establish- ments.	1910	81	61.9	.4964	...	...	...	...	...	...	...	...	2	7	26	32	14	...
	1911	78	62.0	.4976	...	...	...	...	...	...	...	...	2	7	23	32	14	...
72 establish- ments.	1911	95	62.5	.5036	...	...	...	...	...	...	...	...	2	3	8	27	40	17
	1912	94	62.5	.5091	...	...	...	...	...	2	4	8	18	44	18	18	18	...

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Continued.

## NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and over.	
Sawyers, gang, male:																	
5 establishments.	1907	6	60.0	\$0.2708												4	2
	1908	6	60.0	.2558												2	1
	1909	6	60.0	.2583												2	2
	1910	6	60.0	.2642												1	3
52 establishments.	1910	64	61.4	.3092				1	1			1	11	14	21	13	2
	1911	60	61.6	.3006				1	1			1	11	14	20	12	
66 establishments.	1911	74	61.6	.3061				2	1			2	9	20	23	17	
	1912	75	61.6	.3058				1	4			2	4	23	24	17	
Sawyer, resaw, male:																	
98 establishments.	1911	149	60.7	.2515						5	9	8	43	45	38	1	
Setters, male:	1912	147	60.7	.2556						5	8	6	40	46	41	1	
301 establishments.	1911	714	61.3	.2506			1	19	33	35	25	160	244	196	1		
	1912	713	61.2	.2518			1	15	36	27	32	152	260	189	1		
Trimmer operators, male:																	
37 establishments.	1907	72	60.7	.2070		2	5	1	10	7	33	9	5				
	1908	68	60.7	.1959		2	5	6	14	10	18	9	4				
	1909	72	60.7	.1971		2	4	5	17	12	18	9	5				
	1910	74	60.7	.1969		2	4	3	12	9	27	9	8				
228 establishments.	1910	503	61.0	.2089	1	11	45	37	54	39	192	85	36	3			
	1911	485	61.0	.2113		10	43	36	54	27	185	93	34	3			
294 establishments.	1911	479	61.3	.2092		15	38	42	54	25	176	100	25	4			
	1912	441	61.3	.2104		15	31	44	48	24	165	84	25	5			

## PER CENT.

Carriage men, male:																	
41 establishments.	1907	208	60.7	\$0.2184	....	1.4	5.8	7.7	9.6	6.2	32.7	29.8	6.7				
	1908	201	60.8	.2074	....	1.5	9.0	7.5	13.9	10.9	29.9	20.9	6.5				
	1909	195	60.8	.2115	....		9.7	6.7	14.9	5.1	32.3	24.1	7.2				
	1910	215	60.7	.2196	....		8.4	6.0	8.8	4.7	36.3	29.8	6.0				
245 establishments.	1910	1,327	61.4	.2088	0.1	2.0	13.0	8.7	14.5	5.5	26.3	18.4	11.4	0.1			
	1911	1,298	61.3	.2119	0.1	1.9	11.6	9.7	13.1	5.2	25.6	20.1	12.6	.1			
Doggers, male:																	
273 establishments.	1911	852	61.4	.1791	.2	3.3	20.1	13.6	17.1	6.0	32.2	7.5					
	1912	869	61.3	.1803	....	2.9	17.0	14.7	18.6	7.6	32.0	7.1					
Edgermen, male:																	
41 establishments.	1907	79	60.7	.2535	....	2.5	1.3	2.5	8.9	3.8	15.2	40.5	24.1	1.3			
	1908	78	60.7	.2457	....	2.6		5.1	10.3	2.6	20.5	42.3	15.4	1.3			
	1909	77	60.7	.2481	....	2.6	2.6	3.9	7.8	3.9	19.5	40.3	18.2	1.3			
	1910	84	60.7	.2647	....		2.4	4.8	4.8	4.8	16.7	35.7	27.4	2.4	1.2		
245 establishments.	1910	535	61.2	.2553	....	.3	2.9	4.4	2.9	5.6	19.5	37.1	25.8	1.2	.2		
	1911	569	61.2	.2589	....	.4	3.0	3.7	3.5	3.9	18.8	36.6	28.5	1.6	.2		
299 establishments.	1911	684	61.3	.2599	....	.7	2.3	3.4	3.1	4.5	18.9	37.6	27.0	2.3	.1		
	1912	686	61.2	.2601	....	.3	2.3	3.6	2.8	5.0	18.1	38.5	26.8	2.5	.1		
Laborers, male:																	
41 establishments.	1907	4,097	60.5	.1827	1.9	4.0	9.6	10.7	23.1	9.2	36.1	5.2	.2				
	1908	3,662	60.6	.1665	3.1	6.2	10.1	15.8	35.0	11.6	16.7	1.5	.1				
	1909	3,910	60.5	.1708	2.6	5.8	8.4	10.3	35.2	17.3	18.7	1.7	.1				
	1910	4,582	60.5	.1832	1.4	5.5	6.8	7.0	20.7	17.8	36.4	4.3	.1				
245 establishments.	1910	20,327	61.3	.1600	2.7	13.9	12.8	12.4	18.5	10.6	26.1	2.9	.1				
	1911	19,256	61.3	.1655	1.6	13.8	13.7	13.3	20.6	10.8	23.1	3.0	.2				
299 establishments.	1911	26,784	61.4	.1621	1.9	13.6	15.8	16.8	19.8	8.5	20.4	2.8	.3				
	1912	25,506	61.5	.1641	1.4	12.9	16.9	16.7	20.3	7.6	20.1	3.6	.6	.1		(1)	

<sup>1</sup> Less than one-tenth of 1 per cent.

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Concluded.

PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					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.	
Planer feeders, male:																	
178 establishments.	1911	1,156	61.3	\$0.1792	...	4.2	13.1	17.6	24.9	7.3	20.8	10.6	1.6	0.1	...	...	
	1912	1,165	61.1	.1849	0.1	2.3	11.8	13.9	25.8	10.2	22.9	11.2	1.7	...	...	...	
Sawyers, band, male:																	
34 establishments.	1907	71	60.8	.4901	...	...	...	...	...	...	...	...	11.3	32.4	39.4	16.9	
	1908	69	60.8	.4807	...	...	...	...	...	...	...	...	14.5	29.0	40.6	15.9	
	1909	69	60.8	.4894	...	...	...	...	...	...	...	...	14.5	27.5	36.2	21.7	
	1910	73	60.7	.5007	...	...	...	...	...	...	...	...	12.3	28.8	34.2	24.7	
203 establishments.	1910	430	61.1	.5441	...	...	...	...	...	...	...	2	.5	6.7	20.7	34.0	37.9
	1911	433	61.0	.5545	...	...	...	...	...	...	...	.5	.2	6.5	19.2	32.3	41.3
243 establishments.	1911	509	61.1	.5511	...	...	...	...	...	...	...	.6	.6	6.9	17.3	35.2	39.5
	1912	493	61.1	.5523	...	...	...	...	...	...	...	.4	.6	6.3	18.7	33.5	40.6
Sawyers, circular, male:																	
12 establishments.	1907	14	61.3	.5448	...	...	...	...	...	...	...	...	...	7.1	21.4	42.9	28.6
	1908	14	61.3	.5186	...	...	...	...	...	...	...	...	...	7.1	35.7	28.6	28.6
	1909	13	61.3	.5254	...	...	...	...	...	...	...	...	...	7.7	30.8	38.5	23.1
	1910	14	61.3	.5501	...	...	...	...	...	...	...	...	...	35.7	28.6	35.7	35.7
58 establishments.	1910	81	61.9	.4964	...	...	...	...	...	...	...	2.5	8.6	32.1	39.5	17.3	...
	1911	78	62.0	.4976	...	...	...	...	...	...	...	2.6	9.0	29.5	41.0	17.9	...
72 establishments.	1911	95	62.5	.5036	...	...	...	...	...	...	...	2.1	3.2	8.4	28.4	42.1	17.9
	1912	94	62.5	.5091	...	...	...	...	...	...	...	2.1	4.3	8.5	19.1	46.8	19.1
Sawyers, gang, male:																	
5 establishments.	1907	6	60.0	.2708	...	...	...	...	...	...	...	...	66.7	33.3	...	...	...
	1908	6	60.0	.2558	...	...	...	...	...	...	...	...	33.3	50.0	16.7	...	...
	1909	6	60.0	.2583	...	...	...	...	...	...	...	...	33.3	33.3	33.3	...	...
	1910	6	60.0	.2642	...	...	...	...	...	...	...	...	16.7	50.0	33.3	...	...
52 establishments.	1910	64	61.4	.3092	...	1.6	1.6	...	...	1.6	17.2	21.9	32.8	20.3	3.1	...	
	1911	60	61.6	.3006	...	1.7	1.7	...	...	1.7	18.3	23.3	33.3	20.0	...	...	
66 establishments.	1911	74	61.6	.3061	...	2.7	1.4	...	...	2.7	12.2	27.0	31.1	23.0	...	...	
	1912	75	61.6	.3058	...	1.3	5.3	...	...	2.7	5.3	30.7	32.0	22.7	...	...	
Sawyers, resaw, male:																	
98 establishments.	1911	149	60.7	.2515	...	...	...	3.4	6.0	5.4	28.9	30.2	25.5	.7	...	...	
	1912	147	60.7	.2556	...	...	...	3.4	5.4	4.1	27.2	31.3	27.9	.7	...	...	
Setters, male:																	
301 establishments.	1911	714	61.3	.2506	...	.1	2.7	4.6	4.9	3.5	22.4	34.2	27.5	.1	...	...	
	1912	713	61.2	.2518	...	.1	2.1	5.0	3.8	4.5	21.3	36.5	26.5	.1	...	...	
Trimmer operators, male:																	
37 establishments.	1907	72	60.7	.2070	...	2.8	6.9	1.4	13.9	9.7	45.8	12.5	6.9	...	...	...	
	1908	68	60.7	.1959	...	2.9	7.4	8.8	20.6	14.7	26.5	13.2	5.9	...	...	...	
	1909	72	60.7	.1971	...	2.8	5.6	6.9	23.6	16.7	25.0	12.5	6.9	...	...	...	
	1910	74	60.7	.1969	...	2.7	5.4	4.1	16.2	12.2	36.5	12.2	10.8	...	...	...	
228 establishments.	1910	503	61.0	.2089	.2	2.2	8.9	7.4	10.7	7.8	38.2	16.9	7.2	.6	...	...	
	1911	485	61.0	.2113	...	2.1	8.9	7.4	11.1	5.6	38.1	19.2	7.0	.6	...	...	
294 establishments.	1911	479	61.3	.2092	...	3.1	7.9	8.8	11.3	5.2	36.7	20.9	5.2	.8	...	...	
	1912	441	61.3	.2104	...	3.4	7.0	10.0	10.9	5.4	37.4	19.0	5.7	1.1	...	...	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR  
BY STATES, 1907 TO 1912.

**CARRIAGE MEN: Male.**

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
<b>1910.</b>																
Alabama.....	13	60	64.7	\$0.1484	8	22	15	7	4	4	17	20	1	1	1	1
Arkansas.....	17	108	61.3	.1913	19	42	10	17	20	1	1	1	1	1	1	1
California.....	9	39	60.3	.2472	11	22	6	5	6	2	1	1	1	1	1	1
Florida.....	9	53	62.6	.1675	16	6	5	2	2	2	1	1	1	1	1	1
Georgia.....	14	38	63.9	.1513	1	4	16	6	5	2	2	2	2	2	2	2
Louisiana.....	10	58	60.6	.2016	1	4	17	7	15	12	2	1	1	1	1	1
Maine.....	7	28	61.8	.2790	1	2	13	13	13	13	13	13	13	13	13	13
Michigan.....	22	121	60.0	.2445	1	2	58	45	45	45	15	15	15	15	15	15
Minnesota.....	8	108	60.0	.2966	2	48	9	14	5	12	1	1	1	1	1	1
Mississippi.....	9	91	64.6	.1542	5	15	23	2	11	3	1	1	1	1	1	1
North Carolina.....	14	59	61.9	.1526	1	30	7	11	4	6	6	6	6	6	6	6
Oregon.....	3	21	59.9	.2554	1	2	6	9	14	14	1	1	1	1	1	1
Pennsylvania.....	13	48	63.7	.2258	1	3	4	2	5	2	18	18	18	18	18	18
South Carolina.....	5	34	61.5	.1583	18	3	4	2	5	2	1	1	1	1	1	1
Tennessee.....	24	60	59.8	.1777	5	15	23	2	11	3	1	1	1	1	1	1
Texas.....	10	85	60.0	.2001	12	22	10	8	2	25	14	1	1	1	1	1
Virginia.....	9	57	62.7	.1436	1	2	7	2	3	3	12	12	12	12	12	12
Washington.....	14	84	60.0	.2480	1	2	42	30	30	30	12	12	12	12	12	12
West Virginia.....	13	41	62.7	.2246	1	2	7	19	11	11	2	2	2	2	2	2
Wisconsin.....	22	134	60.0	.2360	1	15	10	50	35	35	24	24	24	24	24	24
Total.....	245	1,327	61.4	.2088	1	27	173	116	192	73	349	244	151	1	1	1
<b>1911.</b>																
Alabama.....	13	60	64.7	.1503	8	22	15	7	3	5	18	18	18	18	18	18
Arkansas.....	17	106	61.2	.1918	17	43	10	13	18	18	1	1	1	1	1	1
California.....	9	33	60.4	.2564	1	2	18	13	18	18	1	1	1	1	1	1
Florida.....	9	53	62.6	.1691	10	21	7	6	6	6	2	1	1	1	1	1
Georgia.....	14	38	63.9	.1557	1	4	14	8	5	4	2	2	2	2	2	2
Louisiana.....	10	60	60.6	.2027	1	3	14	11	17	13	1	1	1	1	1	1
Maine.....	7	29	61.9	.2806	1	2	15	15	15	15	14	14	14	14	14	14
Michigan.....	22	121	60.0	.2479	1	2	52	50	50	50	16	16	16	16	16	16
Minnesota.....	8	121	60.0	.2984	36	16	12	3	24	8	8	8	8	8	8	8
Mississippi.....	9	79	64.2	.1574	5	13	22	2	12	5	2	1	1	1	1	1
North Carolina.....	14	59	61.9	.1551	1	27	10	9	3	9	1	1	1	1	1	1
Oregon.....	3	15	59.8	.2592	1	2	4	10	10	10	1	1	1	1	1	1
Pennsylvania.....	13	42	63.6	.2302	1	2	7	16	19	19	19	19	19	19	19	19
South Carolina.....	5	34	61.5	.1593	18	3	3	3	5	2	2	2	2	2	2	2
Tennessee.....	24	60	59.8	.1814	5	13	22	2	12	5	1	1	1	1	1	1
Texas.....	10	76	60.0	.2026	6	22	22	2	32	14	14	14	14	14	14	14
Virginia.....	9	57	62.7	.1447	12	18	14	8	2	3	10	10	10	10	10	10
Washington.....	14	80	60.0	.2448	1	2	42	28	28	28	10	10	10	10	10	10
West Virginia.....	13	41	62.7	.2300	1	2	5	21	10	10	3	3	3	3	3	3
Wisconsin.....	22	134	60.0	.2378	1	15	9	39	45	26	26	26	26	26	26	26
Total.....	245	1,298	61.3	.2119	1	25	151	126	170	68	332	261	163	1	1	1

**BOGGERS: Male**

<b>1911.</b>												
Alabama.....	13	39	64.8	\$0.1352	.....	8	20	10	1	.....	.....	.....
Arkansas.....	19	69	60.9	.1687	.....	.....	.....	16	39	12	2	.....
California.....	13	32	60.2	.2276	.....	.....	.....	.....	.....	27	5	.....
Florida.....	9	39	63.2	.1495	.....	1	10	22	5	1	.....	.....
Georgia.....	13	27	64.1	.1362	2	2	12	9	2	.....	.....	.....

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR  
BY STATES, 1907 TO 1912—Continued.

**DOGGERS:** Male—Concluded.

Year and State	Number of establish- ments	Number of em- ployees	Average nomi- nal full- time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
<b>1911.</b>																
Louisiana.....	21	91	60.5	\$0.1816				4	4	39	11	33				
Maine.....	4	8	63.8	.2209							1	6	1			
Michigan.....	25	73	60.0	.2176							1	2	62	8		
Minnesota.....	4	31	60.0	.2311									25	6		
Mississippi.....	15	73	64.3	.1411				49	15	9						
North Carolina.....	15	41	62.8	.1336			3	30	6	2						
Oregon.....	4	14	59.9	.2470									3	11		
Pennsylvania.....	10	13	64.4	.2055								4	9			
South Carolina.....	6	24	61.4	.1311				20	4							
Tennessee.....	26	40	60.4	.1610				6	18	10			6			
Texas.....	12	42	60.0	.1837						3	22	2	15			
Virginia.....	11	44	63.3	.1291			14	20	9	1						
Washington.....	19	63	60.0	.2315									41	22		
West Virginia.....	14	24	62.4	.1980							4	7	13			
Wisconsin.....	20	65	60.0	.2054						11	11	32	11			
<b>Total.</b>	273	852	61.4	.1791	2	28	171	116	146	51	274	64				
<b>1912.</b>																
Alabama.....	13	41	65.0	.1350			8	21	10	2						
Arkansas.....	19	73	60.8	.1702					19	39	10		5			
California.....	13	33	60.2	.2268									28	5		
Florida.....	9	35	63.3	.1499				8	20	7						
Georgia.....	13	28	64.0	.1398				5	10	11	2					
Louisiana.....	21	91	60.5	.1826					3	4	37	12	35			
Maine.....	4	10	64.0	.2090								3	6	1		
Michigan.....	25	86	60.0	.2076							11	9	62	4		
Minnesota.....	4	30	60.0	.2313									24	6		
Mississippi.....	15	62	64.3	.1443				33	21	8						
North Carolina.....	15	42	62.7	.1358			3	28	8	3						
Oregon.....	4	14	59.9	.2470									3	11		
Pennsylvania.....	10	13	64.4	.1977								8	5			
South Carolina.....	6	26	61.4	.1382					16	9	1					
Tennessee.....	26	40	60.0	.1633				1	4	16	10	3	6			
Texas.....	12	44	60.0	.1810						3	24	2	15			
Virginia.....	11	42	63.5	.1305			8	25	7	2						
Washington.....	19	67	60.0	.2283							3	1	42	21		
West Virginia.....	14	23	62.3	.2036							3	5	13	2		
Wisconsin.....	20	69	60.0	.2070							10	13	34	12		
<b>Total.</b>	273	869	61.3	.1803			25	148	128	162	66	278	62			

#### EDGERMEN: Male.

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

EDGERMEN: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.														
					Under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and over.			
<b>1910.</b>																			
North Carolina.	14	22	61.9	\$0.1761	—	—	5	3	5	5	3	—	1	—	4	—	3	—	—
Oregon.	3	7	59.9	.3544	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania.	13	25	63.8	.2458	—	—	—	—	—	—	—	10	15	—	—	—	—	—	—
South Carolina.	5	13	61.4	.2108	—	—	3	—	1	—	6	3	—	—	—	—	—	—	—
Tennessee.	24	26	59.8	.2001	—	—	—	4	5	2	10	5	—	—	—	—	—	—	—
Texas.	10	36	60.0	.2592	—	—	—	—	—	—	7	26	3	—	—	—	—	—	—
Virginia.	9	18	62.9	.1568	—	—	8	3	4	2	1	—	—	1	—	17	3	1	—
Washington.	14	22	60.0	.3450	—	—	—	—	—	—	—	—	2	10	8	—	—	—	—
West Virginia.	13	20	62.6	.2778	—	—	—	—	—	—	1	11	46	23	—	—	—	—	—
Wisconsin.	22	81	60.0	.2692	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total.</b>	<b>245</b>	<b>585</b>	<b>61.2</b>	<b>.2553</b>	—	2	17	26	17	33	114	217	151	7	1	—	—	—	—
<b>1911.</b>																			
Alabama.	13	20	64.7	.1800	—	2	1	3	3	4	7	—	—	—	—	5	—	—	—
Arkansas.	19	57	60.6	.2558	—	—	1	—	—	—	12	39	5	—	—	—	—	—	—
California.	14	26	60.2	.3390	—	—	—	—	—	—	—	4	19	3	—	—	—	—	—
Florida.	9	15	63.6	.2330	—	—	—	—	—	—	3	7	2	3	—	—	—	—	—
Georgia.	16	18	64.6	.2019	—	—	2	2	—	4	7	2	1	—	—	—	—	—	—
Louisiana.	21	55	60.9	.2713	—	—	—	1	—	—	—	7	31	15	1	—	—	—	—
Maine.	10	22	62.5	.2949	—	—	—	—	—	—	—	2	8	12	—	—	—	—	—
Michigan.	25	70	60.0	.2618	—	—	—	—	—	—	—	8	60	1	1	—	—	—	—
Minnesota.	7	61	60.0	.3212	—	—	—	—	—	—	—	—	60	1	—	—	—	—	—
Mississippi.	15	41	64.2	.2125	—	—	—	3	—	12	19	6	1	—	—	—	—	—	—
North Carolina.	17	26	63.0	.1722	—	2	4	5	7	2	5	—	—	1	—	—	—	—	—
Oregon.	4	7	59.9	.3723	—	—	—	—	—	—	—	—	—	3	4	—	—	—	—
Pennsylvania.	14	19	63.3	.2565	—	—	—	—	—	—	1	8	8	1	1	—	—	—	—
South Carolina.	7	15	61.6	.2069	—	1	2	1	1	—	6	4	—	—	—	—	—	—	—
Tennessee.	27	32	60.5	.2121	—	—	1	7	—	—	15	9	—	—	—	—	—	—	—
Texas.	12	34	60.0	.2522	—	—	—	—	—	—	12	21	1	—	—	—	—	—	—
Virginia.	11	22	63.5	.1581	—	1	7	6	3	3	2	—	—	—	—	17	5	1	—
Washington.	18	24	60.0	.3500	—	—	—	—	—	—	1	—	—	—	—	15	10	—	—
West Virginia.	16	26	62.2	.2828	—	—	—	—	—	—	1	10	48	35	—	—	—	—	—
<b>Total.</b>	<b>299</b>	<b>684</b>	<b>61.3</b>	<b>.2599</b>	—	5	16	23	21	31	129	257	185	16	1	—	—	—	—
<b>1912.</b>																			
Alabama.	13	18	64.6	.1945	—	—	1	3	—	5	8	1	—	—	—	—	—	—	—
Arkansas.	19	52	60.6	.2570	—	—	—	1	—	1	8	39	3	—	—	—	—	—	—
California.	14	32	60.2	.3393	—	—	—	—	—	—	3	27	2	—	—	—	—	—	—
Florida.	9	15	63.6	.2330	—	—	—	3	1	1	3	8	1	3	—	—	—	—	—
Georgia.	16	19	64.6	.2008	—	—	3	1	1	5	5	2	2	—	—	—	—	—	—
Louisiana.	21	59	61.0	.2692	—	—	—	—	—	2	5	38	13	1	—	—	—	—	—
Maine.	10	24	62.5	.2653	—	—	—	—	—	4	3	6	11	—	—	—	—	—	—
Michigan.	25	69	60.0	.2607	—	—	—	—	—	—	10	57	1	1	—	—	—	—	—
Minnesota.	7	62	60.0	.3099	—	—	—	—	—	4	—	58	—	—	—	—	—	—	—
Mississippi.	15	36	63.8	.2144	—	—	4	—	7	18	6	1	—	—	—	—	—	—	—
North Carolina.	17	28	63.2	.1688	—	2	5	8	7	—	5	—	—	1	—	—	—	—	—
Oregon.	4	7	59.9	.3759	—	—	—	—	—	—	—	—	3	4	—	—	—	—	—
Pennsylvania.	14	20	63.1	.2598	—	—	—	—	—	1	8	9	1	1	—	—	—	—	—
South Carolina.	7	16	61.5	.2112	—	1	2	1	1	—	7	4	—	—	—	—	—	—	—
Tennessee.	27	32	60.3	.2163	—	1	2	4	—	—	13	11	1	—	—	—	—	—	—
Texas.	12	33	60.0	.2624	—	—	—	—	—	6	22	5	—	—	—	—	—	—	—
Virginia.	11	21	63.7	.1632	—	5	5	5	4	2	—	—	16	8	1	—	—	—	—
Washington.	18	26	60.0	.3592	—	—	—	—	—	—	2	12	12	—	—	—	—	—	—
West Virginia.	16	26	62.2	.2811	—	—	—	—	—	1	12	52	26	—	—	—	—	—	—
Wisconsin.	24	91	60.0	.2710	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total.</b>	<b>299</b>	<b>686</b>	<b>61.2</b>	<b>.2601</b>	—	2	16	25	19	34	124	264	184	17	1	—	—	—	—

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.												
					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.	
<b>1907.</b>																	
Alabama.....	3	180	62.2	\$0.1311	3	26	95	56	.....	.....	.....	.....	.....	.....	.....	.....	.....
California.....	2	277	60.0	.2192	.....	.....	23	162	16	10	256	19	2	.....	.....	.....	.....
Florida.....	3	211	60.0	.1501	.....	.....	.....	31	165	.....	.....	.....	61	.....	.....	.....	.....
Maine.....	2	257	60.0	.1779	.....	.....	.....	4	66	152	166	40	.....	.....	.....	.....	.....
Michigan.....	5	428	60.0	.1760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina.....	4	359	62.9	.1229	33	82	207	27	9	1	.....	.....	.....	.....	.....	.....	.....
Oregon.....	2	310	59.8	.2342	.....	.....	.....	.....	.....	49	52	26	.....	.....	206	102	2
Pennsylvania.....	5	137	63.3	.1808	.....	.....	.....	10	43	5	82	.....	.....	.....	.....	.....	.....
South Carolina.....	2	84	62.1	.1098	41	.....	.....	5	75	6	3	.....	.....	.....	.....	.....	.....
Tennessee.....	2	89	60.0	.1517	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	3	971	60.0	.2187	.....	.....	.....	13	538	117	56	93	3	.....	.....	.....	.....
Wisconsin.....	7	724	60.0	.1758	.....	.....	55	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	70	60.0	.1068	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	41	4,097	60.5	.1827	77	163	392	440	948	378	1,478	214	7	.....	.....	.....	.....
<b>1908.</b>																	
Alabama.....	3	165	62.3	.1246	13	38	86	28	.....	48	.....	491	16	2	.....	.....	.....
California.....	2	257	60.0	.2072	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida.....	3	162	60.0	.1411	.....	.....	104	34	24	.....	.....	.....	.....	.....	.....	.....	.....
Maine.....	2	300	60.0	.1807	.....	.....	.....	32	181	5	82	.....	.....	.....	.....	.....	.....
Michigan.....	5	418	60.0	.1753	.....	.....	4	71	141	164	38	.....	.....	.....	.....	.....	.....
North Carolina.....	4	298	63.9	.1161	50	136	94	12	2	1	2	1	.....	.....	.....	.....	.....
Oregon.....	2	385	59.8	.1927	.....	.....	.....	.....	210	.....	151	24	.....	.....	.....	.....	.....
Pennsylvania.....	5	146	63.0	.1818	.....	.....	.....	8	66	48	24	.....	.....	.....	.....	.....	.....
South Carolina.....	2	84	62.1	.1069	50	.....	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	2	86	60.0	.1469	.....	.....	30	48	6	2	.....	.....	.....	.....	.....	.....	.....
Washington.....	3	569	60.0	.1765	.....	.....	1	207	145	83	120	13	.....	.....	.....	.....	.....
Wisconsin.....	7	125	60.0	.1670	.....	3	138	457	123	4	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	67	60.0	.1064	.....	53	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	41	3,662	60.6	.1665	113	227	370	578	1,230	426	612	54	2	.....	.....	.....	.....
<b>1909.</b>																	
Alabama.....	3	171	62.3	.1259	12	35	88	36	.....	101	.....	190	19	1	.....	.....	.....
California.....	2	311	60.0	.2005	.....	.....	.....	38	95	26	.....	.....	.....	.....	.....	.....	.....
Florida.....	3	159	60.0	.1449	.....	.....	.....	5	23	184	10	90	.....	.....	.....	.....	.....
Maine.....	2	312	60.0	.1824	.....	.....	5	69	123	172	42	1	.....	.....	.....	.....	.....
Michigan.....	5	412	60.0	.1763	.....	.....	5	69	123	172	42	1	.....	.....	.....	.....	.....
North Carolina.....	4	303	63.9	.1142	52	149	87	9	3	1	.....	2	.....	.....	.....	.....	.....
Oregon.....	2	318	59.7	.1949	.....	.....	.....	7	80	49	29	.....	156	12	.....	.....	.....
Pennsylvania.....	5	165	62.7	.1823	.....	.....	.....	7	80	49	29	.....	.....	.....	.....	.....	.....
South Carolina.....	2	88	62.1	.1111	37	5	46	32	49	6	2	.....	.....	.....	.....	.....	.....
Tennessee.....	2	89	60.0	.1464	.....	.....	32	49	6	2	.....	.....	.....	.....	.....	.....	.....
Washington.....	3	777	60.0	.1927	.....	.....	2	218	302	218	34	1	.....	.....	.....	.....	.....
Wisconsin.....	7	743	60.0	.1683	.....	2	110	484	140	7	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	62	60.0	.1125	.....	37	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	41	3,910	60.5	.1708	101	226	328	402	1,375	676	732	68	2	.....	.....	.....	.....
<b>1910.</b>																	
Alabama.....	13	1,101	64.2	.1182	110	516	351	119	4	1	.....	2	.....	.....	.....	.....	.....
Arkansas.....	17	954	60.6	.1522	4	8	152	506	215	45	22	2	.....	.....	.....	.....	.....
California.....	9	871	60.1	.2032	.....	.....	.....	.....	172	69	584	43	3	.....	.....	.....	.....
Florida.....	9	687	62.1	.1315	8	121	332	180	35	11	.....	.....	.....	.....	.....	.....	.....
Georgia.....	14	872	63.7	.1197	65	448	239	102	18	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana.....	10	591	61.4	.1527	1	85	50	252	143	18	41	1	.....	.....	.....	.....	.....
Maine.....	7	633	61.5	.1833	.....	10	22	32	296	64	206	3	.....	.....	.....	.....	.....
Michigan.....	22	1,953	60.0	.1746	.....	13	109	1,202	463	157	9	.....	.....	.....	.....	.....	.....
Minnesota.....	8	1,210	60.0	.2125	.....	2	23	181	861	132	11	.....	.....	.....	.....	.....	.....
Mississippi.....	10	1,026	64.6	.1259	49	413	382	118	34	16	10	4	.....	.....	.....	.....	.....

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

LABORERS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.														
					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.			
<b>1910.</b>																			
North Carolina.	14	964	62.1	\$0.1172	55	476	336	87	9	1									
Oregon.	3	613	59.8	.2237							491	121							
Pennsylvania.	13	772	63.1	.1960				9	118	299	303	43							
South Carolina.	5	618	61.3	.1097	145	257	182	34											
Tennessee.	23	716	59.8	.1416		58	234	357	57	2	8								
Texas.	10	727	60.0	.1595	6	9	97	286	227	13	81	8							
Virginia.	9	814	63.2	.1154	100	419	199	70	20	5	1								
Washington.	2	1,232	60.0	.2108					8	23	294	1,628	166	13					
West Virginia.	13	532	62.8	.1900		2	3	41	99	198	162	26	1						
Wisconsin.	22	2,541	60.0	.1821				8	210	1,065	482	754	22						
<b>Total.</b>	245	20,327	61.3	.1660	543	2,822	2,600	2,522	3,760	2,162	5,309	580	29						
<b>1911.</b>																			
Alabama.	13	1,190	64.5	.1197	143	584	314	141	7	1									
Arkansas.	19	1,936	60.4	.1515	7	7	345	1,064	384	56	69	4							
California.	14	1,206	60.1	.2013					1	266	189	637	106	7					
Florida.	9	799	63.2	.1285	9	214	374	147	41	14									
Georgia.	16	1,159	64.3	.1199	111	565	325	135	23										
Louisiana.	21	2,459	61.4	.1525	11	224	376	1,018	599	35	190	6							
Maine.	10	732	61.7	.1826	2	5	35	30	344	63	214	39							
Michigan.	25	2,206	60.0	.1750			22	95	1,381	501	199	8							
Minnesota.	7	1,213	60.0	.2142					4	28	119	891	164	7					
Mississippi.	15	1,886	64.5	.1275	54	660	929	151	46	36	10								
North Carolina.	17	345	63.0	.1180	83	670	467	112	12	1									
Oregon.	4	458	59.8	.2284							294	161	3						
Pennsylvania.	14	518	63.4	.1929		2	1	1	88	217	192	17							
South Carolina.	7	721	61.5	.1143	71	355	244	48	2	1									
Tennessee.	27	1,006	60.4	.1444	1	40	304	546	96	2	16	1							
Texas.	12	1,359	60.0	.1607		3	121	648	407	36	134	10							
Virginia.	11	826	63.0	.1218	27	320	362	85	24	5	3								
Washington.	2	1,237	60.0	.2083				40	228	307	1,344	179	39						
West Virginia.	16	790	62.2	.1926		7	23	210	218	301	22	9							
Wisconsin.	24	2,838	60.0	.1837			12	221	1,126	473	975	30	1						
<b>Total.</b>	299	26,734	61.4	.1621	519	3,649	4,238	4,510	5,312	2,274	5,469	746	67						
<b>1912.</b>																			
Alabama.	13	1,403	64.8	.1207	83	572	618	104	13	6	7								
Arkansas.	19	2,142	60.6	.1544	1	34	275	1,163	467	66	132	4							
California.	14	1,311	60.1	.2015				1	331	170	672	127	10						
Florida.	9	1,013	63.3	.1324	11	264	382	281	59	13	3								
Georgia.	16	1,062	64.4	.1246	59	409	421	121	49	2	1								
Louisiana.	21	2,308	61.1	.1611	9	133	272	872	767	73	230	25	9	8					
Maine.	10	515	62.0	.1870		1	8	11	192	98	186	18	1						
Michigan.	25	1,766	60.0	.1757		1	17	56	1,117	338	235	2							
Minnesota.	7	1,269	60.0	.2199					21	104	913	214	15	2					
Mississippi.	15	1,624	64.5	.1301	32	482	812	201	42	33	19	3							
North Carolina.	17	321	62.7	.1219	26	625	486	148	30	5	1								
Oregon.	4	483	59.9	.2329					2		299	180	22						
Pennsylvania.	14	654	63.1	.1900		2	6	16	163	232	215	20							
South Carolina.	7	871	61.1	.1156	63	423	326	44	12	2	1								
Tennessee.	27	919	60.6	.1462	2	40	286	471	78	10	24	7	1						
Texas.	12	1,380	60.0	.1658		4	82	575	483	35	173	26	1	1					
Virginia.	11	788	63.4	.1221	59	301	291	101	26	6	4								
Washington.	18	1,982	60.0	.2147			25	309	152	1,172	245	72	5						
West Virginia.	16	767	62.4	.1933	1		8	12	190	198	319	30	9						
Wisconsin.	24	1,838	60.0	.1849			13	55	828	384	515	30	13						
<b>Total.</b>	299	25,506	61.5	.1641	345	3,291	4,303	4,257	5,179	1,927	5,121	911	153	16				2	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## PLANER FEEDERS: Male.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.													
					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.		
<b>1911.</b>																		
Alabama.....	7	43	64.7	\$0.1304	8	29	5	1										
Arkansas.....	18	199	60.5	.1663		15	62	84	16	20	2							
California.....	10	38	60.0	.2439					3	3	13	13	5	1				
Florida.....	4	23	62.6	.1468	1	9	4	9										
Georgia.....	8	27	63.0	.1361		8	8	7	4									
Louisiana.....	20	179	61.4	.1645			8	43	92	9	27							
Maine.....	4	8	63.8	.2209					1	2	2	3						
Michigan.....	4	48	60.0	.1993				1	6	17	17	5	2					
Minnesota.....	4	46	60.0	.2228					1	1	33	11						
Mississippi.....	14	95	64.2	.1390		15	46	28	4		2							
North Carolina.....	8	44	63.3	.1379		5	18	14	7									
Oregon.....	4	39	59.9	.2786								31	8					
Pennsylvania.....	8	10	63.3	.2322						1	1	3	5					
South Carolina.....	3	12	63.1	.1327		3	4	5										
Tennessee.....	6	14	62.6	.1568			5	3	1	3	2							
Texas.....	12	106	60.0	.1672		3	8	24	53	2	16							
Virginia.....	4	20	61.8	.1559		5	2	5	2		6							
Washington.....	16	93	60.0	.2375							42	48	3					
West Virginia.....	11	30	62.7	.2086					1	7	18	4						
Wisconsin.....	13	82	60.0	.1917				2	18	23	39							
Total.....	178	1,156	61.3	.1792		48	152	203	288	84	240	122	18	1				
<b>1912.</b>																		
Alabama.....	7	46	64.7	.1301	1	6	34	4	1									
Arkansas.....	18	203	60.4	.1687		3	10	52	85	22	30	1						
California.....	10	43	60.0	.2372					4	3	21	9	6					
Florida.....	4	25	62.4	.1678			10	5	4	1	2	2	1					
Georgia.....	8	27	63.0	.1469		1	14	6	3	1	2							
Louisiana.....	20	166	60.9	.1745		1	2	20	94	22	27							
Maine.....	4	9	63.9	.2323						2	4	3						
Michigan.....	4	56	60.0	.1891				1	13	26	13	3						
Minnesota.....	4	49	60.0	.2256					1	1	30	17						
Mississippi.....	14	81	64.2	.1440		10	30	33	5		3							
North Carolina.....	8	45	63.3	.1432		4	17	13	8	2	1							
Oregon.....	4	42	59.9	.2778								33	9					
Pennsylvania.....	8	10	63.3	.2332						2	3	5						
South Carolina.....	3	11	62.9	.1316			8	3										
Tennessee.....	6	17	62.5	.1585				7	4		3	3						
Texas.....	12	103	60.0	.1748			3	17	61	3	17	2						
Virginia.....	4	18	61.1	.1665		2	3	2	6	1	4							
Washington.....	16	100	60.0	.2419					2		42	52	4					
West Virginia.....	11	31	62.6	.2096					1	7	19	4						
Wisconsin.....	13	83	60.0	.1948				2	12	23	46							
Total.....	178	1,165	61.1	.1849	1	27	138	162	300	119	267	131	20					

## SAWYERS, BAND: Male.

1910.																		
Alabama.....	7	12	64.2	\$0.5457											1	1	9	1
Arkansas.....	14	28	61.3	.6326											1	3	24	
California.....	9	16	60.4	.4995											12	1	3	
Florida.....	5	9	62.7	.5980											6	3		
Georgia.....	4	5	62.4	.5618											2		3	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, BAND: Male—Continued.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.														
					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.			
<b>1910.</b>																			
Louisiana.....	8	13	60.9	\$0.6497												1	12		
Maine.....	6	17	62.4	.5355											2	10	5		
Michigan.....	19	45	60.0	.5133										2	9	24	10		
Minnesota.....	8	38	60.0	.6888										2		36			
Mississippi.....	7	21	64.9	.5541										1	17	3			
North Carolina.....	11	20	62.1	.4890										2	7	7	4		
Oregon.....	2	4	59.9	.6515											1		3		
Pennsylvania.....	13	24	63.7	.4049										9	13	2			
South Carolina.....	4	10	61.4	.6285											4		6		
Tennessee.....	23	26	59.8	.4151										1	2	5	3		
Texas.....	9	22	60.0	.5795											9		13		
Virginia.....	8	17	63.0	.4827										9	8				
Washington.....	12	26	60.0	.5494										2	6	7	11		
West Virginia.....	12	20	59.5	.4841										5	11	2	2		
Wisconsin.....	22	57	60.0	.5434										1	5	30	21		
Total.....	203	430	61.1	.5441										1	2	29	89	146	163
<b>1911.</b>																			
Alabama.....	7	9	64.3	.5400											2	6	1		
Arkansas.....	16	33	61.1	.6505										1	2		30		
California.....	11	25	60.0	.5325										9	13	3			
Florida.....	4	8	63.0	.5978											4		4		
Georgia.....	5	7	63.3	.5659										2	2		3		
Louisiana.....	17	35	60.8	.6550											4		31		
Maine.....	8	20	62.3	.5318										2	14	4			
Michigan.....	23	52	60.0	.5120										2	9	31	10		
Minnesota.....	7	43	60.0	.7006										2		41			
Mississippi.....	9	25	64.6	.5535										1	19	5			
North Carolina.....	14	25	63.3	.4671										1	1	4	6	9	4
Oregon.....	3	5	59.9	.6312												2		3	
Pennsylvania.....	13	18	63.4	.3776										1	9	8			
South Carolina.....	6	12	61.6	.6071												6		6	
Tennessee.....	27	33	60.5	.4134										2	1	8	13	5	4
Texas.....	10	23	60.0	.5891												9		14	
Virginia.....	10	20	63.6	.4786											12	8			
Washington.....	14	27	60.0	.5689										1	5	7		14	
West Virginia.....	15	27	59.9	.4625										8	13	4	2		
Wisconsin.....	24	62	60.0	.5560										1	5	34	22		
Total.....	243	509	61.1	.5511										3	3	35	88	179	201
<b>1912.</b>																			
Alabama.....	7	8	64.1	.5524											1	6	1		
Arkansas.....	16	32	60.9	.6513										1	1		30		
California.....	11	26	60.0	.5311											10	11	5		
Florida.....	4	8	63.0	.5978											4		4		
Georgia.....	5	7	63.3	.5796										1	3		3		
Louisiana.....	17	36	62.4	.6570											4		32		
Maine.....	8	18	61.9	.5296											3	11	4		
Michigan.....	23	55	60.0	.5109										2	10	33	10		
Minnesota.....	7	40	60.0	.6963										2			33		
Mississippi.....	9	19	64.1	.5703												12	7		
North Carolina.....	14	25	63.3	.4757										1	3	7	11	3	
Oregon.....	3	5	59.9	.6212												2		3	
Pennsylvania.....	13	18	63.4	.3318										1	9	8			
South Carolina.....	6	13	61.6	.6054												7		6	
Tennessee.....	27	33	60.3	.4186										1	1	11	12	4	4

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, BAND: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Average nomi- nal full time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.														
					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.			
1912.																			
Texas.....	10	21	60.0	\$0.6071												5	16		
Virginia.....	10	20	63.6	.4785												12	8		
Washington.....	14	26	60.0	.5556												5	15		
West Virginia.....	15	27	59.9	.4666												3	2		
Wisconsin.....	24	56	60.0	.5487												4	17		
Total.....	243	493	61.1	.5523											2	31	92	165	200

## SAWYERS, CIRCULAR: Male.

1910.					Number of employees earning each classified rate of wages per hour.														
					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.			
Alabama.....	6	9	65.0	\$0.5044											1	1	5	2	
Arkansas.....	4	4	60.0	.4717											1	3	2	1	
Florida.....	4	7	62.6	.4532											2	8	1	1	
Georgia.....	10	12	65.2	.4536											1	3	1	3	
Louisiana.....	4	4	60.0	.6375															
Michigan.....	7	14	60.0	.5018											4	10			
Mississippi.....	3	6	63.0	.4758											4	2			
North Carolina.....	3	3	60.0	.3333											2	1			
Oregon.....	2	3	59.8	.7859													3		
Texas.....	3	5	60.0	.5300											1	2	2	2	
Washington.....	4	5	60.0	.5500											1	2	2	2	
Wisconsin.....	2	2	60.0	.5375															
Other States.....	6	7	62.0	.4147											1	1	3	2	
Total.....	58	81	61.9	.4964											2	7	26	32	14
1911.																			
Alabama.....	7	10	65.1	.5108											1	1	6	2	
Arkansas.....	2	2	60.0	.5184											1	2			
California.....	3	3	62.0	.5173											1	1	2	1	
Florida.....	5	8	63.8	.4450											1	1	3	1	
Georgia.....	11	13	65.8	.4607											2	8	2	1	
Louisiana.....	6	6	61.0	.6288												2	2	4	
Maine.....	2	2	65.0	.4500											2				
Michigan.....	6	14	60.0	.5107											3	11			
Mississippi.....	7	11	64.9	.4755											1	6	4		
North Carolina.....	3	3	60.0	.3333											2	1		2	
Oregon.....	2	2	59.8	.8038															
Pennsylvania.....	2	2	62.5	.3010											1	1			
Texas.....	4	5	60.0	.5500													3	2	
Washington.....	7	8	60.0	.5875												1	2	5	
Wisconsin.....	2	2	60.0	.5375															
Other States.....	3	4	62.3	.4433											1	1	2		
Total.....	72	95	62.5	.5036											3	8	27	40	17
1912.																			
Alabama.....	7	10	65.1	.4908											1	2	6	1	
Arkansas.....	2	2	60.0	.5424															
California.....	3	3	62.0	.5375												1	2		
Florida.....	5	7	63.4	.5355											1	2	2	2	
Georgia.....	11	13	66.0	.4276											1	1	3	4	1
Louisiana.....	6	6	61.0	.6371												2	2		
Maine.....	2	2	65.0	.4500												2			
Michigan.....	6	17	60.0	.5206											3	13		1	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, CIRCULAR: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.															
					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				
1912.																				
Mississippi.....	7	10	64.8	\$0.4991											1	1	4	4	1	
North Carolina.....	3	3	60.0	.2500											1	1				
Oregon.....	2	2	59.8	.5038											1	1			2	
Pennsylvania.....	2	2	62.5	.3010											1	1				
Texas.....	4	5	60.0	.5500														3	2	
Washington.....	7	7	60.0	.6143														3	4	
Wisconsin.....	2	2	60.0	.5375														2		
Other States.....	3	3	63.0	.4319													1	1		
Total.....	72	94	62.5	.5091											2	4	8	18	44	13

## SAWYERS, GANG: Male.

1910.					Number of employees earning each classified rate of wages per hour.														
					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			
Alabama.....	6	9	65.1	\$0.2360						1					4	4			
Arkansas.....	7	7	60.0	.3050											1	1	4	1	
California.....	3	3	60.0	.3250											1	1	1	1	
Georgia.....	4	4	64.5	.2290				1							1	1	1	1	
Minnesota.....	6	10	60.0	.4010											4	4	2		
Mississippi.....	4	4	63.0	.2551											2	1	1	1	
Texas.....	2	3	60.0	.3750												2	1		
Washington.....	3	3	60.0	.3167												3			
Wisconsin.....	8	12	60.0	.3092											1	5	3	3	
Other States.....	9	9	61.3	.3139											3	1	2	3	
Total.....	52	64	61.4	.3092				1	1					1	11	14	21	13	2
1911.																			
Alabama.....	6	7	65.8	.2216					1	1					2	3			
Arkansas.....	8	8	60.0	.3256											2	4	2		
California.....	2	2	60.0	.2875											1	1			
Florida.....	4	4	66.0	.2625											1	2	1		
Georgia.....	4	4	64.5	.2290				1							1	1	1		
Louisiana.....	9	9	60.6	.3739											1	3	5		
Minnesota.....	4	7	60.0	.3729												4	3		
Mississippi.....	5	5	62.4	.2541											2	2	1		
Oregon.....	2	2	60.0	.3256												2			
Texas.....	3	3	60.0	.4250												3			
Virginia.....	2	2	66.0	.3182											1		1		
Washington.....	3	3	60.0	.3167												3			
Wisconsin.....	9	11	60.0	.3032											1	5	3	2	
Other States.....	5	7	60.9	.2662											3	3	1		
Total.....	66	74	61.6	.3061				2	1					2	9	20	23	17	
1912.																			
Alabama.....	6	8	65.6	.2088					1	2				1	1	3			
Arkansas.....	8	8	60.0	.3306											1	5	2		
California.....	2	2	60.0	.2875											1	1			
Florida.....	4	4	66.0	.2671											1	3			
Georgia.....	4	4	64.5	.2352					2						1	1			
Louisiana.....	9	9	60.6	.3716												5	4		
Minnesota.....	4	7	60.0	.3764											3	4			
Mississippi.....	5	5	62.5	.2461											1	2	1		
Oregon.....	2	2	60.0	.3250												2			
Texas.....	3	3	60.0	.4250												3			

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, GANG: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.										
					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.
<b>1912.</b>															
Virginia.....	2	2	66.0	\$0.3296	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Washington.....	3	3	60.0	.3250	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Wisconsin.....	9	12	60.0	.3000	.....	.....	.....	.....	.....	.....	.....	7	3	2	.....
Other States.....	5	6	61.0	.2773	.....	.....	.....	.....	.....	.....	.....	4	.....	1	.....
Total.....	66	75	61.6	.3058	.....	.....	1	4	.....	2	4	23	24	17	.....

## SAWYERS, RESAW: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.										
					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.
<b>1911.</b>															
Arkansas.....	2	3	62.0	\$0.2408	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
California.....	7	14	60.0	.2343	.....	.....	.....	.....	.....	1	8	4	1	.....	.....
Florida.....	2	2	60.0	.1950	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Georgia.....	2	2	62.8	.1909	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
Louisiana.....	2	2	63.0	.2034	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Maine.....	4	4	61.3	.2274	.....	.....	.....	.....	.....	1	2	1	.....	.....	.....
Michigan.....	7	11	60.0	.2418	.....	.....	.....	.....	.....	5	.....	6	.....	.....	.....
Minnesota.....	5	11	60.0	.2886	.....	.....	.....	.....	.....	.....	5	6	.....	.....	.....
Mississippi.....	2	2	66.0	.2046	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
North Carolina.....	8	9	62.6	.1733	.....	.....	3	5	.....	.....	1	.....	1	.....	.....
Oregon.....	4	6	59.9	.3005	.....	.....	.....	.....	.....	1	1	4	.....	.....	.....
Pennsylvania.....	4	8	63.4	.2392	.....	.....	.....	.....	.....	4	4	4	2	.....	.....
South Carolina.....	4	5	61.2	.2214	.....	1	1	1	.....	3	2	.....	.....	.....	.....
Tennessee.....	5	6	60.0	.2204	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....
Virginia.....	3	3	60.5	.1735	.....	1	1	1	.....	1	.....	1	.....	.....	.....
Washington.....	16	24	60.0	.3125	.....	.....	.....	.....	.....	7	16	1	.....	.....	.....
West Virginia.....	4	4	63.0	.2864	.....	.....	.....	.....	.....	3	1	.....	.....	.....	.....
Wisconsin.....	16	32	60.0	.2506	.....	.....	.....	.....	2	13	9	8	.....	.....	.....
Other States.....	1	1	60.0	.2500	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Total.....	98	149	60.7	.2515	.....	.....	5	9	8	43	45	38	1	.....	.....
<b>1912.</b>															
Arkansas.....	2	3	62.0	.2408	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....
California.....	7	13	60.0	.2385	.....	.....	.....	.....	.....	8	4	1	.....	.....	.....
Florida.....	2	2	60.0	.2000	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....
Georgia.....	2	2	62.8	.2159	.....	.....	1	1	1	2	.....	1	.....	.....	.....
Louisiana.....	2	2	63.0	.2159	.....	.....	1	1	1	1	.....	1	.....	1	.....
Maine.....	4	4	61.3	.2337	.....	.....	1	1	1	2	1	2	1	.....	.....
Michigan.....	7	10	60.0	.2425	.....	.....	1	1	1	4	6	1	.....	.....	.....
Minnesota.....	5	13	60.0	.2982	.....	.....	1	1	1	3	10	1	.....	.....	.....
Mississippi.....	2	2	66.0	.1932	.....	1	1	1	1	1	1	1	1	1	1
North Carolina.....	8	9	62.5	.1748	.....	3	4	1	1	1	1	1	1	1	1
Oregon.....	4	7	59.9	.3005	.....	.....	1	1	1	1	2	4	4	2	4
Pennsylvania.....	4	8	63.4	.2392	.....	.....	1	1	1	1	4	4	4	4	4
South Carolina.....	4	5	61.2	.2264	.....	2	1	1	1	1	1	2	1	2	2
Tennessee.....	5	6	60.0	.2208	.....	1	1	1	1	1	1	3	2	2	2
Virginia.....	3	3	60.5	.1735	.....	1	1	1	1	1	1	1	1	1	1
Washington.....	16	23	60.0	.3174	.....	.....	1	1	1	1	1	15	1	1	1
West Virginia.....	4	4	63.0	.2864	.....	.....	2	11	9	9	8	1	1	1	1
Wisconsin.....	16	30	60.0	.2532	.....	.....	2	11	9	9	8	1	1	1	1
Other States.....	1	1	60.0	.2500	.....	.....	1	1	1	1	1	1	1	1	1
Total.....	98	147	60.7	.2556	.....	.....	5	8	6	40	46	41	1	1	1

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SETTERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Average nomi- nal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
<b>1911.</b>																
Alabama.....	13	19	64.7	\$0.1834	.....	.....	4	6	3	6	.....	.....	.....	.....	.....	.....
Arkansas.....	19	35	60.9	.2455	.....	.....	13	22	.....	.....	.....	.....	.....	.....	.....	.....
California.....	14	28	60.2	.2656	.....	.....	10	14	3	1	.....	.....	.....	.....	.....	.....
Florida.....	9	16	63.4	.2188	.....	.....	5	7	3	1	.....	.....	.....	.....	.....	.....
Georgia.....	16	21	65.1	.1813	.....	1	8	.....	2	8	2	.....	.....	.....	.....	.....
Louisiana.....	21	53	61.0	.2584	.....	.....	.....	.....	.....	17	24	12	.....	.....	.....	.....
Maine.....	10	31	61.8	.2786	.....	.....	.....	.....	.....	.....	18	13	.....	.....	.....	.....
Michigan.....	25	70	60.0	.2774	.....	.....	.....	.....	.....	2	46	22	.....	.....	.....	.....
Minnesota.....	8	81	60.0	.3264	.....	.....	.....	.....	.....	.....	.....	81	.....	.....	.....	.....
Mississippi.....	15	42	64.7	.1972	.....	.....	6	7	7	18	4	.....	.....	.....	.....	.....
North Carolina.....	17	33	63.2	.1729	.....	7	6	7	3	10	.....	.....	.....	.....	.....	.....
Oregon.....	4	7	59.9	.2864	.....	.....	.....	.....	.....	.....	5	2	.....	.....	.....	.....
Pennsylvania.....	14	24	62.8	.2450	.....	.....	.....	.....	.....	11	13	.....	.....	.....	.....	.....
South Carolina.....	7	15	62.0	.1925	.....	2	1	2	3	5	2	.....	.....	.....	.....	.....
Tennessee.....	27	34	60.5	.2047	.....	6	8	.....	12	7	1	.....	.....	.....	.....	.....
Texas.....	12	32	60.0	.2469	.....	.....	.....	.....	.....	11	20	1	.....	.....	.....	.....
Virginia.....	11	22	63.3	.1645	.....	2	10	5	2	3	.....	.....	.....	.....	.....	.....
Washington.....	19	39	60.0	.2835	.....	.....	.....	.....	.....	2	17	20	.....	.....	.....	.....
West Virginia.....	16	31	62.2	.2546	.....	.....	.....	.....	.....	8	19	4	.....	.....	.....	.....
Wisconsin.....	24	81	60.0	.2681	.....	.....	.....	.....	17	28	36	.....	.....	.....	.....	.....
Total.....	301	714	61.3	.2506	.....	1	19	33	35	25	160	244	196	1	.....	.....
<b>1912.</b>																
Alabama.....	13	20	64.5	.1877	.....	.....	5	2	6	7	.....	.....	.....	.....	.....	.....
Arkansas.....	19	35	60.9	.2496	.....	.....	.....	.....	.....	9	26	.....	.....	.....	.....	.....
California.....	14	29	60.2	.2660	.....	.....	.....	.....	.....	10	15	3	1	.....	.....	.....
Florida.....	9	15	63.2	.2193	.....	.....	4	7	3	1	.....	.....	.....	.....	.....	.....
Georgia.....	16	22	65.2	.1834	.....	1	8	1	1	1	7	3	.....	.....	.....	.....
Louisiana.....	21	52	61.0	.2617	.....	.....	.....	.....	.....	13	26	13	.....	.....	.....	.....
Maine.....	10	31	62.1	.2786	.....	.....	.....	.....	.....	20	11	.....	.....	.....	.....	.....
Michigan.....	25	74	60.0	.2697	.....	.....	.....	.....	.....	4	52	18	.....	.....	.....	.....
Minnesota.....	8	84	60.0	.3299	.....	.....	.....	.....	.....	.....	84	.....	.....	.....	.....	.....
Mississippi.....	15	37	64.5	.2076	.....	.....	6	7	20	4	.....	.....	.....	.....	.....	.....
North Carolina.....	17	34	63.1	.1737	.....	3	12	2	9	8	.....	.....	.....	.....	.....	.....
Oregon.....	4	7	59.9	.2864	.....	.....	.....	.....	.....	9	15	2	.....	.....	.....	.....
Pennsylvania.....	14	24	62.8	.2465	.....	.....	.....	.....	.....	9	15	.....	.....	.....	.....	.....
South Carolina.....	7	16	61.9	.1962	.....	3	3	3	4	3	3	.....	.....	.....	.....	.....
Tennessee.....	27	34	60.3	.2032	.....	1	6	9	.....	9	8	1	.....	.....	.....	.....
Texas.....	12	32	60.0	.2508	.....	.....	.....	.....	.....	10	18	4	.....	.....	.....	.....
Virginia.....	11	22	63.3	.1646	.....	3	9	4	2	4	.....	.....	.....	.....	.....	.....
Washington.....	19	39	60.0	.2814	.....	.....	.....	.....	.....	3	17	19	.....	.....	.....	.....
West Virginia.....	16	31	62.3	.2541	.....	.....	.....	.....	.....	9	18	4	.....	.....	.....	.....
Wisconsin.....	24	75	60.0	.2670	.....	.....	.....	19	27	29	.....	.....	.....	.....	.....	.....
Total.....	301	713	61.2	.2518	.....	1	15	36	27	32	152	260	189	1	.....	.....

## TRIMMER OPERATORS: Male.

<b>1910.</b>																
Alabama.....	12	17	64.5	\$0.1442	.....	.....	10	4	3	1	11	.....	.....	.....	.....	.....
Arkansas.....	17	22	61.1	.1872	.....	.....	1	9	1	11	.....	12	2	.....	.....	.....
California.....	9	14	60.4	.2697	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida.....	9	14	63.4	.1502	.....	4	1	4	4	1	1	1	1	1	1	1
Georgia.....	13	13	64.3	.1883	1	4	6	.....	1	1	1	1	1	1	1	1

<sup>1</sup> Including 4 who do doggers' work also.

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Concluded.

## TRIMMER OPERATORS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.																							
					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.	
					Under	under	Under	under	Under	under	Under	under	Under	under	Under	under	Under	under	Under	under	Under	under						
<b>1910.</b>																												
Louisiana.....	10	11	61.6	\$0.2004					1	2	2					3	3											
Michigan.....	14	38	60.0	.2045							2	7			28	1												
Minnesota.....	8	112	60.0	.2404							5				60	29	18											
Mississippi.....	9	17	64.6	.1460					11	4	1					1												
North Carolina.....	14	16	61.6	.1453		3	4	6				2	1															
Oregon.....	3	7	59.9	.2968														3	4									
Pennsylvania.....	13	25	64.0	.2201								5			14	6												
South Carolina.....	5	11	61.6	.1721						4	5				2													
Tennessee.....	24	25	59.5	.1670					5	10	4	1		3	2													
Texas.....	10	27	60.0	.1887							9	9			7	2												
Virginia.....	9	12	63.2	.1531					7	2			2	1														
Washington.....	14	26	60.0	.2908							1				2	11	3											
West Virginia.....	13	15	63.1	.2346							3			7	4	1												
Wisconsin.....	22	81	60.0	.2160						10	7	44		20														
Total.....	228	503	61.0	.2089	1	11	45	37	54	39	192	85	36	3														
<b>1911.</b>																												
Alabama.....	12	14	64.7	.1435					8	4	2				16													
Arkansas.....	19	26	60.9	.1901						1	8	1			2	18	3											
California.....	14	23	60.3	.2746																								
Florida.....	9	14	64.3	.1493		5	1	2	4	1		1																
Georgia.....	15	15	64.8	.1396		4	8	1				1																
Louisiana.....	21	27	61.0	.2102					3	2			17	5														
Maine.....	8	13	61.5	.2334						3			3	6	1													
Michigan.....	25	55	60.0	.2080						3	5		43	4														
Minnesota.....	8	31	60.0	.2613									6	22	3													
Mississippi.....	13	21	64.9	.1569		1	5	10	2	1		2																
North Carolina.....	17	19	62.9	.1445		4	5	6	1	2	1		1															
Oregon.....	4	8	59.9	.2941												3	5											
Pennsylvania.....	14	22	63.3	.2143						1	2		2		13	4												
South Carolina.....	7	13	61.8	.1677					2	4	4		3															
Tennessee.....	27	27	60.1	.1769					4	8	4		9	2														
Texas.....	12	24	60.0	.1919							11		2	10	1													
Virginia.....	11	12	63.3	.1603		1	5	2			2		1		1													
Washington.....	18	26	60.0	.3023								1		5	4	12	4											
West Virginia.....	16	18	62.9	.2338								3	10	4	1													
Wisconsin.....	24	71	60.0	.2230							8	5	33	23														
Total.....	294	479	61.3	.2092		15	38	42	54	25	176	100	25	4														
<b>1912.</b>																												
Alabama.....	12	14	64.7	.1440		1	8	2	2	1																		
Arkansas.....	19	26	60.7	.1799			1	6	4	4		11																
California.....	14	26	60.2	.2671		5	1		5	1		5	19	2														
Florida.....	9	13	64.2	.1505		4	5	3		1		1																
Georgia.....	15	15	64.1	.1460		4	5	3		1		1																
Louisiana.....	21	29	61.1	.2148					2	2	1		18	6														
Maine.....	8	13	61.5	.2361						3			3	5	2													
Michigan.....	25	54	60.0	.2129					2	4		44	4															
Minnesota.....	8	29	60.0	.2655									4	25														
Mississippi.....	13	18	64.7	.1643		1	3	8	1	2		3																
North Carolina.....	17	20	63.1	.1448		4	3	9	2	1		1																
Oregon.....	4	8	59.9	.3003											3	5	5											
Pennsylvania.....	14	18	63.1	.2158					1	2	1		10	4														
South Carolina.....	7	11	61.5	.1633					3	2	3		3															
Tennessee.....	27	27	59.9	.1782					3	7	6	1		8	2													
Texas.....	12	18	60.0	.1931						1	6		11															
Virginia.....	11	12	63.3	.1665					4	3	1	2	1	1														
Washington.....	18	27	60.0	.3109									7	2	13	5												
West Virginia.....	16	17	62.7	.2437								1	8	6	2													
Wisconsin.....	24	46	60.0	.2110							9	4	26	6	1													
Total.....	294	441	61.3	.2104		15	31	44	48	24	165	84	25	5														

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

State, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
CARRIAGE MEN, MALE.																
Alabama:																
13 establish- ments.	{1910	60	64.7	\$0.1484	—	8	22	15	7	4	4	—	—	—	—	—
	{1911	60	64.7	.1503	—	8	22	15	7	3	5	—	—	—	—	—
Arkansas:																
17 establish- ments.	{1910	108	61.3	.1913	—	—	—	19	42	10	17	20	—	—	—	—
	{1911	106	61.2	.1918	—	—	—	17	43	10	18	18	—	—	—	—
California:																
9 establish- ments.	{1910	39	60.3	.2472	—	—	—	—	—	—	20	17	1	1	—	—
	{1911	33	60.4	.2564	—	—	—	—	—	—	13	18	1	1	—	—
Florida:																
9 establish- ments.	{1910	53	62.6	.1691	—	—	—	11	22	6	5	6	2	1	—	—
	{1911	53	62.6	.1691	—	—	—	10	21	7	6	6	2	1	—	—
Georgia:																
14 establish- ments.	{1910	38	63.9	.1513	1	4	16	6	5	2	2	2	—	—	—	—
	{1911	38	63.9	.1557	1	4	14	8	5	—	4	2	—	—	—	—
Louisiana:																
10 establish- ments.	{1910	58	60.6	.2016	—	—	1	4	17	7	15	12	2	—	—	—
	{1911	60	60.6	.2027	—	—	1	3	14	11	17	13	1	—	—	—
Maine:																
7 establish- ments.	{1910	28	61.8	.2790	—	—	—	—	—	—	2	13	13	—	—	—
	{1911	29	61.9	.2806	—	—	—	—	—	—	—	15	14	—	—	—
Michigan:																
22 establish- ments.	{1910	121	60.0	.2445	—	—	—	—	—	—	1	2	58	45	15	—
	{1911	121	60.0	.2479	—	—	—	—	—	—	1	2	52	50	16	—
Minnesota:																
8 establish- ments.	{1910	108	60.0	.2966	—	—	—	—	—	—	25	5	78	—	—	—
	{1911	121	60.0	.2984	—	—	—	—	—	—	24	8	85	—	—	—
Mississippi:																
9 establish- ments.	{1910	91	64.6	.1542	—	2	48	9	14	5	12	1	—	—	—	—
	{1911	79	64.2	.1574	—	—	36	16	12	3	10	2	—	—	—	—
North Carolina:																
14 establish- ments.	{1910	59	61.9	.1526	—	1	30	7	11	4	6	—	—	—	—	—
	{1911	59	61.9	.1551	—	1	27	10	9	3	9	—	—	—	—	—
Oregon:																
3 establish- ments.	{1910	21	59.9	.2554	—	—	—	—	—	—	6	14	1	—	—	—
	{1911	15	59.8	.2592	—	—	—	—	—	—	4	10	1	—	—	—
Pennsylvania:																
13 establish- ments.	{1910	48	63.7	.2258	—	—	—	—	—	9	21	18	—	—	—	—
	{1911	42	63.6	.2302	—	—	—	—	—	7	16	19	—	—	—	—
South Carolina:																
5 establish- ments.	{1910	34	61.5	.1583	—	18	3	4	2	5	2	—	—	—	—	—
	{1911	34	61.5	.1593	—	18	3	3	3	3	5	2	—	—	—	—
Tennessee:																
24 establish- ments.	{1910	60	59.8	.1777	—	5	15	23	2	11	3	1	—	—	—	—
	{1911	60	59.8	.1814	—	5	13	22	2	12	5	1	—	—	—	—
Texas:																
10 establish- ments.	{1910	85	60.0	.2001	—	—	2	37	2	25	14	1	—	—	—	—
	{1911	76	60.0	.2026	—	—	6	22	2	32	14	—	—	—	—	—
Virginia:																
9 establish- ments.	{1910	57	62.7	.1436	—	12	22	10	8	2	3	—	—	—	—	—
	{1911	57	62.7	.1447	—	12	18	14	8	2	3	—	—	—	—	—
Washington:																
14 establish- ments.	{1910	84	60.0	.2480	—	—	—	—	—	42	30	12	—	—	—	—
	{1911	84	60.0	.2448	—	—	—	—	—	42	28	10	—	—	—	—
DOGGERS, MALE.																
Alabama:																
13 establish- ments.	{1911	39	64.8	.1352	—	8	20	10	1	—	—	—	—	—	—	—
	{1912	41	65.0	.1350	—	8	21	10	2	—	—	—	—	—	—	—
Arkansas:																
19 establish- ments.	{1911	69	60.9	.1687	—	—	—	16	39	12	2	—	—	—	—	—
	{1912	73	60.8	.1702	—	—	—	19	39	10	5	—	—	—	—	—

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.										
					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.
DOGGERS, MALE—concluded.															
California:															
13 establishments.	(1911	32	60.2	\$0.2276									27	5	
	(1912	33	60.2	.2263									28	5	
Florida:															
9 establishments.	(1911	39	63.2	.1495		1	10	22	5	1					
	(1912	35	63.3	.1499			8	20	7						
Georgia:															
13 establishments.	(1911	27	64.1	.1362	2	2	12	9	2						
	(1912	28	64.0	.1398		5	10	11	2						
Louisiana:															
21 establishments.	(1911	91	60.5	.1816			4	4	39	11	33				
	(1912	91	60.5	.1826			3	4	37	12	35				
Maine:															
4 establishments.	(1911	8	63.8	.2209								1	6	1	
	(1912	10	64.0	.2090								3	6	1	
Michigan:															
25 establishments.	(1911	73	60.0	.2176								1	2	62	8
	(1912	86	60.0	.2076								11	9	62	4
Minnesota:															
4 establishments.	(1911	31	60.0	.2311									25	6	
	(1912	30	60.0	.2313									24	6	
Mississippi:															
15 establishments.	(1911	73	64.3	.1411				49	15	9					
	(1912	62	64.3	.1443				33	21	8					
North Carolina:															
15 establishments.	(1911	41	62.8	.1336		3	30	6	2						
	(1912	42	62.7	.1358		3	28	8	3						
Oregon:															
4 establishments.	(1911	14	59.9	.2470									3	11	
	(1912	14	59.9	.2470									3	11	
Pennsylvania:															
10 establishments.	(1911	13	64.4	.2055								4	9		
	(1912	13	64.4	.1977								8	5		
South Carolina:															
6 establishments.	(1911	24	61.4	.1311			20	4							
	(1912	26	61.4	.1382			16	9	1						
Tennessee:															
26 establishments.	(1911	40	60.4	.1610			6	18	10				6		
	(1912	40	60.0	.1633		1	4	16	10	3			6		
Texas:															
12 establishments.	(1911	42	60.0	.1837					3	22	2	15			
	(1912	44	60.0	.1810					3	24	2	15			
Virginia:															
11 establishments.	(1911	44	63.3	.1291		14	20	9	1						
	(1912	42	63.5	.1305		8	25	7	2						
Washington:															
19 establishments.	(1911	63	60.0	.2215								3	1	41	22
	(1912	67	60.0	.2233								3	1	42	21
West Virginia:															
14 establishments.	(1911	24	62.4	.1980								4	7	13	
	(1912	23	62.3	.2036								3	5	13	2
Wisconsin:															
20 establishments.	(1911	65	60.0	.2054								11	11	32	11
	(1912	69	60.0	.2070								10	13	34	12
EDGERMEN, MALE.															
Alabama:															
13 establishments.	(1910	22	64.6	.1788		2	1	6	2	3	8				
	(1911	22	64.6	.1834		2	1	5	2	4	8				
13 establishments.	(1911	20	64.7	.1800		2	1	3	3	4	7				
	(1912	18	64.6	.1945			1	3		5	8	1			
Arkansas:															
17 establishments.	(1910	51	60.9	.2568			1					12	31	7	
	(1911	50	60.7	.2570			1					10	34	5	
19 establishments.	(1911	57	60.6	.2558			1					12	39	5	
	(1912	52	60.6	.2570								1	8	39	3

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
EDGERMEN, MALE—contd.																
California:																
9 establishments.	1910	18	60.3	\$0.3437										17	1	
	1911	16	60.4	.3491										14	2	
14 establishments.	1911	26	60.2	.3390									4	19	3	
	1912	32	60.2	.3393									3	27	2	
Florida:																
9 establishments.	1910	15	62.8	.2355					1	1	7	3	3			
	1911	15	62.8	.2404					1	1	7	2	4			
9 establishments.	1911	15	63.6	.2330							3	7	2	3		
	1912	15	63.6	.2330							3	8	1	3		
Georgia:																
14 establishments.	1910	15	64.1	.1973		2	2			5	3	3	3			
	1911	15	64.1	.2026		2	2			3	5	2	1			
16 establishments.	1911	18	64.6	.2019		2	2		4	7	2	1				
Louisiana:																
10 establishments.	1910	22	60.8	.2510			1				4	15	2			
	1911	21	60.9	.2581			1				4	11	5			
21 establishments.	1911	55	60.9	.2713			1				7	31	15	1		
	1912	59	61.0	.2692					2		5	33	13	1		
Maine:																
7 establishments.	1910	18	62.5	.2964							2	8	8			
	1911	19	62.6	.2931							2	7	10			
10 establishments.	1911	22	62.5	.2949							2	8	12			
Michigan:											4	3	6	11		
22 establishments.	1910	58	60.0	.2588							9	48	1			
	1911	59	60.0	.2606							8	50	1			
25 establishments.	1911	70	60.0	.2618							8	60	1	1		
Minnesota:											10	57	1	1		
8 establishments.	1910	64	60.0	.3113							5	2	57			
	1911	65	60.0	.3199									64	1		
7 establishments.	1911	61	60.0	.3212									60	1		
	1912	62	60.0	.3099								4		58		
Mississippi:																
9 establishments.	1910	32	64.5	.1980				4		13	14	1				
	1911	29	64.1	.2048				3		8	15	3				
15 establishments.	1911	41	64.2	.2125				3		12	19	6	1			
North Carolina:											7	18	6	1		
14 establishments.	1910	22	61.9	.1761				5	3	5	5	3		1		
	1911	22	61.9	.1769				5	3	6	2	5		1		
17 establishments.	1911	26	63.0	.1722		2	4	5	7	2	5		1			
	1912	28	63.2	.1688		2	5	8	7		5		1			
Oregon:																
3 establishments.	1910	7	59.9	.3544									4	3		
	1911	5	59.8	.3613									3	2		
4 establishments.	1911	7	59.9	.3723									3	4		
Pennsylvania:														3	4	
13 establishments.	1910	25	63.8	.2458								10	15			
	1911	22	63.7	.2494								8	14			
14 establishments.	1911	19	63.3	.2565							1	8	8	1	1	
	1912	20	63.1	.2599							1	8	9	1	1	

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
EDGERMEN, MALE—concl'd.																
South Carolina: 5 establishments.	{1910 1911	13 13	61.4 61.4	\$0.2108 .2134				3	1	1	6	3				
7 establishments.	{1911 1912	15 16	61.6 61.5	.2069 .2112			1	2	1	1	6	4				
Tennessee: 24 establishments.	{1910 1911	26 26	59.8 59.8	.2001 .2071				4	5	2	10	5				
27 establishments.	{1911 1912	32 32	60.5 60.3	.2121 .2163			1	2	4		15	9				
Texas: 10 establishments.	{1910 1911	36 31	60.0 60.0	.2592 .2566							7	26	3			
12 establishments.	{1911 1912	34 33	60.0 60.0	.2522 .2624							12	21	1			
Virginia: 9 establishments.	{1910 1911	18 18	62.9 62.9	.1568 .1582			8	3	4	2	1					
11 establishments.	{1911 1912	22 21	63.5 63.7	.1581 .1632		1	7	6	3	3	2					
Washington: 14 establishments.	{1910 1911	22 20	60.0 60.0	.3450 .3620								1	17	3	1	
18 establishments.	{1911 1912	24 26	60.0 60.0	.3590 .3592								1	17	5	1	
West Virginia: 13 establishments.	{1910 1911	20 20	62.6 62.6	.2773 .2810							2	10	8			
16 establishments.	{1911 1912	26 26	62.2 62.2	.2825 .2811							1	15	10			
Wisconsin: 22 establishments.	{1910 1911	81 81	60.0 60.0	.2692 .2724							1	11	41	30		
24 establishments.	{1911 1912	94 91	60.0 60.0	.2735 .2710							1	10	48	35		
1 LABORERS, MALE.											1	12	52	26		
Alabama: 3 establishments.	{1907 1908 1909 1910	180 165 171 177	62.2 62.3 62.3 62.2	.1311 .1246 .1259 .1300	3 13 12 11	26 38 35 23	95 86 88 90	56 28 36 53								
13 establishments.	{1910 1911	1,101 1,094	64.2 64.2	.1182 .1206	110 82	516 513	351 356	119 137	4 5	1 1						
13 establishments.	{1911 1912	1,190 1,403	64.5 64.8	.1197 .1207	143 83	584 572	314 618	141 104	7 13	1 6	1 7					
Arkansas: 17 establishments.	{1910 1911	954 949	60.6 60.6	.1522 .1545	4 3	8 7	152 124	506 486	215 248	45 45	22 34	2 2				
19 establishments.	{1911 1912	1,936 2,142	60.4 60.6	.1515 .1544	7 1	7 34	345 275	1,064 1,163	384 467	56 66	69 132	4 4				
California: 2 establishments.	{1907 1908 1909 1910	277 250 311 379	60.0 60.0 60.0 60.0	.2192 .2072 .2005 .2025							256 48 101 94	19 16 19 21	2 2 1 2			

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal full-time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
LABORERS, MALE—contd.																
California—Con- 9 establish- ments.	(1910)	871	60.1	\$0.2032						172	69	584	43	3		
	(1911)	741	60.1	.2073						138	68	428	102	5		
14 establish- ments.	(1911)	1,206	60.1	.2013					1	266	189	637	106	7		
	(1912)	1,311	60.1	.2015					1	331	170	672	127	10		
Florida:																
3 establish- ments.	(1907)	211	60.0	.1501				23	162	16	10					
	(1908)	162	60.0	.1411				104	34	34	24					
	(1909)	159	60.0	.1449				38	95	26						
	(1910)	160	60.0	.1491				33	100	17	10					
9 establish- ments.	(1910)	687	62.1	.1315	8	121	332	180	35	11						
	(1911)	684	62.1	.1332	7	126	285	221	34	11						
9 establish- ments:	(1911)	799	63.2	.1285	9	214	374	147	41	14						
	(1912)	1,013	63.3	.1324	11	264	382	281	59	13	3					
Georgia:																
14 establish- ments.	(1910)	872	63.7	.1197	65	448	239	102	18							
	(1911)	867	63.7	.1223	44	411	270	120	22							
16 establish- ments.	(1911)	1,159	64.3	.1199	111	565	325	135	23							
	(1912)	1,062	64.4	.1246	59	409	421	121	49	2	1					
Louisiana:																
10 establish- ments.	(1910)	591	61.4	.1527	1	85	50	252	143	18	41	1				
	(1911)	581	61.4	.1541	1	81	51	217	172	10	47	2				
21 establish- ments.	(1911)	2,459	61.4	.1525	11	224	376	1,018	599	35	190	6				
	(1912)	2,398	61.1	.1611	9	133	272	872	767	73	230	25	9	8		
Maine:																
2 establish- ments.	(1907)	257	60.0	.1779					31	165		61				
	(1908)	309	60.0	.1807					32	181	5	82				
	(1909)	312	60.0	.1824				5	23	184	10	90				
	(1910)	303	60.0	.1830				3	23	175	15	87				
7 establish- ments.	(1910)	633	61.5	.1833	2	10	22	32	296	64	206	3				
	(1911)	665	61.6	.1828	2	5	28	27	325	73	202	3				
10 establish- ments.	(1911)	732	61.7	.1826	2	5	35	30	344	63	214	39				
	(1912)	515	62.0	.1870		1	8	11	192	98	186	18	1			
Michigan:																
5 establish- ments.	(1907)	428	60.0	.1760				4	66	152	166	40				
	(1908)	418	60.0	.1753				4	71	141	164	38				
	(1909)	412	60.0	.1763				5	69	123	172	42	1			
	(1910)	421	60.0	.1824				3	23	143	184	65	3			
22 establish- ments.	(1910)	1,953	60.0	.1746				13	109	1,202	463	157	9			
	(1911)	1,976	60.0	.1754				11	85	1,214	490	164	12			
25 establish- ments.	(1911)	2,206	60.0	.1750				22	95	1,381	501	199	8			
	(1912)	1,766	60.0	.1757		1	17	56	1,117	338	235	2				
Minnesota:																
8 establish- ments.	(1910)	1,210	60.0	.2125				2	23	181	861	132	11			
	(1911)	1,235	60.0	.2150				2	13	132	926	155	7			
7 establish- ments.	(1911)	1,213	60.0	.2142				4	28	119	891	164	7			
	(1912)	1,269	60.0	.2199				21	104	913	214	15	2			
Mississippi:																
10 establish- ments.	(1910)	1,026	64.6	.1259	49	413	382	118	34	16	10	4				
	(1911)	877	64.4	.1265	19	358	344	111	26	14	5					
15 establish- ments.	(1911)	1,886	64.5	.1275	54	660	929	151	46	36	10					
	(1912)	1,624	64.5	.1301	32	482	812	201	42	33	19	3				
North Carolina:																
4 establish- ments.	(1907)	359	62.9	.1229	33	82	207	27	9	1						
	(1908)	298	63.9	.1161	50	136	94	12	2	1	2	1				
	(1909)	303	63.9	.1142	52	149	87	9	3	1	2					
	(1910)	327	63.4	.1162	25	178	104	13	6	1						

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.										
					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.
LABORERS MALE—contd.															
North Carolina—Concluded.															
14 establishments.	{1910 (1911	964 988	62.1 62.3	\$0.1172 .1199	55 32	476 454	336 376	87 114	9 10	1 2	— —	— —	— —	— —	— —
17 establishments.	{1911 (1912	1,345 1,321	63.0 62.7	.1180 .1219	83 26	670 625	467 486	112 148	12 30	1 5	— 1	— —	— —	— —	— —
Oregon:															
2 establishments.	{1907 1908 1909 (1910	310 385 318 502	59.8 59.8 59.7 59.8	.2342 .1927 .1949 .2237	— — — —	— — — —	— — — —	— — — —	— — — —	210 150 150 414	206 151 156 88	02 24 12 —	2 — — —	2 — — —	
3 establishments.	{1910 (1911	613 332	59.8 59.8	.2237 .2241	— —	— —	— —	— —	— —	— —	— —	491 247	121 83	1 2	— —
4 establishments.	{1911 (1912	458 483	59.8 59.9	.2284 .2320	— —	— —	— —	— —	— —	— 2	— —	294 299	161 160	3 22	— —
Pennsylvania:															
5 establishments.	{1907 1908 1909 (1910	137 146 165 165	63.3 63.0 62.7 62.8	.1808 .1818 .1823 .2001	— — — —	— — — —	— — — —	10 8 7 2	49 66 80 49	52 48 49 51	26 24 29 39	— — — 24	— — — 24	— — — —	— — — —
13 establishments.	{1910 (1911	772 676	63.1 63.2	.1960 .1938	— —	— —	— —	9 5	118 114	299 262	303 276	43 19	— —	— —	— —
14 establishments.	{1911 (1912	518 654	63.4 63.1	.1929 .1900	— —	2 2	1 6	1 16	88 163	217 232	192 215	17 20	— —	— —	— —
South Carolina:															
2 establishments.	{1907 1908 1909 (1910	84 84 88 96	62.1 62.1 62.1 62.2	.1098 .1069 .1111 .1136	41 50 37 26	— — — 32	43 34 5 38	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	
5 establishments.	{1910 (1911	618 603	61.3 61.3	.1097 .1143	145 64	257 288	182 209	34 47	— —	— —	— —	— —	— —	— —	— —
7 establishments.	{1911 (1912	721 871	61.5 61.1	.1143 .1156	71 63	355 423	244 326	48 44	2 12	1 2	1 1	— —	— —	— —	— —
Tennessee:															
2 establishments.	{1907 1908 1909 (1910	89 86 89 65	60.0 60.0 60.0 60.0	.1517 .1089 .1464 .1481	— — — —	— — — —	5 30 32 5	75 48 49 52	6 6 6 6	3 2 2 2	— — — —	— — — —	— — — —	— — — —	
23 establishments.	{1910 (1911	716 733	59.8 59.8	.1416 .1427	— —	58 34	234 250	357 373	57 66	2 2	8 8	— —	— —	— —	— —
27 establishments.	{1911 (1912	1,006 919	60.4 60.6	.1444 .1462	1 2	40 40	304 286	546 471	96 78	2 10	16 24	1 7	1 1	— —	— —
Texas:															
10 establishments.	{1910 (1911	727 723	60.0 60.0	.1595 .1632	6 —	9 1	97 68	286 292	227 254	13 8	81 92	8 8	— —	— —	— —
12 establishments.	{1911 (1912	1,359 1,380	60.0 60.0	.1607 .1658	— 4	3 82	121 575	648 483	407 35	36 173	134 26	10 1	1 1	— —	— —
Virginia:															
9 establishments.	{1910 (1911	814 785	63.2 63.2	.1154 .1201	100 45	419 386	199 249	70 77	20 20	5 5	1 3	— —	— —	— —	— —
11 establishments.	{1911 (1912	826 788	63.0 63.4	.1218 .1221	27 59	320 301	362 291	85 101	24 26	5 6	3 4	— —	— —	— —	— —

<sup>1</sup> Boy.

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
LABORERS, MALE—concl'd.																
Washington:																
3 establishments.	1907	971	60.0	\$0.2187					13	29	833	93	3			
	1908	569	60.0	.1765		1	207	145	83	120	13					
	1909	777	60.0	.1927			4	218	302	218	34	1				
	1910	1,158	60.0	.2060			8	10	294	782	63	1				
14 establishments.	1910	2,132	60.0	.2108			8	23	294	1,628	166	13				
	1911	1,628	60.0	.2071				194	307	965	144	18				
18 establishments.	1911	2,137	60.0	.2083				40	228	307	1,344	179	39			
	1912	1,982	60.0	.2147				25	309	152	1,172	245	72	5		12
West Virginia:																
13 establishments.	1910	532	62.8	.1900		2	3	41	99	198	162	26	1			
	1911	526	62.9	.1948			5	23	64	204	200	22	8			
16 establishments.	1911	790	62.2	.1926			7	23	210	218	301	22	9			
	1912	767	62.4	.1933	1		8	12	190	198	319	30	9			
Wisconsin:																
7 establishments.	1907	724	60.0	.1758				13	538	117	56					
	1908	725	60.0	.1670			3	138	457	123	4					
	1909	743	60.0	.1683			2	110	484	140	7					
	1910	774	60.0	.1738			3	44	450	259	18					
22 establishments.	1910	2,541	60.0	.1821			8	210	1,065	482	754	22				
	1911	2,588	60.0	.1826			12	229	1,044	438	843	22				
24 establishments.	1911	2,838	60.0	.1837			12	221	1,126	473	975	30	1			
	1912	1,838	60.0	.1849			13	55	828	384	515	30	13			
PLANER FEEDERS, MALE.																
Alabama:																
7 establishments.	1911	43	64.7	.1304		8	29	5	1							
	1912	46	64.7	.1301	1	6	34	4	1							
Arkansas:																
18 establishments.	1911	199	60.5	.1663			15	62	84	16	20	2				
	1912	203	60.4	.1687		3	10	52	85	22	30	1				
California:																
10 establishments.	1911	38	60.0	.2439					3	3	13	13	5	1		
	1912	43	60.0	.2372					4	3	21	9	6			
Florida:																
4 establishments.	1911	23	62.2	.1468		1	9	4	9							
	1912	25	62.4	.1678			10	5	4	1	2	2	1			
Georgia:																
8 establishments.	1911	27	63.0	.1361			8	8	7	4						
	1912	27	63.0	.1469		1	14	6	3	1	2					
Louisiana:																
20 establishments.	1911	179	61.4	.1645			8	43	92	9	27					
	1912	166	60.9	.1745		1	2	20	94	22	27					
Maine:																
4 establishments.	1911	8	63.8	.2209					1	2	2	2	3			
	1912	9	63.9	.2323					2	4	3					
Michigan:																
4 establishments.	1911	48	60.0	.1993					1	6	17	17	5	2		
	1912	56	60.0	.1891					1	13	26	13	3			
Minnesota:																
4 establishments.	1911	46	60.0	.2228					1	1	33	11				
	1912	49	60.0	.2256					1	1	30	17				
Mississippi:																
14 establishments.	1911	95	64.2	.1390		15	46	28	4		2					
	1912	81	64.2	.1440		10	30	33	5		3					
North Carolina:																
8 establishments.	1911	44	63.3	.1379		5	18	14	7							
	1912	45	63.3	.1432		4	17	13	8	2	1					

<sup>1</sup> Stackers (pieceworkers).

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
PLANER FEEDERS, MALE—concl'd.																
Oregon:																
4 establishments.	1911	39	59.9	\$0.2786										31	8	
	1912	42	59.9	.2778										33	9	
Pennsylvania:																
8 establishments.	1911	10	63.3	.2322						1	1	3	5			
	1912	10	63.3	.2332						2	3	5				
South Carolina:																
3 establishments.	1911	12	63.1	.1327		3	4	5								
	1912	11	62.9	.1316		8	3									
Tennessee:																
6 establishments.	1911	14	62.6	.1568		5	3	1	3	2						
	1912	17	62.5	.1585		7	4		3	3	3					
Texas:																
12 establishments.	1911	106	60.0	.1672		3	8	24	53	2	16					
	1912	103	60.0	.1748		3	17	61	3	17	2					
Virginia:																
4 establishments.	1911	20	61.8	.1559		5	2	5	2		6					
	1912	18	61.1	.1665		2	3	2	6	1	4					
Washington:																
16 establishments.	1911	93	60.0	.2375							42	48	3			
	1912	100	60.0	.2419							42	52	4			
West Virginia:																
11 establishments.	1911	30	62.7	.2086					1	7	18	4				
	1912	31	62.6	.2096					1	7	19	4				
Wisconsin:																
13 establishments.	1911	82	60.0	.1917				2	18	23	39					
	1912	83	60.0	.1948				2	12	23	46					
SAWYERS, BAND, MALE.																
Alabama:																
7 establishments.	1910	12	64.2	.5457									1	1	9	1
	1911	12	64.2	.5574									2	8	2	
7 establishments.	1911	9	64.3	.5400									2	6	1	
	1912	8	64.1	.5524									1	6	1	
Arkansas:																
14 establishments.	1910	28	61.3	.6326									1	3	24	
	1911	28	61.3	.6434									2	2	25	
16 establishments.	1911	33	61.1	.6505									1	2	30	
	1912	32	60.9	.6513									1	1	30	
California:																
9 establishments.	1910	16	60.4	.4995									12	1	3	
	1911	15	60.4	.5295									7	5	3	
11 establishments.	1911	25	60.0	.5325									9	13	3	
	1912	26	60.0	.5311									10	11	5	
5 establishments.	1910	9	62.7	.5980									6	3		
	1911	9	62.7	.6091									4	5		
4 establishments.	1911	8	63.0	.5978									4	4		
Georgia:																
4 establishments.	1910	5	62.4	.5618									2		3	
	1911	5	62.4	.5718									2		3	
5 establishments.	1911	7	63.3	.5659									2	2	3	
	1912	7	63.3	.5796									1	3	3	
Louisiana:																
8 establishments.	1910	13	60.9	.6497									1	12		
	1911	13	60.9	.6573									1	12		
17 establishments.	1911	35	60.8	.6550									4	31		
	1912	36	62.4	.6570									4	32		

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.													
					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.		
SAWYERS, BAND, MALE—contd.																		
Maine:																		
6 establish- ments.	1910	17	62.4	\$0.5355											2	10	5	
	1911	18	62.5	.5340											2	11	5	
8 establish- ments.	1911	20	62.3	.5318											2	14	4	
	1912	18	61.9	.5296											3	11	4	
Michigan:																		
19 establish- ments.	1910	45	60.0	.5133											2	9	24	10
	1911	45	60.0	.5133											2	9	24	10
23 establish- ments.	1911	52	60.0	.5120											2	9	31	10
	1912	55	60.0	.5109											2	16	33	10
Minnesota:																		
8 establish- ments.	1910	38	60.0	.6888											2		36	
	1911	48	60.0	.7099											2		46	
7 establish- ments.	1911	43	60.0	.7006											2		41	
	1912	40	60.0	.6963											2		33	
Mississippi:																		
7 establish- ments.	1910	21	64.9	.5541											1	17	3	
	1911	19	64.7	.5416											1	14	3	
9 establish- ments.	1911	25	64.6	.5535											1	19	5	
	1912	19	64.1	.5703												12	7	
North Carolina:																		
11 establish- ments.	1910	20	62.1	.4890											2	7	7	4
	1911	20	62.1	.4890											2	7	7	4
14 establish- ments.	1911	25	63.3	.4671											1	4	6	9
	1912	25	63.3	.4757											1	3	7	11
Oregon:																		
2 establish- ments.	1910	4	59.9	.6515												1	3	
	1911	3	59.8	.6520												1	2	
3 establish- ments.	1911	5	59.9	.6312												2	3	
	1912	5	59.9	.6212												2	3	
Pennsylvania:																		
13 establish- ments.	1910	24	63.7	.4049											9	13	2	
	1911	22	63.7	.4037											9	11	2	
13 establish- ments.	1911	18	63.4	.3776											1	9	8	
	1912	18	63.4	.3818											1	9	8	
South Carolina:																		
4 establish- ments.	1910	10	61.4	.6285													4	6
	1911	10	61.4	.6285													4	6
6 establish- ments.	1911	12	61.6	.6071													6	6
	1912	13	61.6	.6054													7	6
Tennessee:																		
23 establish- ments.	1910	26	59.8	.4151											1	2	5	10
	1911	26	59.8	.4155											2	1	5	10
27 establish- ments.	1911	33	60.5	.4134											2	1	8	13
	1912	33	60.3	.4186											1	1	11	12
Texas:																		
9 establish- ments.	1910	22	60.0	.5795													9	13
	1911	21	60.0	.6024													5	16
10 establish- ments.	1911	23	60.0	.5891													9	14
	1912	21	60.0	.6071													5	16
Virginia:																		
8 establish- ments.	1910	17	63.0	.4827												9	8	
	1911	17	63.0	.4853												9	8	
10 establish- ments.	1911	20	63.6	.4786												12	8	
	1912	20	63.6	.4785												12	8	

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.														
					Un- der 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.			
SAWYERS, BAND, MALE—concl'd.																			
Washington:																			
12 establish- ments.	1910	26	60.0	.5494										2	6	7	11		
	1911	25	60.0	.5544										1	6	8	10		
14 establish- ments.	1911	27	60.0	.5689										1	5	7	14		
	1912	26	60.0	.5856										5	6	6	15		
West Virginia:																			
12 establish- ments.	1910	20	59.5	.4841										5	11	2	2		
	1911	20	59.5	.4863										5	11	2	2		
15 establish- ments.	1911	27	59.9	.4625										1	8	13	4	2	
	1912	27	59.9	.4666										3	18	3	2		
Wisconsin:																			
22 establish- ments.	1910	57	60.0	.5434										1	5	30	21		
	1911	57	60.0	.5491										1	5	30	21		
24 establish- ments.	1911	62	60.0	.5560										1	5	34	22		
	1912	56	60.0	.5487										1	4	34	17		
SAWYERS, CIRCU- LAR, MALE.																			
Alabama:																			
6 establish- ments.	1910	9	65.0	.5044										1	1	5	2		
	1911	9	65.0	.5069										1	1	5	2		
7 establish- ments.	1911	10	65.1	.5108										1	1	6	2		
	1912	10	65.1	.4908										1	2	6	1		
Arkansas:																			
4 establish- ments.	1910	4	60.0	.4717										1		2			
	1911	4	60.0	.4717										1		2			
2 establish- ments.	1911	2	60.0	.5184											2				
	1912	2	60.0	.5434											2				
California:																			
3 establish- ments.	1911	3	62.0	.5173										1	2				
	1912	3	62.0	.5375										1	2				
Florida:																			
4 establish- ments.	1910	7	62.6	.4532										1	3	2	1		
	1911	7	62.6	.4532										1	3	2	1		
5 establish- ments.	1911	8	63.8	.4450										1	1	3	2	1	
	1912	7	63.4	.5355										1	2	2	2		
Georgia:																			
10 establish- ments.	1910	12	65.2	.4536										2	8	1	1		
	1911	12	65.2	.4536										2	8	1	1		
11 establish- ments.	1911	13	65.8	.4607										2	8	2	1		
	1912	13	66.0	.4276										1	3	3	4		
Louisiana:																			
4 establish- ments.	1910	4	60.0	.6375												1	3		
	1911	4	60.0	.6250												1	3		
6 establish- ments.	1911	6	61.0	.6288												2	4		
	1912	6	61.0	.6371												2	4		
Maine:																			
2 establish- ments.	1911	2	65.0	.4500											2				
	1912	2	65.0	.4500											2				
Michigan:																			
7 establish- ments.	1910	14	60.0	.5018											4	10			
	1911	14	60.0	.5107										3	11				
6 establish- ments.	1911	14	60.0	.5107										3	13		1		
	1912	17	60.0	.5206										3	13		1		
Mississippi:																			
3 establish- ments.	1910	6	63.0	.4758										4	2				
	1911	5	63.6	.4709										4	1				
7 establish- ments.	1911	11	64.9	.4785										1	6	4			
	1912	10	64.8	.4991										1	4	4	4	1	

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establish- ments.	Year.	Num- ber of em- ployees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.													
					Un- der 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.		
SAWYERS, CIRCULAR, MALE—concluded.																		
North Carolina:																		
3 establish- ments.	1910	3	60.0	\$0.3333										2	1			
	1911	3	60.0	.3333										2	1			
3 establish- ments.	1911	3	60.0	.3333										2	1			
	1912	3	60.0	.2500										1	1			
Oregon:																		
2 establish- ments.	1910	3	59.8	.7859												3		
	1911	2	59.8	.8033												2		
2 establish- ments.	1911	2	59.8	.8033												2		
	1912	2	59.8	.8033												2		
Pennsylvania:																		
2 establish- ments.	1911	2	62.5	.3010										1	1			
	1912	2	62.5	.3010										1	1			
Texas:																		
3 establish- ments.	1910	5	60.0	.5300											1	2	2	
	1911	5	60.0	.5500											3	2		
4 establish- ments.	1911	5	60.0	.5500											3	2		
	1912	5	60.0	.5500											3	2		
Washington:																		
4 establish- ments.	1910	5	60.0	.5500											1	2	2	
	1911	5	60.0	.5600											1	1	3	
7 establish- ments.	1911	8	60.0	.5875											1	2	5	
	1912	7	60.0	.6143											3	4		
Wisconsin:																		
2 establish- ments.	1910	2	60.0	.5375												2		
	1911	2	60.0	.5375												2		
2 establish- ments.	1911	2	60.0	.5375												2		
	1912	2	60.0	.5375												2		
SAWYERS, GANG, MALE.																		
Alabama:																		
6 establish- ments.	1910	9	65.1	.2360					1				4	4				
	1911	9	65.1	.2360					1				4	4				
6 establish- ments.	1911	7	65.8	.2216				1	1			2	3					
	1912	8	65.6	.2088				1	2			1	1	3				
Arkansas:																		
7 establish- ments.	1910	7	60.0	.3050									1	1	4	1		
	1911	7	60.0	.3086									1	1	4	1		
8 establish- ments.	1911	8	60.0	.3256									2	4	2			
	1912	8	60.0	.3306									1	5	2			
California:																		
3 establish- ments.	1910	3	60.0	.3250									1	1	1			
	1911	3	60.0	.3250									1	1	1			
2 establish- ments.	1911	2	60.0	.2875										1	1			
	1912	2	60.0	.2875										1	1			
Florida:																		
4 establish- ments.	1911	4	66.0	.2625						1			2	1				
	1912	4	66.0	.2671									1	3				
Georgia:																		
4 establish- ments.	1910	4	64.5	.2290					1			1		1	1			
	1911	4	64.5	.2290					1			1		1	1			
4 establish- ments.	1911	4	64.5	.2290					1			1		1	1			
	1912	4	64.5	.2352						2								
Louisiana:																		
9 establish- ments.	1911	9	60.6	.3739										1	3	5		
	1912	9	60.6	.3716										5	4			

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establish- ments.	Year.	Num- ber of em- ploy- ees.	Aver- age nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					Un- der 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
SAWYERS, GANG, MALE—concl'd.																
Minnesota:																
6 establish- ments.	1910	10	60.0	\$0.4010										4	4	2
	1911	8	60.0	.3763										4	4	
7 establish- ments.	1911	7	60.0	.3729										4	3	
	1912	7	60.0	.3764										3	4	
Mississippi:																
4 establish- ments.	1910	4	63.0	.2551									2	1	1	
	1911	4	63.0	.2551									2	1	1	
5 establish- ments.	1911	5	62.4	.2541									1	2	1	
	1912	5	62.5	.2461									1	2	1	
Oregon:																
2 establish- ments.	1911	2	60.0	.3250										2		
	1912	2	60.0	.3250										2		
Texas:																
2 establish- ments.	1910	3	60.0	.3750										2	1	
	1911	2	60.0	.4125										2	1	
3 establish- ments.	1911	3	60.0	.4250										3		
	1912	3	60.0	.4250										3		
Virginia:																
2 establish- ments.	1911	2	66.0	.3182									1		1	
	1912	2	66.0	.3296									1		1	
Washington:																
3 establish- ments.	1910	3	60.0	.3167										3		
	1911	4	60.0	.3250										4		
o establish- ments.	1911	3	60.0	.3167										3		
	1912	3	60.0	.3250										3		
Wisconsin:																
8 establish- ments.	1910	12	60.0	.3092									1	5	3	3
	1911	10	60.0	.2960									1	5	2	2
9 establish- ments.	1911	11	60.0	.3032									1	5	3	2
	1912	12	60.0	.3000									7	3	2	
SAWYERS, RESAW, MALE.																
Arkansas:																
2 establish- ments.	1911	3	62.0	.2408									2	1		
	1912	3	62.0	.2408									2	1		
California:																
7 establish- ments.	1911	14	60.0	.2343									1	8	4	1
	1912	13	60.0	.2385									8	4	1	
Florida:																
2 establish- ments.	1911	2	60.0	.1950									1	1		
	1912	2	60.0	.2000										2		
Georgia:																
2 establish- ments.	1911	2	62.8	.1909									1	1		
	1912	2	62.8	.2159										2		
Louisiana:																
2 establish- ments.	1911	2	63.0	.2034									1	1		
	1912	2	63.0	.2159									1	1		
Maine:																
4 establish- ments.	1911	4	61.3	.2274									1	2	1	
	1912	4	61.3	.2337									1	1	2	
Michigan:																
7 establish- ments.	1911	11	60.0	.2418									5	6		
	1912	10	60.0	.2435									4	6		
Minnesota:																
5 establish- ments.	1911	11	60.0	.2886									5	6		
	1912	13	60.0	.2982									3	10		
Mississippi:																
2 establish- ments.	1911	2	66.0	.2046									1	1		
	1912	2	66.0	.1293									1	1		

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.												
					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.	
SAWYERS, RESAW, MALE—concl'd.																	
North Carolina:																	
8 establishments.	(1911	9	62.6	\$0.1733					3	5			1				
	(1912	9	62.5	.1748					3	4	1		1				
Oregon:																	
4 establishments.	(1911	6	59.9	.3005									1	1	4		
	(1912	7	59.9	.3005									1	2	4		
Pennsylvania:																	
4 establishments.	(1911	8	63.4	.2392									4	4			
	(1912	8	63.4	.2392									4	4			
South Carolina:																	
4 establishments.	(1911	5	61.2	.2214					1	1	1				2		
	(1912	5	61.2	.2264						2	1				2		
Tennessee:																	
5 establishments.	(1911	6	60.0	.2204						1			3	2			
	(1912	6	60.0	.2208						1			3	2			
Virginia:																	
3 establishments.	(1911	3	60.5	.1735					1	1		1					
	(1912	3	60.5	.1735						1	1		1				
Washington:																	
16 establishments.	(1911	24	60.0	.3125										7	16	1	
	(1912	23	60.0	.3174										7	15	1	
West Virginia:																	
4 establishments.	(1911	4	63.0	.2864										3	1		
	(1912	4	63.0	.2864										3	1		
Wisconsin:																	
16 establishments.	(1911	32	60.0	.2506									2	13	9	8	
	(1912	30	60.0	.2532									2	11	9	8	
SETTERS, MALE.																	
Alabama:																	
13 establishments.	(1911	19	64.7	.1834					4	6	3	6					
	(1912	20	64.5	.1877						5	2	6	7				
Arkansas:														13	22		
19 establishments.	(1911	35	60.9	.2455										9	26		
	(1912	35	60.9	.2496													
California:																	
14 establishments.	(1911	28	60.2	.2656									10	14	3	1	
	(1912	29	60.2	.2660									10	15	3	1	
Florida:																	
9 establishments.	(1911	16	63.4	.2188									5	7	3	1	
	(1912	15	63.2	.2193									4	7	3	1	
Georgia:																	
16 establishments.	(1911	21	65.1	.1813		1	8	1	1	2	8	2					
	(1912	22	65.2	.1834		1	8	1	1	1	7	3					
Louisiana:														17	24	12	
21 establishments.	(1911	53	61.0	.2584										13	26	13	
	(1912	52	61.0	.2617													
Maine:																	
10 establishments.	(1911	31	61.8	.2786											18	13	
	(1912	31	62.1	.2786											20	11	
Michigan:																	
25 establishments.	(1911	70	60.0	.2774									2	46	22		
	(1912	74	60.0	.2697										4	52	18	
Minnesota:																	
8 establishments.	(1911	81	60.0	.3264											81		
	(1912	84	60.0	.3299												84	
Mississippi:																	
15 establishments.	(1911	42	64.7	.1972					6	7	7	18	4				
	(1912	37	64.5	.2076						6	7	20	4				
North Carolina:																	
17 establishments.	(1911	33	63.2	.1729		7	6	7	3	10							
	(1912	34	63.1	.1737		3	12	2	9	8							
Oregon:															5	2	
4 establishments.	(1911	7	59.9	.2864										5	2		
	(1912	7	59.9	.2864										5	2		
Pennsylvania:																	
14 establishments.	(1911	24	62.8	.2450									11	13			
	(1912	24	62.8	.2465									9	15			

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
SETTERS, MALE—concluded.																
South Carolina:																
7 establishments.	(1911	15	62.0	\$0.1925			2	1	2	3	5	2				
	(1912	16	61.9	.1962				3	3	3	4	3				
Tennessee:																
27 establishments.	(1911	34	60.5	.2047				6	8		12	7	1			
	(1912	34	60.3	.2032			1	6	9		9	8	1			
Texas:																
12 establishments.	(1911	32	60.0	.2469							11	20	1			
	(1912	32	60.0	.2508							10	18	4			
Virginia:																
11 establishments.	(1911	22	63.3	.1645			2	10	5	2	3					
	(1912	22	63.3	.1646				3	9	6	2	4				
Washington:																
19 establishments.	(1911	39	60.0	.2835								2	17	20		
	(1912	39	60.0	.2814								3	17	19		
West Virginia:																
16 establishments.	(1911	31	62.2	.2546								8	19	4		
	(1912	31	62.3	.2541								9	18	4		
Wisconsin:																
24 establishments.	(1911	81	60.0	.2681								17	28	36		
	(1912	75	60.0	.2670								19	27	29		
TRIMMER OPERATORS, MALE.																
Alabama:																
12 establishments.	(1910	17	64.5	.1442			10	4	3							
	(1911	17	64.5	.1453				10	4	3						
12 establishments.	(1911	14	64.7	.1435				8	4	2						
	(1912	14	64.7	.1440		1	8	2	2	1						
Arkansas:																
17 establishments.	(1910	22	61.1	.1872				1	9	1	11					
	(1911	22	61.1	.1883				1	8	1	12					
19 establishments.	(1911	26	60.9	.1901					1	8	1	16				
	(1912	26	60.7	.1799					1	6	4	4	11			
California:																
9 establishments.	(1910	14	60.4	.2697									12	2		
	(1911	13	60.5	.2777									11	2		
14 establishments.	(1911	23	60.3	.2746								2	18	3		
	(1912	26	60.2	.2671								5	19	2		
Florida:																
9 establishments.	(1910	14	63.4	.1502			4	1	4	4	1	1				
	(1911	14	63.4	.1518			4	1	3	4	1	1				
9 establishments.	(1911	14	64.3	.1493			5	1	2	4	1	1				
	(1912	13	64.2	.1505			5	1		5	1	1				
Georgia:																
13 establishments.	(1910	13	64.3	.1383	1	4	6				1		1			
	(1911	13	64.3	.1417		3	7	1				1	1			
15 establishments.	(1911	15	64.8	.1396			4	8	1			1	1	1		
	(1912	15	64.1	.1400			4	5	3		1	1	1			
Louisiana:																
10 establishments.	(1910	11	61.6	.2004				1	2	2		3	3			
	(1911	11	61.6	.1991				1	2	2		3	3			
21 establishments.	(1911	27	61.0	.2102					3	2		17	5			
	(1912	29	61.1	.2148					2	2	1	18	6			
Maine:																
8 establishments.	(1911	13	61.5	.2334						3		3	6	1		
	(1912	13	61.5	.2361						3		3	5	2		
Michigan:																
14 establishments.	(1910	38	60.0	.2045						2	7	28	1			
	(1911	38	60.0	.2049						2	7	28	1			
25 establishments.	(1911	55	60.0	.2080					3	5	43	4				
	(1912	54	60.0	.2129					2	4	44	4				

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.
TRIMMER OPERATORS, MALE—concluded.																
Minnesota:																
8 establishments.	{1910	112	60.0	\$0.2404						5		60	29	18		
	{1911	107	60.0	.2450						7		51	32	17		
8 establishments.	{1911	31	60.0	.2613								6	22	3		
	{1912	29	60.0	.2655								4	25			
Mississippi:																
9 establishments.	{1910	17	64.6	.1460				11	4	1		1				
	{1911	15	64.4	.1482				8	5	1		1				
13 establishments.	{1911	21	64.9	.1569			1	5	10	2	1	2				
	{1912	18	64.7	.1643			1	3	8	1	2	3				
North Carolina:																
14 establishments.	{1910	16	61.6	.1453			3	4	6		2	1				
	{1911	16	61.6	.1459			3	4	5	1	2	1				
17 establishments.	{1911	19	62.9	.1445			4	5	6	1	2	1				
	{1912	20	63.1	.1448			4	3	9	2	1	1				
Oregon:																
3 establishments.	{1910	7	59.9	.2968								3	4			
	{1911	6	59.9	.2921								3	3			
4 establishments.	{1911	8	59.9	.2941								3	5			
	{1912	8	59.9	.3003								3	5			
Pennsylvania:																
13 establishments.	{1910	25	64.0	.2201						5	14	6				
	{1911	22	64.0	.2212						3	14	5				
14 establishments.	{1911	22	63.3	.2143				1	2	2	13	4				
	{1912	18	63.1	.2158				1	2	1	10	4				
South Carolina:																
5 establishments.	{1910	11	61.6	.1721				4	5		2					
	{1911	11	61.6	.1744				4	4		3					
7 establishments.	{1911	13	61.8	.1677			2	4	4		3					
	{1912	11	61.5	.1683			3	2	3		3					
Tennessee:																
24 establishments.	{1910	25	59.5	.1670			5	10	4	1	3	2				
	{1911	25	59.5	.1704			5	9	3		6	2				
27 establishments.	{1911	27	60.1	.1769			4	8	4		9	2				
	{1912	27	59.9	.1782			3	7	6	1	8	2				
Texas:																
10 establishments.	{1910	27	60.0	.1887						9	9	7	2			
	{1911	23	60.0	.1937						9	2	11	1			
12 establishments.	{1911	24	60.0	.1919						11	2	10	1			
	{1912	18	60.0	.1931				1	6		11					
Virginia:																
9 establishments.	{1910	12	63.2	.1531			7	2		2	1					
	{1911	12	63.2	.1531			7	2		2	1					
11 establishments.	{1911	12	63.3	.1603			1	5	2		1	1				
	{1912	12	63.3	.1665			4	3	1	2	1	1				
Washington:																
14 establishments.	{1910	26	60.0	.2908						1	9	2	11	3		
	{1911	24	60.0	.2933						1	5	4	11	3		
18 establishments.	{1911	26	60.0	.3028						1	5	4	12	4		
	{1912	27	60.0	.3109						7	2	13	5			
West Virginia:																
13 establishments.	{1910	15	63.1	.2346						3	7	4	1			
	{1911	15	63.1	.2368						3	7	4	1			
16 establishments.	{1911	18	62.9	.2338						3	10	4	1			
	{1912	17	62.7	.2437						1	8	6	2			
Wisconsin:																
22 establishments.	{1910	81	60.0	.2160						10	7	44	20			
	{1911	81	60.0	.2194						10	5	40	26			
24 establishments.	{1911	71	60.0	.2230						8	5	33	25			
	{1912	46	60.0	.2110						9	4	26	6	1		

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## NUMBER.

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week.	Employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
Carriage men, male:											
41 establishments...	1907	208	60.7	—	2	6	169	4	9	11	7
	1908	201	60.8	—	2	6	162	4	9	11	7
	1909	195	60.8	—	2	7	155	4	9	11	7
	1910	215	60.7	—	2	6	176	4	9	11	7
245 establishments...	1910	1,327	61.4	—	6	22	967	12	50	261	9
	1911	1,298	61.3	—	6	22	959	12	51	239	9
Doggers, male:											
273 establishments...	1911	852	61.4	—	1	14	610	4	37	178	8
	1912	869	61.3	—	2	15	628	6	39	171	8
Edgermen, male:											
41 establishments...	1907	79	60.7	—	1	1	65	2	3	5	2
	1908	78	60.7	—	1	2	63	2	3	5	2
	1909	77	60.7	—	1	2	62	2	3	5	2
	1910	84	60.7	—	1	2	69	2	3	5	2
245 establishments...	1910	585	61.2	—	3	8	442	5	25	99	3
	1911	569	61.2	—	3	8	433	5	26	91	3
299 establishments...	1911	684	61.3	—	1	8	521	3	33	114	4
	1912	686	61.2	—	2	9	524	3	33	106	4
Laborers, male:											
41 establishments...	1907	4,097	60.5	—	12	121	3,544	50	171	147	52
	1908	3,662	60.6	—	12	185	3,027	51	188	148	51
	1909	3,910	60.5	—	12	171	3,278	52	193	152	52
	1910	4,582	60.5	—	15	228	3,890	53	187	158	51
245 establishments...	1910	20,327	61.3	—	47	556	15,008	207	801	3,596	112
	1911	19,256	61.3	—	46	450	14,176	226	801	3,443	114
299 establishments...	1911	26,784	61.4	—	11	388	19,567	145	1,601	4,872	200
	1912	25,506	61.5	—	25	355	18,336	145	1,531	4,851	263
Planer feeders, male:											
178 establishments...	1911	1,156	61.3	—	20	871	7	57	201	—	—
	1912	1,165	61.1	—	8	918	8	61	170	—	—
Sawyers, band, male:											
34 establishments...	1907	71	60.8	—	1	1	60	2	2	5	—
	1908	69	60.8	—	1	1	59	1	2	5	—
	1909	69	60.8	—	1	1	59	1	2	5	—
	1910	73	60.7	—	1	1	63	1	2	5	—
203 establishments...	1910	430	61.1	2	3	7	319	3	25	71	—
	1911	433	61.0	2	3	7	324	3	26	68	—
243 establishments...	1911	509	61.1	2	1	7	387	2	30	80	—
	1912	493	61.1	2	2	8	378	3	27	73	—
Sawyers, circular, male:											
12 establishments...	1907	14	61.3	—	1	10	—	1	—	—	2
	1908	14	61.3	—	1	10	—	1	—	—	2
	1909	13	61.3	—	1	9	—	1	—	—	2
	1910	14	61.3	—	1	10	—	1	—	—	2
58 establishments...	1910	81	61.9	—	1	54	—	2	21	—	3
	1911	78	62.0	—	1	51	—	2	21	—	3
72 establishments...	1911	95	62.5	—	1	54	—	4	33	—	3
	1912	94	62.5	—	1	55	—	4	28	—	6
Sawyers, gang, male:											
5 establishments...	1907	6	60.0	—	—	6	—	—	—	—	—
	1908	6	60.0	—	—	6	—	—	—	—	—
	1909	6	60.0	—	—	6	—	—	—	—	—
	1910	6	60.0	—	—	6	—	—	—	—	—
52 establishments...	1910	64	61.4	—	—	—	48	1	2	13	—
	1911	60	61.6	—	—	—	43	1	2	14	—
66 establishments...	1911	74	61.6	—	—	—	53	—	2	19	—
	1912	75	61.6	—	—	—	53	—	3	19	—

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Continued.

## NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
Sawyers, resaw, male:											
98 establishments...	1911	149	60.7			2	128		7	12	
	1912	147	60.7			2	126		7	12	
Setters, male:											
301 establishments...	1911	714	61.3		1	8	537	3	38	121	6
	1912	713	61.2		2	9	537	3	39	116	7
Trimmers, male:											
37 establishments...	1907	72	60.7		1	1	60	1	2	5	2
	1908	68	60.7		1	1	56	1	2	5	2
	1909	72	60.7		1	1	60	1	2	5	2
	1910	74	60.7		1	1	61	2	2	5	2
228 establishments...	1910	503	61.0		4	5	397	5	12	77	3
	1911	485	61.0		4	5	383	5	12	73	3
294 establishments...	1911	479	61.3		1	5	362	3	21	83	4
	1912	441	61.3		2	6	331	2	21	75	4

## PER CENT.

Carriage men, male:											
41 establishments ..	1907	208	60.7		1.0	2.9	81.2	1.9	4.3	5.3	3.4
	1908	201	60.8		1.0	3.0	80.6	2.0	4.5	5.5	3.5
	1909	195	60.8		1.0	3.6	79.5	2.1	4.6	5.6	3.6
	1910	215	60.7		9	2.8	81.9	1.9	4.2	5.1	3.3
245 establishments ..	1910	1,327	61.4		.5	1.7	72.9	.9	3.8	19.7	.7
	1911	1,298	61.3		.5	1.7	73.9	.9	3.9	18.4	.7
Doggers, male:											
273 establishments ..	1911	852	61.4		.1	1.6	71.6	.5	4.3	20.9	.9
	1912	869	61.3		.2	1.7	72.3	.7	4.5	19.7	.9
Edgermen, male:											
41 establishments ..	1907	79	60.7		1.3	1.3	82.3	2.5	3.8	6.3	2.5
	1908	78	60.7		1.3	2.6	80.8	2.6	3.8	6.4	2.6
	1909	77	60.7		1.3	2.6	80.5	2.6	3.9	6.5	2.6
	1910	84	60.7		1.2	2.4	82.1	2.4	3.6	6.0	2.4
245 establishments ..	1910	585	61.2		.5	1.4	75.6	.9	4.3	16.9	.5
	1911	569	61.2		.5	1.4	76.1	.9	4.6	16.0	.5
299 establishments ..	1911	684	61.3		.1	1.2	76.2	.4	4.8	16.7	.6
	1912	686	61.2		.3	1.3	76.4	.4	5.5	15.5	.6
Laborers, male:											
41 establishments ..	1907	4,097	60.5		.3	3.0	86.5	1.2	4.2	3.6	1.3
	1908	3,662	60.6		.3	5.1	82.7	1.4	5.1	4.0	1.4
	1909	3,910	60.5		.3	4.4	83.8	1.3	4.9	3.9	1.3
	1910	4,582	60.5		.3	5.0	84.9	1.2	4.1	3.4	1.1
245 establishments ..	1910	20,327	61.3		.2	2.7	73.8	1.0	3.9	17.7	.6
	1911	19,256	61.3		.2	2.3	73.6	1.2	4.2	17.9	.6
299 establishments ..	1911	26,784	61.4		(1)	1.4	73.1	.5	6.0	18.2	.7
	1912	25,506	61.5		1	1.4	71.9	.6	6.0	19.0	1.0
Planer feeders, male:											
178 establishments ..	1911	1,156	61.3			1.7	75.3	.6	4.9	17.4	.....
	1912	1,165	61.1			.7	78.8	.7	5.2	14.6	.....
Sawyers, band, male:											
34 establishments...	1907	71	60.8		1.4	1.4	84.5	2.8	2.8	7.0	.....
	1908	69	60.8		1.4	1.4	85.5	1.4	2.9	7.2	.....
	1909	69	60.8		1.4	1.4	85.5	1.4	2.9	7.2	.....
	1910	73	60.7		1.4	1.4	86.3	1.4	2.7	6.8	.....
203 establishments...	1910	430	61.1	0.5	.7	1.6	74.2	.7	5.8	16.5	.....
	1911	433	61.0	.5	.7	1.6	74.8	.7	6.0	15.7	.....
243 establishments...	1911	509	61.1	.4	.2	1.4	76.0	.4	5.9	15.7	.....
	1912	493	61.1	.4	.4	1.6	76.7	.6	5.5	14.8	.....

1 Less than one-tenth of 1 per cent.

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Concluded.

PER CENT—Concluded.

Occupation, sex, and number of establish- ments.	Year.	Number of em- ploy- ees.	Aver- age nomi- nal full- time hours per week.	Employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
Sawyers, circular, male:											
12 establishments...	{ 1907	14	61.3	7.1	71.4	7.1	7.1	7.1	7.1	14.3	
	1908	14	61.3	7.1	71.4	7.1	7.1	7.1	7.1	14.3	
	{ 1909	13	61.3	7.7	69.2	7.7	7.7	7.7	7.7	15.4	
	1910	14	61.3	7.1	71.4	7.1	7.1	7.1	7.1	14.3	
58 establishments...	{ 1910	81	61.9	1.2	66.7	2.5	2.5	2.5	2.5	3.7	
	{ 1911	78	62.0	1.3	65.4	2.6	2.6	2.6	2.6	3.8	
72 establishments...	{ 1911	95	62.5	1.1	56.8	4.2	4.2	34.7	34.7	3.2	
	{ 1912	94	62.5	1.1	58.5	4.3	4.3	29.8	29.8	6.4	
Sawyers, gang, male:											
5 establishments...	{ 1907	6	60.0	100.0							
	1908	6	60.0	100.0							
	{ 1909	6	60.0	100.0							
	1910	6	60.0	100.0							
52 establishments...	{ 1910	64	61.4	75.0	1.6	3.1	3.1	20.3	20.3		
	{ 1911	60	61.6	71.7	1.7	3.3	3.3	23.3	23.3		
66 establishments...	{ 1911	74	61.6	71.6		2.7	2.7	25.7	25.7		
	{ 1912	75	61.6	70.7		4.0	4.0	25.3	25.3		
Sawyers, resaw, male:											
98 establishments...	{ 1911	149	60.7	1.3	85.9	4.7	4.7	8.1	8.1		
	{ 1912	147	60.7	1.4	85.7	4.8	4.8	8.2	8.2		
Setters, male:											
301 establishments...	{ 1911	714	61.3	0.1	1.1	75.2	.4	5.2	16.9	.8	
	{ 1912	713	61.2	.3	1.3	75.3	.4	5.5	16.3	1.0	
Trimmers, male:											
37 establishments...	{ 1907	72	60.7	1.4	1.4	83.3	1.4	2.8	6.9	2.8	
	1908	68	60.7	1.5	1.5	82.4	1.5	2.9	7.4	2.9	
	{ 1909	72	60.7	1.4	1.4	83.3	1.4	2.8	6.9	2.8	
	1910	74	60.7	1.4	1.4	82.4	2.7	2.7	6.8	2.7	
228 establishments...	{ 1910	503	61.0	.8	1.0	78.9	1.0	2.4	15.3	.6	
	{ 1911	485	61.0	.8	1.0	79.0	1.0	2.5	15.1	.6	
294 establishments...	{ 1911	479	61.3	.2	1.0	75.6	.6	4.4	17.3	.8	
	{ 1912	441	61.3	.5	1.4	75.1	.5	4.8	17.0	.9	

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912.

## CARRIAGE MEN: Male.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.	
<b>1910.</b>												
Alabama.....	13	60	64.7					11	2	9	31	7
Arkansas.....	17	108	61.3					84			24	
California.....	9	39	60.3					37			2	
Florida.....	9	53	62.6					30			23	
Georgia.....	14	38	63.9					14			22	2
Louisiana.....	10	58	60.6					52			6	
Maine.....	7	28	61.8					18			10	
Michigan.....	22	121	60.0					121				
Minnesota.....	8	108	60.0					108				
Mississippi.....	9	91	64.6					21			70	
North Carolina.....	14	59	61.9		2	6	27	3	6	15		
Oregon.....	3	21	59.9			6	15					
Pennsylvania.....	13	48	63.7					18			4	26
South Carolina.....	5	34	61.5					21	4	3	6	
Tennessee.....	24	60	59.8		4	4	48			4		
Texas.....	10	85	60.0					85				
Virginia.....	9	57	62.7			6		18	3	6	24	
Washington.....	14	84	60.0					84				
West Virginia.....	13	41	62.7					21		8	12	
Wisconsin.....	22	134	60.0					134				
Total.....	245	1,327	61.4		6	22	967	12	50	261	9	
<b>1911.</b>												
Alabama.....	13	60	64.7					11	2	9	31	7
Arkansas.....	17	106	61.2					85			21	
California.....	9	33	60.4					31			2	
Florida.....	9	53	62.6					30			23	
Georgia.....	14	38	63.9					14			22	2
Louisiana.....	10	60	60.6					54			6	
Maine.....	7	29	61.9					18			11	
Michigan.....	22	121	60.0					121				
Minnesota.....	8	121	60.0					121				
Mississippi.....	9	79	64.2					24			55	
North Carolina.....	14	59	61.9		2	6	27	3	6	15		
Oregon.....	3	15	59.8			6	9					
Pennsylvania.....	13	42	63.6					16			4	22
South Carolina.....	5	34	61.5					21	4	3	6	
Tennessee.....	24	60	59.8		4	4	48			4		
Texas.....	10	76	60.0					76				
Virginia.....	9	57	62.7			6		18	3	6	24	
Washington.....	14	80	60.0					80				
West Virginia.....	13	41	62.7					21		8	12	
Wisconsin.....	22	134	60.0					134				
Total.....	245	1,298	61.3		6	22	959	12	51	239	9	

## DOGGERS: Male.

<b>1911.</b>												
Alabama.....	13	39	64.8					8		4	22	5
Arkansas.....	19	69	60.9					59			10	
California.....	13	32	60.2					31			1	
Florida.....	9	39	63.2					18			21	
Georgia.....	13	27	64.1					10		4	10	3
Louisiana.....	21	91	60.5					83		3	5	
Maine.....	4	8	63.8					2		6		
Michigan.....	25	73	60.0					73				
Minnesota.....	4	31	60.0					31				
Mississippi.....	15	73	64.3					21			52	

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## DOGGERS: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1911.</b>											
North Carolina.....	15	41	62.8	.....	4	16	.....	8	13	.....	
Oregon.....	4	14	59.9	.....	4	10	.....	.....	.....	.....	
Pennsylvania.....	10	13	64.4	.....	3	.....	3	7	.....	.....	
South Carolina.....	6	24	61.4	.....	16	2	2	4	.....	.....	
Tennessee.....	26	40	60.4	1	2	33	.....	4	.....	.....	
Texas.....	12	42	60.0	.....	42	.....	.....	.....	.....	.....	
Virginia.....	11	44	63.3	.....	4	12	2	4	22	.....	
Washington.....	19	63	60.0	.....	63	.....	.....	.....	.....	.....	
West Virginia.....	14	24	62.4	.....	14	.....	3	7	.....	.....	
Wisconsin.....	20	65	60.0	.....	65	.....	.....	.....	.....	.....	
Total.....	273	852	61.4	.....	1	14	610	4	37	178	8
<b>1912.</b>											
Alabama.....	13	41	65.0	.....	7	.....	5	24	.....	5	
Arkansas.....	19	73	60.8	.....	63	.....	10	.....	.....	.....	
California.....	13	33	60.2	.....	32	.....	1	.....	.....	.....	
Florida.....	9	35	63.3	.....	16	.....	19	.....	.....	.....	
Georgia.....	13	28	64.0	.....	11	.....	4	10	.....	3	
Louisiana.....	21	91	60.5	.....	83	.....	3	5	.....	.....	
Maine.....	4	10	64.0	.....	2	.....	8	.....	.....	.....	
Michigan.....	25	86	60.0	.....	86	.....	.....	.....	.....	.....	
Minnesota.....	4	30	60.0	.....	30	.....	.....	.....	.....	.....	
Mississippi.....	15	62	64.3	.....	18	.....	44	.....	.....	.....	
North Carolina.....	15	42	62.7	.....	4	17	.....	8	13	.....	
Oregon.....	4	14	59.9	.....	4	10	.....	.....	.....	.....	
Pennsylvania.....	10	13	64.4	.....	3	.....	3	7	.....	.....	
South Carolina.....	6	26	61.4	.....	16	4	2	4	.....	.....	
Tennessee.....	26	40	60.0	2	3	31	.....	4	.....	.....	
Texas.....	12	44	60.0	.....	44	.....	.....	.....	.....	.....	
Virginia.....	11	42	63.5	.....	4	9	2	4	23	.....	
Washington.....	19	67	60.0	.....	67	.....	.....	.....	.....	.....	
West Virginia.....	14	23	62.3	.....	14	.....	2	7	.....	.....	
Wisconsin.....	20	69	60.0	.....	69	.....	.....	.....	.....	.....	
Total.....	273	869	61.3	.....	2	15	628	6	39	171	8

## EDGERMEN: Male.

<b>1910.</b>										
Alabama.....	13	22	64.6	.....	4	1	4	11	2	.....
Arkansas.....	17	51	60.9	.....	43	.....	8	.....	.....	.....
California.....	9	18	60.3	.....	17	.....	1	.....	.....	.....
Florida.....	9	15	62.8	.....	8	.....	7	.....	.....	.....
Georgia.....	14	15	64.1	.....	5	.....	9	1	.....	.....
Louisiana.....	10	22	60.8	.....	19	.....	3	.....	.....	.....
Maine.....	7	18	62.5	.....	9	.....	9	.....	.....	.....
Michigan.....	22	58	60.0	.....	58	.....	.....	.....	.....	.....
Minnesota.....	8	64	60.0	.....	64	.....	.....	.....	.....	.....
Mississippi.....	9	32	64.5	.....	8	.....	24	.....	.....	.....
North Carolina.....	14	22	61.9	1	2	10	1	2	6	.....
Oregon.....	3	7	59.9	.....	5	.....	.....	.....	.....	.....
Pennsylvania.....	13	25	63.8	.....	9	.....	2	14	.....	.....
South Carolina.....	5	13	61.4	2	2	8	2	1	2	.....
Tennessee.....	24	26	59.8	.....	20	.....	2	.....	.....	.....

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## EDGERMEN: Male—Concluded.

Year and State.	Number of establish- ments.	Num- ber of em- ployees.	Average nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—						
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.
<b>1910.</b>										
Texas.	10	36	60.0				36			
Virginia.	9	18	62.9		2		5	1	2	8
Washington.	14	22	60.0				22			
West Virginia.	13	20	62.6				11		3	6
Wisconsin.	22	81	60.0				81			
Total.	245	585	61.2		3	8	442	5	25	99
<b>1911.</b>										
Alabama.	13	20	64.7				4		3	11
Arkansas.	19	57	60.6				51			6
California.	14	26	60.2				25			1
Florida.	9	15	63.6				6			9
Georgia.	16	18	64.6				5		2	9
Louisiana.	21	55	60.9				46		4	5
Maine.	10	22	62.5				11		11	
Michigan.	25	70	60.0				70			
Minnesota.	7	61	60.0				61			
Mississippi.	15	41	64.2				12			29
North Carolina.	17	26	63.0		2		10		4	10
Oregon.	4	7	59.9		2		5			
Pennsylvania.	14	19	63.3				8		4	7
South Carolina.	7	15	61.6				9	2	1	3
Tennessee.	27	32	60.5		1	2	25			4
Texas.	12	34	60.0				34			
Virginia.	11	22	63.5		2		5	1	2	12
Washington.	18	24	60.0				24			
West Virginia.	16	26	62.2				16		2	8
Wisconsin.	24	94	60.0				94			
Total.	299	684	61.3		1	8	521	3	33	114
<b>1912.</b>										
Alabama.	13	18	64.6				4		3	9
Arkansas.	19	52	60.6				47			5
California.	14	32	60.2				31			1
Florida.	9	15	63.6				6			9
Georgia.	16	19	64.6				5		3	9
Louisiana.	21	59	61.0				48		6	5
Maine.	10	24	62.5				12		12	
Michigan.	25	69	60.0				69			
Minnesota.	7	62	60.0				62			
Mississippi.	15	36	63.8				13			23
North Carolina.	17	28	63.2		2		10		5	11
Oregon.	4	7	59.9		2		5			
Pennsylvania.	14	20	63.1				9		4	7
South Carolina.	7	16	61.5				10	2	1	3
Tennessee.	27	32	60.3		2	3	23			4
Texas.	12	33	60.0				33			
Virginia.	11	21	63.7		2		4	1	2	12
Washington.	18	26	60.0				26			
West Virginia.	16	26	62.2				16		2	8
Wisconsin.	24	91	60.0				91			
Total.	299	686	61.2		2	9	524	3	38	106

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male.

Year and State.	Number of establish- ments	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1907.</b>											
Alabama.....	3	180	62.2	.....	.....	.....	128	.....	.....	.....	52
California.....	2	277	60.0	.....	.....	.....	277	.....	.....	.....	.....
Florida.....	3	211	60.0	.....	.....	.....	211	.....	.....	.....	.....
Maine.....	2	257	60.0	.....	.....	.....	257	.....	.....	.....	.....
Michigan.....	5	428	60.0	.....	.....	.....	428	.....	.....	.....	.....
North Carolina.....	4	359	62.9	.....	12	121	138	.....	137	72	.....
Oregon.....	2	310	59.8	.....	.....	121	189	.....	.....	.....	.....
Pennsylvania.....	5	137	63.3	.....	.....	.....	62	.....	.....	75	.....
South Carolina.....	2	84	62.1	.....	.....	.....	50	34	.....	.....	.....
Tennessee.....	2	89	60.0	.....	.....	.....	89	.....	.....	.....	.....
Washington.....	3	971	60.0	.....	.....	.....	971	.....	.....	.....	.....
Wisconsin.....	7	724	60.0	.....	.....	.....	724	.....	.....	.....	.....
Other States.....	1	70	60.0	.....	.....	.....	70	.....	.....	.....	.....
Total.....	41	4,097	60.5	.....	12	121	3,544	50	171	147	52
<b>1908.</b>											
Alabama.....	3	165	62.3	.....	.....	.....	114	.....	.....	.....	51
California.....	2	257	60.0	.....	.....	.....	257	.....	.....	.....	.....
Florida.....	3	162	60.0	.....	.....	.....	162	.....	.....	.....	.....
Maine.....	2	300	60.0	.....	.....	.....	300	.....	.....	.....	.....
Michigan.....	5	418	60.0	.....	.....	.....	418	.....	.....	.....	.....
North Carolina.....	4	298	63.9	.....	12	57	57	.....	155	74	.....
Oregon.....	2	385	59.8	.....	185	200	200	.....	.....	.....	.....
Pennsylvania.....	5	146	63.0	.....	.....	72	72	.....	.....	74	.....
South Carolina.....	2	84	62.1	.....	.....	.....	51	33	.....	.....	.....
Tennessee.....	2	86	60.0	.....	.....	.....	86	.....	.....	.....	.....
Washington.....	3	569	60.0	.....	.....	.....	569	.....	.....	.....	.....
Wisconsin.....	7	725	60.0	.....	.....	.....	725	.....	.....	.....	.....
Other States.....	1	67	60.0	.....	.....	.....	67	.....	.....	.....	.....
Total.....	41	3,662	60.6	.....	12	185	3,027	51	188	148	51
<b>1909.</b>											
Alabama.....	3	171	62.3	.....	.....	.....	119	.....	.....	.....	52
California.....	2	311	60.0	.....	.....	.....	311	.....	.....	.....	.....
Florida.....	3	159	60.0	.....	.....	.....	159	.....	.....	.....	.....
Maine.....	2	312	60.0	.....	.....	.....	312	.....	.....	.....	.....
Michigan.....	5	412	60.0	.....	.....	.....	412	.....	.....	.....	.....
North Carolina.....	4	303	63.9	.....	12	57	57	.....	157	77	.....
Oregon.....	2	318	59.7	.....	171	147	147	.....	.....	.....	.....
Pennsylvania.....	5	165	62.7	.....	.....	90	90	.....	.....	75	.....
South Carolina.....	2	88	62.1	.....	.....	.....	52	36	.....	.....	.....
Tennessee.....	2	89	60.0	.....	.....	.....	89	.....	.....	.....	.....
Washington.....	3	777	60.0	.....	.....	.....	777	.....	.....	.....	.....
Wisconsin.....	7	743	60.0	.....	.....	.....	743	.....	.....	.....	.....
Other States.....	1	62	60.0	.....	.....	.....	62	.....	.....	.....	.....
Total.....	41	3,910	60.5	.....	12	171	3,278	52	193	152	52
<b>1910.</b>											
Alabama.....	13	1,101	64.2	.....	.....	.....	247	66	176	561	51
Arkansas.....	17	954	60.6	.....	.....	.....	861	.....	93	.....	.....
California.....	9	871	60.1	.....	.....	.....	855	.....	16	.....	.....
Florida.....	9	687	62.1	.....	.....	.....	447	.....	240	.....	.....
Georgia.....	14	872	63.7	.....	.....	.....	352	.....	459	61	.....
Louisiana.....	10	591	61.4	.....	.....	.....	453	.....	138	.....	.....
Maine.....	7	633	61.5	.....	.....	.....	438	.....	135	.....	.....
Michigan.....	22	1,953	60.0	.....	.....	.....	1,953	.....	.....	.....	.....
Minnesota.....	8	1,210	60.0	.....	.....	.....	1,209	.....	1	.....	.....
Mississippi.....	10	1,026	64.6	.....	.....	.....	239	.....	787	.....	.....

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS, MALE—Concluded.

Year and State.	Number of establish- ments.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1910.</b>											
North Carolina.....	14	964	62.1	15	98	421	50	144	236	.....	
Oregon.....	3	613	59.8	.....	228	385	.....	.....	.....	.....	
Pennsylvania.....	13	772	63.1	.....	.....	359	.....	72	341	.....	
South Carolina.....	5	618	61.3	.....	.....	426	53	43	96	.....	
Tennessee.....	23	716	59.8	32	94	549	.....	41	.....	.....	
Texas.....	10	727	60.0	.....	.....	727	.....	.....	.....	.....	
Virginia.....	9	814	63.2	.....	136	146	38	48	446	.....	
Washington.....	14	2,132	60.0	.....	.....	2,132	.....	.....	.....	.....	
West Virginia.....	13	532	62.8	.....	.....	268	.....	82	182	.....	
Wisconsin.....	22	2,541	60.0	.....	.....	2,541	.....	.....	.....	.....	
Total.....	245	20,327	61.3	.....	47	556	15,008	207	801	3,596	112
<b>1911.</b>											
Alabama.....	13	1,190	64.5	.....	.....	225	.....	301	613	51	
Arkansas.....	19	1,936	60.4	.....	.....	1,802	.....	.....	134	.....	
California.....	14	1,206	60.1	.....	.....	1,188	.....	.....	18	.....	
Florida.....	9	799	63.2	.....	.....	373	.....	.....	426	.....	
Georgia.....	16	1,159	64.3	.....	.....	398	.....	131	481	149	
Louisiana.....	21	2,459	61.4	.....	.....	1,819	.....	313	327	.....	
Maine.....	10	732	61.7	.....	.....	484	.....	248	.....	.....	
Michigan.....	25	2,206	60.0	.....	.....	2,206	.....	.....	.....	.....	
Minnesota.....	7	1,213	60.0	.....	.....	1,213	.....	.....	.....	.....	
Mississippi.....	15	1,886	64.5	.....	.....	466	.....	.....	1,420	.....	
North Carolina.....	17	1,345	63.0	.....	95	517	.....	301	432	.....	
Oregon.....	4	458	59.8	.....	157	301	.....	.....	.....	.....	
Pennsylvania.....	14	518	63.4	.....	.....	204	.....	145	169	.....	
South Carolina.....	7	721	61.5	.....	.....	453	76	55	137	.....	
Tennessee.....	27	1,006	60.4	11	52	849	.....	.....	94	.....	
Texas.....	12	1,359	60.0	.....	.....	1,359	.....	.....	.....	.....	
Virginia.....	11	826	63.0	.....	84	239	69	48	386	.....	
Washington.....	18	2,137	60.0	.....	.....	2,137	.....	.....	.....	.....	
West Virginia.....	16	790	62.2	.....	.....	496	.....	59	235	.....	
Wisconsin.....	24	2,838	60.0	.....	.....	2,838	.....	.....	.....	.....	
Total.....	299	26,784	61.4	.....	11	388	19,567	145	1,601	4,872	200
<b>1912.</b>											
Alabama.....	13	1,403	64.8	.....	.....	198	.....	394	699	112	
Arkansas.....	19	2,142	60.6	.....	.....	1,945	.....	.....	197	.....	
California.....	14	1,311	60.1	.....	.....	1,289	.....	.....	22	.....	
Florida.....	9	1,013	63.3	.....	.....	481	.....	.....	562	.....	
Georgia.....	16	1,062	64.4	.....	.....	350	.....	114	447	151	
Louisiana.....	21	2,398	61.1	.....	.....	1,940	.....	230	228	.....	
Maine.....	10	515	62.0	.....	.....	312	.....	203	.....	.....	
Michigan.....	25	1,766	60.0	.....	.....	1,766	.....	.....	.....	.....	
Minnesota.....	7	1,269	60.0	.....	.....	1,269	.....	.....	.....	.....	
Mississippi.....	15	1,624	64.5	.....	.....	412	.....	.....	1,212	.....	
North Carolina.....	17	1,321	62.7	.....	101	562	.....	290	368	.....	
Oregon.....	4	483	59.9	.....	124	359	.....	.....	.....	.....	
Pennsylvania.....	14	654	63.1	.....	.....	296	.....	144	214	.....	
South Carolina.....	7	871	61.1	.....	.....	623	85	56	107	.....	
Tennessee.....	27	919	60.6	25	55	712	.....	.....	127	.....	
Texas.....	12	1,380	60.0	.....	.....	1,380	.....	.....	.....	.....	
Virginia.....	11	788	63.4	.....	75	195	60	46	412	.....	
Washington.....	18	1,982	60.0	.....	.....	1,982	.....	.....	.....	.....	
West Virginia.....	16	767	62.4	.....	.....	457	.....	54	256	.....	
Wisconsin.....	24	1,838	60.0	.....	.....	1,838	.....	.....	.....	.....	
Total.....	299	25,506	61.5	.....	25	355	18,336	145	1,531	4,851	263

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## PLANER FEEDERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—						
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.
<b>1911.</b>										
Alabama.....	7	43	64.7	.....	.....	.....	5	.....	15	23
Arkansas.....	18	199	60.5	.....	.....	184	.....	.....	.....	15
California.....	10	38	60.0	.....	.....	38	.....	.....	.....	.....
Florida.....	4	23	62.6	.....	.....	13	.....	.....	.....	10
Georgia.....	8	27	63.0	.....	.....	13	.....	5	.....	9
Louisiana.....	20	179	61.4	.....	.....	134	.....	.....	14	31
Maine.....	4	8	63.8	.....	.....	2	.....	.....	6	.....
Michigan.....	4	48	60.0	.....	.....	48	.....	.....	.....	.....
Minnesota.....	4	46	60.0	.....	.....	46	.....	.....	.....	.....
Mississippi.....	14	95	64.2	.....	12	15	.....	.....	.....	68
North Carolina.....	8	44	63.3	.....	.....	1	17	.....	12	14
Oregon.....	4	39	59.9	.....	7	32	.....	.....	.....	.....
Pennsylvania.....	8	10	63.3	.....	.....	4	.....	3	3	.....
South Carolina.....	3	12	63.1	.....	.....	2	5	.....	5	.....
Tennessee.....	6	14	62.6	.....	.....	8	.....	.....	.....	6
Texas.....	12	106	60.0	.....	.....	106	.....	.....	.....	.....
Virginia.....	4	20	61.8	.....	.....	13	2	.....	.....	5
Washington.....	16	93	60.0	.....	.....	93	.....	.....	.....	.....
West Virginia.....	11	30	62.7	.....	.....	16	.....	2	12	.....
Wisconsin.....	13	82	60.0	.....	.....	82	.....	.....	.....	.....
Total.....	178	1,156	61.3	.....	.....	20	871	7	57	201
<b>1912.</b>										
Alabama.....	7	46	64.7	.....	.....	5	.....	17	24	.....
Arkansas.....	18	203	60.4	.....	.....	188	.....	.....	.....	15
California.....	10	43	60.0	.....	.....	43	.....	.....	.....	.....
Florida.....	4	25	62.4	.....	.....	15	.....	.....	.....	10
Georgia.....	8	27	63.0	.....	.....	13	.....	5	9	.....
Louisiana.....	20	166	60.9	.....	.....	139	.....	14	13	.....
Maine.....	4	9	63.9	.....	.....	2	.....	7	.....	.....
Michigan.....	4	56	60.0	.....	.....	56	.....	.....	.....	.....
Minnesota.....	4	49	60.0	.....	.....	49	.....	.....	.....	.....
Mississippi.....	14	81	64.2	.....	.....	24	.....	.....	.....	57
North Carolina.....	8	45	63.3	.....	.....	1	17	.....	13	14
Oregon.....	4	42	59.9	.....	7	35	.....	.....	.....	.....
Pennsylvania.....	8	10	63.3	.....	.....	4	.....	3	3	.....
South Carolina.....	3	11	62.9	.....	.....	2	5	.....	4	.....
Tennessee.....	6	17	62.5	.....	.....	10	.....	.....	7	.....
Texas.....	12	103	60.0	.....	.....	103	.....	.....	.....	.....
Virginia.....	4	18	61.1	.....	.....	13	3	.....	2	.....
Washington.....	16	100	60.0	.....	.....	100	.....	.....	.....	.....
West Virginia.....	11	31	62.6	.....	.....	17	.....	2	12	.....
Wisconsin.....	13	83	60.0	.....	.....	83	.....	.....	.....	.....
Total.....	178	1,165	61.1	.....	.....	8	918	8	61	170

## SAWYERS, BAND: Male.

<b>1910.</b>										
Alabama.....	7	12	64.2	.....	.....	2	.....	5	5	.....
Arkansas.....	14	28	61.3	.....	.....	22	.....	.....	6	.....
California.....	9	16	60.4	.....	.....	15	.....	.....	1	.....
Florida.....	5	9	62.7	.....	.....	5	.....	.....	4	.....
Georgia.....	4	5	62.4	.....	.....	3	.....	.....	2	.....
Louisiana.....	8	13	60.9	.....	.....	11	.....	.....	2	.....
Maine.....	6	17	62.4	.....	.....	9	.....	8	.....	.....
Michigan.....	19	45	60.0	.....	.....	45	.....	.....	.....	.....
Minnesota.....	8	38	60.0	.....	.....	38	.....	.....	.....	.....
Mississippi.....	7	21	64.9	.....	.....	4	.....	.....	17	.....

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

SAWYERS, BAND: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Average nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1910.</b>											
North Carolina.....	11	20	62.1		1	2	8	1	2	6	
Oregon.....	2	4	59.9			1	3				
Pennsylvania.....	13	24	63.7				9		2	13	
South Carolina.....	4	10	61.4				7	1		2	
Tennessee.....	23	26	59.8		2	2	20		2		
Texas.....	9	22	60.0					22			
Virginia.....	8	17	63.0				2	4	1	2	8
Washington.....	12	26	60.0					26			
West Virginia.....	12	20	59.5		2			9		4	5
Wisconsin.....	22	57	60.0					57			
Total.....	203	430	61.1	2	3	7	319	3	25	71	
<b>1911.</b>											
Alabama.....	7	9	64.3					2		2	5
Arkansas.....	16	33	61.1					27			6
California.....	11	25	60.0					25			
Florida.....	4	8	63.0					4			4
Georgia.....	5	7	63.3					3		2	2
Louisiana.....	17	35	60.8					30		3	2
Maine.....	8	20	62.3					11		9	
Michigan.....	23	52	60.0					52			
Minnesota.....	7	43	60.0					43			
Mississippi.....	9	25	64.6					6			19
North Carolina.....	14	25	63.3				2	8		5	10
Oregon.....	3	5	59.9				1	4			
Pennsylvania.....	13	18	63.4					7		4	7
South Carolina.....	6	12	61.6					8	1		3
Tennessee.....	27	33	60.5		1	2	26				4
Texas.....	10	23	60.0					23			
Virginia.....	10	20	63.6				2	4	1	2	11
Washington.....	14	27	60.0					27			
West Virginia.....	15	27	59.9		2			15		3	7
Wisconsin.....	24	62	60.0					62			
Total.....	243	509	61.1	2	1	7	387	2	30	80	
<b>1912.</b>											
Alabama.....	7	8	64.1					2		2	4
Arkansas.....	16	32	60.9					27			5
California.....	11	26	60.0					26			
Florida.....	4	8	63.0					4			4
Georgia.....	5	7	63.3					3		2	2
Louisiana.....	17	36	62.4					31		3	2
Maine.....	8	18	61.9					11		7	
Michigan.....	23	55	60.0					55			
Minnesota.....	7	40	60.0					40			
Mississippi.....	9	19	64.1					6			13
North Carolina.....	14	25	63.3				2	8		5	10
Oregon.....	3	5	59.9				1	4			
Pennsylvania.....	13	18	63.4					7		4	7
South Carolina.....	6	13	61.6					8	2		3
Tennessee.....	27	33	60.3		2	3	24				4
Texas.....	10	21	60.0					21			
Virginia.....	10	20	63.6				2	4	1	2	11
Washington.....	14	26	60.0					26			
West Virginia.....	15	27	59.9		2			15		2	8
Wisconsin.....	24	56	60.0					56			
Total.....	243	493	61.1	2	2	8	378	3	27	73	

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

SAWYERS, CIRCULAR: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1910.</b>											
Alabama.....	6	9	65.0					2			5
Arkansas.....	4	4	60.0					4			2
Florida.....	4	7	62.6					4			3
Georgia.....	10	12	65.2				2			9	1
Louisiana.....	4	4	60.0					4			
Michigan.....	7	14	60.0					14			
Mississippi.....	3	6	63.0					3			3
North Carolina.....	3	3	60.0					3			
Oregon.....	2	3	59.8			1	2				
Texas.....	3	5	60.0					5			
Washington.....	4	5	60.0					5			
Wisconsin.....	2	2	60.0					2			
Other States.....	6	7	62.0					4		2	1
<b>Total.....</b>	<b>58</b>	<b>81</b>	<b>61.9</b>				<b>1</b>	<b>54</b>		<b>21</b>	<b>3</b>
<b>1911.</b>											
Alabama.....	7	10	65.1					2			6
Arkansas.....	2	2	60.0					2			2
California.....	3	3	62.0					2			1
Florida.....	5	8	63.8					3			5
Georgia.....	11	13	65.8					2			10
Louisiana.....	6	6	61.0					5			1
Maine.....	2	2	65.0						2		
Michigan.....	6	14	60.0					14			
Mississippi.....	7	11	64.9					2			9
North Carolina.....	3	3	60.0					3			
Oregon.....	2	2	59.8			1	1				
Pennsylvania.....	2	2	62.5					1		1	
Texas.....	4	5	60.0					5			
Washington.....	7	8	60.0					8			
Wisconsin.....	2	2	60.0					2			
Other States.....	3	4	62.3					2		1	1
<b>Total.....</b>	<b>72</b>	<b>95</b>	<b>62.5</b>				<b>1</b>	<b>54</b>		<b>33</b>	<b>3</b>
<b>1912.</b>											
Alabama.....	7	10	65.1					2			6
Arkansas.....	2	2	60.0					2			2
California.....	3	3	62.0					2			1
Florida.....	5	7	63.4					3			4
Georgia.....	11	13	66.0					2			7
Louisiana.....	6	6	61.0					5			1
Maine.....	2	2	65.0						2		
Michigan.....	6	17	60.0					17			
Mississippi.....	7	10	64.8					2			8
North Carolina.....	3	3	60.0					3			
Oregon.....	2	2	59.8			1	1				
Pennsylvania.....	2	2	62.5					1		1	
Texas.....	4	5	60.0					5			
Washington.....	7	7	60.0					7			
Wisconsin.....	2	2	60.0					2			
Other States.....	3	3	63.0					1		1	
<b>Total.....</b>	<b>72</b>	<b>94</b>	<b>62.5</b>				<b>1</b>	<b>55</b>		<b>28</b>	<b>6</b>

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, GANG: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1910.</b>											
Alabama.....	6	9	65.1					7	1	2	6
Arkansas.....	7	7	60.0					3			
California.....	3	3	60.0					1			3
Georgia.....	4	4	64.5					10			
Minnesota.....	6	10	60.0								
Mississippi.....	4	4	63.0					2			2
Texas.....	2	3	60.0					3			
Washington.....	3	3	60.0					3			
Wisconsin.....	8	12	60.0					12			
Other States.....	9	9	61.3					7			2
Total.....	52	64	61.4					48	1	2	13
<b>1911.</b>											
Alabama.....	6	7	65.8							1	6
Arkansas.....	8	8	60.0					8			
California.....	2	2	60.0					2			
Florida.....	4	4	66.0								4
Georgia.....	4	4	64.5					1			3
Louisiana.....	9	9	60.6					8		1	
Minnesota.....	4	7	60.0					7			
Mississippi.....	5	5	62.4					2			3
Oregon.....	2	2	60.0					2			
Texas.....	3	3	60.0					3			
Virginia.....	2	2	66.0								2
Washington.....	3	3	60.0					3			
Wisconsin.....	9	11	60.0					11			
Other States.....	5	7	60.9					6			1
Total.....	66	74	61.6					53		2	19
<b>1912.</b>											
Alabama.....	6	8	65.6							2	6
Arkansas.....	8	8	60.0					8			
California.....	2	2	60.0					2			
Florida.....	4	4	66.0								4
Georgia.....	4	4	64.5					1			3
Louisiana.....	9	9	60.6					8		1	
Minnesota.....	4	7	60.0					7			
Mississippi.....	5	5	62.5					2			3
Oregon.....	2	2	60.0					2			
Texas.....	3	3	60.0					3			
Virginia.....	2	2	66.0								2
Washington.....	3	3	60.0					3			
Wisconsin.....	9	12	60.0					12			
Other States.....	5	6	61.0					5			1
Total.....	66	75	61.6					53		3	19

## SAWYERS, RESAW: Male.

<b>1911.</b>											
Arkansas.....	2	3	62.0					2			1
California.....	7	14	60.0					14			
Florida.....	2	2	60.0					2			
Georgia.....	2	2	62.8					1		1	1
Louisiana.....	2	2	63.0					1			

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SAWYERS, RESAW: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—						
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.
<b>1911.</b>										
Maine.....	4	4	61.3	.....	.....	.....	3	.....	1	.....
Michigan.....	7	11	60.0	.....	.....	.....	11	.....	.....	.....
Minnesota.....	5	11	60.0	.....	.....	.....	11	.....	.....	.....
Mississippi.....	2	2	66.0	.....	.....	.....	.....	.....	2	.....
North Carolina.....	8	9	62.6	.....	.....	.....	5	.....	1	3
Oregon.....	4	6	59.9	.....	.....	1	5	.....	.....	.....
Pennsylvania.....	4	8	63.4	.....	.....	.....	3	.....	3	2
South Carolina.....	4	5	61.2	.....	.....	.....	4	.....	.....	1
Tennessee.....	5	6	60.0	.....	.....	.....	6	.....	.....	.....
Virginia.....	3	3	60.5	.....	.....	1	1	.....	1	.....
Washington.....	16	24	60.0	.....	.....	.....	24	.....	.....	.....
West Virginia.....	4	4	63.0	.....	.....	.....	2	.....	.....	2
Wisconsin.....	16	32	60.0	.....	.....	.....	32	.....	.....	.....
Other States.....	1	1	60.0	.....	.....	.....	1	.....	.....	.....
Total.....	98	149	60.7	.....	.....	2	128	.....	7	12
<b>1912.</b>										
Arkansas.....	2	3	62.0	.....	.....	.....	2	.....	.....	1
California.....	7	13	60.0	.....	.....	.....	13	.....	.....	.....
Florida.....	2	2	60.0	.....	.....	.....	2	.....	.....	.....
Georgia.....	2	2	62.8	.....	.....	.....	1	.....	1	.....
Louisiana.....	2	2	63.0	.....	.....	.....	1	.....	.....	1
Maine.....	4	4	61.3	.....	.....	.....	3	.....	1	.....
Michigan.....	7	16	60.0	.....	.....	.....	10	.....	.....	.....
Minnesota.....	5	13	60.0	.....	.....	.....	13	.....	.....	.....
Mississippi.....	2	2	66.0	.....	.....	.....	.....	.....	2	.....
North Carolina.....	8	9	62.5	.....	.....	.....	5	.....	1	3
Oregon.....	4	7	59.9	.....	.....	1	6	.....	.....	.....
Pennsylvania.....	4	8	63.4	.....	.....	.....	3	.....	3	2
South Carolina.....	4	5	61.2	.....	.....	.....	4	.....	.....	1
Tennessee.....	5	6	60.0	.....	.....	.....	6	.....	.....	.....
Virginia.....	3	3	60.5	.....	.....	1	1	.....	1	.....
Washington.....	16	23	60.0	.....	.....	.....	23	.....	.....	.....
West Virginia.....	4	4	63.0	.....	.....	.....	2	.....	.....	2
Wisconsin.....	16	30	60.0	.....	.....	.....	30	.....	.....	.....
Other States.....	1	1	60.0	.....	.....	.....	1	.....	.....	.....
Total.....	98	147	60.7	.....	.....	2	126	.....	7	12

## SETTERS: Male.

<b>1911.</b>										
Alabama.....	13	19	64.7	.....	.....	.....	4	.....	2	11
Arkansas.....	19	35	60.9	.....	.....	.....	30	.....	5	.....
California.....	14	28	60.2	.....	.....	.....	27	.....	1	.....
Florida.....	9	16	63.4	.....	.....	.....	7	.....	9	.....
Georgia.....	16	a 21	65.1	.....	.....	.....	5	.....	2	10
Louisiana.....	21	53	61.0	.....	.....	.....	43	.....	6	4
Maine.....	10	31	61.8	.....	.....	.....	20	.....	11	.....
Michigan.....	25	70	60.0	.....	.....	.....	70	.....	.....	.....
Minnesota.....	8	31	60.0	.....	.....	.....	81	.....	.....	.....
Mississippi.....	15	42	64.7	.....	.....	.....	9	.....	.....	33
North Carolina.....	17	33	63.2	.....	.....	2	12	.....	6	13
Oregon.....	4	7	59.9	.....	.....	2	5	.....	.....	.....
Pennsylvania.....	14	24	62.8	.....	.....	.....	12	.....	5	7
South Carolina.....	7	15	62.0	.....	.....	.....	8	.....	1	4
Tennessee.....	27	34	60.3	.....	1	2	27	.....	.....	4

a Includes 4 who do doggers' work also.

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## SETTERS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1911.</b>											
Texas.....	12	32	60.0				32	6	1	2	11
Virginia.....	11	22	63.3		2		39				
Washington.....	19	39	60.0				19		3	9	
West Virginia.....	16	31	62.2				81				
Wisconsin.....	24	81	60.0								
<b>Total.....</b>	<b>301</b>	<b>714</b>	<b>61.3</b>		<b>1</b>	<b>8</b>	<b>537</b>	<b>3</b>	<b>38</b>	<b>121</b>	<b>6</b>
<b>1912.</b>											
Alabama.....	13	20	64.5				5		2	11	2
Arkansas.....	19	35	60.9				30			5	
California.....	14	29	60.2				28			1	
Florida.....	9	15	63.2				7			8	
Georgia.....	16	22	65.2				5		2	10	5
Louisiana.....	21	52	61.0				42		6	4	
Maine.....	10	31	62.1				18		13		
Michigan.....	25	74	60.0				74				
Minnesota.....	8	84	60.0				84				
Mississippi.....	15	37	64.5				9			28	
North Carolina.....	17	34	63.1		2		13		6	13	
Oregon.....	4	7	59.9		2		5				7
Pennsylvania.....	14	24	62.8				12		5	7	
South Carolina.....	7	16	61.9				9	2	1	4	
Tennessee.....	27	34	60.3		2	3	25			4	
Texas.....	12	32	60.0				32				
Virginia.....	11	22	63.3		2		6	1	2	11	
Washington.....	19	39	60.0				39				
West Virginia.....	16	31	62.3				19		2	10	
Wisconsin.....	24	75	60.0				75				
<b>Total.....</b>	<b>301</b>	<b>713</b>	<b>61.2</b>		<b>2</b>	<b>9</b>	<b>537</b>	<b>3</b>	<b>39</b>	<b>116</b>	<b>7</b>

## TRIMMER OPERATORS: Male.

1910.											
Alabama.....	12	17	64.5				3	1	3	8	2
Arkansas.....	17	22	61.1				18			4	
California.....	9	14	60.4				13			1	
Florida.....	9	14	63.4				6			8	
Georgia.....	13	13	64.3				4			8	1
Louisiana.....	10	11	61.6				8			3	
Michigan.....	14	38	60.0				38				
Minnesota.....	8	112	60.0				112				
Mississippi.....	9	17	64.6				4			13	
North Carolina.....	14	16	61.6		1	1	8	1	1	4	
Oregon.....	3	7	59.9			1	6				
Pennsylvania.....	13	25	64.0				8		3	14	
South Carolina.....	5	11	61.6				6	2	1	2	
Tennessee.....	24	25	59.5		3	2	19		1		
Texas.....	10	27	60.0				27				
Virginia.....	9	12	63.2			1	3	1	1	6	
Washington.....	14	26	60.0				26				
West Virginia.....	13	15	63.1				7		2	6	
Wisconsin.....	22	81	60.0				81				
<b>Total.....</b>	<b>228</b>	<b>503</b>	<b>61.0</b>		<b>4</b>	<b>5</b>	<b>397</b>	<b>5</b>	<b>12</b>	<b>77</b>	<b>3</b>

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Concluded.

TRIMMER OPERATORS: Male—Concluded.

Year and State.	Number of establish- ments.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>1911.</b>											
Alabama.....	12	14	64.7					3		2	7
Arkansas.....	19	26	60.9					22			4
California.....	14	23	60.3					22			1
Florida.....	9	14	64.3					4			10
Georgia.....	15	15	64.8					4		1	8
Louisiana.....	21	27	61.0					22		2	3
Maine.....	8	13	61.5					9		4	
Michigan.....	25	55	60.0					55			
Minnesota.....	8	31	60.0					31			
Mississippi.....	13	21	64.9					4			17
North Carolina.....	17	19	62.0				1	8		3	7
Oregon.....	4	8	59.9				1	7			
Pennsylvania.....	14	22	63.3					9		5	8
South Carolina.....	7	13	61.8					7	2	1	3
Tennessee.....	27	27	60.1			1	2	22			2
Texas.....	12	24	60.0					24			
Virginia.....	11	12	63.3				1	3	1	1	6
Washington.....	18	26	60.0					26			
West Virginia.....	16	18	62.9					9		2	7
Wisconsin.....	24	71	60.0					71			
Total.....	294	479	61.3			1	5	362	3	21	83
<b>1912.</b>											
Alabama.....	12	14	64.7					3		2	7
Arkansas.....	19	26	60.7					23			3
California.....	14	26	60.2					25			1
Florida.....	9	13	64.2					4			9
Georgia.....	15	15	64.1					4		1	8
Louisiana.....	21	29	61.1					23		3	3
Maine.....	8	13	61.5					9		4	
Michigan.....	25	54	60.0					54			
Minnesota.....	8	29	60.0					29			
Mississippi.....	13	18	64.7					4			14
North Carolina.....	17	20	63.1				1	8		3	8
Oregon.....	4	8	59.9				1	7			
Pennsylvania.....	14	18	63.1					8		4	6
South Carolina.....	7	11	61.5					7	1	1	2
Tennessee.....	27	27	59.9			2	3	20			2
Texas.....	12	18	60.0					18			
Virginia.....	11	12	63.3				1	3	1	1	6
Washington.....	18	27	60.0					27			
West Virginia.....	16	17	62.7					9		2	6
Wisconsin.....	24	46	60.0					46			
Total.....	294	441	61.3			2	6	331	2	21	75

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>CARRIAGEMEN, MALE.</b>											
Alabama:											
13 establishments	{ 1910	60	64.7					11	2	9	31
	{ 1911	60	64.7					11	2	9	31
Arkansas:	{ 1910	108	61.3					84			24
17 establishments	{ 1911	106	61.2					85			21
California:											
9 establishments	{ 1910	39	60.3					37			2
	{ 1911	33	60.4					31			2
Florida:											
9 establishments	{ 1910	53	62.6					30			23
	{ 1911	53	62.6					30			23
Georgia:											
14 establishments	{ 1910	38	63.9					14			22
	{ 1911	38	63.9					14			22
Louisiana:											
10 establishments	{ 1910	58	60.6					52			6
	{ 1911	60	60.6					54			6
Maine:											
7 establishments	{ 1910	28	61.8					18		10	
	{ 1911	29	61.9					18		11	
Michigan:											
22 establishments	{ 1910	121	60.0					121			
	{ 1911	121	60.0					121			
Minnesota:											
8 establishments	{ 1910	108	60.0					108			
	{ 1911	121	60.0					121			
Mississippi:											
9 establishments	{ 1910	91	64.6					21			70
	{ 1911	79	64.2					24			55
North Carolina:											
14 establishments	{ 1910	59	61.9				2	6	27	3	15
	{ 1911	59	61.9				2	6	27	3	15
Oregon:											
3 establishments	{ 1910	21	59.9				6	15			
	{ 1911	15	59.8				6	9			
Pennsylvania:											
13 establishments	{ 1910	48	63.7					18		4	26
	{ 1911	42	63.6					16		4	22
South Carolina:											
5 establishments	{ 1910	34	61.5					21	4	3	6
	{ 1911	34	61.5					21	4	3	6
Tennessee:											
24 establishments	{ 1910	60	59.8				4	4	48	4	
	{ 1911	60	59.8				4	4	48	4	
Texas:											
10 establishments	{ 1910	85	60.0					85			
	{ 1911	76	60.0					76			
Virginia:											
9 establishments	{ 1910	57	62.7					6	18	3	6
	{ 1911	57	62.7					6	18	3	6
Washington:											
14 establishments	{ 1910	84	60.0					84			
	{ 1911	80	60.0					80			
West Virginia:											
13 establishments	{ 1910	41	62.7					21		8	12
	{ 1911	41	62.7					21		8	12
Wisconsin:											
22 establishments	{ 1910	134	60.0					134			
	{ 1911	134	60.0					134			
<b>DOGGERS, MALE.</b>											
Alabama:											
13 establishments	{ 1911	39	64.8					8		4	22
	{ 1912	41	65.0					7		5	24
Arkansas:											
19 establishments	{ 1911	69	60.9					59			10
	{ 1912	73	60.8					63			10

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
DOGGERS, MALE—concluded.											
California:											
13 establishments.	{ 1911	32	60.2				31			1	
	{ 1912	33	60.2				32			1	
Florida:											
9 establishments.	{ 1911	39	63.2				18			21	
	{ 1912	35	63.3				16			19	
Georgia:											
13 establishments.	{ 1911	27	64.1				10		4	10	3
	{ 1912	28	64.0				11		4	10	3
Louisiana:											
21 establishments.	{ 1911	91	60.5				83		3	5	
	{ 1912	91	60.5				83		3	5	
Maine:											
4 establishments.	{ 1911	8	63.8				2		6		
	{ 1912	10	64.0				2		8		
Michigan:											
25 establishments.	{ 1911	73	60.0				73				
	{ 1912	86	60.0				86				
Minnesota:											
4 establishments.	{ 1911	31	60.0				31				
	{ 1912	30	60.0				30				
Mississippi:											
15 establishments.	{ 1911	73	64.3				21			52	
	{ 1912	62	64.3				18			44	
North Carolina:											
15 establishments.	{ 1911	41	62.8				4	16	8	13	
	{ 1912	42	62.7				4	17	8	13	
Oregon:											
4 establishments.	{ 1911	14	59.9				4	10			
	{ 1912	14	59.9				4	10			
Pennsylvania:											
10 establishments.	{ 1911	13	64.4				3		3	7	
	{ 1912	13	64.4				3		3	7	
South Carolina:											
6 establishments.	{ 1911	24	61.4				16	2	2	4	
	{ 1912	26	61.4				16	4	2	4	
Tennessee:											
26 establishments.	{ 1911	40	60.4		1	2	33			4	
	{ 1912	40	60.0		2	3	31			4	
Texas:											
12 establishments.	{ 1911	42	60.0				42				
	{ 1912	44	60.0				44				
Virginia:											
11 establishments.	{ 1911	44	63.3				4	12	2	4	22
	{ 1912	42	63.5				4	9	2	4	23
Washington:											
19 establishments.	{ 1911	63	60.0				63				
	{ 1912	67	60.0				67				
West Virginia:											
14 establishments.	{ 1911	24	62.4				14		3	7	
	{ 1912	23	62.3				14		2	7	
Wisconsin:											
20 establishments.	{ 1911	65	60.0				65				
	{ 1912	69	60.0				69				
EDGERMEN, MALE.											
Alabama:											
13 establishments.	{ 1910	22	64.6				4	1	4	11	2
	{ 1911	22	64.6				4	1	4	11	2
13 establishments.	{ 1911	20	64.7				4		3	11	2
	{ 1912	18	64.6				4		3	9	2
Arkansas:											
17 establishments.	{ 1910	51	60.9				43			8	
	{ 1911	50	60.7				44			6	
19 establishments.	{ 1911	57	60.6				51			6	
	{ 1912	52	60.6				47			5	
California:											
9 establishments.	{ 1910	18	60.3				17			1	
	{ 1911	16	60.4				15			1	
14 establishments.	{ 1911	26	60.2				25			1	
	{ 1912	32	60.2				31			1	

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
EDGERMEN, MALE—continued.											
Florida:											
9 establishments.	{ 1910	15	62.8				8			7	
	{ 1911	15	62.8				8			7	
9 establishments.	{ 1911	15	63.6				6			9	
	{ 1912	15	63.6				6			9	
Georgia:											
14 establishments.	{ 1910	15	64.1				5			9	
	{ 1911	15	64.1				5			9	1
16 establishments.	{ 1911	18	64.6				5		2	9	2
	{ 1912	19	64.6				5		3	9	2
Louisiana:											
10 establishments.	{ 1910	22	60.8				19			3	
	{ 1911	21	60.9				18			3	
21 establishments.	{ 1911	55	60.9				46		4	5	
	{ 1912	59	61.0				48		6	5	
Maine:											
7 establishments.	{ 1910	18	62.5				9		9		
	{ 1911	19	62.6				9		10		
10 establishments.	{ 1911	22	62.5				11		11		
	{ 1912	24	62.5				12		12		
Michigan:											
22 establishments.	{ 1910	58	60.0				58				
	{ 1911	59	60.0				59				
25 establishments.	{ 1911	70	60.0				70				
	{ 1912	69	60.0				69				
Minnesota:											
8 establishments.	{ 1910	64	60.0				64				
	{ 1911	65	60.0				65				
7 establishments.	{ 1911	61	60.0				61				
	{ 1912	62	60.0				62				
Mississippi:											
9 establishments.	{ 1910	32	64.5				8			24	
	{ 1911	29	64.1				9			20	
15 establishments.	{ 1911	41	64.2				12			29	
	{ 1912	36	63.8				13			23	
North Carolina:											
14 establishments.	{ 1910	22	61.9		1	2	10	1	2	6	
	{ 1911	22	61.9		1	2	10	1	2	6	
17 establishments.	{ 1911	26	63.0			2	10		4	10	
	{ 1912	28	63.2			2	10		5	11	
Oregon:											
3 establishments.	{ 1910	7	59.9			2	5				
	{ 1911	5	59.8			2	3				
4 establishments.	{ 1911	7	59.9			2	5				
	{ 1912	7	59.9			2	5				
Pennsylvania:											
13 establishments.	{ 1910	25	63.8				9		2	14	
	{ 1911	22	63.7				8		2	12	
14 establishments.	{ 1911	19	63.3				8		4	7	
	{ 1912	20	63.1				9		4	7	
South Carolina:											
5 establishments.	{ 1910	13	61.4				8	2	1	2	
	{ 1911	13	61.4				8	2	1	2	
7 establishments.	{ 1911	15	61.6				9	2	1	3	
	{ 1912	16	61.5				10	2	1	3	
Tennessee:											
24 establishments.	{ 1910	26	59.8		2	2	20		2		
	{ 1911	26	59.8		2	2	20		2		
27 establishments.	{ 1911	32	60.5		1	2	25			4	
	{ 1912	32	60.3		2	3	23			4	

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
EDGERMEN, MALE—concluded.											
Texas:											
10 establishments...	{ 1910	36	60.0					36			
	{ 1911	31	60.0					31			
12 establishments...	{ 1911	34	60.0					34			
	{ 1912	33	60.0					33			
Virginia:											
9 establishments...	{ 1910	18	62.9				2	5	1	2	8
	{ 1911	18	62.9				2	5	1	2	8
11 establishments...	{ 1911	22	63.5				2	5	1	2	12
	{ 1912	21	63.7				2	4	1	2	12
Washington:											
14 establishments...	{ 1910	22	60.0					22			
	{ 1911	20	60.0					20			
18 establishments...	{ 1911	24	60.0					24			
	{ 1912	26	60.0					26			
West Virginia:											
13 establishments...	{ 1910	20	62.6					11		3	6
	{ 1911	20	62.6					11		3	6
16 establishments...	{ 1911	26	62.2					16		2	8
	{ 1912	26	62.2					16		2	8
Wisconsin:											
22 establishments...	{ 1910	81	60.0					81			
	{ 1911	81	60.0					81			
24 establishments...	{ 1911	94	60.0					94			
	{ 1912	91	60.0					91			
LABORERS, MALE.											
Alabama:											
3 establishments...	{ 1907	180	62.2					128			52
	{ 1908	165	62.3					114			51
	{ 1909	171	62.3					119			52
	{ 1910	177	62.2					126			51
13 establishments...	{ 1910	1,101	64.2					247	66	176	561
	{ 1911	1,094	64.2					242	65	175	561
13 establishments...	{ 1911	1,190	64.5					225		301	613
	{ 1912	1,403	64.8					198		394	699
Arkansas:											
17 establishments...	{ 1910	954	60.6					861			93
	{ 1911	949	60.6					852			97
19 establishments...	{ 1911	1,936	60.4					1,802			134
	{ 1912	2,142	60.6					1,945			197
California:											
2 establishments...	{ 1907	277	60.0					277			
	{ 1908	257	60.0					257			
	{ 1909	311	60.0					311			
	{ 1910	379	60.0					379			
9 establishments...	{ 1910	871	60.1					855			16
	{ 1911	741	60.1					723			18
14 establishments...	{ 1911	1,206	60.1					1,188			18
	{ 1912	1,311	60.1					1,289			22
Florida:											
3 establishments...	{ 1907	211	60.0					211			
	{ 1908	162	60.0					162			
	{ 1909	159	60.0					159			
	{ 1910	160	60.0					160			
9 establishments...	{ 1910	637	62.1					447			240
	{ 1911	684	62.1					444			240
9 establishments...	{ 1911	799	63.2					373			426
	{ 1912	1,013	63.3					451			562

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
<b>LABORERS, MALE—continued.</b>											
Georgia:											
14 establishments.	{ 1910	872	63.7					352		459	61
	{ 1911	867	63.7					350		454	63
16 establishments.	{ 1911	1,159	64.3					398	131	481	149
	{ 1912	1,062	64.4					350	114	447	151
Louisiana:											
10 establishments.	{ 1910	591	61.4					453		138	
	{ 1911	581	61.4					444		137	
21 establishments.	{ 1911	2,459	61.4					1,819	313	327	
	{ 1912	2,398	61.1					1,940	230	228	
Maine:											
2 establishments.	{ 1907	257	60.0					257			
	{ 1908	300	60.0					300			
	{ 1909	312	60.0					312			
	{ 1910	303	60.0					303			
7 establishments.	{ 1910	633	61.5					438	195		
	{ 1911	665	61.6					456	209		
10 establishments.	{ 1911	732	61.7					484	248		
	{ 1912	515	62.0					312	203		
Michigan:											
5 establishments.	{ 1907	428	60.0					428			
	{ 1908	418	60.0					418			
	{ 1909	412	60.0					412			
	{ 1910	421	60.0					421			
22 establishments.	{ 1910	1,953	60.0					1,953			
	{ 1911	1,976	60.0					1,976			
25 establishments.	{ 1911	2,206	60.0					2,206			
	{ 1912	1,766	60.0					1,766			
Minnesota:											
8 establishments.	{ 1910	1,210	60.0					1,209		1	
	{ 1911	1,235	60.0					1,235			
7 establishments.	{ 1911	1,213	60.0					1,213			
	{ 1912	1,269	60.0					1,269			
Mississippi:											
10 establishments.	{ 1910	1,026	64.6					239		787	
	{ 1911	877	64.4					233		644	
15 establishments.	{ 1911	1,886	64.5					466		1,420	
	{ 1912	1,624	64.5					412		1,212	
North Carolina:											
4 establishments.	{ 1907	359	62.9		12			138	137	72	
	{ 1908	298	63.9		12			57	155	74	
	{ 1909	303	63.9		12			57	157	77	
	{ 1910	327	63.4		15			88	144	80	
14 establishments.	{ 1910	964	62.1		15	98		421	50	144	236
	{ 1911	988	62.3		14	90		411	64	119	290
17 establishments.	{ 1911	1,345	63.0					95	517	301	432
	{ 1912	1,321	62.7					101	562	290	368
Oregon:											
2 establishments.	{ 1907	310	59.8					121	189		
	{ 1908	385	59.8					185	200		
	{ 1909	318	59.7					171	147		
	{ 1910	502	59.8					228	274		
3 establishments.	{ 1910	613	59.8					228	385		
	{ 1911	332	59.8					144	188		
4 establishments.	{ 1911	458	59.8					157	301		
	{ 1912	483	59.9					124	359		

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
LABORERS, MALE—concluded.											
Pennsylvania:											
5 establishments...	1907	137	63.3				62			75	
	1908	146	63.0				72			74	
	1909	165	62.7				90			75	
	1910	165	62.8				87			78	
13 establishments...	1910	772	63.1				359		72	341	
	1911	676	63.2				299		76	301	
14 establishments...	1911	518	63.4				204		145	169	
	1912	654	63.1				296		144	214	
South Carolina:											
2 establishments...	1907	84	62.1					50	34		
	1908	84	62.1					51	33		
	1909	88	62.1					52	36		
	1910	96	62.2					53	43		
5 establishments...	1910	618	61.3				426	53	43	96	
	1911	608	61.3				410	50	55	93	
7 establishments...	1911	721	61.5				453	76	55	137	
	1912	871	61.1				623	85	56	107	
Tennessee:											
2 establishments...	1907	89	60.0				89				
	1908	86	60.0				86				
	1909	89	60.0				89				
	1910	65	60.0				65				
23 establishments...	1910	716	59.8		32	94	549		41		
	1911	733	59.8		32	100	559		42		
27 establishments...	1911	1,006	60.4		11	52	849			94	
	1912	919	60.6		25	55	712			127	
Texas:											
10 establishments...	1910	727	60.0				727				
	1911	723	60.0				723				
12 establishments...	1911	1,359	60.0				1,359				
	1912	1,380	60.0				1,380				
Virginia:											
9 establishments...	1910	814	63.2			136	146	38	48	446	
	1911	785	63.2			116	152	47	48	422	
11 establishments...	1911	826	63.0			84	239	69	48	386	
	1912	788	63.4			75	195	60	46	412	
Washington:											
3 establishments...	1907	971	60.0				971				
	1908	569	60.0				569				
	1909	777	60.0				777				
	1910	1,158	60.0				1,158				
14 establishments...	1910	2,132	60.0				2,132				
	1911	1,628	60.0				1,628				
18 establishments...	1911	2,137	60.0				2,137				
	1912	1,982	60.0				1,982				
West Virginia:											
13 establishments...	1910	532	62.8				268		82	182	
	1911	526	62.9				263		77	186	
16 establishments...	1911	790	62.2				496		59	235	
	1912	767	62.4				457		54	256	
Wisconsin:											
7 establishments...	1907	724	60.0				724				
	1908	725	60.0				725				
	1909	743	60.0				743				
	1910	774	60.0				774				
22 establishments...	1910	2,541	60.0				2,541				
	1911	2,588	60.0				2,588				
24 establishments...	1911	2,838	60.0				2,838				
	1912	1,838	60.0				1,838				

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
PLANER FEEDERS, MALE.											
Alabama:											
7 establishments—	{ 1911	43	64.7					5		15	23
	\ 1912	46	64.7					5		17	24
Arkansas:											
18 establishments—	{ 1911	199	60.5					184			15
	\ 1912	203	60.4					188			15
California:											
10 establishments—	{ 1911	38	60.0					38			
	\ 1912	43	60.0					43			
Florida:											
4 establishments—	{ 1911	23	62.6					13			10
	\ 1912	25	62.4					15			10
Georgia:											
8 establishments—	{ 1911	27	63.0					13		5	9
	\ 1912	27	63.0					13		5	9
Louisiana:											
20 establishments—	{ 1911	179	61.4					134		14	31
	\ 1912	166	69.9					139		14	13
Maine:											
4 establishments—	{ 1911	8	63.8					2		6	
	\ 1912	9	63.9					2		7	
Michigan:											
4 establishments—	{ 1911	48	60.0					48			
	\ 1912	56	60.0					56			
Minnesota:											
4 establishments—	{ 1911	46	60.0					46			
	\ 1912	49	60.0					49			
Mississippi:											
14 establishments—	{ 1911	95	64.2					12	15		68
	\ 1912	81	64.2					24			57
North Carolina:											
8 establishments—	{ 1911	44	63.3					1	17		12
	\ 1912	45	63.3					1	17		13
Oregon:											
4 establishments—	{ 1911	39	59.9					7	32		
	\ 1912	42	59.9					7	35		
Pennsylvania:											
8 establishments—	{ 1911	10	63.3					4		3	3
	\ 1912	10	63.3					4		3	3
South Carolina:											
3 establishments—	{ 1911	12	63.1					2	5		5
	\ 1912	11	62.9					2	5		4
Tennessee:											
6 establishments—	{ 1911	14	62.6					8			6
	\ 1912	17	62.5					10			7
Texas:											
12 establishments—	{ 1911	106	60.0					106			
	\ 1912	103	60.0					103			
Virginia:											
4 establishments—	{ 1911	20	61.8					13	2		5
	\ 1912	18	61.1					13	3		2
Washington:											
16 establishments—	{ 1911	93	60.0					93			
	\ 1912	100	60.0					100			
West Virginia:											
11 establishments—	{ 1911	30	62.7					16		2	12
	\ 1912	31	62.6					17		2	12
Wisconsin:											
13 establishments—	{ 1911	82	60.0					82			
	\ 1912	83	60.0					83			
SAWYERS, BAND, MALE.											
Alabama:											
7 establishments—	{ 1910	12	64.2					2		5	5
	\ 1911	12	64.2					2		5	5
7 establishments—	{ 1911	9	64.3					2		2	5
	\ 1912	8	64.1					2		2	4

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—						
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.
SAWYERS, BAND, MALE—continued.										
Arkansas:										
14 establishments...	{ 1910	28	61.3				22			6
	{ 1911	28	61.3				22			6
16 establishments...	{ 1911	33	61.1				27			6
	{ 1912	32	60.9				27			5
California:										
9 establishments...	{ 1910	16	60.4				15			1
	{ 1911	15	60.4				14			1
11 establishments...	{ 1911	25	60.0				25			
	{ 1912	26	60.0				26			
Florida:										
5 establishments...	{ 1910	9	62.7				5			4
	{ 1911	9	62.7				5			4
4 establishments...	{ 1911	8	63.0				4			4
	{ 1912	8	63.0				4			4
Georgia:										
4 establishments...	{ 1910	5	62.4				3			2
	{ 1911	5	62.4				3			2
5 establishments...	{ 1911	7	63.3				3		2	2
	{ 1912	7	63.3				3		2	2
Louisiana:										
8 establishments...	{ 1910	13	60.9				11			2
	{ 1911	13	60.9				11			2
17 establishments...	{ 1911	35	60.8				30		3	2
	{ 1912	36	62.4				31		3	2
Maine:										
6 establishments...	{ 1910	17	62.4				9		8	
	{ 1911	18	62.5				9		9	
8 establishments...	{ 1911	20	62.3				11		9	
	{ 1912	18	61.9				11		7	
Michigan:										
19 establishments...	{ 1910	45	60.0				45			
	{ 1911	45	60.0				45			
23 establishments...	{ 1911	52	60.0				52			
	{ 1912	55	60.0				55			
Minnesota:										
8 establishments...	{ 1910	38	60.0				33			
	{ 1911	48	60.0				48			
7 establishments...	{ 1911	43	60.0				43			
	{ 1912	40	60.0				40			
Mississippi:										
7 establishments...	{ 1910	21	64.9				4			17
	{ 1911	19	64.7				4			15
9 establishments...	{ 1911	25	64.6				6			19
	{ 1912	19	64.1				6			13
North Carolina:										
11 establishments...	{ 1910	20	62.1		1	2	8	1	2	6
	{ 1911	20	62.1		1	2	8	1	2	6
14 establishments...	{ 1911	25	63.3			2	8		5	10
	{ 1912	25	63.3			2	8		5	10
Oregon:										
2 establishments...	{ 1910	4	59.9				1	3		
	{ 1911	3	59.8				1	2		
3 establishments...	{ 1911	5	59.9				1	4		
	{ 1912	5	59.9				1	4		
Pennsylvania:										
13 establishments...	{ 1910	24	63.7				9		2	13
	{ 1911	22	63.7				8		2	12
13 establishments...	{ 1911	18	63.4				7		4	7
	{ 1912	18	63.4				7		4	7

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
SAWYERS, BAND, MALE—concluded.											
South Carolina:											
4 establishments. . . . .	{ 1910	10	61.4					7	1		2
	{ 1911	10	61.4					7	1		2
6 establishments. . . . .	{ 1911	12	61.6					8	1		3
	{ 1912	13	61.6					8	2		3
Tennessee:											
23 establishments. . . . .	{ 1910	26	59.8		2	2	20			2	
	{ 1911	26	59.8		2	2	20			2	
27 establishments. . . . .	{ 1911	33	60.5		1	2	26			4	
	{ 1912	33	60.3		2	3	24			4	
Texas:											
9 establishments. . . . .	{ 1910	22	60.0				22				
	{ 1911	21	60.0				21				
10 establishments. . . . .	{ 1911	23	60.0				23				
	{ 1912	21	60.0				21				
Virginia:											
8 establishments. . . . .	{ 1910	17	63.0			2	4	1	2	8	
	{ 1911	17	63.0			2	4	1	2	8	
10 establishments. . . . .	{ 1911	20	63.6			2	4	1	2	11	
	{ 1912	20	63.6			2	4	1	2	11	
Washington:											
12 establishments. . . . .	{ 1910	26	60.0				26				
	{ 1911	25	60.0				25				
14 establishments. . . . .	{ 1911	27	60.0				27				
	{ 1912	26	60.0				26				
West Virginia:											
12 establishments. . . . .	{ 1910	20	59.5	2			9		4	5	
	{ 1911	20	59.5	2			9		4	5	
15 establishments. . . . .	{ 1911	27	59.9	2			15		3	7	
	{ 1912	27	59.9	2			15		2	8	
Wisconsin:											
22 establishments. . . . .	{ 1910	57	60.0				57				
	{ 1911	57	60.0				57				
24 establishments. . . . .	{ 1911	62	60.0				62				
	{ 1912	56	60.0				56				
SAWYERS, CIRCULAR, MALE.											
Alabama:											
6 establishments. . . . .	{ 1910	9	65.0				2			5	2
	{ 1911	9	65.0				2			5	2
7 establishments. . . . .	{ 1911	10	65.1				2			6	2
	{ 1912	10	65.1				2			6	2
Arkansas:											
4 establishments. . . . .	{ 1910	4	60.0				4				
	{ 1911	4	60.0				4				
2 establishments. . . . .	{ 1911	2	60.0				2				
	{ 1912	2	60.0				2				
California:											
3 establishments. . . . .	{ 1911	3	62.0				2			1	
	{ 1912	3	62.0				2			1	
Florida:											
4 establishments. . . . .	{ 1910	7	62.6				4			3	
	{ 1911	7	62.6				4			3	
5 establishments. . . . .	{ 1911	8	63.8				3			5	
	{ 1912	7	63.4				3			4	
Georgia:											
10 establishments. . . . .	{ 1910	12	65.2				2			9	1
	{ 1911	12	65.2				2			9	1
11 establishments. . . . .	{ 1911	13	65.8				2			10	1
	{ 1912	13	66.0				2			7	4

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
SAWYERS, CIRCULAR, MALE—concluded.											
Louisiana:											
4 establishments	{ 1910	4	60.0					4			
	{ 1911	4	60.0					4			
6 establishments	{ 1911	6	61.0					5			
	{ 1912	6	61.0					5			
Maine:											
2 establishments	{ 1911	2	65.0							2	
	{ 1912	2	65.0							2	
Michigan:											
7 establishments	{ 1910	14	60.0					14			
	{ 1911	14	60.0					14			
6 establishments	{ 1911	14	60.0					14			
	{ 1912	17	60.0					17			
Mississippi:											
3 establishments	{ 1910	6	63.0					3			
	{ 1911	5	63.6					2			
7 establishments	{ 1911	11	64.9					2			
	{ 1912	10	64.8					2			
North Carolina:											
3 establishments	{ 1910	3	60.0					3			
	{ 1911	3	60.0					3			
3 establishments	{ 1911	3	60.0					3			
	{ 1912	3	60.0					3			
Oregon:											
2 establishments	{ 1910	3	59.8				1	2			
	{ 1911	2	59.8				1	1			
2 establishments	{ 1911	2	59.8				1	1			
	{ 1912	2	59.8				1	1			
Pennsylvania:											
2 establishments	{ 1911	2	62.5					1		1	
	{ 1912	2	62.5					1		1	
Texas:											
3 establishments	{ 1910	5	60.0					5			
	{ 1911	5	60.0					5			
4 establishments	{ 1911	5	60.0					5			
	{ 1912	5	60.0					5			
Washington:											
4 establishments	{ 1910	5	60.0					5			
	{ 1911	5	60.0					5			
7 establishments	{ 1911	8	60.0					8			
	{ 1912	7	60.0					7			
Wisconsin:											
2 establishments	{ 1910	2	60.0					2			
	{ 1911	2	60.0					2			
2 establishments	{ 1911	2	60.0					2			
	{ 1912	2	60.0					2			
SAWYERS, GANG, MALE.											
Alabama:											
6 establishments	{ 1910	9	65.1						1	2	6
	{ 1911	9	65.1						1	2	6
6 establishments	{ 1911	7	65.8						1	6	
	{ 1912	8	65.6						2	6	
Arkansas:											
7 establishments	{ 1910	7	60.0				7				
	{ 1911	7	60.0				7				
8 establishments	{ 1911	8	60.0				8				
	{ 1912	8	60.0				8				

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
SAWYERS, GANG, MALE—concluded.											
California:											
3 establishments....	{ 1910	3	60.0					3			
	{ 1911	3	60.0					3			
2 establishments....	{ 1911	2	60.0					2			
	{ 1912	2	60.0					2			
Florida:											
4 establishments....	{ 1911	4	66.0								4
	{ 1912	4	66.0								4
Georgia:											
4 establishments....	{ 1910	4	64.5					1			3
	{ 1911	4	64.5					1			3
4 establishments....	{ 1911	4	64.5					1			3
	{ 1912	4	64.5					1			3
Louisiana:											
9 establishments....	{ 1911	9	60.6					8		1	
	{ 1912	9	60.6					8		1	
Minnesota:											
6 establishments....	{ 1910	10	60.0					10			
	{ 1911	8	60.0					8			
4 establishments....	{ 1911	7	60.0					7			
	{ 1912	7	60.0					7			
Mississippi:											
4 establishments....	{ 1910	4	63.0					2			2
	{ 1911	4	63.0					2			2
5 establishments....	{ 1911	5	62.4					2			3
	{ 1912	5	62.5					2			3
Oregon:											
2 establishments....	{ 1911	2	60.0					2			
	{ 1912	2	60.0					2			
Texas:											
2 establishments....	{ 1910	3	60.0					3			
	{ 1911	2	60.0					2			
3 establishments....	{ 1911	3	60.0					3			
	{ 1912	3	60.0					3			
Virginia:											
2 establishments....	{ 1911	2	66.0								2
	{ 1912	2	66.0								2
Washington:											
3 establishments....	{ 1910	3	60.0					3			
	{ 1911	4	60.0					4			
3 establishments....	{ 1911	3	60.0					3			
	{ 1912	3	60.0					3			
Wisconsin:											
8 establishments....	{ 1910	12	60.0					12			
	{ 1911	10	60.0					10			
9 establishments....	{ 1911	11	60.0					11			
	{ 1912	12	60.0					12			
SAWYERS, RESAW, MALE.											
Arkansas:											
2 establishments....	{ 1911	3	62.0					2			1
	{ 1912	3	62.0					2			1
California:											
7 establishments....	{ 1911	14	60.0					14			
	{ 1912	13	60.0					13			
Florida:											
2 establishments....	{ 1911	2	60.0					2			
	{ 1912	2	60.0					2			

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
SAWYER, RESAW, MALE—concluded.											
Georgia:											
2 establishments....	{ 1911	2	62.8	-----			1	-----	1	-----	
	{ 1912	2	62.8	-----			1	-----	1	-----	
Louisiana:											
2 establishments....	{ 1911	2	63.0	-----			1	-----	1	-----	
	{ 1912	2	63.0	-----			1	-----	1	-----	
Maine:											
4 establishments....	{ 1911	4	61.3	-----			3	-----	1	-----	
	{ 1912	4	61.3	-----			3	-----	1	-----	
Michigan:											
7 establishments....	{ 1911	11	60.0	-----			11	-----	-----	-----	
	{ 1912	10	60.0	-----			10	-----	-----	-----	
Minnesota:											
5 establishments....	{ 1911	11	60.0	-----			11	-----	-----	-----	
	{ 1912	13	60.0	-----			13	-----	-----	-----	
Mississippi:											
2 establishments....	{ 1911	2	66.0	-----						2	-----
	{ 1912	2	66.0	-----						2	-----
North Carolina:											
8 establishments....	{ 1911	9	62.6	-----			5	-----	1	3	-----
	{ 1912	9	62.5	-----			5	-----	1	3	-----
Oregon:											
4 establishments....	{ 1911	6	59.9	-----		1	5	-----	-----	-----	
	{ 1912	7	59.9	-----		1	6	-----	-----	-----	
Pennsylvania:											
4 establishments....	{ 1911	8	63.4	-----			3	-----	3	2	-----
	{ 1912	8	63.4	-----			3	-----	3	2	-----
South Carolina:											
4 establishments....	{ 1911	5	61.2	-----			4	-----	1	1	-----
	{ 1912	5	61.2	-----			4	-----	1	1	-----
Tennessee:											
5 establishments....	{ 1911	6	60.0	-----			6	-----	-----	-----	
	{ 1912	6	60.0	-----			6	-----	-----	-----	
Virginia:											
3 establishments....	{ 1911	3	60.5	-----		1	1	-----	1	-----	
	{ 1912	3	60.5	-----		1	1	-----	1	-----	
Washington:											
16 establishments....	{ 1911	24	60.0	-----			24	-----	-----	-----	
	{ 1912	23	60.0	-----			23	-----	-----	-----	
West Virginia:											
4 establishments....	{ 1911	4	63.0	-----			2	-----	2	2	-----
	{ 1912	4	63.0	-----			2	-----	2	2	-----
Wisconsin:											
16 establishments....	{ 1911	32	60.0	-----			32	-----	-----	-----	
	{ 1912	30	60.0	-----			30	-----	-----	-----	
SETTERS, MALE.											
Alabama:											
13 establishments....	{ 1911	19	64.7	-----			4	-----	2	11	2
	{ 1912	20	64.5	-----			5	-----	2	11	2
Arkansas:											
19 establishments....	{ 1911	35	60.9	-----			30	-----	5	5	-----
	{ 1912	35	60.9	-----			30	-----	5	5	-----
California:											
14 establishments....	{ 1911	28	60.2	-----			27	-----	1	1	-----
	{ 1912	29	60.2	-----			28	-----	1	1	-----
Florida:											
9 establishments....	{ 1911	16	63.4	-----			7	-----	9	-----	
	{ 1912	15	63.2	-----			7	-----	8	-----	
Georgia:											
16 establishments....	{ 1911	21	65.1	-----			5	-----	2	10	4
	{ 1912	22	65.2	-----			5	-----	2	10	5
Louisiana:											
21 establishments....	{ 1911	53	61.0	-----			43	-----	6	4	-----
	{ 1912	52	61.0	-----			42	-----	6	4	-----
Maine:											
10 establishments....	{ 1911	31	61.8	-----			20	-----	11	-----	
	{ 1912	31	62.1	-----			18	-----	13	-----	
Michigan:											
25 establishments....	{ 1911	70	60.0	-----			70	-----	-----	-----	
	{ 1912	74	60.0	-----			74	-----	-----	-----	

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
SETTERS, MALE—concluded.											
Minnesota:											
8 establishments...	1911	81	60.0				81				
	1912	84	60.0				84				
Mississippi:											
15 establishments...	1911	42	64.7				9			33	
	1912	37	64.5				9			28	
North Carolina:											
17 establishments...	1911	33	63.2			2	12		6	13	
	1912	34	63.1			2	13		6	13	
Oregon:											
4 establishments...	1911	7	59.9			2	5				
	1912	7	59.9			2	5				
Pennsylvania:											
14 establishments...	1911	24	62.8				12		5	7	
	1912	24	62.8				12		5	7	
South Carolina:											
7 establishments...	1911	15	62.0				8	2	1	4	
	1912	16	61.9				9	2	1	4	
Tennessee:											
27 establishments...	1911	34	60.5		1	2	27			4	
	1912	34	60.3		2	3	25			4	
Texas:											
12 establishments...	1911	32	60.0				32				
	1912	32	60.0				32				
Virginia:											
11 establishments...	1911	22	63.3			2	6	1	2	11	
	1912	22	63.3			2	6	1	2	11	
Washington:											
19 establishments...	1911	39	60.0				39				
	1912	39	60.0				39				
West Virginia:											
16 establishments...	1911	31	62.2				19		3	9	
	1912	31	62.3				19		2	10	
Wisconsin:											
24 establishments...	1911	81	60.0				81				
	1912	75	60.0				75				
TRIMMER OPERATORS, MALE.											
Alabama:											
12 establishments...	1910	17	64.5				3	1	3	8	2
	1911	17	64.5				3	1	3	8	2
12 establishments...	1911	14	64.7				3		2	7	2
	1912	14	64.7				3		2	7	2
Arkansas:											
17 establishments...	1910	22	61.1				18			4	
	1911	22	61.1				18			4	
19 establishments...	1911	26	60.9				22			4	
	1912	26	60.7				23			3	
California:											
9 establishments...	1910	14	60.4				13			1	
	1911	13	60.5				12			1	
14 establishments...	1911	23	60.3				22			1	
	1912	26	60.2				25			1	
Florida:											
9 establishments...	1910	14	63.4				6			8	
	1911	14	63.4				6			8	
9 establishments...	1911	14	64.3				4			10	
	1912	13	64.2				4			9	
Georgia:											
13 establishments...	1910	13	64.3				4			8	1
	1911	13	64.3				4			8	1
15 establishments...	1911	15	64.8				4		1	8	2
	1912	15	64.1				4		1	8	2

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
TRIMMER OPERATORS, MALE—continued.											
Louisiana:											
10 establishments...	{ 1910	11	61.6	-----			8	-----		3	-----
	{ 1911	11	61.6	-----			8	-----		3	-----
21 establishments...	{ 1911	27	61.0	-----			22	-----	2	3	-----
	{ 1912	29	61.1	-----			23	-----	3	3	-----
Maine:											
8 establishments...	{ 1911	13	61.5	-----			9	-----	4	-----	-----
	{ 1912	13	61.5	-----			9	-----	4	-----	-----
Michigan:											
14 establishments...	{ 1910	38	60.0	-----			38	-----			-----
	{ 1911	38	60.0	-----			38	-----			-----
25 establishments...	{ 1911	55	60.0	-----			55	-----			-----
	{ 1912	54	60.0	-----			54	-----			-----
Minnesota:											
8 establishments...	{ 1910	112	60.0	-----			112	-----			-----
	{ 1911	107	60.0	-----			107	-----			-----
8 establishments...	{ 1911	31	60.0	-----			31	-----			-----
	{ 1912	29	60.0	-----			29	-----			-----
Mississippi:											
9 establishments...	{ 1910	17	64.6	-----			4	-----		13	-----
	{ 1911	15	64.4	-----			4	-----		11	-----
13 establishments...	{ 1911	21	64.9	-----			4	-----		17	-----
	{ 1912	18	64.7	-----			4	-----		14	-----
North Carolina:											
14 establishments...	{ 1910	16	61.6	-----	1	1	8	1	1	4	-----
	{ 1911	16	61.6	-----	1	1	8	1	1	4	-----
17 establishments...	{ 1911	19	62.9	-----			1	8	3	7	-----
	{ 1912	20	63.1	-----			1	8	3	8	-----
Oregon:											
3 establishments...	{ 1910	7	59.9	-----			1	6	-----		-----
	{ 1911	6	59.9	-----			1	5	-----		-----
4 establishments...	{ 1911	8	59.9	-----			1	7	-----		-----
	{ 1912	8	59.9	-----			1	7	-----		-----
Pennsylvania:											
13 establishments...	{ 1910	25	64.0	-----			8	-----	3	14	-----
	{ 1911	22	64.0	-----			7	-----	3	12	-----
14 establishments...	{ 1911	22	63.3	-----			9	-----	5	8	-----
	{ 1912	18	63.1	-----			8	-----	4	6	-----
South Carolina:											
5 establishments...	{ 1910	11	61.6	-----			6	2	1	2	-----
	{ 1911	11	61.6	-----			6	2	1	2	-----
7 establishments...	{ 1911	13	61.8	-----			7	2	1	3	-----
	{ 1912	11	61.5	-----			7	1	1	2	-----
Tennessee:											
24 establishments...	{ 1910	25	59.5	-----	3	2	19	-----	1	-----	
	{ 1911	25	59.5	-----	3	2	19	-----	1	-----	
27 establishments...	{ 1911	27	60.1	-----	1	2	22	-----		2	-----
	{ 1912	27	59.9	-----	2	3	20	-----		2	-----
Texas:											
10 establishments...	{ 1910	27	60.0	-----			27	-----			
	{ 1911	23	60.0	-----			23	-----			
12 establishments...	{ 1911	24	60.0	-----			24	-----			
	{ 1912	18	60.0	-----			18	-----			
Virginia:											
9 establishments...	{ 1910	12	63.2	-----			1	3	1	1	6
	{ 1911	12	63.2	-----			1	3	1	1	6
11 establishments...	{ 1911	12	63.3	-----			1	3	1	1	6
	{ 1912	12	63.3	-----			1	3	1	1	6

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
TRIMMER OPERATORS, MALE—concl'd.											
Washington:											
14 establishments...	{ 1910	26	60.0					26			
	{ 1911	24	60.0					24			
18 establishments...	{ 1911	26	60.0					26			
	{ 1912	27	60.0					27			
West Virginia:											
13 establishments...	{ 1910	15	63.1					7		2	6
	{ 1911	15	63.1					7		2	6
16 establishments...	{ 1911	18	62.9					9		2	7
	{ 1912	17	62.7					9		2	6
Wisconsin:											
22 establishments...	{ 1910	81	60.0					81			
	{ 1911	81	60.0					81			
24 establishments...	{ 1911	71	60.0					71			
	{ 1912	46	60.0					46			

## MILLWORK (SASH, DOORS, BLINDS, FRAMES, FIXTURES, AND TRIM).

### GENERAL SUMMARY.

This study of wages and hours of labor in millwork (the manufacture of sash, doors, blinds, frames, fixtures, and trim) shows rates of wages per hour and nominal full-time hours per week for the years 1907 to 1912, inclusive, and in addition it summarizes data published in previous reports<sup>1</sup> of the Bureau of Labor Statistics, and thus furnishes a comparison for the 23-year period 1890 to 1912, inclusive.

This present report and also previous reports show wages and hours of labor for each of the most important occupations in the millwork or planing-mill products industry, but do not show data for all occupations in the industry. The occupations for which data are shown in this report are bench hands, laborers, and machine hands, and these three occupations include more than five-eighths of the total employees.

Comparing 1912 with certain other years the changes in nominal full-time hours per week, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	5.0 per cent decline.
1912 compared with 1895.....	3.5 per cent decline.
1912 compared with 1900.....	2.7 per cent decline.
1912 compared with 1905.....	1.9 per cent decline.
1912 compared with 1910.....	.7 per cent decline.

The changes in nominal full-time hours per week for each of the three principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF DECREASE IN NOMINAL FULL-TIME HOURS PER WEEK: 1912 COMPARED WITH EACH OF THE 5 YEARS PRECEDING.

Occupation.	Per cent lower in 1912 than in—				
	1907	1908	1909	1910	1911
Bench hands.....	0.4	0.4	0.6	0.3	0.5
Laborers.....	.6	.1	(2)	.3	.3
Machine hands.....	.3	.6	.8	1.1	.8
Total.....	.5	.5	.5	.7	.6

<sup>1</sup> Previous reports of wages and hours of labor in the millwork (sash, doors, blinds, frames, fixtures, and trim) industry 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; and Bulletin No. 77 (July, 1908), covering 1906 and 1907.

<sup>2</sup> Increase 0.2 per cent.

Comparing 1912 with certain other years, the changes in rates of wages per hour, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	33.4 per cent advance.
1912 compared with 1895.....	34.9 per cent advance.
1912 compared with 1900.....	24.9 per cent advance.
1912 compared with 1905.....	13.4 per cent advance.
1912 compared with 1910.....	3.5 per cent advance.

The changes in rates of wages per hour for each of the three principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF INCREASE IN RATES OF WAGES PER HOUR: 1912 COMPARED WITH EACH OF THE 5 YEARS PRECEDING.

Occupation.	Per cent higher in 1912 than in—				
	1907	1908	1909	1910	1911
Bench hands.....	4.0	5.1	5.1	1.6	1.1
Laborers.....	7.7	8.0	5.4	3.8	3.4
Machine hands.....	6.7	8.1	7.2	4.8	3.0
Total.....	6.3	7.2	5.9	3.5	2.6

During the last six years nominal full-time hours of labor per week have declined more and rates of wages per hour have increased more for laborers than for either of the other two occupations for which data are shown.

The next table shows for the industry the course of nominal full-time hours per week and rates of wages per hour during the 23-year period from 1890 to 1912. The occupations combined during 1890 to 1907 were carpenters, framers, glaziers, laborers, machine wood-workers, and sawyers. Those combined during 1907 to 1912 were bench hands, laborers, and machine hands. While the nomenclature of the occupations has changed materially, yet no type of employees included during the earlier period has been dropped, with the exception of glaziers. Data for glaziers are not now secured, for the reason that a large part of the glazing is done by contract and in many instances outside the woodworking shops.

In combining the relatives for the principal occupations to determine the relative for the industry, shown in the table which follows, the relatives for each occupation were weighted according to the number of employees reported each year. This weighting causes the figures for 1890 to 1907 to differ slightly from those shown for the industry in Bulletin No. 77 (July, 1908), where the relative for the industry was a simple average of occupation relatives. Under these two methods, the difference in relative hours does not exceed 0.5 per cent in 14 of the 18 years, and the difference in relative wages does

not exceed 1 per cent in 16 of the 18 years. The base used in computing the relatives in this table is the average for the 10-year period 1890 to 1899.

RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE MILLWORK INDUSTRY, 1890 TO 1912.

[Data are included from 94 establishments, 1890-1903; 112 establishments, 1903, 1904; 113 establishments, 1904, 1905; 116 establishments, 1905, 1906; 120 establishments, 1906, 1907; 62 establishments, 1907-1910; 232 establishments, 1910, 1911; and 269 establishments, 1911, 1912.]

Year.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
<b>Average 1890-1899</b> .....	<b>100.0</b>	<b>100.0</b>
1890.....	101.3	99.2
1891.....	100.6	100.4
1892.....	100.7	100.1
1893.....	100.1	100.0
1894.....	100.3	97.0
1895.....	99.7	98.1
1896.....	99.0	99.3
1897.....	99.6	100.0
1898.....	99.4	101.7
1899.....	99.2	104.1
1900.....	98.9	105.9
1901.....	98.7	108.6
1902.....	97.7	112.5
1903.....	97.2	116.5
1904.....	97.9	115.7
1905.....	98.1	116.7
1906.....	96.9	120.6
1907.....	96.7	124.5
1908.....	96.7	123.4
1909.....	96.7	124.9
1910.....	96.9	127.8
1911.....	96.8	129.0
1912.....	96.2	132.3

The table which follows shows, for each of the principal occupations in the industry, relative nominal full-time hours per week and relative rates of wages per hour during the 23-year period, 1890 to 1912. As already indicated, certain changes have been made in nomenclature of occupations, thus, beginning with 1907, carpenters and framers are combined as bench hands, and machine woodworkers and sawyers are combined as machine hands. The base used in computing the relatives for each occupation is the average for the 10-year period, 1890 to 1899.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS OF THE MILLWORK INDUSTRY, 1890 TO 1912.

[Data are included from 94 establishments, 1890-1903; 112 establishments, 1903, 1904; 113 establishments, 1904, 1905; 116 establishments, 1905, 1906; 120 establishments, 1906, 1907; 62 establishments, 1907-1910; 232 establishments, 1910, 1911; and 269 establishments, 1911, 1912.]

Year.	Carpenters, <sup>1</sup> male.		Framers, <sup>1</sup> male.		Bench hands, <sup>2</sup> male.		Glaziers, male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
<b>Average 1890-1899 . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
1890. . . . .	101.9	98.7	100.5	100.3	—	—	100.5	95.7
1891. . . . .	101.1	100.0	100.0	101.5	—	—	100.5	99.0
1892. . . . .	101.3	99.2	100.0	103.0	—	—	100.5	100.5
1893. . . . .	100.2	100.2	99.8	102.3	—	—	100.5	104.7
1894. . . . .	100.1	96.7	100.5	98.1	—	—	99.5	102.8
1895. . . . .	99.8	98.0	99.8	97.0	—	—	99.6	97.7
1896. . . . .	98.0	100.8	100.2	95.9	—	—	99.6	96.8
1897. . . . .	99.1	101.1	100.2	97.6	—	—	99.6	100.7
1898. . . . .	99.4	102.3	100.0	100.2	—	—	99.6	99.8
1899. . . . .	99.0	102.8	98.9	104.0	—	—	100.0	102.4
1900. . . . .	98.4	106.7	99.2	105.2	—	—	98.3	106.7
1901. . . . .	98.2	108.0	98.6	108.6	—	—	98.3	105.7
1902. . . . .	97.0	113.6	97.9	111.3	—	—	98.6	103.1
1903. . . . .	96.5	119.3	97.9	114.2	—	—	99.1	107.0
1904. . . . .	96.3	122.4	98.0	113.7	—	—	98.4	111.0
1905. . . . .	96.3	123.4	98.2	116.2	—	—	98.1	113.2
1906. . . . .	96.0	126.6	97.9	117.9	—	—	95.7	121.6
1907. . . . .	95.6	131.6	97.7	119.5	<sup>3</sup> 95.9	<sup>3</sup> 130.0	96.3	129.4
1908. . . . .	—	—	—	—	95.9	128.6	(4)	(4)
1909. . . . .	—	—	—	—	96.1	128.6	—	—
1910. . . . .	—	—	—	—	95.8	133.1	—	—
1911. . . . .	—	—	—	—	96.0	133.7	—	—
1912. . . . .	—	—	—	—	95.5	135.2	—	—

<sup>1</sup> Employees reported as carpenters and framers for 1890 to 1907 are reported as bench hands for subsequent years.

<sup>2</sup> This occupation includes employees reported as carpenters and framers for 1890 to 1907.

<sup>3</sup> Average of relatives of carpenters and framers, computed by weighting the relative for each of those occupations according to the number of employees reported in 1907.

<sup>4</sup> Discontinued.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS OF THE MILLWORK INDUSTRY, 1890 TO 1912—Concluded.

Year.	Laborers, male.		Machine wood-workers, <sup>1</sup> male.		Sawyers, <sup>1</sup> male.		Machine hands, <sup>2</sup> male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average 1890-1899 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1890.....	100.1	102.4	101.2	98.4	101.6	99.5	.....	.....
1891.....	100.1	105.3	100.6	99.2	100.4	100.5	.....	.....
1892.....	100.1	101.5	100.6	99.7	100.4	100.7	.....	.....
1893.....	99.9	98.3	100.1	99.6	100.2	100.4	.....	.....
1894.....	100.0	94.1	100.4	97.4	101.2	97.5	.....	.....
1895.....	100.0	95.9	99.6	98.8	98.8	99.1	.....	.....
1896.....	99.8	96.5	99.4	99.7	99.4	98.9	.....	.....
1897.....	99.9	96.0	99.7	101.0	99.6	99.7	.....	.....
1898.....	100.0	101.5	99.2	102.0	99.3	100.6	.....	.....
1899.....	100.2	108.5	99.0	104.0	99.0	103.1	.....	.....
1900.....	99.9	102.8	98.9	106.6	99.8	104.0	.....	.....
1901.....	100.0	110.8	98.7	108.7	99.4	107.3	.....	.....
1902.....	100.0	110.8	97.3	113.0	98.2	111.4	.....	.....
1903.....	99.9	113.3	96.7	116.3	97.9	113.1	.....	.....
1904.....	100.4	110.4	96.7	115.7	97.2	115.0	.....	.....
1905.....	100.0	112.7	96.7	117.4	97.1	116.6	.....	.....
1906.....	97.9	117.7	95.6	121.2	96.2	120.1	.....	.....
1907.....	98.0	121.4	95.2	125.1	96.2	122.4	95.5	124.4
1908.....	97.5	121.0	.....	.....	.....	.....	95.8	122.8
1909.....	97.2	124.0	.....	.....	.....	.....	96.0	123.8
1910.....	97.7	125.9	.....	.....	.....	.....	96.3	126.6
1911.....	97.7	126.4	.....	.....	.....	.....	96.0	128.8
1912.....	97.4	130.7	.....	.....	.....	.....	95.2	132.7

<sup>1</sup> Employees reported as machine woodworkers and sawyers for 1890 to 1907 are reported as machine hands for subsequent years.

<sup>2</sup> This occupation includes employees reported as machine woodworkers and sawyers for 1890 to 1907.

<sup>3</sup> Average of relatives of machine woodworkers and sawyers, computed by weighting the relative for each of those occupations according to the number of employees reported in 1907.

The most significant facts concerning nominal full-time working hours per week and rates of wages per hour in each of the principal occupations of the industry are shown for 1907 to 1912 in the table which follows.

Owing to the difficulty in finding records for past years, and also owing to the great amount of work involved, data for 1907 to 1909 were secured from only a limited number of establishments.

In order, however, to permit of a true comparison of data from year to year, information was secured from identical establishments for 1907 to 1910, and when the work was enlarged in 1911 data were secured for both 1910 and 1911 from the additional establishments and then when the work was again enlarged in 1912 data were secured for both 1911 and 1912 from the additional establishments. The data are for the pay-roll period ending nearest May 15 each year, or if paid only once a month, for the May pay roll, except for a very few establishments where conditions in May were particularly abnormal.

AVERAGE AND CLASSIFIED NOMINAL FULL-TIME WORKING HOURS PER WEEK,  
AND AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH OF THE  
PRINCIPAL OCCUPATIONS OF THE MILLWORK INDUSTRY, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ploy- ees.	Aver- age nomi- nal full- time work- ing hours per week.	Per cent of employees whose nominal full-time working hours per week were—					Aver- age rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.			
				48 and under.	Over 48 and under 54.	54.	Over 54 and under 60.	60.		Under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 cents and over.
Laborers, male:													
60 establish- ments..	(1907	1,578	58.5	3.6	3.9	7.5	14.4	70.6	\$0.1555	29.2	26.4	31.4	13.1
	1908	1,300	58.2	5.2	3.5	9.4	15.8	66.1	.1550	33.7	24.1	26.3	16.0
	1909	1,451	58.0	5.5	3.3	10.1	16.1	64.9	.1589	31.4	20.4	29.4	18.8
	(1910	1,522	58.3	4.2	4.8	9.2	15.7	66.1	.1613	29.1	17.0	32.3	21.6
224 establish- ments.	(1910	4,885	57.6	4.4	6.1	12.6	21.4	55.5	.1705	16.4	20.2	32.8	30.5
	(1911	4,764	57.6	5.0	4.7	12.4	21.4	56.4	.1712	16.0	19.6	33.0	31.3
253 establish- ments.	(1911	4,456	57.6	4.5	3.8	14.4	20.8	156.5	.1722	14.1	20.2	33.5	32.1
	(1912	4,121	57.4	4.4	6.8	17.1	17.2	54.5	.1781	10.1	17.0	36.3	36.6
Bench hands, male:													
62 establish- ments.	(1907	1,076	55.6	13.3	7.2	26.3	12.7	40.5	\$0.2976	9.0	49.4	27.3	14.2
	1908	945	55.6	13.9	6.2	28.1	10.1	41.6	.2945	9.4	48.9	27.7	14.0
	1909	1,041	55.7	12.6	7.2	28.6	10.0	41.6	.2944	8.5	50.6	27.5	13.6
	(1910	1,083	55.5	11.9	10.6	25.7	10.6	41.2	.3047	7.6	44.3	33.9	14.3
226 establish- ments.	(1910	3,695	55.1	12.4	10.1	28.6	21.1	27.8	.3072	5.5	44.0	39.0	11.5
	(1911	3,553	55.2	13.8	8.6	28.0	20.7	28.9	.3085	5.3	42.1	41.1	11.4
267 establish- ments.	(1911	4,131	55.1	13.6	10.7	29.4	18.3	27.9	.3096	5.8	40.1	42.9	11.3
	(1912	4,148	54.8	14.8	16.2	23.5	17.2	28.3	.3131	6.7	38.0	43.6	11.5
Machine hands, male:													
62 establish- ments.	(1907	1,508	56.9	11.6	2.5	19.7	11.4	54.8	.2527	27.1	50.4	14.8	7.7
	1908	1,372	57.1	10.8	2.4	19.9	9.9	57.0	.2494	30.0	48.4	13.9	7.7
	1909	1,488	57.2	10.3	2.5	18.5	10.5	58.3	.2514	27.9	49.8	14.8	7.4
	(1910	1,580	57.3	9.7	2.5	18.6	9.7	59.6	.253	25.3	49.3	17.7	7.9
232 establish- ments.	(1910	5,438	57.0	6.4	6.8	18.3	18.6	49.9	.2551	27.5	44.5	22.1	5.9
	(1911	5,363	56.8	9.5	6.2	15.8	19.1	49.4	.2596	24.7	44.8	23.7	6.8
268 establish- ments.	(1911	5,615	56.7	9.6	6.2	16.6	19.3	48.2	.2625	24.9	43.3	24.8	7.0
	(1912	5,054	56.2	11.6	9.7	16.4	19.0	43.1	.2704	20.8	42.8	28.5	8.0

<sup>1</sup> Including 0.1 per cent working over 60 hours.<sup>2</sup> Including 0.9 per cent working over 60 hours.<sup>3</sup> Including 0.2 per cent working over 60 hours.

The above table shows for each of the three principal occupations in the industry a reduction of nominal working time per week during the six years. The tendency toward reduction of hours of work per week was fairly constant from year to year and in the few cases where a year shows an increase over the preceding year, the increase was not over 0.3 of an hour. During the six years the proportion of employees whose full working time was less than 54 hours per week increased, the proportion whose working time was 54 hours and the proportion whose time was over 54 and under 60 hours both increased, while the proportion whose working time was 60 hours materially decreased.

Concerning rates of wages per hour, the table shows for each of the three principal occupations in the industry a reduction in the average rate in 1908 as compared with 1907. After 1908 each year shows an increase over the previous year in average rate of wage for each of the occupations with the single exception of bench hands in 1909. During the six years there was a decline in the proportion of bench hands earning under 20 cents per hour, the proportion earning 20 and under 30 cents, and the proportion earning 40 cents and over, while there was an increase in the proportion earning 30 and under 40 cents per hour. Among the laborers there was a decided decline in the proportion earning under 14 cents per hour and a slightly less pronounced decline in the proportion earning 14 and under 16 cents, while there was a slight increase in the proportion earning 16 and under 18 cents, and a decided increase in the proportion earning 18 cents and over. Among the machine hands there was a rather pronounced decline in the proportion earning under 20 cents per hour, a less pronounced decline in the proportion earning 20 and under 30 cents, a decided increase in the proportion earning 30 and under 40 cents, and a very slight increase in the proportion earning 40 cents and over.

#### EXPLANATION OF SCOPE AND METHOD.

The industry covered in this report is generally known in trade parlance either as "millwork" or as "planing mills." The work done is the manufacture, from wood, of sash, doors, blinds, frames, fixtures, and building trim. During the earlier years of the 23-year period covered by this report a few establishments engaged solely in planing lumber were included in this industry, but during the later years of the period the Bureau has excluded such establishments, as planing is in most cases done immediately following, and in connection with, the sawing of lumber and is therefore quite properly considered a part of the lumber industry.

The number of establishments for which data concerning rates of wages per hour and nominal full time hours of work per week were secured has varied considerably during the 23-year period, as follows:

1890 to 1903.....	94 identical establishments.
1903 and 1904.....	112 identical establ shments.
1904 and 1905.....	113 identical establishments.
1905 and 1906.....	116 identical establishments.
1906 and 1907.....	120 identical establishments.
1907 to 1910.....	62 identical establishments.
1910 and 1911.....	232 identical establishments.
1911 and 1912.....	269 identical establishments.

The data for 1907 to 1911 were secured in 1911 and the number of establishments included for the period 1907 to 1910 was small owing to the difficulty in finding establishments which had preserved complete records for those years.

In order that data from year to year may be entirely comparable it is necessary that information be secured from identical establishments, therefore when in 1912 the number of establishments was increased to 269 the Bureau secured data for 1911 also from all establishments added, thus providing for an exact comparison of the two years 1911 and 1912.

In selecting establishments from which to secure data the Bureau undertook to represent all States in which the millwork industry is of material importance, the measure of importance being the number of employees as reported by the United States Census of manufactures, 1905. In selecting establishments in 1912 every State having 2,500 or more employees in the industry is represented. The table which follows shows by States the number of employees in this industry as reported by the United States Census for 1910 and 1905; the total number on the pay roll in the establishments from which the Bureau secured data in 1912; and the number in the selected occupations and for whom data were secured in 1912. Data were secured from the pay roll ending nearest May 15, or, if paid only once a month, from the May pay roll, except for a very few establishments where conditions in May were particularly abnormal.

The census figures for 1910 were not available at the time the work for 1911 and 1912 was planned, and therefore the establishments selected, as already stated, were distributed by States according to the census of 1905. The relative importance of the various States, as measured by the number of employees in this industry, did not change materially, except that of Ohio, which was fourth in 1905 and seventh in 1910.

TOTAL NUMBER OF EMPLOYEES IN THE MILLWORK INDUSTRY AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FROM WHICH DATA WERE SECURED IN 1912.

State.*	Number of employees reported by United States Census Office. <sup>1</sup>		Establishments furnishing information to the Bureau of Labor Statistics in 1912.		
	1910	1905	Number of establishments.	Number of employees.	
				On pay roll.	For whom data were secured.
New York.....	15,126	14,456	41	2,887	1,880
Pennsylvania.....	9,267	9,050	68	2,603	1,726
Illinois.....	8,710	6,994	31	2,346	1,453
Ohio.....	5,846	5,805	33	1,417	1,003
Michigan.....	6,793	5,225	16	927	654
California.....	6,341	4,753	17	1,818	1,145
Wisconsin.....	6,673	4,727	15	4,429	2,657
Georgia.....	3,410	3,603	11	1,149	780
Massachusetts.....	3,296	2,970	15	735	532
Minnesota.....	3,154	2,858	9	951	598
Iowa.....	3,440	2,582	13	1,710	895
Other States <sup>2</sup> .....	40,336	34,651	.....	.....	.....
Total.....	112,392	97,674	269	20,972	13,323

<sup>1</sup> The designation used by the United States Census is "Lumber, Planing Mill Products," Including Sash, Doors, and Blinds.

<sup>2</sup> Includes States having less than 3,000 each in 1910 and less than 2,500 each in 1905.

According to both the census of 1905 and the census of 1910 more than 60 per cent of the total number of employees in the industry are found in the 11 States in which the establishments furnishing information to the Bureau of Labor Statistics are located.

The number of employees in the establishments from which the Bureau secured 1912 data was equal to 18.7 per cent of the total in the industry in 1910, and the number for which the Bureau secured detailed information in 1912 was equal to 11.9 per cent of the total in the industry in 1910.

All information included in this report was secured from pay rolls of the various establishments by agents of the Bureau of Labor Statistics.

#### GENERAL DESCRIPTION OF THE PRINCIPAL OCCUPATIONS.

This industry as used in this report includes establishments engaged in the manufacture of sash, doors, blinds, window frames, door frames, moldings, stair material, newels, mantels, store fixtures, and all kinds of builders' trim or finish.

A large number of the establishments are comparatively small and confine their operations wholly to custom work. Many of them are operated in connection with a retail lumber business. Some are run by contractors who carry on large building operations, and manufacture trim, mostly for their own use. Some custom mills in the larger cities are quite extensive and employ a large number of workmen.

A few establishments manufacture for the general market. Such establishments, as a rule, employ a larger number of workmen than the custom mills or factories, have their work more systematized, and pay somewhat lower wages. The latter fact may be accounted for by the greater division of labor whereby an employee, while being expert in the operation of a particular machine or in performing certain work, is not a skilled workman generally, and so can not command as high wages as an all-round skilled mechanic.

There is hardly such a thing as a typical factory in this industry in the sense that there is a typical sawmill or cotton factory. The work may be done on the second floor of a small building, the power being rented with the room; or the factory may consist of one or more large buildings with so much machinery that a considerable force of machinists will be regularly employed to keep the machines in order. Neither is there any regular or established ratio between the number of employees in different occupations. One establishment may have an approximately equal number of bench men, machine woodworkers, and laborers; another will have three or four times as many bench men as machine men; and in another the proportion will be reversed, depending on the particular class of

work the factory turns out. The arrangement of the factory and machines will depend upon the class of work done, the space at the disposal of the management, and the latter's ideas as to convenience and economy. The differences that are found are between establishments rather than between different sections of the country or different localities.

The work in these factories resolves itself into three general classes, bench work, common labor, and machine work, and the occupational terms used in this report are bench hands, laborers, and machine hands. A brief description of the terms used follows:

#### BENCH HANDS.

The men engaged in this occupation are known also as benchmen, bench carpenters, shop carpenters, inside carpenters, and cabinet-makers. Most of the work is done at a bench, as distinguished from building or outside carpentering work. These employees make doors, sash, blinds, window frames, cabinets, etc., fitting and putting together the parts that have previously been prepared by machine hands. They also shape and form such articles as can not be made by machines. In some shops work is done by hand that in other establishments is done by machinery. In some establishments men are employed who are able to work interchangeably at the bench and at the machines. As with machine hands, carpenters or bench hands differ greatly in ability, some being able to do all kinds of difficult work, while others can do only the simpler kinds of work or, perhaps, only one or, at most, a few kinds. As a rule, the more skilled mechanics who can do all kinds of work are found in the smaller establishments.

#### LABORERS.

Those engaged in this occupation do a great many kinds of miscellaneous work about the factory, handling lumber, material, and finished product, and assisting other workmen, particularly machine hands. They bring material to the machines and take it away after it is worked, assemble parts that are to be put together, pack goods in storehouse or load on wagons or in cars for shipment, and do any other common or unskilled work about the factory or yard. The number of laborers as compared with the other employees is usually larger in establishments employing a large number of machine hands.

#### MACHINE HANDS.

By the use of various machines, employees in this occupation plane the lumber, saw it into lengths, widths, and shapes, mortise and tenon the parts of doors, sash, blinds, etc., make moldings, turn

spindles, posts, and balusters, sandpaper, or smooth material or finished product, etc. A first-class machine hand is able to operate any of the machines usually found in a factory, and is supposed also to be able to keep his machines in order. In the smaller establishments, and in the shops doing a high grade of work, the machine hands often, if not generally, actually use different machines, as the character of their work may require, one man doing all the machine work on a given piece of work. In larger establishments, when there is a greater division of labor, a man will be employed continually on one machine and may know nothing about the operation of any other. It has been found impracticable to separate these two classes of machine hands.

#### EXPLANATION OF TABLES.

This report includes six general tables covering the 6-year period 1907 to 1912. Three of the general tables present data as to rates of wages per hour and three present data as to nominal hours of work per week, as follows:

Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.

Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.

Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.

Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912.

Table V.—Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912.

Table VI.—Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912.

TABLE I.—*Classified rates of wages per hour in the United States, by years, 1907 to 1912* (p. 99).—This table summarizes the data concerning rates of wages secured from the whole number of establishments furnishing information. For each of the three principal occupations—bench hands, laborers, and machine hands—data are shown for each of the six years, 1907 to 1912.

The table is divided into two sections, the first section showing the number and the second section the per cent of employees earning each classified rate of wages per hour. In addition to showing classified rates of wages, the table shows number of establishments from which data were secured, number of employees, average nominal hours per week, and average rate of wages per hour.

The rate of wages per hour was computed for each employee in the case of time workers by dividing the daily or weekly rate by the number of hours per day or week, and in the case of pieceworkers

and those working both as time workers and pieceworkers by dividing the amount earned during the pay-roll period by the hours actually worked.

As previously stated, comparisons from year to year can be made only between identical establishments, and data in this table are presented for identical establishments in such a way as to make possible comparisons from year to year.

The relative nominal hours per week and the relative rates of wages per hour for 1907 to 1912, shown on pages 89 and 90, are computed from the averages shown in this table. The method of computing the relatives can best be explained by using an illustration; thus for laborers the average nominal hours per week in 60 establishments was 58.5 in 1907 and 58.2 in the same 60 establishments in 1908. The average in 1908 (58.2) was 99.49 per cent of the average (58.5) in 1907. Bulletin 77 (July, 1908) shows that for nominal hours per week for laborers the relative was 98 in 1907 (average for 1890-1899=100). The average nominal hours for 1908 were then reduced to a comparison with the base period (average for 1890-1899=100) by computing 99.49 per cent of 98, which is 97.5. The same method was followed in computing the relative rates of wages per hour; the average in 1908 (\$0.1550) was 99.68 per cent of the average in 1907 (\$0.1555); the relative (average for 1890-1899=100) for 1907 as shown in Bulletin 77 was 121.4; and 99.68 per cent of 121.4 is 121, or the relative rate of wages per hour in 1908 if the average for 1890-1899 is the base, or 100.

In computing the relatives for 1911 comparison was made of the data from 224 identical establishments, and in computing the relatives for 1912 comparison was made of the data from 253 identical establishments.

TABLE II.—*Classified rates of wages per hour in each year, by States, 1907 to 1912 (pp. 100 to 104).*—This table affords an easy comparison of rates of wages per hour in the several States. It shows for each of the three principal occupations—bench hands, laborers, and machine hands—the number of employees earning each classified rate of wages per hour. Under each year, 1907 to 1912, the data are shown for each of the States represented by two or more establishments throughout the whole period. In addition to classified rates of wages, average rates of wages per hour and average nominal hours per week are shown.

TABLE III.—*Classified rates of wages per hour in each State, by years, 1907 to 1912 (pp. 105 to 110).*—This table affords an easy comparison of rates of wages per hour in the several years, 1907 to 1912. It shows for each of the three principal occupations—bench hands, laborers, and machine hands—the number of employees earning each classified

rate of wages per hour. For each of the more important States in this industry the data are shown for each of the six years, 1907 to 1912. In addition to classified rates of wages, average rates of wages per hour and average nominal hours per week are shown.

TABLE IV.—*Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912* (p. 111).—This table summarizes the data concerning nominal hours of work per week secured from the whole number of establishments furnishing information. For each of the three principal occupations—bench hands, laborers, and machine hands—data are shown for each of the six years, 1907 to 1912. By nominal hours per week is meant full time, not excluding time shut down owing to temporary depression or other cause temporary in nature.

The table is divided into two sections, the first section showing the number and the second the per cent of employees under each classified number of nominal working hours per week. In addition to showing classified nominal hours, the table shows number of establishments from which data were secured, number of employees, and average nominal hours per week.

In using this table, comparisons from year to year should be made of identical establishments. The data are so arranged that such comparisons are easily made.

TABLE V.—*Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912* (pp. 112 to 116).—This table affords an easy comparison of nominal full-time hours of work per week in the several States. It shows for each of the three principal occupations—bench hands, laborers, and machine hands—the number of employees under each classified number of nominal full-time working hours per week. Under each year, 1907 to 1912, the data are shown for each of the States represented by two or more establishments throughout the whole period. In addition to classified nominal full-time hours, average nominal full-time hours per week are shown.

TABLE VI.—*Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912* (pp. 117 to 122).—This table affords an easy comparison of nominal full-time hours of work per week in the several years, 1907 to 1912. It shows for each of the three principal occupations—bench hands, laborers, and machine hands—the number of employees under each classified number of nominal full-time working hours per week. For each of the more important States in this industry the data are shown for each of the six years, 1907 to 1912. In addition to classified nominal full-time hours, average nominal full-time hours of work per week are shown.

The general tables follow.

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## NUMBER.

Occupation, sex, and number of establishments.	Year.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.											
				9 and under	10 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under	60 and over.
				cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
Bench hands, male:															
62 establishments.	(1907 1,076	55.6	\$0.2976												
	1908 945	55.6	.2945												
	(1909 1,041	55.7	.2944												
	1910 1,083	55.5	.3047												
226 establishments.	(1910 3,695	55.1	.3072												
	1911 3,553	55.2	.3085												
267 establishments.	(1911 4,131	55.1	.3096												
	1912 4,148	54.8	.3131												
Laborers, male:															
60 establishments.	(1907 1,578	58.5	.1555												
	1908 1,300	58.2	.1550												
	(1909 1,451	58.0	.1589												
	1910 1,522	58.3	.1613												
224 establishments.	(1910 4,885	57.6	.1705												
	1911 4,764	57.6	.1712												
253 establishments.	(1911 4,456	57.6	.1722												
	1912 4,121	57.4	.1781	3	115	302	700	1,494	510	663	257	69	8		
Machine hands, male:															
62 establishments.	(1907 1,508	56.9	.2527												
	1908 1,372	57.1	.2494												
	(1909 1,488	57.2	.2514												
	1910 1,580	57.3	.2570												
232 establishments.	(1910 5,438	57.0	.2551												
	1911 5,363	56.8	.2596												
268 establishments.	(1911 5,615	56.7	.2625												
	1912 5,054	56.2	.2704												

## PER CENT.

Bench hands, male:															
62 establishments.	(1907 1,076	55.6	\$0.2976												
	1908 945	55.6	.2945												
	(1909 1,041	55.7	.2944												
	1910 1,083	55.5	.3047												
226 establishments.	(1910 3,695	55.1	.3072												
	1911 3,553	55.2	.3085												
267 establishments.	(1911 4,131	55.1	.3096												
	1912 4,148	54.8	.3131					0.1 (1)	6	1.6	2.2	17.1	20.9	43.6	7.3 4.2 (%)
Laborers, male:															
60 establishments.	(1907 1,578	58.5	.1555												
	1908 1,300	58.2	.1550												
	(1909 1,451	58.0	.1589												
	1910 1,522	58.3	.1613												
224 establishments.	(1910 4,885	57.6	.1705												
	1911 4,764	57.6	.1712												
253 establishments.	(1911 4,456	57.6	.1722												
	1912 4,121	57.4	.1781	(1)	2.8	7.3	17.0								
Machine hands, male:															
62 establishments.	(1907 1,508	56.9	.2527												
	1908 1,372	57.1	.2494												
	(1909 1,488	57.2	.2514												
	1910 1,580	57.3	.2570												
232 establishments.	(1910 5,438	57.0	.2551												
	1911 5,363	56.8	.2596												
268 establishments.	(1911 5,615	56.7	.2625												
	1912 5,054	56.2	.2704												

1 Less than one-tenth of 1 per cent.

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912.

## BENCH HANDS: Male.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.																
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 20 cts.	18 and under 25 cts.	20 and under 30 cts.	25 and under 40 cts.	30 and under 50 cts.	40 and under 60 cts.	50 and under 60 cts.	60 cts. and over.					
					1907.	1908.	1909.	1910.	1911.	1912.	1907.	1908.	1909.	1910.	1911.	1912.	1907.	1908.	1909.		
California	3	41	48.0	\$0.5274													1	11	26	3	
Georgia	3	116	60.0	.2392													50	13			
Illinois	5	99	56.1	.3170													5	20	67	7	
Iowa	7	151	58.0	.2322													56	16			
Massachusetts	3	43	51.2	.3343													16	10	15		
Michigan	4	82	52.8	.3232													6	9	59	5	
Minnesota	2	45	59.6	.2371													25	16	2		
New York	11	200	51.7	.3657													11	85	22	82	
Ohio	6	72	56.6	.2794													20	15	35		
Pennsylvania	7	93	55.1	.2915													3	21	14	48	
Wisconsin	6	71	59.8	.2120													8	27	20		
Other States	5	63	56.6	.2773													7	35	21		
Total	62	1,076	55.6	.2976													14	64	196	336	
																		294	42	108	
1908.																					
California	3	41	48.0	.4931													1	2	17	21	
Georgia	3	102	60.0	.2302													40	36	8		
Illinois	5	92	56.0	.3185													8	14	60	10	
Iowa	7	123	58.0	.2418													32	44	22		
Massachusetts	3	40	51.2	.3305													2	2	12	11	
Michigan	4	80	53.2	.2994													4	8	11	57	
Minnesota	2	39	59.7	.2353													2	2	17	14	
New York	11	178	51.8	.3585													11	79	19	4	
Ohio	6	60	56.4	.2781													1	18	15	26	
Pennsylvania	7	70	55.5	.2917													1	3	17	10	
Wisconsin	6	71	59.8	.2091													19	10	24	17	
Other States	5	49	57.2	.2745													8	24	17		
Total	62	945	55.6	.2945													10	54	25	185	
																		277	262	46	
																			86		
1909.																					
California	3	42	48.0	.4926															3	18	21
Georgia	3	100	60.0	.2338													6	12	35	37	
Illinois	5	109	55.9	.3385													5	19	71	14	
Iowa	7	151	57.9	.2454													14	3	53	58	
Massachusetts	3	41	51.1	.3387													2	2	2	9	
Michigan	4	88	53.1	.2968													2	3	8	21	
Minnesota	2	40	59.8	.2281													1	5	2	15	
New York	11	174	51.9	.3564													6	84	19	8	
Ohio	6	69	56.5	.2708													23	20	26		
Pennsylvania	7	96	55.3	.2886													1	3	23	14	
Wisconsin	6	81	59.8	.2118													14	18	31	17	
Other States	5	50	57.2	.2762													11	20	19		
Total	62	1,041	55.7	.2944													7	50	31	212	
																		314	286	63	
																			78		
1910.																					
California	15	270	48.9	.4646													2	10	94	38	
Georgia	11	189	58.9	.2532													45	88	36	2	
Illinois	29	604	54.1	.3565													7	61	470	65	
Iowa	12	225	58.2	.2543													12	7	69	81	
Massachusetts	15	183	52.0	.3382													2	4	28	28	
Michigan	16	206	54.4	.3056													5	2	30	49	
Minnesota	7	190	59.8	.2496													10	5	66	36	
New York	35	715	53.9	.3067													1	1	203	190	
Ohio	33	373	55.4	.2780													7	2	75	136	
Pennsylvania	35	421	54.9	.2879													4	15	13	83	
																	118	173	15		

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## BENCH HANDS: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.												
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
<b>1910.</b>																	
Wisconsin.....	13	271	60.0	\$0.2172					3	53	38	104	59	14			
Other States.....	5	48	57.5	.2932								6	17	22	3		
Total.....	226	3,695	55.1	.3072					15	118	72	718	908	1,440	233	162	
<b>1911.</b>																	
California.....	16	244	49.2	.4657								4	8	83	34	93	22
Georgia.....	11	190	58.9	.2578					7	13		38	78	52	2		
Illinois.....	31	615	54.6	.3620								9	64	456	85	1	
Iowa.....	13	260	57.5	.2713						4	5	68	87	94	2		
Massachusetts.....	15	204	52.1	.3379						1	10	27	27	78	61		
Michigan.....	16	194	54.6	.3119							4	2	26	42	105	15	
Minnesota.....	9	198	60.0	.2568							6	2	68	79	43		
New York.....	41	736	55.3	.3154								167	175	285	55	52	2
Ohio.....	32	332	55.3	.2851					1	3	2	57	114	152	3		
Pennsylvania.....	68	824	54.6	.2951						6	35	18	146	175	404	40	
Wisconsin.....	15	334	59.9	.2183					1	83	35	120	75	20			
Total.....	267	4,131	55.1	.3096					15	149	74	730	924	1,772	297	146	
<b>1912.</b>																	
California.....	16	300	51.4	.4275								5	11	133	73	77	1
Georgia.....	11	178	58.3	.2516				3	1	1	8	40	87	38			
Illinois.....	31	636	53.8	.3683								13	64	495	63	1	
Iowa.....	13	248	57.9	.2650						5	14	70	76	82	1		
Massachusetts.....	15	181	51.7	.3225						4	4	30	35	70	35	3	
Michigan.....	16	204	54.7	.3117					1	7	5	18	43	115	15		
Minnesota.....	9	174	59.2	.3157						3	1	63	69	36	2		
New York.....	41	756	52.7	.3304							3	142	145	315	56	94	1
Ohio.....	32	340	55.2	.2920							1	46	122	165	6		
Pennsylvania.....	68	701	54.0	.2980					1	7	20	18	134	132	337	52	
Wisconsin.....	15	430	60.0	.2113						17	112	46	149	83	22	1	
Total.....	267	4,148	54.8	.3131			3	2	26	153	92	710	867	1,808	304	175	

## LABORERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.												
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
<b>1907.</b>																	
California.....	3	37	48.0	\$0.2914					106	95	10				17	20	
Georgia.....	3	211	60.0	.1158						8	39	3	14				
Illinois.....	5	64	57.3	.1744					30	37	98	22	1				
Iowa.....	7	286	59.5	.1504								6	6	4	1		
Massachusetts.....	2	17	50.1	.1900													
Michigan.....	4	233	57.0	.1676				3	75	101	14	38	2				
Minnesota.....	2	100	59.7	.1753						3	91	2	4				
New York.....	11	80	55.9	.1813						19	27	10	24				
Ohio.....	6	37	59.0	.1630					1	19	11	2	4				
Pennsylvania.....	6	59	58.0	.1667						3	12	31	8	5			
Wisconsin.....	6	194	60.0	.1536				22	34	80	77		3				
Other States.....	5	260	59.2	.1383					130	92	14			2			
Total.....	60	1,578	58.5	.1555				158	303	416	495	67	99	20	20		
<b>1908.</b>																	
California.....	3	50	48.0	.2900										25	25		
Georgia.....	3	211	60.0	.1137					121	85	5						
Illinois.....	5	51	57.1	.1736							6	34	11				
Iowa.....	7	170	59.0	.1572					5	26	49	58	30	2			
Massachusetts.....	2	18	50.7	.1950								7	11				

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male—Continued.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under	10 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under	60 cts. and over.
					cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
<b>1908.</b>																
Michigan.....	4	215	57.6	\$0.1642	.....	11	75	89	14	23	3	.....	.....	.....	.....	.....
Minnesota.....	2	48	59.4	.1668	.....	.....	10	27	8	3	.....	.....	.....	.....	.....	.....
New York.....	11	71	55.5	.1812	.....	.....	19	21	7	24	.....	.....	.....	.....	.....	.....
Ohio.....	6	37	59.0	.1609	.....	6	14	12	1	4	.....	.....	.....	.....	.....	.....
Pennsylvania.....	6	56	58.0	.1677	.....	3	11	30	9	3	.....	.....	.....	.....	.....	.....
Wisconsin.....	6	134	60.0	.1507	.....	45	83	53	.....	3	.....	.....	.....	.....	.....	.....
Other States.....	5	180	58.9	.1338	.....	47	89	41	11	1	.....	.....	.....	.....	.....	.....
Total.....	60	1,300	58.2	.1550	.....	173	265	313	342	70	84	28	25	.....	.....	.....
<b>1909.</b>																
California.....	3	62	48.0	.3105	.....	.....	.....	.....	.....	.....	.....	23	39	.....	.....	.....
Georgia.....	3	220	60.0	.1136	.....	126	86	8	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	5	66	56.9	.1827	.....	.....	3	34	4	25	.....	.....	.....	.....	.....	.....
Iowa.....	7	209	58.8	.1640	.....	13	56	104	34	2	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	16	51.0	.1943	.....	.....	7	.....	9	.....	.....	.....	.....	.....	.....	.....
Michigan.....	4	232	57.8	.1622	.....	20	83	75	38	13	3	.....	.....	.....	.....	.....
Minnesota.....	2	51	59.2	.1652	.....	.....	14	27	5	5	.....	.....	.....	.....	.....	.....
New York.....	11	78	54.9	.1870	.....	.....	13	24	10	28	3	.....	.....	.....	.....	.....
Ohio.....	6	41	59.0	.1603	.....	7	13	17	.....	4	.....	.....	.....	.....	.....	.....
Pennsylvania.....	6	70	58.4	.1658	.....	5	15	36	11	3	.....	.....	.....	.....	.....	.....
Wisconsin.....	6	180	60.0	.1581	.....	23	53	91	8	5	.....	.....	.....	.....	.....	.....
Other States.....	5	226	59.0	.1309	.....	37	139	38	12	.....	.....	.....	.....	.....	.....	.....
Total.....	60	1,451	58.0	.1589	.....	163	293	296	427	110	94	29	39	.....	.....	.....
<b>1910.</b>																
California.....	16	480	54.7	.2315	.....	.....	52	8	227	132	61	.....	.....	.....	.....	.....
Georgia.....	11	494	59.0	.1167	.....	250	193	51	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	27	394	56.9	.1831	.....	6	12	188	72	112	4	.....	.....	.....	.....	.....
Iowa.....	12	276	59.1	.1713	.....	1	47	172	35	21	.....	.....	.....	.....	.....	.....
Massachusetts.....	12	213	52.1	.1954	.....	.....	21	53	13	113	13	.....	.....	.....	.....	.....
Michigan.....	16	341	57.3	.1897	.....	24	63	163	55	35	1	.....	.....	.....	.....	.....
Minnesota.....	7	179	59.7	.1768	.....	1	2	18	92	27	39	.....	.....	.....	.....	.....
New York.....	35	544	55.4	.1818	.....	6	8	169	162	38	89	69	3	.....	.....	.....
Ohio.....	38	340	56.3	.1730	.....	17	59	139	81	37	7	.....	.....	.....	.....	.....
Pennsylvania.....	32	233	56.9	.1729	.....	11	59	83	53	22	5	.....	.....	.....	.....	.....
Wisconsin.....	13	1,168	60.0	.1586	.....	4	123	441	481	93	26	.....	.....	.....	.....	.....
Other States.....	5	223	59.2	.1353	.....	20	135	48	19	1	.....	.....	.....	.....	.....	.....
Total.....	224	4,885	57.6	.1705	.....	281	520	938	1,604	476	721	231	64	.....	.....	.....
<b>1911.</b>																
California.....	17	370	53.7	.2423	.....	.....	38	8	125	136	63	.....	.....	.....	.....	.....
Georgia.....	11	486	59.1	.1196	.....	195	234	57	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	29	405	56.9	.1851	.....	1	11	177	87	124	5	.....	.....	.....	.....	.....
Iowa.....	13	289	58.8	.1745	.....	.....	49	162	34	40	4	.....	.....	.....	.....	.....
Massachusetts.....	13	135	51.0	.1874	.....	1	22	46	5	50	11	.....	.....	.....	.....	.....
Michigan.....	15	313	57.7	.1706	.....	23	56	146	50	38	.....	.....	.....	.....	.....	.....
Minnesota.....	9	165	60.0	.1822	.....	1	16	73	17	54	4	.....	.....	.....	.....	.....
New York.....	40	443	56.0	.1837	.....	1	10	94	132	41	135	27	3	.....	.....	.....
Ohio.....	33	274	56.6	.1769	.....	12	41	103	76	34	8	.....	.....	.....	.....	.....
Pennsylvania.....	58	377	56.0	.1734	.....	1	21	89	136	79	44	6	1	.....	.....	.....
Wisconsin.....	15	1,199	60.0	.1586	.....	4	126	463	480	95	31	.....	.....	.....	.....	.....
Total.....	253	4,456	57.6	.1722	.....	201	429	898	1,403	492	675	201	67	.....	.....	.....

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
					1912.											
California	17	434	53.7	\$0.2509					19	16	142	182	67	8		
Georgia	11	354	58.7	.1235	3	114	197	33	7							
Illinois	29	342	55.4	.1862					3	141	100	92	6			
Iowa	13	284	58.5	.1797					39	137	48	60				
Massachusetts	13	119	52.5	.1944				1	15	35	17	36	14	1		
Michigan	15	198	57.3	.1716				9	33	92	28	36				
Minnesota	9	169	59.6	.1833				1	21	66	12	65	4			
New York	40	415	56.2	.1879				8	88	116	48	106	48	1		
Ohio	33	262	56.0	.1745				9	46	102	68	37				
Pennsylvania	58	339	56.0	.1745		1	12	76	124	77	46	3				
Wisconsin	15	205	60.0	.1625				65	346	655	96	43				
Total	253	4,121	57.4	.1781	3	115	302	700	1,494	510	663	257	69	8		

## MACHINE HANDS: Male.

Year.					Number of employees earning each classified rate of wages per hour.												
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
					1907.												
California	3	102	48.0	\$0.3845								11	21	23	20	19	8
Georgia	3	80	60.0	.2239					9			33	33	5			
Illinois	5	93	57.3	.2940								22	22	44	3	1	
Iowa	7	296	59.1	.2075					23	86	28	87	60	12			
Massachusetts	3	30	49.6	.3510								1	3	22	4		
Michigan	4	141	57.8	.2103					24	59	12	10	9	26	1		
Minnesota	2	97	59.6	.2214					1	4		72	18	2			
New York	11	198	52.6	.3218								20	120	7		51	
Ohio	6	79	56.6	.2830								1	19	21	38		
Pennsylvania	7	97	56.7	.2793					6	5	28	25	23	10			
Wisconsin	6	218	59.9	.1843					5	52	68	18	57	16	2		
Other States	5	77	56.9	.2522					1	1	3	2	22	29	19		
Total	62	1,508	56.9	.2527					6	101	235	66	382	378	223	38	71
1908.																	
California	3	87	48.0	.4070								8	12	21	17	20	9
Georgia	3	78	60.0	.2277								36	28	4			
Illinois	5	85	56.7	.2944								9	8	21	44	2	1
Iowa	7	234	59.1	.2111					9	64	19	80	53	9			
Massachusetts	3	31	49.9	.3472								7	14	10			
Michigan	4	136	58.0	.1996						21	57	17	12	11	18		
Minnesota	2	94	59.7	.2184						7	6	14	44	18	5		
New York	11	165	53.0	.3154								12	110	3	6	34	
Ohio	6	71	56.6	.2788								3	16	19	33		
Pennsylvania	7	95	57.3	.2608								8	9	33	21	18	6
Wisconsin	6	217	59.9	.1828					4	58	69	18	50	16	2		
Other States	5	79	57.2	.2509					2	3	4	1	21	28	20		
Total	62	1,372	57.1	.2494					6	98	218	90	320	344	191	41	55
1909.																	
California	3	88	48.0	.4102								5	11	25	16	22	9
Georgia	3	81	60.0	.2296								35	31	4			
Illinois	5	92	56.8	.3090								20	19	49	3	1	
Iowa	7	288	59.1	.2138						13	55	40	110	59	11		
Massachusetts	3	35	49.7	.3525								2	5	14	14		

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Concluded.

## MACHINE HANDS: Male—Concluded.

Year and State,	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
<b>1909.</b>																
Michigan.....	4	142	57.8	\$0.2116					17	43	26	19	14	23		
Minnesota.....	2	90	59.6	.2218					4	8	8	43	22	5		
New York.....	11	165	53.1	.3175								10	110	5	6	34
Ohio.....	6	76	56.8	.2768							2	19	23	32		
Pennsylvania.....	7	97	57.6	.2613						9	8	30	24	20	6	
Wisconsin.....	6	240	59.9	.1866				3	43	81	30	62	17	4		
Other States.....	5	94	57.4	.2500				6	4	3	2	22	29	28		
Total.....	62	1,488	57.2	.2514				9	81	210	116	377	364	220	45	57
<b>1910.</b>																
California.....	16	351	52.2	.3770					2		28	63	131	50	49	28
Georgia.....	11	264	58.8	.2200		1	3	35	32	7	90	69	27			
Illinois.....	29	517	55.2	.3283					12	6	60	69	327	42	1	
Iowa.....	12	391	58.9	.2225				6	57	56	145	92	35			
Massachusetts.....	15	283	52.4	.2995					8	3	21	43	59	103	45	1
Michigan.....	16	298	57.8	.2357				16	59	31	72	57	59	4		
Minnesota.....	7	256	59.8	.2263		4	6	12	21	15	103	77	18			
New York.....	35	730	54.9	.2914				2	9	12	193	253	183	40	37	1
Ohio.....	38	482	55.8	.2728				1	11	7	97	197	164	5		
Pennsylvania.....	35	391	55.9	.2668				3	23	23	98	124	108	11	1	
Wisconsin.....	13	1,386	60.0	.1846			11	143	608	218	313	77	15	1		
Other States.....	5	89	57.5	.2528			8	4	2	1	17	22	34	1		
Total.....	232	5,438	57.0	.2551		5	28	230	839	397	1,259	1,159	1,204	199	89	29
<b>1911.</b>																
California.....	17	392	51.2	.3898					4		28	66	141	45	74	34
Georgia.....	11	281	58.8	.2219		1	5	37	32	2	95	75	34			
Illinois.....	31	515	55.7	.3331					9	4	58	77	289	77	1	
Iowa.....	13	409	58.8	.2234				16	49	43	149	107	45			
Massachusetts.....	15	237	52.1	.3210				1	2	7	28	51	99	48	1	
Michigan.....	16	315	57.7	.2448				19	56	30	63	61	74	12		
Minnesota.....	9	267	60.0	.2281		5	6	18	15	16	94	86	27			
New York.....	41	732	54.6	.2944				2	13	14	179	200	253	41	30	
Ohio.....	33	424	55.6	.2822					10	3	71	162	171	6	1	
Pennsylvania.....	67	685	55.0	.2712				5	20	40	29	157	167	243	23	1
Wisconsin.....	15	1,358	60.0	.1906				12	127	578	165	360	97	18	1	
Total.....	268	5,615	56.7	.2625		6	28	240	808	313	1,282	1,149	1,394	253	108	34
<b>1912.</b>																
California.....	17	411	51.8	.3967					5		20	37	189	56	69	35
Georgia.....	11	248	58.1	.2183		3	13	29	31	4	68	74	26			
Illinois.....	31	475	54.7	.3430							51	75	269	80		
Iowa.....	13	363	58.7	.2359				5	42	34	125	108	49			
Massachusetts.....	15	232	51.8	.3090					2	10	48	44	87	41		
Michigan.....	16	252	57.3	.2522				1	16	38	28	43	47	66	13	
Minnesota.....	9	235	59.6	.2527					9	16	12	93	87	38		
New York.....	41	709	54.4	.3023					6	8	175	187	252	38	42	1
Ohio.....	33	401	55.5	.2820					4	9	76	138	168	6		
Pennsylvania.....	67	686	54.6	.2760				7	13	43	24	145	155	275	23	1
Wisconsin.....	15	1,022	60.0	.1805					127	372	139	272	93	19		
Total.....	268	5,054	56.2	.2704		3	21	199	559	268	1,116	1,045	1,438	257	112	36

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE,  
BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.												
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.	
BENCH HANDS, MALE.																	
California:																	
3 establishments.	1907	41	48.0	\$0.5274										1	11	26	3
	1908	41	48.0	.4931										2	17	21	
	1909	42	48.0	.4926										3	18	21	
	1910	36	48.0	.4896										1	18	17	
15 establishments.	1910	270	48.9	.4646								2	10	94	38	99	27
	1911	214	49.4	.4548								4	8	83	31	66	22
16 establishments.	1911	244	49.2	.4657								4	8	83	34	93	22
	1912	300	51.4	.4275								5	11	133	73	77	1
Georgia:																	
3 establishments.	1907	116	60.0	.2392				7	9			37	50	13			
	1908	102	60.0	.2302				8	10			40	36	8			
	1909	100	60.0	.2338				6	12			35	37	10			
	1910	94	60.0	.2431				4	11			24	41	13	1		
11 establishments.	1910	189	58.9	.2532				5	13			45	88	36	2		
	1911	190	58.9	.2578				7	13			38	78	52	2		
11 establishments.	1911	190	58.9	.2578				7	13			38	78	52	2		
	1912	178	58.3	.2516		3	1	1	8			40	87	38			
Illinois:																	
5 establishments.	1907	99	56.1	.3170								5	20	67	7		
	1908	92	56.0	.3185								8	14	60	10		
	1909	109	55.9	.3385								5	19	71	14		
	1910	125	55.1	.3413								2	18	93	12		
29 establishments.	1910	604	54.1	.3565								7	61	470	65	1	
	1911	532	54.2	.3669								7	44	395	85	1	
31 establishments.	1911	615	54.6	.3620								9	64	456	85	1	
	1912	636	53.8	.3683								13	64	495	63	1	
Iowa:																	
7 establishments.	1907	151	58.0	.2322				5	32	5	37	56	16				
	1908	123	58.0	.2418					18	7	32	44	22				
	1909	151	57.9	.2454					14	3	53	58	23				
	1910	147	58.4	.2503					8	6	54	46	33				
12 establishments.	1910	225	58.2	.2543					12	7	69	81	56				
	1911	230	58.0	.2632					4	5	68	80	72	1			
13 establishments.	1911	260	57.5	.2713					4	5	68	87	94	2			
	1912	248	57.9	.2650					5	14	70	76	82	1			
Massachusetts:																	
3 establishments.	1907	43	51.2	.3343						2			16	10	15		
	1908	40	51.2	.3305						2			2	12	11	13	
	1909	41	51.1	.3387						2			9	10	16		
	1910	39	51.2	.3363						2	3	5	5	9	15		
15 establishments.	1910	183	52.0	.3382						2	4	28	28	68	53		
	1911	197	52.1	.3420						1	10	25	23	78	60		
15 establishments.	1911	204	52.1	.3379						1	10	27	27	78	61		
	1912	181	51.7	.3225						4	4	30	35	70	35	3	
Michigan:																	
4 establishments.	1907	82	52.8	.3232						3		6	9	59	5		
	1908	80	53.2	.2994						4		8	11	57			
	1909	88	53.1	.2968						2	3	8	21	50	4		
	1910	105	52.6	.3364						2	2	3	18	68	12		
16 establishments.	1910	206	54.4	.3056						5	2	30	49	106	14		
	1911	196	54.7	.3126						4	2	25	43	107	15		
16 establishments.	1911	194	54.6	.3119						4	2	26	42	105	15		
	1912	204	54.7	.3117		1	7	5	18		4	11	115	15			

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
BENCH HANDS, MALE—concluded.																
Minnesota:																
2 establishments.	1907	45	59.6	\$0.2371				1	1	25	16	2				
	1908	39	59.7	.2353				1	2	2	17	14	3			
	1909	40	59.8	.2281				1	5	2	15	15	2			
	1910	59	59.6	.2438				1	6	1	15	28	8			
7 establishments.	1910	190	59.8	.2496			2	10	5	66	71	36				
	1911	170	59.9	.2560				6	2	66	66	36				
9 establishments.	1911	198	60.0	.2569					6	2	68	79	43			
	1912	174	59.2	.3157					3	1	63	69	36	2		
New York:																
11 establishments.	1907	200	51.7	.3657							11	85	22		82	
	1908	178	51.8	.3585							11	79	19	4	65	
	1909	174	51.9	.3564							6	84	19	8	57	
	1910	172	51.6	.3690							7	75	16	10	62	2
35 establishments.	1910	715	53.9	.3067				1	1	203	190	215	41	62	2	
	1911	668	53.4	.3144						161	158	251	44	52	2	
41 establishments.	1911	736	53.3	.3154						167	175	285	55	52	2	
	1912	756	52.7	.3304					3	142	145	315	56	94	1	
Ohio:								1								
6 establishments.	1907	72	56.6	.2794						1	20	15	35			
	1908	60	56.4	.2781						1	18	15	26			
	1909	69	56.5	.2708							23	20	26			
	1910	76	56.6	.2797							22	19	35			
33 establishments.	1910	373	55.4	.2780				1	7	2	75	136	150	2		
	1911	380	55.4	.2806				1	6	2	70	138	160	3		
32 establishments.	1911	332	55.3	.2851				1	3	2	57	114	152	3		
	1912	340	55.2	.2920					1	46	122	165	6			
Pennsylvania:																
7 establishments.	1907	93	55.1	.2915					3	3	21	14	48	4		
	1908	70	55.5	.2917					1	3	17	10	37	2		
	1909	96	55.3	.2886					1	3	23	14	52	3		
	1910	100	54.3	.3065					2	5	18	6	66	3		
35 establishments.	1910	421	54.9	.2879				4	15	13	83	118	173	15		
	1911	416	55.1	.2939				3	14	9	68	125	180	17		
63 establishments.	1911	824	54.6	.2951				6	35	18	146	175	404	40		
	1912	701	54.0	.2980			1	7	20	18	134	132	337	52		
Wisconsin:																
6 establishments.	1907	71	59.8	.2120				1	15	8	27	20				
	1908	71	59.8	.2091				1	19	10	24	17				
	1909	81	59.8	.2118					14	18	31	17	1			
	1910	82	59.8	.2166					11	18	32	18	3			
13 establishments.	1910	271	60.0	.2172				3	53	38	104	59	14			
	1911	306	60.0	.2189				1	67	35	119	67	17			
15 establishments.	1911	334	59.9	.2183				1	83	35	120	75	20			
	1912	430	60.0	.2113				17	112	46	149	83	22	1		
LABORERS, MALE.																
California:																
3 establishments.	1907	37	48.0	.2914								17	20			
	1908	50	48.0	.2900								25	25			
	1909	62	48.0	.3105								23	39			
	1910	45	48.0	.3063								2	14	29		
16 establishments.	1910	480	54.7	.2315					52	8	227	132	61			
	1911	488	55.2	.2272					72	10	217	138	51			
17 establishments.	1911	370	53.7	.2423					38	8	125	136	63			
	1912	434	53.7	.2509					19	16	142	182	67	8		

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.																											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.																
LABORERS, MALE—continued.																																
Georgia:																																
3 establishments.	1907	211	60.0	\$0.1158	106	95	10	—	—	—	—	—	—	—	—	—																
	1908	211	60.0	.1137	121	85	5	—	—	—	—	—	—	—	—	—																
	1909	220	60.0	.1136	126	86	8	—	—	—	—	—	—	—	—	—																
	1910	236	60.0	.1152	109	113	14	—	—	—	—	—	—	—	—	—																
11 establishments.	1910	494	59.0	.1167	250	198	51	—	—	—	—	—	—	—	—	—																
	1911	486	59.1	.1196	195	234	57	—	—	—	—	—	—	—	—	—																
11 establishments.	1911	486	59.1	.1196	195	234	57	—	—	—	—	—	—	—	—	—																
	1912	354	58.7	.1235	3	114	197	33	—	—	—	—	—	—	—	—																
Illinois:																																
Illinois:																																
5 establishments.	1907	64	57.3	.1744	—	—	—	8	39	3	14	—	—	—	—	—																
	1908	51	57.1	.1736	—	—	—	6	34	—	11	—	—	—	—	—																
	1909	66	56.9	.1827	—	—	—	3	34	4	25	—	—	—	—	—																
	1910	66	56.1	.1825	—	—	—	1	40	8	17	—	—	—	—	—																
27 establishments.	1910	394	56.9	.1831	—	6	12	188	72	112	4	—	—	—	—	—																
	1911	401	56.9	.1847	—	1	11	182	81	122	4	—	—	—	—	—																
29 establishments.	1911	405	56.9	.1851	—	1	11	177	87	124	5	—	—	—	—	—																
	1912	342	55.4	.1862	—	3	141	100	92	6	—	—	—	—	—	—																
Iowa:																																
7 establishments.	1907	286	59.5	.1504	30	37	98	98	22	1	—	—	—	—	—	—																
	1908	170	59.0	.1572	5	26	49	58	30	2	—	—	—	—	—	—																
	1909	209	58.8	.1640	—	13	56	104	34	2	—	—	—	—	—	—																
	1910	232	59.1	.1700	—	1	44	146	31	10	—	—	—	—	—	—																
12 establishments.	1910	276	59.1	.1713	—	1	47	172	35	21	—	—	—	—	—	—																
	1911	271	59.1	.1718	—	49	161	34	27	—	—	—	—	—	—	—																
13 establishments.	1911	239	58.8	.1745	—	49	162	34	40	4	—	—	—	—	—	—																
	1912	234	58.5	.1797	—	39	137	48	60	—	—	—	—	—	—	—																
Massachusetts:																																
2 establishments.	1907	17	50.1	.1900	—	—	—	6	6	4	1	—	—	—	—	—																
	1908	18	50.7	.1950	—	—	—	7	—	11	—	—	—	—	—	—																
	1909	16	51.0	.1943	—	—	—	7	—	9	—	—	—	—	—	—																
	1910	23	51.9	.1961	—	—	—	10	1	12	—	—	—	—	—	—																
12 establishments.	1910	213	52.1	.1954	—	21	53	13	113	13	—	—	—	—	—	—																
	1911	206	52.5	.1943	—	1	21	60	11	99	14	—	—	—	—	—																
13 establishments.	1911	135	51.0	.1874	—	1	22	46	5	50	11	—	—	—	—	—																
	1912	119	52.5	.1944	—	1	15	35	17	36	14	1	—	—	—	—																
Michigan:																																
4 establishments.	1907	233	57.0	.1676	—	3	75	101	14	38	2	—	—	—	—	—																
	1908	215	57.6	.1642	—	11	75	89	14	23	3	—	—	—	—	—																
	1909	232	57.8	.1622	—	20	83	75	38	13	3	—	—	—	—	—																
	1910	225	57.5	.1696	—	22	53	82	36	31	1	—	—	—	—	—																
16 establishments.	1910	341	57.3	.1697	—	24	63	163	55	35	1	—	—	—	—	—																
	1911	322	57.8	.1707	—	23	55	157	52	35	—	—	—	—	—	—																
15 establishments.	1911	313	57.7	.1706	—	23	56	146	50	38	—	—	—	—	—	—																
	1912	198	57.3	.1716	—	9	33	92	28	36	—	—	—	—	—	—																
Minnesota:																																
2 establishments.	1907	100	59.7	.1753	—	3	91	2	4	—	—	—	—	—	—	—																
	1908	48	59.4	.1668	—	10	27	8	3	—	—	—	—	—	—	—																
	1909	51	59.2	.1652	—	14	27	5	5	—	—	—	—	—	—	—																
	1910	62	59.4	.1762	—	1	6	32	3	20	—	—	—	—	—	—																
7 establishments.	1910	179	59.7	.1763	—	1	2	18	92	27	39	—	—	—	—	—																
	1911	147	58.9	.1782	—	1	16	73	17	40	—	—	—	—	—	—																
9 establishments.	1911	165	60.0	.1822	—	1	16	73	17	54	4	—	—	—	—	—																
	1912	169	59.6	.1833	—	1	21	66	12	65	4	—	—	—	—	—																

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
LABORERS, MALE—concluded.																
New York:																
11 establishments.	1907	80	55.9	\$0.1813	19	27	10	24	—	—	—	—	—	—	—	—
	1908	71	55.5	.1812	19	21	7	24	—	—	—	—	—	—	—	—
	1909	78	54.9	.1870	13	24	10	28	3	—	—	—	—	—	—	—
	1910	95	55.0	.1907	12	33	13	27	10	—	—	—	—	—	—	—
35 establishments.	1910	544	55.4	.1818	6	8	169	162	38	89	69	3	—	—	—	—
	1911	527	55.6	.1823	2	10	164	154	31	102	61	3	—	—	—	—
40 establishments.	1911	443	56.0	.1837	1	10	94	132	41	135	27	3	—	—	—	—
	1912	415	56.2	.1879	—	8	88	116	48	106	48	1	—	—	—	—
Ohio:																
6 establishments.	1907	37	59.0	.1630	—	1	19	11	2	4	—	—	—	—	—	—
	1908	37	59.0	.1609	—	6	14	12	1	4	—	—	—	—	—	—
	1909	41	59.0	.1603	—	7	13	17	—	4	—	—	—	—	—	—
	1910	39	59.2	.1651	—	6	9	15	3	6	—	—	—	—	—	—
38 establishments.	1910	340	56.3	.1730	—	17	59	139	81	37	7	—	—	—	—	—
	1911	342	56.3	.1748	—	13	52	146	82	41	8	—	—	—	—	—
33 establishments.	1911	274	56.6	.1769	—	12	41	103	76	34	8	—	—	—	—	—
	1912	262	56.0	.1745	—	9	46	102	68	37	—	—	—	—	—	—
Pennsylvania:																
6 establishments.	1907	59	58.0	.1667	—	3	12	31	8	5	—	—	—	—	—	—
	1908	56	58.0	.1677	—	3	11	30	9	3	—	—	—	—	—	—
	1909	70	58.4	.1658	—	5	15	36	11	3	—	—	—	—	—	—
	1910	82	58.5	.1663	—	7	21	35	14	5	—	—	—	—	—	—
32 establishments.	1910	233	56.9	.1729	—	11	59	83	53	22	5	—	—	—	—	—
	1911	253	57.1	.1736	—	14	62	90	54	26	6	1	—	—	—	—
est Establishments.	1911	377	56.0	.1734	—	1	21	89	136	79	44	6	1	—	—	—
	1912	339	56.0	.1745	—	1	12	76	124	77	46	3	—	—	—	—
Wisconsin:																
6 establishments.	1907	194	60.0	.1536	—	34	80	77	—	3	—	—	—	—	—	—
	1908	184	60.0	.1507	—	45	83	53	—	3	—	—	—	—	—	—
	1909	180	60.0	.1581	—	23	53	91	8	5	—	—	—	—	—	—
	1910	194	60.0	.1617	—	28	51	79	26	10	—	—	—	—	—	—
13 establishments.	1910	1,168	60.0	.1586	4	123	441	481	93	26	—	—	—	—	—	—
	1911	1,099	60.0	.1594	4	109	397	463	95	31	—	—	—	—	—	—
15 establishments.	1911	1,199	60.0	.1586	4	126	463	480	95	31	—	—	—	—	—	—
	1912	1,205	60.0	.1625	—	65	346	655	96	43	—	—	—	—	—	—
MACHINE HANDS, MALE.																
California:																
3 establishments.	1907	102	48.0	.3845	—	—	—	—	—	—	11	21	23	20	19	8
	1908	87	48.0	.4070	—	—	—	—	—	—	8	12	21	17	20	9
	1909	88	48.0	.4102	—	—	—	—	—	—	5	11	25	16	22	9
	1910	86	48.0	.4154	—	—	—	—	—	—	2	10	29	14	23	8
16 establishments.	1910	351	52.2	.3770	—	—	—	2	—	—	28	63	131	50	49	28
	1911	388	52.0	.3766	—	—	—	4	—	—	30	75	145	42	64	28
17 establishments.	1911	392	51.2	.3898	—	—	—	4	—	—	28	66	141	45	74	34
	1912	411	51.8	.3967	—	—	—	5	—	—	20	37	189	56	69	35
Georgia:																
3 establishments.	1907	80	60.0	.2339	—	—	—	9	—	—	33	33	5	—	—	—
	1908	78	60.0	.2277	—	—	—	10	—	—	36	28	4	—	—	—
	1909	81	60.0	.2296	—	—	—	11	—	—	35	31	4	—	—	—
	1910	86	60.0	.2331	—	—	—	10	2	31	37	6	—	—	—	—
11 establishments.	1910	264	58.8	.2200	1	3	35	32	7	90	69	27	—	—	—	—
	1911	276	58.9	.2243	1	2	35	30	2	95	77	34	—	—	—	—
11 establishments.	1911	281	58.8	.2219	1	5	37	32	2	95	75	34	—	—	—	—
	1912	248	58.1	.2183	3	13	29	31	4	68	74	26	—	—	—	—

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under	10 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under	60 cts. and over.
					10 cts.	12 cts.	14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	40 cts.	50 cts.	60 cts.	
MACHINE HANDS, MALE—continued.																
Illinois:																
5 establishments.	1907	93	57.3	\$0.2940							22	23	44	3	1	
	1908	85	56.7	.2944							9	8	21	44	2	1
	1909	92	56.8	.3090							20	19	49	3	1	
	1910	132	56.5	.3119							24	26	71	10	1	
29 establishments.	1910	517	55.2	.3283						12	6	60	69	327	42	1
	1911	487	55.2	.3355						9	4	55	69	270	79	1
31 establishments.	1911	515	55.7	.3331						9	4	58	77	289	77	1
	1912	475	54.7	.3430								51	75	269	80	
Iowa:																
7 establishments.	1907	296	59.1	.2075						23	86	28	87	60	12	
	1908	234	59.1	.2111						9	64	19	80	53	9	
	1909	288	59.1	.2138						13	55	40	110	59	11	
	1910	318	59.1	.2172						4	51	51	123	71	18	
12 establishments.	1910	391	58.9	.2225						6	57	56	145	92	35	
	1911	396	58.9	.2250						16	49	43	149	102	37	
13 establishments.	1911	409	58.8	.2284						16	49	43	149	107	45	
	1912	363	58.7	.2359						5	42	34	125	108	49	
Massachusetts:																
3 establishments.	1907	30	49.6	.3510								1	3	22	4	
	1908	31	49.9	.3472									7	14	10	
	1909	35	49.7	.3525								2	5	14	14	
15 establishments.	1910	283	52.4	.2995						8	3	21	43	59	103	45
	1911	290	52.4	.3007						8	3	22	45	59	103	49
15 establishments.	1911	237	52.1	.3210						1	2	7	28	51	99	48
	1912	232	51.8	.3090							2	10	48	44	87	41
Michigan:																
4 establishments.	1907	141	57.8	.2103						24	59	12	10	9	26	1
	1908	136	58.0	.1996						21	57	17	12	11	18	
	1909	142	57.8	.2116						17	43	26	19	14	23	
	1910	140	58.0	.2193						16	42	26	22	7	23	4
16 establishments.	1910	298	57.8	.2357						16	59	31	72	57	59	4
	1911	321	57.5	.2432						19	58	30	70	60	72	12
16 establishments.	1911	315	57.7	.2448						19	56	30	63	61	74	12
	1912	252	57.3	.2522						1	16	38	28	43	47	66
Minnesota:																
2 establishments.	1907	97	59.6	.2214						1	4	6	72	18	2	
	1908	94	59.7	.2184						7	6	14	44	18	5	
	1909	90	59.6	.2218						4	8	8	43	22	5	
	1910	87	59.6	.2326						3	7	5	38	25	9	
7 establishments.	1910	256	59.8	.2263			4	6	12	21	15	103	77	18		
	1911	248	59.3	.2261			5	5	18	14	16	90	79	21		
9 establishments.	1911	267	60.0	.2281			5	6	18	15	16	94	86	27		
	1912	255	59.6	.2527						9	16	12	93	87	38	
New York:																
11 establishments.	1907	198	52.6	.3218								20	120	7	51	
	1908	165	53.0	.3154								12	110	3	6	34
	1909	165	53.1	.3175								10	110	5	6	34
	1910	171	53.3	.3265								1	14	104	9	4
35 establishments.	1910	730	54.9	.2914						2	9	12	193	253	183	40
	1911	683	54.4	.2933						2	9	12	174	180	242	34
41 establishments.	1911	732	54.6	.2944						2	13	14	179	200	253	41
	1912	709	54.4	.3023						6	8	175	187	252	38	42

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					9 and under 10 cts.	10 and under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 cts. and over.
MACHINE HANDS, MALE—concl'd.																
Ohio:																
6 establishments.	1907	79	56.6	\$0.2830						1	19	21	38			
	1908	71	56.6	.2788						3	16	19	33			
	1909	76	56.8	.2768						2	19	23	32			
	1910	82	57.1	.2826						2	14	30	36			
38 establishments.	1910	482	55.8	.2728				1	11	7	97	197	164	5		
	1911	488	55.5	.2791			1		9	3	91	189	188	6	1	
33 establishments.	1911	424	55.6	.2822					10	3	71	162	171	6	1	
	1912	401	55.5	.2820					4	9	76	138	168	6		
Pennsylvania:																
7 establishments.	1907	97	56.7	.2793					6	5	28	25	23	10		
	1908	95	57.3	.2608					8	9	33	21	18	6		
	1909	97	57.6	.2613					9	8	30	24	20	6		
	1910	110	57.9	.2564					12	8	35	27	22	6		
35 establishments.	1910	391	55.9	.2668			3	23	23	98	124	108	11	1		
	1911	385	55.9	.2726			3	15	15	98	128	110	15	1		
67 establishments.	1911	685	55.0	.2712			5	20	10	29	157	167	243	23	1	
	1912	686	54.6	.2760			7	13	43	24	145	155	275	23	1	
Wisconsin:																
6 establishments.	1907	218	59.9	.1843			5	52	68	18	57	16	2			
	1908	217	59.9	.1828			4	58	69	18	50	16	2			
	1909	240	59.9	.1866			3	43	81	30	62	17	4			
	1910	243	60.0	.1916			42	72	29	75	19	6				
13 establishments.	1910	1,386	60.0	.1846			11	143	608	218	313	77	15	1		
	1911	1,297	60.0	.1870			12	119	551	157	351	89	17	1		
15 establishments.	1911	1,358	60.0	.1906			12	127	578	165	360	97	18	1		
	1912	1,022	60.0	.1805			127	372	139	272	93	19				

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
Bench hands, male:												
62 establishments	1907	1,076	55.6	82	61	78	-----	283	21	115	436	-----
	1908	945	55.6	72	60	59	-----	266	-----	95	393	-----
	1909	1,041	55.7	69	62	75	-----	298	-----	104	433	-----
	1910	1,083	55.5	75	54	104	11	278	16	99	446	-----
226 establishments	1910	3,695	55.1	164	294	289	86	1,056	339	441	1,026	-----
	1911	3,553	55.2	127	363	192	113	996	292	443	1,027	-----
267 establishments	1911	4,131	55.1	123	438	332	113	1,215	285	471	1,115	39
	1912	4,148	54.8	153	459	254	419	975	333	382	1,173	-----
Laborers, male:												
60 establishments	1907	1,578	58.5	3	53	48	14	118	-----	228	1,114	-----
	1908	1,360	58.2	3	65	32	13	122	-----	206	859	-----
	1909	1,451	58.0	5	76	31	18	147	-----	233	941	-----
	1910	1,522	58.3	7	57	38	35	140	-----	239	1,006	-----
224 establishments	1910	4,885	57.6	10	206	236	64	615	376	667	2,711	-----
	1911	4,764	57.6	10	230	166	59	593	388	632	2,686	-----
253 establishments	1911	4,456	57.6	4	197	80	88	642	371	557	2,514	3
	1912	4,121	57.4	5	176	93	186	704	323	388	2,246	-----
Machine hands, male:												
62 establishments	1907	1,508	56.9	51	124	38	-----	297	15	157	826	-----
	1908	1,372	57.1	40	108	33	-----	273	-----	136	782	-----
	1909	1,488	57.2	40	113	37	-----	275	-----	156	867	-----
	1910	1,580	57.3	42	110	33	7	294	-----	153	941	-----
232 establishments	1910	5,438	57.0	52	296	289	79	993	392	621	2,716	-----
	1911	5,363	56.8	39	472	229	100	850	384	639	2,650	-----
268 establishments	1911	5,615	56.7	39	502	249	99	934	459	626	2,693	14
	1912	5,054	56.2	57	531	193	298	831	462	502	2,180	-----

## PER CENT.

Bench hands, male:												
62 establishments	1907	1,076	55.6	7.6	5.7	7.2	-----	26.3	2.0	10.7	40.5	-----
	1908	945	55.6	7.6	6.3	6.2	-----	28.1	-----	10.1	41.6	-----
	1909	1,041	55.7	6.6	6.0	7.2	-----	28.6	-----	10.0	41.6	-----
	1910	1,083	55.5	6.9	5.0	9.6	1.0	25.7	1.5	9.1	41.2	-----
226 establishments	1910	3,695	55.1	4.4	8.0	7.8	2.3	28.6	9.2	11.9	27.8	-----
	1911	3,553	55.2	3.6	10.2	5.4	3.2	28.0	8.2	12.5	28.9	-----
267 establishments	1911	4,131	55.1	3.0	10.6	8.0	2.7	29.4	6.9	11.4	27.0	0.9
	1912	4,148	54.8	3.7	11.1	6.1	10.1	23.5	8.0	9.2	28.3	-----
Laborers, male:												
60 establishments	1907	1,578	58.5	.2	3.4	3.0	.9	7.5	-----	14.4	70.6	-----
	1908	1,300	58.2	.2	5.0	2.5	1.0	9.4	-----	15.8	66.1	-----
	1909	1,451	58.0	.3	5.2	2.1	1.2	10.1	-----	16.1	64.9	-----
	1910	1,522	58.3	.5	3.7	2.5	2.3	9.2	-----	15.7	66.1	-----
224 establishments	1910	4,885	57.6	.2	4.2	4.8	1.3	12.6	7.7	13.7	55.5	-----
	1911	4,764	57.6	.2	4.8	3.5	1.2	12.4	8.1	13.3	56.4	-----
253 establishments	1911	4,456	57.6	.1	4.4	1.8	2.0	14.4	8.3	12.5	56.4	.1
	1912	4,121	57.4	.1	4.3	2.3	4.5	17.1	7.8	9.4	54.5	-----
Machine hands, male:												
62 establishments	1907	1,508	56.9	3.4	8.2	2.5	-----	19.7	1.0	10.4	54.8	-----
	1908	1,372	57.1	2.9	7.9	2.4	-----	19.9	-----	9.9	57.0	-----
	1909	1,488	57.2	2.7	7.6	2.5	-----	18.5	-----	10.5	58.3	-----
	1910	1,580	57.3	2.7	7.0	2.1	.4	18.6	-----	9.7	59.6	-----
232 establishments	1910	5,438	57.0	1.0	5.4	5.3	1.5	18.3	7.2	11.4	49.9	-----
	1911	5,363	56.8	.7	8.8	4.3	1.9	15.8	7.2	11.9	49.4	-----
268 establishments	1911	5,615	56.7	.7	8.9	4.4	1.8	16.6	8.2	11.1	48.0	.2
	1912	5,054	56.2	1.1	10.5	3.8	5.9	16.4	9.1	9.9	43.1	-----

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912.

## BENCH HANDS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1907.</b>											
California.....	3	41	48.0	.....	41	.....	.....	.....	.....	.....	.....
Georgia.....	3	116	60.0	.....	.....	.....	.....	.....	.....	23	116
Illinois.....	5	99	56.1	.....	.....	.....	60	.....	.....	16	16
Iowa.....	7	151	58.0	.....	.....	.....	47	.....	.....	88	.....
Massachusetts.....	3	43	51.2	.....	20	.....	.....	23	.....	.....	.....
Michigan.....	4	82	52.8	.....	.....	47	.....	20	.....	.....	15
Minnesota.....	2	45	59.6	.....	.....	.....	.....	.....	.....	18	27
New York.....	11	200	51.7	82	.....	.....	.....	55	.....	10	53
Ohio.....	6	72	56.6	.....	.....	.....	.....	20	21	22	9
Pennsylvania.....	7	93	55.1	.....	.....	31	.....	22	.....	13	27
Wisconsin.....	6	71	59.8	.....	.....	.....	.....	.....	.....	13	58
Other States.....	5	63	56.6	.....	.....	.....	.....	36	.....	.....	27
Total.....	62	1,076	55.6	82	61	78	.....	283	21	115	436
<b>1908.</b>											
California.....	3	41	48.0	.....	41	.....	.....	.....	.....	.....	.....
Georgia.....	3	102	60.0	.....	.....	.....	.....	.....	.....	18	102
Illinois.....	5	92	56.0	.....	.....	.....	58	.....	.....	16	16
Iowa.....	7	123	58.0	.....	.....	.....	38	.....	.....	17	68
Massachusetts.....	3	40	51.2	.....	19	.....	.....	21	.....	.....	.....
Michigan.....	4	80	53.2	.....	.....	41	.....	22	.....	.....	17
Minnesota.....	2	39	59.7	.....	.....	.....	.....	50	.....	13	26
New York.....	11	178	51.8	72	.....	.....	.....	.....	9	47	.....
Ohio.....	6	60	56.4	.....	.....	.....	18	.....	33	.....	19
Pennsylvania.....	7	70	55.5	.....	.....	.....	.....	21	.....	7	24
Wisconsin.....	6	71	59.8	.....	.....	.....	.....	.....	.....	12	59
Other States.....	5	49	57.2	.....	.....	.....	.....	23	.....	.....	26
Total.....	62	945	55.6	72	60	59	.....	266	.....	95	393
<b>1909.</b>											
California.....	3	42	48.0	.....	42	.....	.....	.....	.....	.....	.....
Georgia.....	3	100	60.0	.....	.....	.....	.....	71	.....	18	100
Illinois.....	5	109	55.9	.....	.....	.....	.....	48	.....	20	20
Iowa.....	7	151	57.9	.....	.....	.....	.....	.....	24	79	.....
Massachusetts.....	3	41	51.1	.....	20	.....	.....	21	.....	.....	.....
Michigan.....	4	88	53.1	.....	.....	46	.....	24	.....	.....	18
Minnesota.....	2	40	59.8	.....	.....	.....	.....	.....	9	31	.....
New York.....	11	174	51.9	69	.....	.....	.....	49	.....	8	48
Ohio.....	6	69	56.5	.....	.....	.....	29	.....	36	.....	23
Pennsylvania.....	7	96	55.3	.....	.....	.....	.....	26	.....	8	33
Wisconsin.....	6	81	59.8	.....	.....	.....	.....	.....	14	.....	67
Other States.....	5	50	57.2	.....	.....	.....	.....	23	.....	.....	27
Total.....	62	1,041	55.7	69	62	75	.....	298	.....	104	433
<b>1910.</b>											
California.....	15	270	48.9	58	106	65	.....	24	.....	.....	17
Georgia.....	11	189	58.9	.....	29	22	14	475	41	.....	148
Illinois.....	29	604	54.1	.....	.....	.....	.....	.....	26	38	.....
Iowa.....	12	225	58.2	.....	.....	15	34	.....	77	99	.....
Massachusetts.....	15	183	52.0	.....	51	20	26	57	21	8	.....
Michigan.....	16	206	54.4	.....	.....	71	.....	29	49	9	48
Minnesota.....	7	190	59.8	.....	.....	.....	.....	.....	.....	48	142
New York.....	35	715	53.9	106	108	67	.....	58	26	203	147

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## BENCH HANDS: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1910.</b>											
Ohio.....	33	373	55.4	.....	.....	25	170	86	45	47	.....
Pennsylvania.....	35	421	54.9	.....	44	6	189	116	12	54	.....
Wisconsin.....	13	271	60.0	.....	.....	.....	.....	.....	13	258	.....
Other States.....	5	48	57.5	.....	.....	20	.....	.....	.....	28	.....
<b>Total.....</b>	<b>226</b>	<b>3,695</b>	<b>55.1</b>	<b>164</b>	<b>294</b>	<b>289</b>	<b>86</b>	<b>1,056</b>	<b>339</b>	<b>441</b>	<b>1,026</b>
<b>1911.</b>											
California.....	16	244	49.2	32	111	59	.....	33	.....	9	.....
Georgia.....	11	190	58.9	.....	.....	.....	.....	40	.....	150	.....
Illinois.....	31	615	54.6	.....	25	16	14	454	.....	35	71
Iowa.....	13	260	57.5	.....	.....	17	72	.....	73	98	.....
Massachusetts.....	15	204	52.1	.....	56	25	24	63	25	11	.....
Michigan.....	16	194	54.6	.....	.....	60	.....	29	49	10	46
Minnesota.....	9	198	60.0	.....	.....	.....	.....	.....	29	169	.....
New York.....	41	736	55.3	91	222	36	.....	27	19	188	153
Ohio.....	32	332	55.3	.....	2	.....	23	198	25	46	38
Pennsylvania.....	68	824	54.6	.....	22	136	35	339	127	53	73
Wisconsin.....	15	334	59.9	.....	.....	.....	.....	.....	26	308	.....
<b>Total.....</b>	<b>267</b>	<b>4,131</b>	<b>55.1</b>	<b>123</b>	<b>438</b>	<b>332</b>	<b>113</b>	<b>1,215</b>	<b>285</b>	<b>471</b>	<b>1,115</b>
<b>1912.</b>											
California.....	16	300	51.4	.....	144	12	.....	121	.....	23	.....
Georgia.....	11	178	58.3	.....	.....	.....	.....	23	33	122	.....
Illinois.....	31	636	53.8	9	11	27	338	140	.....	28	83
Iowa.....	13	248	57.9	.....	.....	.....	.....	75	.....	71	102
Massachusetts.....	15	181	51.7	.....	35	58	.....	56	32	.....	.....
Michigan.....	16	204	54.7	.....	.....	62	.....	27	54	8	53
Minnesota.....	9	174	59.2	.....	.....	.....	.....	.....	34	140	.....
New York.....	41	756	52.7	144	171	41	.....	69	29	180	122
Ohio.....	32	340	55.2	.....	8	.....	31	201	20	40	40
Pennsylvania.....	68	701	54.0	.....	90	54	50	263	131	42	71
Wisconsin.....	15	430	60.0	.....	.....	.....	.....	.....	13	417	.....
<b>Total.....</b>	<b>267</b>	<b>4,148</b>	<b>54.8</b>	<b>153</b>	<b>459</b>	<b>254</b>	<b>419</b>	<b>975</b>	<b>333</b>	<b>382</b>	<b>1,173</b>

## LABORERS: Male.

Year.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
California.....	3	37	48.0	.....	37	.....	.....	.....	.....	.....	.....
Georgia.....	3	211	60.0	.....	.....	.....	.....	26	.....	18	211
Illinois.....	5	64	57.3	.....	.....	.....	.....	20	.....	20	.....
Iowa.....	7	286	59.5	.....	.....	.....	.....	20	.....	30	236
Massachusetts.....	2	17	50.1	.....	11	.....	.....	6	.....	112	75
Michigan.....	4	233	57.0	.....	.....	40	.....	6	.....	34	66
Minnesota.....	2	100	59.7	.....	.....	.....	.....	.....	13	27	.....
New York.....	11	80	55.9	3	5	.....	14	18	.....	13	27
Ohio.....	6	37	59.0	.....	.....	.....	.....	4	.....	14	19
Pennsylvania.....	6	59	58.0	.....	.....	8	.....	6	.....	4	41
Wisconsin.....	6	194	60.0	.....	.....	.....	.....	.....	3	191	.....
Other States.....	5	260	59.2	.....	.....	.....	.....	32	.....	228	.....
<b>Total.....</b>	<b>60</b>	<b>1,578</b>	<b>58.5</b>	<b>3</b>	<b>53</b>	<b>48</b>	<b>14</b>	<b>118</b>	.....	<b>228</b>	<b>1,114</b>

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male—Continued.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1908.</b>											
California.....	3	50	48.0	.....	50	.....	.....	.....	.....	.....	.....
Georgia.....	3	211	60.0	.....	.....	.....	.....	.....	.....	14	211
Illinois.....	5	51	57.1	.....	.....	.....	22	.....	.....	15	.....
Iowa.....	7	170	59.0	.....	.....	.....	23	.....	31	116	.....
Massachusetts.....	2	18	50.7	.....	10	.....	.....	8	.....	.....	.....
Michigan.....	4	215	57.6	.....	.....	25	.....	6	.....	103	81
Minnesota.....	2	48	59.4	.....	.....	.....	.....	.....	.....	27	21
New York.....	11	71	55.5	3	5	.....	13	18	.....	10	22
Ohio.....	6	37	59.0	.....	.....	.....	.....	4	.....	14	19
Pennsylvania.....	6	56	58.0	.....	.....	7	.....	6	.....	5	38
Wisconsin.....	6	184	60.0	.....	.....	.....	.....	.....	.....	2	182
Other States.....	5	189	58.9	.....	.....	.....	.....	35	.....	.....	154
Total.....	60	1,300	58.2	3	65	32	13	122	.....	206	859
<b>1909.</b>											
California.....	3	62	48.0	.....	62	.....	.....	.....	.....	.....	.....
Georgia.....	3	220	60.0	.....	.....	.....	.....	.....	.....	17	220
Illinois.....	5	66	56.9	.....	.....	.....	31	.....	.....	18	.....
Iowa.....	7	209	58.8	.....	.....	.....	33	.....	51	125	.....
Massachusetts.....	2	16	51.0	.....	8	.....	.....	8	.....	.....	.....
Michigan.....	4	232	57.8	.....	.....	24	.....	8	.....	99	101
Minnesota.....	2	51	59.2	.....	.....	.....	.....	.....	.....	39	12
New York.....	11	78	54.9	5	6	.....	18	19	.....	6	24
Ohio.....	6	41	59.0	.....	.....	.....	.....	4	.....	15	22
Pennsylvania.....	6	70	58.4	.....	.....	7	.....	6	.....	4	53
Wisconsin.....	6	180	60.0	.....	.....	.....	.....	.....	.....	2	178
Other States.....	5	226	59.0	.....	.....	.....	.....	38	.....	.....	188
Total.....	60	1,451	58.0	5	76	31	18	147	.....	233	941
<b>1910.</b>											
California.....	16	480	54.7	.....	95	56	.....	138	.....	.....	191
Georgia.....	11	494	59.0	.....	.....	.....	.....	95	.....	.....	399
Illinois.....	27	394	56.9	7	2	7	153	.....	146	79	.....
Iowa.....	12	276	59.1	.....	.....	2	23	.....	107	144	.....
Massachusetts.....	12	213	52.1	.....	37	77	16	19	34	30	.....
Michigan.....	16	341	57.3	.....	.....	35	.....	9	55	97	145
Minnesota.....	7	179	59.7	.....	.....	.....	.....	.....	.....	60	119
New York.....	35	544	55.4	10	67	60	29	62	52	155	109
Ohio.....	38	340	56.3	.....	.....	6	10	108	92	56	74
Pennsylvania.....	32	233	56.9	.....	.....	.....	73	48	13	93	.....
Wisconsin.....	13	1,163	60.0	.....	.....	.....	.....	.....	3	1,165	.....
Other States.....	5	223	59.2	.....	.....	.....	30	.....	.....	193	.....
Total.....	224	4,885	57.6	10	206	236	64	615	376	667	2,711
<b>1911.</b>											
California.....	17	370	53.7	.....	90	39	.....	141	.....	.....	100
Georgia.....	11	486	59.1	.....	5	4	9	157	.....	92	394
Illinois.....	29	405	56.9	.....	.....	.....	.....	.....	145	85	.....
Iowa.....	13	289	58.8	.....	.....	3	39	.....	99	148	.....
Massachusetts.....	13	135	51.0	.....	24	18	16	25	30	22	.....
Michigan.....	15	313	57.7	.....	13	.....	13	58	91	138	.....
Minnesota.....	9	165	60.0	.....	.....	1	45	32	71	14	151
New York.....	40	443	56.0	4	63	1	.....	.....	89	138	.....

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## LABORERS: Male—Concluded.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1911.</b>											
Ohio.....	33	274	56.6		12		10	98	8	55	91
Pennsylvania.....	58	377	56.0		3	5	5	137	112	29	83
Wisconsin.....	15	1,199	60.0							13	1,186
Total.....	253	4,456	57.6	4	197	80	88	642	371	557	2,514
<b>1912.</b>											
California.....	17	434	53.7		91	16		248			79
Georgia.....	11	354	58.7					17	70		267
Illinois.....	29	342	55.4	2	3	12	114	68		116	27
Iowa.....	13	284	58.5					53		94	137
Massachusetts.....	13	119	52.5		14	30	4	41	30		
Michigan.....	15	198	57.3			18		15	46	12	107
Minnesota.....	9	169	59.6						16		153
New York.....	40	415	56.2	3	52	1	29	59	52	99	120
Ohio.....	33	262	56.0		14		28	94	19	40	67
Pennsylvania.....	58	339	56.0		2	16	11	109	90	19	92
Wisconsin.....	15	1,205	60.0							8	1,197
Total.....	253	4,121	57.4	5	176	93	186	704	323	388	2,246

## MACHINE HANDS: Male.

1907.				Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	Over 60.
<b>1908.</b>											
California.....	3	102	48.0		102						
Georgia.....	3	80	60.0								80
Illinois.....	5	93	57.3					40		15	38
Iowa.....	7	296	59.1					35		58	203
Massachusetts.....	3	30	49.6		22			8			
Michigan.....	4	141	57.8			25		9			107
Minnesota.....	2	97	59.6						36	61	
New York.....	11	198	52.6	51				106		4	37
Ohio.....	6	79	56.6					29	15	21	14
Pennsylvania.....	7	97	56.7			13		30		10	44
Wisconsin.....	6	218	59.9							13	203
Other States.....	5	77	56.9					40			37
Total.....	62	1,508	56.9	51	124	38		297	15	157	826
<b>1909.</b>											
California.....	3	87	48.0		87						
Georgia.....	3	78	60.0								78
Illinois.....	5	85	56.7					44		13	28
Iowa.....	7	234	59.1					28		49	157
Massachusetts.....	3	31	49.9		21			10			
Michigan.....	4	136	58.0			22		8			106
Minnesota.....	2	94	59.7						32	62	
New York.....	11	165	53.0	40				86		6	33
Ohio.....	6	71	56.6					37		20	14
Pennsylvania.....	7	95	57.3			11		23		5	56
Wisconsin.....	6	217	59.9							11	206
Other States.....	5	79	57.2					37			42
Total.....	62	1,372	57.1	40	108	33		273		136	782

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Concluded.

## MACHINE HANDS: Male—Concluded.

Year and State.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Un- der 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1909.</b>											
California.....	3	88	48.0	—	88	—	—	—	—	—	—
Georgia.....	3	81	60.0	—	—	—	—	—	—	—	81
Illinois.....	5	92	56.8	—	—	—	—	46	—	16	30
Iowa.....	7	288	59.1	—	—	—	32	—	61	195	—
Massachusetts.....	3	35	49.7	—	25	—	—	10	—	—	—
Michigan.....	4	142	57.8	—	—	27	—	8	—	—	107
Minnesota.....	2	90	59.6	—	—	—	—	—	33	57	—
New York.....	11	165	53.1	40	—	—	—	81	—	7	37
Ohio.....	6	76	56.8	—	—	—	—	37	—	19	20
Pennsylvania.....	7	97	57.6	—	—	10	—	21	—	7	59
Wisconsin.....	6	240	59.9	—	—	—	—	—	—	13	227
Other States.....	5	94	57.4	—	—	—	—	40	—	—	54
Total.....	62	1,488	57.2	40	113	37	—	275	—	156	867
<b>1910.</b>											
California.....	16	351	52.2	—	157	60	—	45	—	—	89
Georgia.....	11	264	58.8	—	—	—	—	65	—	—	199
Illinois.....	29	517	55.2	—	17	21	10	322	—	75	72
Iowa.....	12	391	58.9	—	—	—	11	35	—	125	220
Massachusetts.....	15	283	52.4	—	62	72	29	32	42	46	—
Michigan.....	16	298	57.8	—	—	27	—	8	64	15	184
Minnesota.....	7	256	59.8	—	—	—	—	—	59	197	—
New York.....	35	730	54.9	52	60	99	—	146	33	183	157
Ohio.....	38	482	55.8	—	—	—	26	192	118	77	69
Pennsylvania.....	35	391	55.9	—	—	10	3	176	70	30	102
Wisconsin.....	13	1,386	60.0	—	—	—	—	—	—	11	1,375
Other States.....	5	89	57.5	—	—	—	—	37	—	—	52
Total.....	232	5,438	57.0	52	296	289	79	993	392	621	2,716
<b>1911.</b>											
California.....	17	392	51.2	—	200	78	—	45	—	—	69
Georgia.....	11	281	58.8	—	—	—	9	316	—	87	214
Illinois.....	31	515	55.7	—	—	19	—	—	—	74	84
Iowa.....	13	409	58.8	—	—	—	11	45	—	140	213
Massachusetts.....	15	237	52.1	—	63	45	28	32	47	22	—
Michigan.....	16	315	57.7	—	—	30	—	13	64	15	193
Minnesota.....	9	267	60.0	—	—	—	—	—	—	17	250
New York.....	41	732	54.6	39	191	25	—	40	70	187	180
Ohio.....	33	424	55.6	—	21	—	25	176	52	78	72
Pennsylvania.....	67	685	55.0	—	27	52	26	267	159	57	83
Wisconsin.....	15	1,358	60.0	—	—	—	—	—	—	23	1,335
Total.....	268	5,615	56.7	39	502	249	99	934	459	626	2,693
<b>1912.</b>											
California.....	17	411	51.8	—	200	32	—	110	—	—	69
Georgia.....	11	248	58.1	—	—	—	—	33	57	—	158
Illinois.....	31	475	54.7	9	11	13	186	111	—	74	71
Iowa.....	13	363	58.7	—	—	—	—	64	—	104	195
Massachusetts.....	15	232	51.8	—	55	65	—	44	68	—	—
Michigan.....	16	252	57.3	—	—	30	—	13	53	16	140
Minnesota.....	9	255	59.6	—	—	—	—	—	24	—	231
New York.....	41	709	54.4	48	182	22	—	60	51	190	156
Ohio.....	33	401	55.5	—	18	—	68	155	33	55	72
Pennsylvania.....	67	686	54.6	—	65	31	44	241	176	52	77
Wisconsin.....	15	1,022	60.0	—	—	—	—	—	—	11	1,011
Total.....	268	5,054	56.2	57	531	193	298	831	462	502	2,180

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>BENCH HANDS, MALE.</b>											
California:											
3 establishments....	1907	41	48.0	41	41	41	41	41	41	41	41
	1908	41	48.0	41	41	41	41	41	41	41	41
	1909	42	48.0	42	42	42	42	42	42	42	42
	1910	36	48.0	36	36	36	36	36	36	36	36
15 establishments....	1910	270	48.9	58	196	65	24	17			
	1911	214	49.4	32	81	59	33	9			
16 establishments....	1911	244	49.2	32	111	59	33	9			
	1912	300	51.4	144	12	121	121	23			
Georgia:											
3 establishments....	1907	116	60.0	—	—	—	—	—	116	—	—
	1908	102	60.0	—	—	—	—	—	102	—	—
	1909	100	60.0	—	—	—	—	—	100	—	—
	1910	94	60.0	—	—	—	—	—	94	—	—
11 establishments....	1910	189	58.9	—	—	—	41	148	—	—	—
	1911	190	58.9	—	—	—	40	150	—	—	—
11 establishments....	1911	190	58.9	—	—	—	40	150	—	—	—
	1912	178	58.3	—	—	23	33	122	—	—	—
Illinois:											
5 establishments....	1907	99	56.1	—	—	60	23	16	—	—	—
	1908	92	56.0	—	—	58	18	16	—	—	—
	1909	109	55.9	—	—	71	18	20	—	—	—
	1910	125	55.1	—	—	88	26	—	—	—	—
29 establishments....	1910	604	54.1	29	22	14	475	38	—	—	—
	1911	532	54.2	25	16	14	413	29	35	38	—
31 establishments....	1911	615	54.6	25	16	14	454	71	35	71	—
	1912	636	53.8	9	11	27	338	83	28	83	—
Iowa:											
7 establishments....	1907	151	58.0	—	—	—	47	16	88	—	—
	1908	123	58.0	—	—	—	38	17	68	—	—
	1909	151	57.9	—	—	—	48	24	79	—	—
	1910	147	58.4	—	—	—	34	29	84	—	—
12 establishments....	1910	225	58.2	—	—	15	34	77	99	—	—
	1911	230	58.0	—	—	17	42	73	98	—	—
13 establishments....	1911	260	57.5	—	—	17	72	73	98	—	—
	1912	248	57.9	—	—	75	71	102	—	—	—
Massachusetts:											
3 establishments....	1907	43	51.2	20	—	—	23	—	—	—	—
	1908	40	51.2	19	—	—	21	—	—	—	—
	1909	41	51.1	20	—	—	21	—	—	—	—
	1910	39	51.2	18	—	—	21	—	—	—	—
15 establishments....	1910	183	52.0	51	20	26	57	21	8	—	—
	1911	197	52.1	56	20	24	63	25	9	—	—
15 establishments....	1911	204	52.1	56	25	24	63	25	11	—	—
	1912	181	51.7	35	58	—	56	32	—	—	—
Michigan:											
4 establishments....	1907	82	52.8	—	—	47	20	—	15	—	—
	1908	80	53.2	—	—	41	22	—	17	—	—
	1909	88	53.1	—	—	46	24	—	18	—	—
	1910	105	52.6	—	—	60	29	—	16	—	—
16 establishments....	1910	206	54.4	—	—	71	29	49	9	48	—
	1911	196	54.7	—	—	60	29	49	10	48	—
16 establishments....	1911	194	54.6	—	—	60	29	49	10	46	—
	1912	204	54.7	—	—	62	27	54	8	53	—

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
BENCH HANDS, MALE—concluded.												
Minnesota:												
2 establishments....	{ 1907	45	59.6							18	27	
	1908	39	59.7							13	26	
	1909	40	59.8							9	31	
	1910	59	59.6							21	38	
7 establishments....	{ 1910	190	59.8							48	142	
	1911	170	59.9							44	126	
9 establishments....	{ 1911	198	60.0							29	169	
	1912	174	59.2								140	
New York:												
11 establishments....	{ 1907	200	51.7	82					55	10	53	
	1908	178	51.8	72					50	9	47	
	1909	174	51.9	69					49	8	48	
	1910	172	51.6	75					40	7	50	
35 establishments....	{ 1910	715	53.9	106	108	67			58	26	203	147
	1911	668	53.4	95	199	9			19	19	189	138
41 establishments....	{ 1911	736	53.3	91	222	36			27	19	188	153
	1912	756	52.7	144	171	41			69	29	180	122
Ohio:												
6 establishments....	{ 1907	72	56.6						20	21	22	9
	1908	60	56.4						33		19	8
	1909	69	56.5						36		23	10
	1910	76	56.6						26	16	23	11
33 establishments....	{ 1910	373	55.4				25	170	86	45	47	
	1911	380	55.4		2		30	174	79	46	49	
32 establishments....	{ 1911	332	55.3		2		23	198	25	46	38	
	1912	340	55.2		8		31	201	20	40	40	
Pennsylvania:												
7 establishments....	{ 1907	93	55.1				31	22		13	27	
	1908	70	55.5				18	21		7	24	
	1909	96	55.3				29	26		8	33	
	1910	100	54.3				44	20		6	30	
35 establishments....	{ 1910	421	54.9				44	6	189	116	12	54
	1911	416	55.1				28	28	202	80	22	56
68 establishments....	{ 1911	824	54.6		22	136	35	339	127	53	73	39
	1912	701	54.0		90	54	50	263	131	42	71	
Wisconsin:												
6 establishments....	{ 1907	71	59.8							13	58	
	1908	71	59.8							12	59	
	1909	81	59.8							14	67	
	1910	82	59.8							13	69	
13 establishments....	{ 1910	271	60.0							13	253	
	1911	306	60.0							15	291	
15 establishments....	{ 1911	334	59.9							26	308	
	1912	430	60.0							13	417	
LABORERS, MALE.												
California:												
3 establishments....	{ 1907	37	48.0		37							
	1908	50	48.0		50							
	1909	62	48.0		62							
	1910	45	48.0		45							
16 establishments....	{ 1910	480	54.7		95	56		138			191	
	1911	488	55.2		88	53		123			224	
17 establishments....	{ 1911	370	53.7		90	39		141			100	
	1912	434	53.7		91	16		248			79	

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
LABORERS, MALE—continued.											
New York:											
11 establishments....	1907	80	55.9	3	5	-----	14	18	-----	13	27
	1908	71	55.5	3	5	-----	13	18	-----	10	22
	1909	78	54.9	5	6	-----	18	19	-----	6	24
	1910	95	55.0	7	4	-----	29	17	-----	7	31
35 establishments....	1910	544	55.4	10	67	60	29	62	52	155	109
	1911	527	55.6	10	101	16	13	55	40	175	177
40 establishments....	1911	443	56.0	4	63	1	45	32	71	89	138
	1912	415	56.2	3	52	1	29	59	52	99	120
Ohio:											
6 establishments....	1907	37	59.0	-----	-----	-----	4	-----	14	19	-----
	1908	37	59.0	-----	-----	-----	4	-----	14	19	-----
	1909	41	59.0	-----	-----	-----	4	-----	15	22	-----
	1910	39	59.2	-----	-----	-----	3	-----	15	21	-----
38 establishments....	1910	340	56.3	-----	-----	10	108	92	56	74	-----
	1911	342	56.3	-----	12	-----	13	87	84	55	91
33 establishments....	1911	274	56.6	-----	12	-----	10	98	8	55	91
	1912	262	56.0	-----	14	-----	28	94	19	40	67
Pennsylvania:											
6 establishments....	1907	59	58.0	-----	-----	8	-----	6	-----	4	41
	1908	56	58.0	-----	-----	7	-----	6	-----	5	38
	1909	70	58.4	-----	-----	7	-----	6	-----	4	53
	1910	82	58.5	-----	-----	6	-----	8	-----	12	56
32 establishments....	1910	233	56.9	-----	-----	6	-----	73	48	13	93
	1911	253	57.1	-----	-----	5	5	77	42	19	105
58 establishments....	1911	377	56.0	-----	3	5	5	137	112	29	83
	1912	339	56.0	-----	2	16	11	109	90	19	92
Wisconsin:											
6 establishments....	1907	194	60.0	-----	-----	-----	-----	-----	-----	3	191
	1908	184	60.0	-----	-----	-----	-----	-----	-----	2	182
	1909	180	60.0	-----	-----	-----	-----	-----	-----	2	178
	1910	194	60.0	-----	-----	-----	-----	-----	-----	3	191
13 establishments....	1910	1,168	60.0	-----	-----	-----	-----	-----	-----	3	1,165
	1911	1,099	60.0	-----	-----	-----	-----	-----	-----	2	1,097
15 establishments....	1911	1,199	60.0	-----	-----	-----	-----	-----	-----	13	1,186
	1912	1,205	60.0	-----	-----	-----	-----	-----	-----	8	1,197
MACHINE HANDS, MALE.											
California:											
3 establishments....	1907	102	48.0	-----	102	-----	-----	-----	-----	-----	-----
	1908	87	48.0	-----	87	-----	-----	-----	-----	-----	-----
	1909	88	48.0	-----	88	-----	-----	-----	-----	-----	-----
	1910	86	48.0	-----	86	-----	-----	-----	-----	-----	-----
16 establishments....	1910	351	52.2	-----	157	60	-----	45	-----	-----	89
	1911	388	52.0	-----	172	78	-----	45	-----	-----	93
17 establishments....	1911	392	51.2	-----	200	78	-----	45	-----	-----	69
	1912	411	51.8	-----	200	32	-----	110	-----	-----	69
Georgia:											
3 establishments....	1907	80	60.0	-----	-----	-----	-----	-----	-----	-----	80
	1908	78	60.0	-----	-----	-----	-----	-----	-----	-----	78
	1909	81	60.0	-----	-----	-----	-----	-----	-----	-----	81
	1910	86	60.0	-----	-----	-----	-----	-----	-----	-----	86
11 establishments....	1910	264	58.8	-----	-----	-----	-----	65	-----	-----	199
	1911	276	58.9	-----	-----	-----	-----	62	-----	-----	214
11 establishments....	1911	281	58.8	-----	-----	-----	-----	67	-----	-----	214
	1912	248	58.1	-----	-----	-----	-----	33	57	-----	158

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
MACHINE HANDS, MALE—continued.											
Illinois:											
5 establishments	1907	93	57.3	-----	-----	-----	-----	40	-----	15	33
	1908	85	56.7	-----	-----	-----	-----	44	-----	13	28
	1909	92	56.8	-----	-----	-----	-----	46	-----	16	30
	1910	132	56.5	-----	-----	7	67	-----	-----	-----	58
29 establishments	1910	517	55.2	-----	17	21	10	322	-----	75	72
	1911	487	55.2	-----	15	19	9	303	-----	87	54
31 establishments	1911	515	55.7	-----	9	11	13	316	-----	87	84
	1912	475	54.7	-----	-----	186	111	-----	-----	74	71
Iowa:											
7 establishments	1907	296	59.1	-----	-----	-----	-----	35	-----	53	203
	1908	234	59.1	-----	-----	-----	-----	23	-----	49	157
	1909	288	59.1	-----	-----	-----	-----	32	-----	61	195
	1910	318	59.1	-----	-----	-----	-----	35	-----	63	215
12 establishments	1910	391	58.9	-----	-----	-----	11	35	-----	125	220
	1911	396	58.9	-----	-----	-----	11	32	-----	140	213
13 establishments	1911	409	58.8	-----	-----	-----	11	45	-----	140	213
	1912	363	58.7	-----	-----	-----	-----	64	-----	104	195
Massachusetts:											
3 establishments	1907	30	49.6	-----	22	-----	-----	8	-----	-----	-----
	1908	31	49.9	-----	21	-----	-----	10	-----	-----	-----
	1909	35	49.7	-----	25	-----	-----	10	-----	-----	-----
	1910	36	50.0	-----	24	-----	-----	12	-----	-----	-----
15 establishments	1910	283	52.4	-----	62	72	29	32	42	46	-----
	1911	290	52.4	-----	63	73	28	32	47	47	-----
15 establishments	1911	237	52.1	-----	63	45	28	32	47	22	-----
	1912	232	51.8	-----	55	65	-----	44	68	-----	-----
Michigan:											
4 establishments	1907	141	57.8	-----	-----	25	-----	9	-----	-----	107
	1908	136	58.0	-----	-----	22	-----	8	-----	-----	106
	1909	142	57.8	-----	-----	27	-----	8	-----	-----	107
	1910	140	58.0	-----	-----	23	-----	8	-----	-----	109
16 establishments	1910	298	57.8	-----	-----	27	-----	8	64	15	184
	1911	321	57.5	-----	-----	33	-----	13	64	15	191
16 establishments	1911	315	57.7	-----	-----	30	-----	13	64	15	193
	1912	252	57.3	-----	-----	30	-----	13	53	16	140
Minnesota:											
2 establishments	1907	97	59.6	-----	-----	-----	-----	-----	-----	36	61
	1908	94	59.7	-----	-----	-----	-----	-----	-----	32	62
	1909	90	59.6	-----	-----	-----	-----	-----	-----	33	57
	1910	87	59.6	-----	-----	-----	-----	-----	-----	35	52
7 establishments	1910	256	59.8	-----	-----	-----	-----	-----	-----	59	197
	1911	248	59.3	-----	-----	-----	-----	-----	-----	53	195
9 establishments	1911	267	60.0	-----	-----	-----	-----	-----	24	17	250
	1912	255	59.6	-----	-----	-----	-----	-----	-----	231	-----
New York:											
11 establishments	1907	198	52.6	51	-----	-----	-----	106	-----	4	37
	1908	165	53.0	40	-----	-----	-----	86	-----	6	33
	1909	165	53.1	40	-----	-----	-----	81	-----	7	37
	1910	171	53.3	42	-----	-----	-----	79	-----	8	42
35 establishments	1910	730	54.9	52	60	90	-----	146	33	183	157
	1911	683	54.4	39	201	13	-----	54	33	171	172
41 establishments	1911	732	54.6	39	191	25	-----	40	70	187	180
	1912	709	54.4	48	182	22	-----	60	51	190	156
Ohio:											
6 establishments	1907	79	56.6	-----	-----	-----	-----	29	15	21	14
	1908	71	56.6	-----	-----	-----	-----	37	-----	20	14
	1909	76	56.8	-----	-----	-----	-----	37	-----	19	20
	1910	82	57.1	-----	-----	-----	-----	35	-----	25	22

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

State, and number of establishments.	Year.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
			Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
MACHINE HANDS, MALE—concluded.											
Ohio—Concluded.											
33 establishments....	{ 1910	482	55.8	.....	.....	26	192	118	77	69	.....
	{ 1911	488	55.5	.....	21	30	161	130	78	68	.....
33 establishments....	{ 1911	424	55.6	.....	21	25	176	52	78	72	.....
	{ 1912	401	55.5	.....	18	68	155	33	55	72	.....
Pennsylvania:											
	{ 1907	97	56.7	.....	13	30	.....	10	44	.....	
7 establishments....	{ 1908	95	57.3	.....	11	23	.....	5	56	.....	
	{ 1909	97	57.6	.....	10	21	.....	7	59	.....	
	{ 1910	110	57.9	.....	10	21	.....	6	73	.....	
35 establishments....	{ 1910	391	55.9	.....	10	3	176	70	30	102	.....
	{ 1911	385	55.9	.....	8	22	170	48	34	103	.....
67 establishments....	{ 1911	685	55.0	.....	27	52	26	267	159	57	83
	{ 1912	686	54.6	.....	65	31	44	241	176	52	14
Wisconsin:											
	{ 1907	218	59.9	.....	.....	.....	.....	.....	13	205	.....
6 establishments....	{ 1908	217	59.9	.....	.....	.....	.....	.....	11	206	.....
	{ 1909	240	59.9	.....	.....	.....	.....	.....	13	227	.....
	{ 1910	243	60.0	.....	.....	.....	.....	.....	11	232	.....
13 establishments....	{ 1910	1,386	60.0	.....	.....	.....	.....	.....	11	1,375	.....
	{ 1911	1,297	60.0	.....	.....	.....	.....	.....	14	1,283	.....
15 establishments....	{ 1911	1,358	60.0	.....	.....	.....	.....	.....	23	1,335	.....
	{ 1912	1,022	60.0	.....	.....	.....	.....	.....	11	1,011	.....

## FURNITURE MANUFACTURING.

### GENERAL SUMMARY.

This study of wages and hours of labor in furniture manufacturing shows rates of wages per hour and nominal full-time hours per week for the years 1907 to 1912, inclusive, and in addition it summarizes data published in previous reports<sup>1</sup> of the Bureau of Labor Statistics, and thus furnishes a comparison for the 23-year period, 1890 to 1912, inclusive.

This present report and also previous reports show wages and hours of labor for each of the most important occupations in furniture manufacturing, but do not show data for all the occupations in the industry. The occupations for which data are shown in this report are cabinetmakers, hand carvers, chair assemblers, finishers, machine hands, upholsterers, and veneerers, and these seven occupations include almost three-fifths of the total employees.

Comparing 1912 with certain other years the changes in nominal full-time hours per week, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	7.3 per cent decline.
1912 compared with 1895.....	5.9 per cent decline.
1912 compared with 1900.....	6.3 per cent decline.
1912 compared with 1905.....	2.8 per cent decline.
1912 compared with 1910.....	1.3 per cent decline.

The changes in nominal full-time hours per week for each of the principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF DECREASE IN NOMINAL FULL-TIME HOURS PER WEEK: 1912 COMPARED WITH EACH OF THE 5 YEARS PRECEDING.

Occupation.	Per cent lower in 1912 than in—				
	1907	1908	1909	1910	1911
Cabinetmakers.....	0.7	1.5	1.2	0.9	0.3
Carvers, hand.....	2.8	3.3	.6	.1	(2)
Chair assemblers.....	(3)	(3)	(3)	.4	.9
Finishers.....	1.5	1.8	1.5	1.5	.6
Machine hands.....	2.7	2.6	2.3	1.4	.7
Upholsterers.....	.8	.5	1.1	1.1	.5
Veneerers.....	(3)	(3)	(3)	1.5	.7
Total.....	1.9	2.1	1.7	1.3	.6

<sup>1</sup> Previous reports of wages and hours of labor in furniture manufacturing have been published by the Bureau as follows: Nineteenth Annual Report, covering 1890 to 1908; 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; and Bulletin No. 77 (July, 1908), covering 1906 and 1907.

<sup>2</sup> Increase of 0.2 per cent.

<sup>3</sup> No data.

Comparing 1912 with certain other years, the changes in rates of wages per hour, as shown by combining the principal occupations, were as follows:

1912 compared with 1890.....	34.4 per cent advance.
1912 compared with 1895.....	38.0 per cent advance.
1912 compared with 1900.....	31.9 per cent advance.
1912 compared with 1905.....	11.7 per cent advance.
1912 compared with 1910.....	3.5 per cent advance.

The changes in rates of wages per hour for each of the principal occupations of the industry during the period from 1907 to 1912, inclusive, are shown in the table which follows:

PER CENT OF INCREASE IN RATES OF WAGES PER HOUR: 1912 COMPARED WITH EACH OF THE 5 YEARS PRECEDING.

Occupation.	Per cent higher in 1912 than in—				
	1907	1908	1909	1910	1911
Cabinetmakers.....	1.5	3.9	4.7	0.5	( <sup>1</sup> )
Carvers, hand.....	13.1	12.1	7.7	4.0	1.0
Chair assemblers.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.7	1.9
Finishers.....	4.0	1.9	5.0	2.9	3.0
Machine hands.....	8.5	8.4	7.3	4.8	2.7
Upholsterers.....	11.5	12.5	13.0	7.6	2.4
Veneerers.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.5	6.1
Total.....	6.1	6.0	6.6	3.5	2.3

<sup>1</sup> Decrease of 0.2 per cent.

<sup>2</sup> No data.

The next table shows for the industry the course of nominal full-time hours per week and the rates of wages per hour during the 23-year period from 1890 to 1912. The occupations combined were cabinetmakers, hand carvers, finishers, machine woodworkers, band sawyers, circular sawyers, jig sawyers, upholsterers, and varnishers, during 1890 to 1904. The same occupations were included in 1904 to 1907, except that finishers and varnishers were combined beginning with 1904 and band sawyers, circular sawyers, and jig sawyers were combined as sawyers beginning with 1907. For 1907 to 1911 all occupations were continued, but machine woodworkers and sawyers were combined as machine hands. For 1911 and 1912 the occupations are cabinetmakers, hand carvers, chair assemblers, finishers (including varnishers), machine hands, upholsterers, and veneerers. While the nomenclature of the occupations has changed somewhat, yet no type of employees included during the earlier period has been dropped.

In combining the relatives for the principal occupations to determine the relative for the industry shown in the table which follows, the relatives for each occupation were weighted according to the number of employees reported each year. This weighting causes the

figures for 1890 to 1907 to differ slightly from those shown for the industry in Bulletin No. 77 (July, 1908), where the relative for the industry was a simple average of occupation relatives. Under these two methods the difference in relative hours does not exceed 1 per cent in any of the 18 years, and the difference in relative wages does not exceed 1 per cent in 13 of the 18 years, the greatest difference being slightly less than 3 per cent. The base used in computing the relatives in this table is the average for the 10-year period, 1890 to 1899.

RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN FURNITURE MANUFACTURING, 1890 TO 1912.

[Data are included from 58 establishments, 1890-1903; 61 establishments, 1903, 1904; 63 establishments, 1904, 1905; 63 establishments, 1905, 1906; 67 establishments, 1906, 1907; 52 establishments, 1907-1910; 128 establishments, 1910, 1911; and 199 establishments, 1911, 1912.]

Year.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899 .....	100.0	100.0
1890.....	101.3	100.5
1891.....	100.7	101.5
1892.....	99.8	102.5
1893.....	99.9	101.1
1894.....	98.2	99.4
1895.....	99.8	97.9
1896.....	100.0	97.7
1897.....	99.6	100.2
1898.....	100.4	98.0
1899.....	100.3	102.0
1900.....	100.2	102.4
1901.....	99.3	107.3
1902.....	98.3	114.1
1903.....	98.1	115.2
1904.....	97.3	117.5
1905.....	96.6	121.0
1906.....	95.8	125.7
1907.....	95.7	127.3
1908.....	95.9	127.5
1909.....	95.5	126.7
1910.....	95.1	130.5
1911.....	94.5	132.1
1912.....	93.9	135.1

The table which follows shows, for each of the principal occupations in the industry, relative nominal full-time hours per week and relative rates of wages per hour during the 23-year period 1890 to 1912. As already indicated, certain changes have been made in nomenclature of occupations, thus, beginning with 1907, band sawyers, circular sawyers, and jig sawyers were combined as sawyers; and beginning with 1907 machine woodworkers and sawyers were combined as machine hands. The base used for computing the relatives for each occupation, except as noted, is the average of the 10-year period 1890 to 1899.

## RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN FURNITURE MANUFACTURING, 1890 TO 1912.

[Data are included from 58 establishments, 1890-1903; 61 establishments, 1903, 1904; 63 establishments, 1904, 1905; 63 establishments, 1905, 1906; 67 establishments, 1906, 1907; 52 establishments, 1907-1910; 128 establishments, 1910, 1911; and 199 establishments, 1911, 1912.]

Year.	Cabinetmakers, male.		Carvers, hand, male.		Chair assem- blers, male.		Finishers, <sup>1</sup> male.		Varnishers, <sup>1</sup> male.	
	Rela- tive nomi- nal full- time hours per week.	Rela- tive rate of wages per hour.								
<b>Average, 1890-1899.</b>	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0
1890.	101.2	101.8	103.1	97.0			100.8	97.6	101.5	97.7
1891.	100.5	102.3	99.8	103.2			100.5	104.6	100.8	99.2
1892.	99.7	104.5	96.0	113.7			99.4	100.9	100.3	98.3
1893.	99.4	103.6	102.6	97.7			98.8	102.1	99.8	99.2
1894.	98.4	100.1	99.2	95.6			98.3	99.4	97.6	100.2
1895.	99.8	98.2	102.2	84.6			98.5	96.8	100.2	97.3
1896.	99.8	97.2	101.6	95.2			100.7	100.1	100.3	94.6
1897.	99.8	98.1	99.5	101.0			100.5	100.3	99.3	105.5
1898.	100.7	95.7	99.8	99.7			100.7	98.3	100.5	98.1
1899.	100.4	98.6	96.4	112.3			101.7	99.9	99.7	109.9
1900.	99.9	100.4	101.2	102.2			100.2	102.3	99.9	106.3
1901.	98.3	107.2	99.4	112.3			98.0	115.8	99.5	109.7
1902.	96.8	115.1	97.2	119.0			95.4	127.7	98.3	117.1
1903.	96.7	116.9	99.8	112.7			94.1	141.3	98.6	112.4
1904.	95.9	119.0	97.3	115.9			94.8	137.9	97.7	114.4
1905.	95.3	122.2	97.2	116.7						
1906.	93.4	128.5	97.3	120.7						
1907.	93.7	128.5	98.4	120.7						
1908.	94.4	125.5	98.9	121.8						
1909.	94.1	124.6	96.2	126.7						
1910.	93.8	129.8	95.7	131.2	<sup>2</sup> 100.0	<sup>2</sup> 100.0				
1911.	93.3	130.6	95.4	135.1	<sup>2</sup> 100.5	<sup>2</sup> 104.7				
1912.	93.0	130.4	95.6	136.5	<sup>2</sup> 99.6	<sup>2</sup> 106.7				

<sup>1</sup> Employees reported separately as finishers and varnishers for 1890 to 1904 are reported as finishers for subsequent years.

<sup>2</sup> Data for 1890 to 1909 not available; computed with 1910=100.0.

RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN FURNITURE MANUFACTURING, 1890 TO 1912—Continued.

Year.	Finishers <sup>1</sup> (including varnishers), male.		Machine wood-workers, <sup>2</sup> male.		Sawyers, band, <sup>3</sup> male.		Sawyers, circular, <sup>4</sup> male.		Sawyers, jig, <sup>4</sup> male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1890	101.4	100.7	101.4	105.2	100.5	101.7	100.4	92.9		
1891	101.0	101.1	100.3	102.6	100.4	102.2	100.1	100.5		
1892	100.0	101.4	99.5	102.7	100.3	102.6	100.1	98.6		
1893	100.0	99.8	100.5	101.2	100.3	102.0	100.1	106.9		
1894	98.0	98.6	96.3	99.1	96.2	97.9	100.1	100.9		
1895	99.4	98.6	99.3	98.8	100.4	98.7	100.1	100.3		
1896	99.9	99.2	100.8	97.7	100.3	98.0	100.1	98.6		
1897	99.3	100.4	100.0	98.4	100.5	99.4	100.1	101.9		
1898	100.2	99.5	100.0	97.1	100.3	98.4	100.1	100.9		
1899	100.8	101.1	101.9	97.5	100.8	99.2	98.9	104.4		
1900	100.8	102.1	101.3	100.5	99.9	102.9	95.7	107.6		
1901	101.1	103.0	100.8	103.7	99.3	107.1	94.6	113.8		
1902	100.6	108.7	100.8	104.4	98.9	111.4	93.1	124.1		
1903	100.3	112.2	100.7	105.8	99.1	113.4	93.1	124.1		
1904	5 96.4	5 124.6	99.7	111.1	99.6	109.5	98.5	113.9	92.3	132.5
1905	96.2	127.1	99.6	114.5	99.4	111.7	98.4	117.6	92.0	133.1
1906	95.7	130.5	99.1	119.0	99.4	114.1	98.0	122.1	91.0	131.2
1907	95.5	131.0	99.1	122.1						
1908	95.8	133.7								
1909	95.5	129.8								
1910	95.5	132.5								
1911	94.7	132.3								
1912	94.1	136.3								

<sup>1</sup> This occupation includes employees reported separately as finishers and varnishers for 1890 to 1904.

<sup>2</sup> Employees reported as machine woodworkers for 1890 to 1907 are reported as machine hands for subsequent years.

<sup>3</sup> Employees reported as band sawyers for 1890 to 1906 are reported as sawyers for 1907 and as machine hands for subsequent years.

<sup>4</sup> Employees reported as circular sawyers and jig sawyers for 1890 to 1906 are reported as sawyers for 1907 and as machine hands for subsequent years.

<sup>5</sup> Average of relatives of finishers and varnishers, computed by weighting the relatives for each of those occupations according to the number of employees reported in 1904.

RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN FURNITURE MANUFACTURING, 1890 TO 1912—Concluded.

Year.	Sawyers, <sup>1</sup> male.		Machine hands, <sup>2</sup> male.		Upholsterers, male.		Veneerers, male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899.	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....
1890.					100.5	99.4	.....	.....
1891.					100.3	101.4	.....	.....
1892.					99.9	100.2	.....	.....
1893.					100.3	98.2	.....	.....
1894.					100.2	100.6	.....	.....
1895.					100.1	99.9	.....	.....
1896.					99.7	98.1	.....	.....
1897.					99.7	97.6	.....	.....
1898.					99.7	100.6	.....	.....
1899.					99.6	104.0	.....	.....
1900.					98.3	106.0	.....	.....
1901.					94.4	121.1	.....	.....
1902.					94.9	125.2	.....	.....
1903.					92.1	125.3	.....	.....
1904.					91.3	125.1	.....	.....
1905.					91.7	126.2	.....	.....
1906.					91.5	130.0	.....	.....
1907.	96.0	125.6	898.2	8123.1	91.3	131.8	.....	.....
1908.			98.0	123.2	91.1	130.6	.....	.....
1909.			97.7	124.5	91.6	130.0	.....	.....
1910.			96.9	127.5	91.6	136.5	4100.0	4100.0
1911.			96.2	130.1	91.1	143.5	499.2	4101.3
1912.			95.5	133.6	90.6	146.9	498.5	4107.5

<sup>1</sup> This occupation includes employees reported as band sawyers, circular sawyers, and jig sawyers, 1890 to 1906.

<sup>2</sup> This occupation includes employees reported as machine woodworkers, band sawyers, circular sawyers and jig sawyers, 1890 to 1906, and as machine woodworkers and sawyers for 1907.

<sup>3</sup> Average of relatives of machine woodworkers and sawyers, computed by weighting the relatives for each of those occupations according to the number of employees reported in 1907.

<sup>4</sup> Data for 1890 to 1909 not available; computed with 1910=100.

The most significant facts concerning nominal full-time working hours per week and rates of wages per hour in each of the principal occupations of the industry are shown for 1907 to 1912 in the two tables which follow.

Owing to the difficulty in finding records for past years, and also owing to the great amount of work involved, data for 1907 to 1909 were secured from only a limited number of establishments.

In order, however, to permit of a true comparison of data from year to year, information was secured from identical establishments for 1907 to 1910, and when the work was enlarged in 1911 data were secured for both 1910 and 1911 from the additional establishments, and when the work was again enlarged in 1912 data were secured for both 1911 and 1912 from the additional establishments. The data are for the pay-roll period ending nearest May 15 each year, or if paid only once a month, for the May pay roll, except for a very few establishments where conditions in May were particularly abnormal.

The first table shows data concerning nominal full-time hours per week and the second data concerning rates of wages per hour. A number of establishments included in the hour table are omitted from the wage table, for the reason that records for those establishments were not available in such shape that the Bureau could present classified rates of wages.

AVERAGE AND CLASSIFIED NOMINAL FULL-TIME WORKING HOURS PER WEEK IN EACH OF THE PRINCIPAL OCCUPATIONS IN FURNITURE MANUFACTURING, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time working hours per week.	Per cent of employees whose nominal full-time working hours per week were--				
				Under 54.	54.	Over 54 and under 60.	60.	Over 60.
Cabinetmakers, male:								
50 establishments.....	{ 1907 1908 1909 1910	890 632 771 862	56.7 57.1 56.9 56.7	15.5 15.0 13.5 10.7	17.5 15.7 15.7 17.9	20.2 27.7 28.9 34.2	46.9 43.5 41.8 37.2	.....
115 establishments.....	{ 1910 1911	1,801 1,846	58.0 57.7	6.9 7.7	8.9 6.2	26.6 37.0	56.6 47.8	0.9 1.3
169 establishments.....	{ 1911 1912	2,455 2,427	58.3 58.1	5.9 5.6	4.4 4.4	31.6 33.4	57.2 55.7	1.0 .9
Carvers, hand, male:								
25 establishments.....	{ 1907 1908 1909 1910	169 127 151 148	54.2 54.5 53.0 52.7	29.6 28.3 35.1 39.2	29.0 26.0 31.8 32.4	17.8 28.3 21.9 17.6	23.7 17.3 11.3 10.8	.....
65 establishments.....	{ 1910 1911	315 345	55.7 55.5	18.3 22.3	16.5 18.0	28.0 31.0	36.8 33.3	.3 .3
76 establishments.....	{ 1911 1912	367 334	56.2 56.3	13.2 18.0	17.4 12.0	31.1 30.6	38.1 39.2	.3 .3
Chair assemblers, male:								
6 establishments.....	{ 1910 1911	165 141	57.7 58.0	..... .....	..... .....	75.7 67.4	24.2 32.6	.....
15 establishments.....	{ 1911 1912	227 237	58.3 57.8	2.2 6.7	..... .....	49.4 51.5	48.5 41.8	.....
Finishers, male:								
52 establishments.....	{ 1907 1908 1909 1910	1,217 927 1,127 1,164	57.3 57.5 57.3 57.3	3.9 3.8 3.8 3.5	21.0 17.7 17.7 18.0	34.8 38.8 39.9 42.4	40.2 39.7 38.5 36.0	.....
128 establishments.....	{ 1910 1911	3,132 3,206	58.5 58.0	2.0 2.8	6.8 7.0	32.7 43.0	57.1 45.9	1.3 1.2
192 establishments.....	{ 1911 1912	4,407 4,357	58.5 58.1	1.9 3.7	4.6 4.8	34.8 39.0	57.9 51.7	.9 .8
Machine hands, male:								
51 establishments.....	{ 1907 1908 1909 1910	1,347 1,047 1,153 1,239	58.2 58.1 57.9 57.4	3.7 5.1 4.5 4.0	10.0 9.3 10.1 10.3	32.6 37.2 38.8 47.1	53.7 48.5 46.6 38.7	.....
121 establishments.....	{ 1910 1911	3,151 3,107	58.7 58.3	2.0 3.0	4.3 3.5	34.0 42.3	57.7 48.8	2.2 2.5
192 establishments.....	{ 1911 1912	4,855 4,797	58.8 58.4	2.0 2.4	2.2 3.2	33.6 36.5	60.7 56.2	1.6 1.7
Upholsterers, male:								
19 establishments.....	{ 1907 1908 1909 1910	383 310 307 325	53.6 53.5 53.8 53.8	26.4 27.1 26.4 23.1	53.3 52.6 52.4 53.5	12.0 17.1 17.9 18.8	8.4 3.2 3.3 4.6	.....
38 establishments.....	{ 1910 1911	501 518	55.0 54.7	15.0 21.1	43.1 44.6	22.4 19.1	19.6 15.3	.....
49 establishments.....	{ 1911 1912	558 552	55.8 55.5	8.6 13.7	41.8 34.8	29.8 33.4	19.9 18.1	.....
Veneerers, male:								
58 establishments.....	{ 1910 1911	333 317	58.9 58.4	..... .....	.3 .3	40.5 50.5	55.9 44.2	3.3 5.0
94 establishments.....	{ 1911 1912	430 407	58.7 58.3	.2 .9	.2 .5	43.5 44.7	52.3 51.6	3.7 2.2

## AVERAGE AND CLASSIFIED RATES OF WAGES PER HOUR IN EACH OF THE PRINCIPAL OCCUPATIONS IN FURNITURE MANUFACTURING, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.			
				Under 16 cents.	16 and under 20 cents.	20 and under 25 cents.	25 cents and over.
Cabinetmakers, male: 40 establishments.	1907	783	\$0.2357	11.2	16.0	36.9	36.1
	1908	542	.2314	14.2	17.2	33.6	35.0
	1909	674	.2297	12.2	15.9	37.5	34.4
	1910	756	.2392	12.3	14.5	33.5	39.7
88 establishments.	1910	1,509	.2277	13.9	15.3	38.0	32.8
	1911	1,518	.2303	12.9	13.1	39.4	34.6
120 establishments.	1911	1,804	.2305	14.4	16.2	37.3	32.1
	1912	1,781	.2291	11.3	16.1	37.0	35.7
Chair assemblers, male: 5 establishments.	1910	140	.1826	32.2	35.7	20.7	11.4
	1911	125	.1940	17.6	36.0	31.2	15.2
13 establishments.	1911	201	.1962	24.9	25.4	30.3	19.4
	1912	213	.2034	20.6	29.6	28.2	21.6
Finishers, male: 41 establishments.	1907	1,056	.1957	23.7	30.5	29.5	16.3
	1908	786	.2003	20.6	29.4	31.7	18.3
	1909	968	.1933	25.9	28.3	29.1	16.6
	1910	992	.1984	22.7	29.5	28.6	19.2
102 establishments.	1910	2,598	.1901	23.5	37.0	28.2	11.3
	1911	2,724	.1936	20.9	35.8	30.7	12.6
150 establishments.	1911	3,614	.1880	25.2	36.7	29.4	8.7
	1912	3,521	.1932	21.1	34.3	33.2	11.4
Machine hands, male: 40 establishments.	1907	1,066	.2147	15.1	23.7	33.4	27.7
	1908	817	.2160	16.6	21.1	33.3	28.9
	1909	912	.2173	16.2	20.5	33.9	29.4
	1910	994	.2231	14.8	17.7	32.7	34.8
96 establishments.	1910	2,508	.2102	17.2	21.5	35.7	25.8
	1911	2,467	.2142	15.9	21.4	34.0	28.6
167 establishments.	1911	4,196	.2089	17.0	23.2	34.9	25.0
	1912	4,148	.2151	14.6	22.9	33.7	29.0
Veneerers, male: 44 establishments.	1910	289	.1973	15.9	31.1	42.9	10.0
	1911	267	.2002	14.6	31.1	40.1	14.2
79 establishments.	1911	369	.2066	11.6	27.1	42.8	18.5
	1912	343	.2181	4.4	23.3	48.1	24.2

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.			
				Under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 cents and over.
Carvers, hand, male: 22 establishments.	1907	155	\$0.3176	13.5	21.3	48.4	16.8
	1908	113	.3203	13.3	29.2	38.9	18.6
	1909	138	.3311	12.2	21.7	43.5	22.4
	1910	136	.3420	10.3	18.4	50.0	21.3
53 establishments.	1910	277	.3190	15.1	16.6	56.7	11.5
	1911	304	.3292	15.5	13.8	53.3	17.5
58 establishments.	1911	306	.3207	15.4	16.7	55.6	12.4
	1912	277	.3217	10.8	22.0	56.3	10.9
Upholsterers, male: 15 establishments.	1907	336	.3082	22.4	31.8	35.4	10.5
	1908	271	.3029	21.0	27.7	41.7	9.6
	1909	272	.2996	18.0	31.6	41.9	8.5
	1910	279	.3172	18.7	26.5	38.7	16.1
32 establishments.	1910	433	.2989	23.8	28.4	37.2	10.6
	1911	454	.3157	16.2	28.9	38.8	15.9
35 establishments.	1911	384	.3054	19.0	28.6	41.4	10.9
	1912	394	.3164	18.5	25.6	38.8	17.0

## EXPLANATION OF SCOPE AND METHOD.

The industry covered in this part of the report is the manufacture of what is generally designated as household and office furniture. Household furniture includes bedroom, dining-room, and parlor suites; library and hall pieces, tables, chairs, etc. Office furniture includes desks, tables, chairs, etc., but not specialties. During the earlier years of the 23-year period covered by this report a few establishments engaged in the manufacture of interior woodwork, school furniture, etc., were included, but during the later years of the period the Bureau has not included such establishments.

The number of establishments for which data concerning rates of wages per hour and nominal full-time hours of work per week were secured has varied considerably during the 23-year period, as follows:

1890 to 1903.....	58 identical establishments.
1903 and 1904.....	61 identical establishments.
1904 and 1905.....	63 identical establishments.
1905 and 1906.....	63 identical establishments.
1906 and 1907.....	67 identical establishments.
1907 to 1910.....	52 identical establishments.
1910 and 1911.....	128 identical establishments.
1911 and 1912.....	199 identical establishments.

The data for 1907 to 1911 were secured in 1911 and the number of establishments included for the period 1907 to 1910 was not quite so large as for other years owing to the difficulty in finding establishments which had preserved complete records for those years, and also owing to the amount of work involved.

In order that data from year to year may be entirely comparable it is necessary that information be secured from identical establishments, therefore when in 1912 the number of establishments was increased to 199 the Bureau secured data for 1911 also from all establishments added, thus providing for an exact comparison of the two years 1911 and 1912.

In selecting establishments from which to secure data the Bureau undertook to represent all States in which furniture manufacturing is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures, 1905. In selecting establishments for 1912 every State having 1,500 or more employees in the industry, according to the United States Census of Manufactures in 1905, is represented. The table which follows shows by States the number of employees in this industry, as reported by the United States Census for 1910 and 1905; the total number on the pay roll in the establishments from which the Bureau secured data in 1912; and the number in the selected

occupations and for whom data were secured in 1912. Data were secured from the pay roll ending nearest May 15, or if paid only once a month, from the May pay roll, except for a very few establishments where conditions in May were particularly abnormal.

The census figures for 1910 were not available at the time the work for 1911 and 1912 was planned and therefore the establishments selected, as already stated, were distributed by States according to the census of 1905. The relative importance of the various States, as measured by the number of employees in this industry, remained practically unchanged during the five years from 1905 to 1910.

TOTAL NUMBER OF EMPLOYEES IN FURNITURE MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FROM WHICH DATA WERE SECURED IN 1912.

State.	Number of employees reported by United States Census Office.		Establishments furnishing information to the Bureau of Labor Statistics in 1912.		
	1910	1905	Number of establishments.	Number of employees—	
				On pay roll.	For whom data were secured.
New York.....	19,619	16,113	39	3,607	2,168
Michigan.....	15,171	13,260	19	4,474	2,501
Illinois.....	13,310	12,266	21	3,043	1,836
Indiana.....	10,745	9,731	22	2,704	1,467
Wisconsin.....	10,583	9,212	10	1,451	668
Ohio.....	8,019	8,420	23	1,654	1,028
Pennsylvania.....	9,733	7,847	22	2,546	1,375
Massachusetts.....	7,148	6,537	9	778	426
North Carolina.....	5,533	5,164	12	1,048	540
Missouri.....	3,368	2,713	9	645	422
Tennessee.....	2,303	2,610	5	576	268
Maryland.....	1,856	2,280	7	640	363
Georgia.....	1,394	1,528	1	93	49
Other States <sup>1</sup> .....	14,644	12,152			
Total.....	123,426	110,133	199	23,259	13,111

<sup>1</sup> Includes States having less than 1,700 each in 1910, and less than 1,500 each in 1905.

According to both the census of 1905 and the census of 1910, more than 88 per cent of the total number of employees in the industry are found in the 13 States in which the establishments furnishing information to the Bureau of Labor Statistics are located.

The number of employees in the establishments from which the Bureau secured 1912 data was equal to 18.8 per cent of the total in the industry in 1910, and the number for which the Bureau secured detailed information in 1912 was equal to 10.6 per cent of the total in the industry in 1910.

All information included in this report was secured from pay rolls of the various establishments by agents of the Bureau of Labor Statistics.

## GENERAL DESCRIPTION OF THE PRINCIPAL OCCUPATIONS.

For the latter part of the 23-year period, this report includes only data from establishments manufacturing household furniture, including bedroom, dining-room, and parlor suites, library and hall pieces, tables, chairs, etc., and in a few instances from those making office desks, tables, and chairs. During the earlier years of the period, a few establishments manufacturing interior woodwork, school furniture, etc., were included. Establishments manufacturing metallic furniture and those which make a specialty of expensive made-to-order articles have not at any time been included.

Apart from the varying character of the putput, which is influenced to some extent by local conditions as to timber and labor supply as well as by local market demands, few differences are found in furniture manufacturing establishments in different sections of the country. Much the same processes and much the same kinds of machinery are employed everywhere. A workman from a furniture factory in one of the North Atlantic or North Central States would find little difficulty in adapting himself to conditions in a similar establishment located in a South Central or South Atlantic State, and vice versa. The occupation terms and the operations embraced under such terms are practically identical in all sections.

The work of furniture making, as observed everywhere, falls roughly into three principal divisions—machine work, cabinet-making, and finishing. Upholstering forms another division of work in many establishments, while the increasing amount of veneered furniture being turned out has led to the creation of distinct veneer departments in some of the larger plants.

In the machine department the rough lumber is cut and dressed and the various parts which enter into the completed piece are fashioned. Employees in this department are classed either as machine hands or helpers, in many cases the line of demarcation between the two classes being a very vague one, since it is often the practice to gradually promote helpers to positions as machine operators as they develop sufficient skill for the work. In addition to the helpers on machines, there are usually a number of roustabouts, or common laborers, whose work consists in handling heavy materials, sweeping floors, and making themselves generally useful. Regarding the pay of machine woodworkers it has been observed that length of service with the establishment and general proficiency are usually more important factors in determining the wages of a workman than is the mere fact that he happens to be operating a particular kind of machine. For this reason a classification of machine hands according to machines operated would be of little, if any, value.

In the cabinetmaking department the pieces of furniture are assembled or set up. This is often designated as "bench work." It is

necessarily done by hand, though in some cases clamps or other devices are used for forcing joints up tight. In some lines of product, as in the manufacture of extension tables of the cheaper grades, the work of the cabinetmaker is quite simple and requires little skill, consisting merely in fitting together the parts of tops, pedestals, etc. Men engaged in this kind of work, while not cabinetmakers in the strict sense of the term, are generally so designated in the trade. In some localities the term "case fitters" is applied to men doing cabinet-work. In chair factories the duties of the chair assembler correspond in a general way to those of the cabinetmaker in case-goods establishments. This work consists in gluing and fitting together the different parts of the chair, a frame being used to hold the parts in proper shape until the glue is dry. A variety of terms, such as "framers," "stoolers," "chair makers," "drivers up," etc., is used to describe this class of workmen in different establishments. In many factories, particularly those making the heavier and more expensive grades of chairs, as at Grand Rapids, the designation cabinetmakers, instead of chair assemblers, is in common use. It should be emphasized in this connection that few all-round skilled cabinetmakers, as the term was formerly employed, are now found in furniture manufacturing establishments, the introduction of improved labor-saving machinery and the modern tendency toward specialization in industry, with the desire to effect a lowering of the cost of production, having caused such to be replaced in large measure by a cheaper type of labor.

The finishing department, as the term implies, is where the assembled piece of furniture is given its final treatment before being packed for shipment. The finishing process includes staining, filling, sanding, varnishing, and, in furniture of the better grades, rubbing and polishing. In a few establishments there has been noticed a tendency to restrict the term "finisher" to the men doing varnish work only, but in the vast majority of furniture plants it is now used to include all persons in the finishing department except those classed as "common labor." In several Wisconsin factories women and girls have been found among the workers in the varnishing room, but in other States this work is usually performed by males exclusively.

The Bureau compiles data as to nominal hours per week and rates of wages per hour for seven occupations, and brief descriptions of these occupations follow:

#### CABINETMAKERS.

These men assemble the pieces of furniture that have been cut and dressed in the machine department. Their work is necessarily done by hand and usually requires considerable skill, though in some establishments, as table factories and others making a single line of product, the work is simple and admits of much specialization. As

has already been stated, few all-round cabinetmakers, in the sense in which the term was formerly used, are found in the modern furniture factory, owing to the extent to which specialization is now carried. In a few establishments the term "bench hands" "case fitters," or "carpenters," instead of "cabinetmakers," is used.

#### CARVERS, HAND.

This occupation is being largely superseded by machine carving, though in establishments producing high-grade furniture many hand carvers are still employed. It requires a high degree of skill and some artistic ability. It consists in carving or fashioning designs in wood for ornamental purposes, as the arms and backs of chairs, the posts and headboards of beds, the feet of cabinets, panels in sideboards, etc. The work is done with highly tempered steel tools or knives. Carved work is often roughed out on the machine and finished by hand. Hand carvers usually command good wages.

#### CHAIR ASSEMBLERS.

In the manufacture of chairs the work of the chair assembler corresponds in a general way to that of the cabinetmaker in case goods. In many of the factories producing the finer grades of chairs this work is called cabinetmaking, and such employees have been so classified in this report. "Chair assembling," as applied to lower grade chairs, is an accurate description of the work done, although the term is not in common use. Most of the shaping operations on the different parts of the chair are performed in the machine department. The chair assembler, however, sometimes fits up the parts somewhat further, bores holes, and cuts mortises, the amount of work of this kind that he does depending on the extent to which division of labor is carried. Usually chair assembling is done by a group of from three to five men. When all parts of the chair have been finally shaped and fitted, the dowel pins are glued in, and the different pieces are put together and placed in a press or clamp, which drives them up tight. They remain in the press long enough for the glue to harden. In the case of flush joints the chair assembler shaves or trims the parts forming the joint until it is quite smooth. Frame makers, who may be included with chair assemblers, fit up and put together the frames for chair seats. Much of their work, as sawing, boring, mortising, etc., is done on machines.

#### FINISHERS.

The term "finisher," as used in this report, includes all classes of skilled or semiskilled workmen in the finishing department. Ordinarily the first operation in finishing is staining, which is done by dipping the piece in a vat of stain or, if the piece is large, rubbing the stain in with a brush or rag. The piece is next filled to close

up the pores. This is done by rubbing in the mineral filling with a rag. Staining and filling are usually regarded as semiskilled occupations. The work is next sanded to make it smooth. This is generally done by boys or unskilled men. It is next treated with shellac, called "first coating," and then sanded again. It is now ready for the varnisher. From one to three coats of varnish are applied, depending on the degree of "finish" desired. Between coats of varnish it is rubbed with oil or water and rotten stone, or sandpapered. Polishers or rubbers who do the final finishing are often highly skilled men and are well paid. In some establishments rubbing of flat surfaces is done by machines. The rubbing or polishing device has a rapid back-and-forth movement and may be shifted at will by the operator. It makes the work much easier than when done by hand. The above operations, with some variations, comprise the finishing work in all furniture establishments. In the treatment of chairs and tables of the cheaper grades the varnish is usually applied by dipping. Enamelters and gilders, found in a few establishments, are classed with varnishers. Grain printing, which may be considered a finishing process, is done by running the piece to be grained, if it is flat, between two rollers, one of which is made of gelatin, with its surface so prepared that it prints an imitation grain upon the part coming in contact with it. Irregular surfaces and edges are grained by being held against the roller. An inking device keeps the gelatin roller constantly inked. Usually the parts that have been grained are shellacked and allowed to dry thoroughly before being put together. Owing to the small amount of skill required, hand sanders have not been included with finishers in the present report.

#### MACHINE HANDS.

These men operate various types of power-driven machines and often shift from one machine to another, according to the exigencies of their work. The principal machines used in furniture manufacture are the boring machine, carver, dovetail, jointer or facer, molding machine, mortiser, planer, router, sander (belt or drum), saw (band, cut-off, jig, miter, rip, etc.), scraper, shaper, sticker, tenoner, and turning lathe.

A machine called the "universal woodworker," built on the plan of a planer or jointer, is used in some factories. This machine is adapted to grooving, rabbeting, crosscutting, ripping, dadoing, routing, panel raising, etc. In the collection of data on the wages and hours of labor of machine hands for inclusion in the present report, care was taken to confine the information entirely to men engaged in the actual operation of machines, helpers, learners, etc., being omitted in all cases.

## UPHOLSTERERS.

There is much specialization in this occupation at the present time, and few all-round upholsterers are now found. In many establishments the work is divided into processes, all more or less simple, in which much unskilled labor can be employed. Thus, spring setting, pad making, sewing, etc., represent distinct subdivisions of upholstering in many chair and lounge factories. The persons doing this work, usually boys or women, can not be regarded as upholsterers in the strict sense of the term and are not included as such in this report. The all-round upholsterer cuts the materials, puts in the springs and fillings, makes the tufts, and performs all the other operations of upholstering. He is usually assisted by one or more helpers. Only men of this class rank as regular upholsterers.

## VENEERERS.

The work in the veneer department includes the cutting, matching, and jointing of the veneer in order to produce the various grain or figure effects desired, the final treatment of the piece of lumber to be veneered, the spreading of the glue either by hand or by machine (usually a roller of gelatin revolving in a glue tank) on the piece, the putting on of the veneer, and the placing of the veneered piece in a press which forces the veneer down tight and drives out the air between the veneer and the solid piece, where it is left until the glue is thoroughly dried. Owing to the growing scarcity of woods and the improvement in methods of veneer cutting, this occupation is becoming a very important one in the furniture industry. Many establishments now have distinct veneering departments, employing a considerable number of men at good wages. Cutting and matching the veneer is considered highly skilled work and is usually done by a man who does nothing else. Press hands and other common laborers are not regarded as veneerers.

## EXPLANATION OF TABLES.

This report includes six general tables covering the 6-year period 1907 to 1912. Three of the general tables present data as to rates of wages per hour and three present data as to nominal hours of work per week, as follows:

Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.

Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.

Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.

Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912.

Table V.—Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912.

Table VI.—Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912.

TABLE I.—*Classified rates of wages per hour in the United States, by years, 1907 to 1912* (pp. 142 to 145).—This table summarizes the data concerning rates of wages secured from the whole number of establishments furnishing information. For each of the principal occupations, cabinetmakers, hand carvers, chair assemblers, finishers, machine hands, upholsterers, and veneerers, data are shown, as far as available, for each of the six years, 1907 to 1912.

For the majority of establishments the pay roll records were in such shape that it was possible to secure data in such detail that classified rates of wages could be shown, but for a part of the establishments included this was not possible. The first section of the table presents two groups of data for each occupation; the first group, under each occupation, includes only establishments for which data as to classified rates of wages could be secured and shows the number of employees earning each classified rate of wages per hour; the second group includes all establishments from which data were secured and shows average rates of wages per hour. The second section of the table includes the same establishments which are included in the first group of the first section and shows the per cent of employees earning each classified rate of wages per hour.

The rate of wages per hour was computed for each employee in the case of time workers, by dividing the daily or weekly rate by the number of hours per day or week; and in the case of pieceworkers and those working both as time workers and pieceworkers, by dividing the amount earned during the pay-roll period by the hours actually worked.

As previously stated comparisons from year to year can be made only between identical establishments, and data in this table are presented for identical establishments in such a way as to make possible comparisons from year to year.

The relative nominal full-time hours per week and the relative rates of wages per hour for 1907 to 1912, shown on pages 126 to 128, are computed from the averages shown in the second group of data under each occupation in the first section of this table. The method of computing the relatives can best be explained by using an illustration; thus for cabinetmakers the average nominal hours per week in 50 establishments was 56.7 in 1907 and 57.1 in the same 50 establishments in 1908. The average in 1908 (57.1) was 100.71 per cent of the average (56.7) in 1907. Bulletin No. 77 (July, 1908) shows that, for nominal hours per week for cabinetmakers, the relative

was 93.7 in 1907 (average for 1890-1899=100). The average nominal hours for 1908 were then reduced to a comparison with the base period (average for 1890-1899=100) by computing 100.71 per cent of 93.7, which is 94.4. The same method was followed in computing the relative rate of wages per hour; the average in 1908 (\$0.2295) was 97.66 per cent of the average in 1907 (\$0.2350); the relative (average for 1890-1899=100) for 1907 as shown in Bulletin No. 77 was 128.5; and 97.66 per cent of 128.5 is 125.5, or the relative rate of wages per hour in 1908 if the average for 1890-1899 is the base, or 100. In computing for this occupation the relatives for 1911 comparison was made of the data for 112 identical establishments, and in computing the relatives for 1912 comparison was made of the data from 169 identical establishments.

TABLE II.—*Classified rates of wages per hour in each year, by States, 1907 to 1912 (pp. 146 to 156).*—This table affords an easy comparison of rates of wages per hour in the several States. It shows for each of the principal occupations the number of employees earning each classified rate of wages per hour. Under each year, 1907 to 1912, or for such of these years as data are available, the data are shown for each of the States represented by any considerable number of employees. It shows for each of the principal occupations the number of employees earning each classified rate of wages per hour for the establishments whose records were in sufficient detail to permit of such classification; and it also shows average rates of wages per hour for all establishments from which information was secured, including those for which rates could be classified and those whose records would not permit of such classification.

TABLE III.—*Classified rates of wages per hour in each State, by years, 1907 to 1912 (pp. 157 to 166).*—This table affords an easy comparison of rates of wages per hour in the several years, 1907 to 1912. It shows for each of the principal occupations the number of employees earning each classified rate of wages per hour for the establishments whose records were in sufficient detail to permit of such classification; and it also shows average rates of wages per hour for all establishments from which information was secured, including those for which rates could be classified and those whose records would not permit of such classification. For each of the more important States in this industry, the data are shown for each of the six years, 1907 to 1912, or for such of those years as data are available.

TABLE IV.—*Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912 (pp. 167 and 168).*—This table summarizes the data concerning nominal hours of work per week secured from the whole number of establishments furnishing information. For each of the principal occupations—cabinetmakers, hand carvers, chair assemblers, finishers, machine hands, upholsterers, and

veneerers—data are shown, as far as available, for each of the six years, 1907 to 1912. By nominal full-time hours per week is meant full time not excluding time shut down owing to temporary depressions or other cause temporary in nature.

The table is divided into two sections, the first section showing the number and the second the per cent of employees under each classified number of nominal full-time working hours per week. In addition to showing classified nominal full-time hours, the table shows number of establishments from which data were secured, number of employees, and average nominal full-time hours per week.

In using this table, comparisons from year to year should be made of identical establishments. The data are so arranged that such comparisons are easily made.

TABLE V.—*Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912 (pp. 169 to 173).*—This table affords an easy comparison of nominal hours of work per week in the several States. It shows for each of the principal occupations the number of employees under each classified number of nominal full-time working hours per week. Under each year, 1907 to 1912, or for such of those years as data are available, the data are shown for each of the States represented by any considerable number of employees. In addition to classified nominal full-time hours, average nominal full-time hours per week are shown.

TABLE VI.—*Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912 (pp. 174 to 178).*—This table affords an easy comparison of nominal hours of work per week in the several years, 1907 to 1912. It shows for each of the principal occupations the number of employees under each classified number of nominal full-time working hours per week. For each of the more important States in this industry, the data are shown for each of the six years, 1907 to 1912, or for such of those years as data are available. In addition to classified nominal full-time hours, average nominal full-time hours per week are shown.

The general tables follow.

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

NUMBER.

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Continued.

## NUMBER—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.									
					8 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under
FINISHERS, MALE.														
Establishments showing complete data:														
41 establishments.	1907	1,056	57.1	\$0.1957	24	100	126	179	143	311	124	49	—	—
	1908	786	57.2	.2003	20	44	98	139	92	249	106	38	—	—
	1909	968	57.0	.1933	36	81	134	159	115	282	116	45	—	—
	1910	992	57.0	.1984	52	65	108	160	133	284	121	69	—	—
102 establishments.	1910	2,598	58.3	.1901	104	172	335	482	478	732	214	81	—	—
	1911	2,724	57.7	.1936	93	159	319	515	460	835	230	111	2	—
150 establishments.	1911	3,614	58.4	.1880	139	207	566	743	582	1,061	229	86	1	—
	1912	3,521	57.8	.1932	124	173	446	679	529	1,170	296	104	—	—
All establishments reported:	1907	1,217	57.3	.1966	—	—	—	—	—	—	—	—	—	—
52 establishments.	1908	927	57.5	.2007	—	—	—	—	—	—	—	—	—	—
	1909	1,127	57.3	.1949	—	—	—	—	—	—	—	—	—	—
	1910	1,164	57.3	.1959	—	—	—	—	—	—	—	—	—	—
128 establishments.	1910	3,132	58.5	.1981	—	—	—	—	—	—	—	—	—	—
	1911	3,206	58.0	.1978	—	—	—	—	—	—	—	—	—	—
192 establishments.	1911	4,407	58.5	.1937	—	—	—	—	—	—	—	—	—	—
	1912	4,357	58.1	.1995	—	—	—	—	—	—	—	—	—	—
MACHINE HANDS, MALE.														
Establishments showing complete data:														
40 establishments.	1907	1,066	57.9	.2147	19	45	97	161	92	356	195	89	10	2
	1908	817	57.8	.2160	28	39	69	104	69	272	147	80	9	—
	1909	912	57.7	.2173	19	54	75	110	77	309	162	96	9	1
	1910	994	57.7	.2231	14	50	83	101	75	325	216	117	13	—
96 establishments.	1910	2,508	58.5	.2102	39	150	242	340	197	895	453	178	14	—
	1911	2,467	58.0	.2142	27	127	239	339	191	839	500	188	15	2
167 establishments.	1911	4,196	58.7	.2089	47	219	447	640	331	1,463	797	234	16	2
	1912	4,148	58.3	.2151	23	194	384	597	351	1,399	878	297	23	2
All establishments reported:	1907	1,347	58.2	.2114	—	—	—	—	—	—	—	—	—	—
51 establishments.	1908	1,047	58.1	.2116	—	—	—	—	—	—	—	—	—	—
	1909	1,153	57.9	.2138	—	—	—	—	—	—	—	—	—	—
	1910	1,239	57.4	.2189	—	—	—	—	—	—	—	—	—	—
121 establishments.	1910	3,151	58.7	.2118	—	—	—	—	—	—	—	—	—	—
	1911	3,107	58.3	.2161	—	—	—	—	—	—	—	—	—	—
192 establishments.	1911	4,855	58.8	.2108	—	—	—	—	—	—	—	—	—	—
	1912	4,797	58.4	.2164	—	—	—	—	—	—	—	—	—	—
UPHOLSTERERS, MALE.														
Establishments showing complete data:														
15 establishments.	1907	336	53.0	.3082	—	3	8	7	57	107	119	18	17	—
	1908	271	53.0	.3029	—	11	7	5	34	75	113	19	7	—
	1909	272	53.2	.2996	—	1	7	14	27	86	114	16	7	—
	1910	279	53.4	.3172	—	1	4	8	39	74	108	38	7	—
32 establishments.	1910	433	55.0	.2989	2	7	6	8	15	65	123	161	39	7
	1911	454	54.5	.3157	—	2	6	7	8	51	131	176	62	10
35 establishments.	1911	384	55.6	.3054	—	5	6	4	9	49	110	159	32	10
	1912	394	54.7	.3164	—	2	2	9	9	51	101	153	59	8

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Continued.

## NUMBER—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.									
					8 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under
					cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
UPHOLSTERERS, MALE—concluded.														
All establishments reported:														
19 establishments.....	{ 1907	383	53.6	\$0.3004										
	1908	310	53.5	.2976										
	1909	307	53.8	.2962										
	1910	325	53.8	.3110										
38 establishments.....	{ 1910	501	55.0	.2971										
	1911	518	54.7	.3123										
49 establishments.....	{ 1911	558	55.8	.2996										
	1912	552	55.5	.3068										
VENEERERS, MALE.														
Establishments showing complete data:														
44 establishments.....	{ 1910	289	58.7	.1973	2	18	26	55	35	124	20	9		
	1911	267	58.2	.2002		15	24	52	31	107	30	8		
79 establishments.....	{ 1911	359	58.5	.2066		13	30	61	39	158	56	12		
	1912	343	58.0	.2181			15	48	32	165	65	18		
All establishments reported:														
58 establishments.....	{ 1910	333	58.9	.1999										
	1911	317	58.4	.2024										
94 establishments.....	{ 1911	430	58.7	.2063										
	1912	407	58.3	.2190										

## PER CENT.

Cabinetmakers, male:																
40 establishments.....	{ 1907	783	56.3	\$0.2357	2.2	3.6	5.4	8.3	7.7	36.9	16.9	15.2	4.0			
	1908	542	56.7	.2314	2.6	3.7	7.9	11.8	5.4	33.6	15.3	15.5	4.2			
	1909	674	56.5	.2297	1.5	4.6	6.1	8.6	7.3	37.5	17.2	14.5	2.7			
	1910	756	56.4	.2392	4.4	4.2	7.7	8.2	6.3	33.5	20.5	13.0	6.2			
88 establishments.....	{ 1910	1,509	57.7	.2277	.6	6.3	7.0	8.9	6.4	38.0	19.5	10.1	3.2			
	1911	1,518	57.3	.2303	.8	4.1	8.0	8.8	4.3	39.4	21.1	10.0	3.5			
120 establishments.....	{ 1911	1,804	57.8	.2305	.7	4.1	9.6	10.8	5.4	37.3	20.6	8.5	3.0			
	1912	1,781	57.7	.2291	.2	2.7	8.4	10.6	5.5	37.0	24.9	8.8	2.0			
Carvers, hand, male:																
22 establishments.....	{ 1907	155	53.7	.3176			1.3	1.3	1.9	9.0	21.3	48.4	12.3	4.5		
	1908	113	53.8	.3203				.9	1.8	8.8	29.2	38.9	11.5	7.1		
	1909	138	52.4	.3311					1.4	1.4	9.4	21.7	43.5	18.1	4.3	
	1910	136	52.1	.3420					2.2		8.1	18.4	50.0	14.7	6.6	
53 establishments.....	{ 1910	277	55.6	.3190					1.1	1.4	12.6	16.6	56.7	8.3	3.2	
	1911	304	54.9	.3292					.7	2.0	12.8	13.8	53.3	10.2	7.2	
58 establishments.....	{ 1911	306	55.8	.3207					.7	1.3	.7	12.7	16.7	55.6	5.2	7.1
	1912	277	55.8	.3217					.7	.4	.7	9.7	22.0	56.3	5.4	5.4
Chair assemblers, male:																
5 establishments.....	{ 1910	140	59.6	.1826	.7	7.9	23.6	26.4	9.3	20.7	10.0	1.4				
	1911	125	58.0	.1940			6.4	11.2	25.6	10.4	31.2	13.6	1.6			
13 establishments.....	{ 1911	201	58.3	.1962	1.5	10.0	13.4	16.9	8.5	30.3	15.9	3.5				
	1912	213	57.8	.2034	2.3	7.5	10.8	14.1	15.5	28.2	21.4	6.1	.9			

TABLE I.—CLASSIFIED RATES OF WAGES PER HOUR IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Concluded.

## PER CENT—Concluded.

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ployees.	Aver- age nomi- nal full- time hours per week <sup>1</sup>	Aver- age rate of wages per hour.	Employees earning each classified rate of wages per hour.										
					8 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 70 cts.	
Finishers, male:															
41 establishments	1907	1,056	57.1	\$0.1957	2.3	9.5	11.9	17.0	13.5	29.5	11.7	4.6	—	—	
	1908	786	57.2	.2003	2.5	5.6	12.5	17.7	11.7	31.7	13.5	4.8	—	—	
	1909	968	57.0	.1933	3.7	8.4	13.8	16.4	11.9	29.1	12.0	4.6	—	—	
	1910	992	57.0	.1984	5.2	6.6	10.9	16.1	13.4	28.6	12.2	7.0	—	—	
102 establishments	1910	2,598	58.3	.1901	4.0	6.6	12.9	18.6	18.4	28.2	8.2	3.1	—	—	
	1911	2,724	57.7	.1936	3.4	5.8	11.7	18.9	16.9	30.7	8.4	4.1	.1	—	
150 establishments	1911	3,614	58.4	.1880	3.8	5.7	15.7	20.6	16.1	29.4	6.3	2.4	(1)	—	
	1912	3,521	57.8	.1932	3.5	4.9	12.7	19.3	15.0	33.2	8.4	3.0	—	—	
Machine hands, male:															
40 establishments	1907	1,066	57.9	.2147	1.8	4.2	9.1	15.1	8.6	33.4	18.3	8.3	.9	—	
	1908	817	57.8	.2160	3.4	4.8	8.4	12.7	8.4	33.3	18.0	9.8	1.1	—	
	1909	912	57.7	.2173	2.1	5.9	8.2	12.1	8.4	33.9	17.8	10.5	1.0	.1	
	1910	994	57.7	.2231	1.4	5.0	8.4	10.2	7.5	32.7	21.7	11.8	1.3	—	
96 establishments	1910	2,508	58.5	.2102	1.6	6.0	9.6	13.6	7.9	35.7	18.1	7.1	.6	—	
	1911	2,467	58.0	.2142	1.1	5.1	9.7	13.7	7.7	34.0	20.3	7.6	.6	.1	
167 establishments	1911	4,196	58.7	.2089	1.1	5.2	10.7	15.3	7.9	34.9	19.0	5.6	.4	(1)	
	1912	4,148	58.3	.2151	.6	4.7	9.3	14.4	8.5	33.7	21.2	7.2	.6	(1)	
Upholsterers, male:															
15 establishments	1907	336	53.0	.3082	—	—	—	9	2.4	2.1	17.0	31.8	35.4	5.4	5.1
	1908	271	53.0	.3029	—	—	—	4.1	2.6	1.8	12.5	27.7	41.7	7.0	2.6
	1909	272	53.2	.2996	—	—	—	4	2.6	5.1	9.9	31.6	41.9	5.9	2.6
	1910	279	53.4	.3172	—	—	—	4	1.4	2.9	14.0	26.5	38.7	13.6	2.5
32 establishments	1910	433	55.0	.2989	.5	1.6	1.4	1.8	3.5	15.0	28.4	37.2	9.0	1.6	—
	1911	454	54.5	.3157	—	4	1.3	1.5	1.8	11.2	28.9	38.8	13.7	2.2	—
35 establishments	1911	384	55.6	.3054	—	1.3	1.6	1.0	2.3	12.8	28.6	41.4	8.3	2.6	—
	1912	394	54.7	.3164	—	5	.5	2.3	2.3	12.9	25.6	38.8	15.0	2.0	—
Veneerers, male:															
44 establishments	1910	289	58.7	.1973	.7	6.2	9.0	19.0	12.1	42.9	6.9	3.1	—	—	
	1911	267	58.2	.2002	—	5.6	9.0	19.5	11.6	40.1	11.2	3.0	—	—	
79 establishments	1911	369	58.5	.2066	—	3.5	8.1	16.5	10.6	42.8	15.2	3.3	—	—	
	1912	343	58.0	.2181	—	4.4	14.0	9.3	48.1	19.0	5.2	—	—	—	

<sup>1</sup> Less than one-tenth of 1 per cent.

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912.

## CABINETMAKERS: Male.

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**CABINETMAKERS: Male—Continued.**

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**CABINETMAKERS: Male—Concluded.**

**CARVERS, HAND: Male.**

1911.									
Illinois:									
Establishments showing complete data.....	7	56	54.5	\$0.3117	.....				
All establishments reported	17	87	56.4	.2971	.....				
Indiana:									
Establishments showing complete data.....	3	3	58.7	.3256	.....				3
All establishments reported	5	6	59.0	.3100	.....				
Massachusetts.....	4	40	44.6	.4675	.....			1	9
Michigan.....	13	100	58.1	.3175	.....			3	8
New York:									
Establishments showing complete data.....	15	72	58.3	.2745	.....	1	2	1	30
All establishments reported	19	88	58.2	.2731	.....				
Ohio.....	4	7	59.6	.2637	.....			3	1
Pennsylvania:									
Establishments showing complete data.....	9	18	58.4	.2725	.....	1	1	3	1
All establishments reported	11	29	57.2	.2672	.....			6	
Wisconsin.....	2	8	58.4	.2854	.....		1	4	1
Other States.....	1	2	59.5	.2227	.....	1		1	
Total establishments showing complete data.....	58	306	55.8	.3207	.....	2	4	2	22
Total establishments reported	76	367	56.2	.3120	.....				



TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**FINISHERS: Male.**

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## FINISHERS: Male—Continued.

Year and State.	Number of establish- ments.	Number of em- ployees.	Av- erage nomi- nal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 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 70 cts.
<b>1910.</b>														
New York:														
Establishments showing complete data.....	23	532	59.7	\$0.2004	4	46	81	65	51	188	91	6		
All establishments reported	24	549	59.7	.1996										
North Carolina.....	7	102	59.9	.1999	55	27	19	1						
Pennsylvania.....	5	134	56.6	.1979	3	8	24	17	16	31	29	6		
Wisconsin.....	9	162	59.3	.1871	1	14	24	37	27	49	3	7		
Other States.....	17	263	59.4	.1607	38	44	50	53	37	35	5	1		
Total establishments showing complete data.....	102	2,598	58.3	.1901	104	172	335	482	478	732	214	81		
Total establishments reported.....	128	3,132	58.5	.1981										
<b>1911.</b>														
Illinois:														
Establishments showing complete data.....	9	263	55.4	.2167										
All establishments reported	21	605	57.9	.2290										
Indiana:														
Establishments showing complete data.....	7	222	59.8	.1910										
All establishments reported	22	416	59.4	.1944										
Maryland.....	7	138	59.7	.1601	10	13	43	36	22	14				
Massachusetts.....	9	107	52.1	.2902		2	13	14	1	17	22	38		
Michigan:														
Establishments showing complete data.....	18	1,064	57.7	.1868										
All establishments reported	19	1,068	57.7	.1868										
Missouri:														
Establishments showing complete data.....	7	97	60.0	.1874										
All establishments reported	9	125	60.0	.1887										
New York:														
Establishments showing complete data.....	28	606	59.0	.2047	5	35	77	75	74	240	81	19		
All establishments reported	36	726	59.0	.2063										
North Carolina.....	11	175	59.9	.1214	89	47	29	10						
Ohio:														
Establishments showing complete data.....	21	310	59.2	.1843										
All establishments reported	23	373	59.3	.1866										
Pennsylvania:														
Establishments showing complete data.....	18	350	58.9	.1749	7	29	96	84	44	76	12	2		
All establishments reported	19	382	58.8	.1804										
Tennessee.....	5	78	59.5	.1450	17	23	15	11	6	4	2			
Wisconsin:														
Establishments showing complete data.....	9	181	59.4	.1755	4	14	32	58	28	44	1			
All establishments reported	10	191	59.4	.1788										
Other States.....	1	23	60.0	.1360	7	5	7	4						
Total establishments showing complete data.....	150	3,614	58.4	.1880	139	207	566	743	582	1,061	229	86	1	...
Total establishments reported.....	192	4,407	58.5	.1937										
<b>1912.</b>														
Illinois:														
Establishments showing complete data.....	9	250	56.2	.2180										
All establishments reported	21	619	58.4	.2337										
Indiana:														
Establishments showing complete data.....	7	210	58.7	.2110										
All establishments reported	22	409	58.6	.2071										
Maryland.....	7	133	58.8	.1665	10	10	40	26	19	25	3			
Massachusetts.....	9	115	52.5	.2534	1	13	18	4	14	22	43			

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**FINISHERS: Male**—Concluded.

**MACHINE HANDS: Male.**

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## MACHINE HANDS: Male—Continued.

Year and State.	Number of establish- ments.	Number of em- ployees.	Av- erage nomi- nal full- time hours per week.	Av- erage rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 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 70 cts.
<b>1909.</b>														
Illinois:														
Establishments showing complete data.....	5	113	54.1	\$0.2564				3	7	10	22	42	29	
All establishments reported	6	134	55.0	.2535										
Indiana:														
Establishments showing complete data.....	2	90	59.6	.2059				12	8	8	50	9	3	
All establishments reported	12	310	59.0	.1996										
Michigan.....	5	193	56.9	.2196				6	26	23	84	45	9	
Other States.....	28	516	58.4	.2098	19	54	54	69	36	153	66	55	9	1
Total establishments showing complete data.....	40	912	57.7	.2173	19	54	75	110	77	309	162	96	9	1
Total establishments reported.....	51	1,153	57.9	.2138										
<b>1910.</b>														
Illinois:														
Establishments showing complete data.....	7	153	54.9	.2667				6	5	7	31	52	50	2
All establishments reported	16	452	58.2	.2483										
Indiana:														
Establishments showing complete data.....	6	185	60.1	.1939				17	23	33	13	77	19	3
All establishments reported	20	512	59.3	.1976										
Massachusetts.....	7	128	55.2	.2396				2	12	24	8	33	15	25
Michigan:														
Establishments showing complete data.....	18	672	58.0	.2284				2	10	69	39	307	196	48
All establishments reported	19	676	58.0	.2283										
New York:														
Establishments showing complete data.....	23	510	59.7	.2121	5	18	39	55	43	222	103	24	1	
All establishments reported	24	523	59.6	.2121										
North Carolina.....	7	158	59.8	.1478	19	59	31	24	10	12	2	1		
Pennsylvania.....	5	129	56.8	.2294				3	9	10	16	41	30	19
Wisconsin.....	8	291	59.4	.1775	7	27	70	69	33	68	15	2		
Other States.....	15	282	59.3	.1901	8	22	42	51	28	104	21	6		
Total establishments showing complete data.....	96	2,508	58.5	.2102	39	150	242	340	197	895	453	178	14	
Total establishments reported.....	121	3,151	58.7	.2118										
<b>1911.</b>														
Illinois:														
Establishments showing complete data.....	10	220	56.9	.2647				2	10	8	52	87	59	2
All establishments reported	19	510	58.6	.2531										
Indiana:														
Establishments showing complete data.....	9	377	59.5	.2081				4	33	58	34	179	56	13
All establishments reported	22	688	59.2	.2064										
Maryland.....	7	158	59.6	.1753				18	49	37	11	29	10	4
Massachusetts.....	9	160	54.3	.2536				2	10	21	10	39	31	35
Michigan:														
Establishments showing complete data.....	18	728	57.4	.2301				15	76	38	321	226	49	2
All establishments reported	19	734	57.4	.2300										
Missouri.....	9	203	59.6	.2139				10	37	18	92	41	5	
New York:														
Establishments showing complete data.....	35	695	59.1	.2137				13	62	83	77	277	164	19
All establishments reported	37	747	59.1	.2139										
North Carolina.....	12	276	59.9	.1443	39	96	70	38	12	18	3			
Ohio.....	21	370	59.5	.2083				18	26	58	30	160	67	11
Pennsylvania.....	22	544	58.8	.2041	1	23	69	106	52	184	77	31	1	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**MACHINE HANDS: Male—Concluded.**

#### UPHOLSTERS: Male.

1911.									
Illinois:									
Establishments showing complete data.....	7	149	53.6	\$0.3199				2	15
All establishments reported	8	203	53.7	.3094				44	72
Indiana.....	5	48	57.1	.2715					16
Massachusetts.....	3	16	50.0	.3919					13
Michigan:									
Establishments showing complete data.....	6	52	59.4	.2805				10	15
All establishments reported	7	66	58.3	.2932				26	1
New York:									
Establishments showing complete data.....	6	40	55.2	.3822				1	1
All establishments reported	10	78	56.5	.3489				4	20
Ohio:									
Establishments showing complete data.....	3	25	57.1	.2675				5	15
All establishments reported	5	40	57.3	.2624				5	

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Continued.

**UPHOLSTERERS: Male—Concluded.**

**VENEERERS: Male.**

1911.									
Illinois:	Establishments showing complete data.....	6	15	59.3	\$0.2224	.....	2	1	.....
All establishments reported		15	52	59.8	.2204	.....			6 5 1
Indiana:	Establishments showing complete data.....	7	36	59.8	.1950	.....	7	8	3
All establishments reported		12	49	59.6	.1956	.....			12 5 1
Massachusetts	.....	2	2	55.0	.2350	.....			1 1
Michigan	.....	14	148	57.4	.2177	1	20	17	84 22 4
Missouri	.....	3	6	60.0	.2403	.....			3 3
New York	.....	18	49	58.6	.2161	1	4	10	23 10 1
Ohio	.....	9	37	59.3	.2029	.....	7	2	4 18 5 1
Pennsylvania	.....	10	40	59.4	.1871	.....	8	15	4 8 3 2
Tennessee	.....	4	16	59.7	.1550	.....	8	1	4 1 1 1

TABLE II.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH YEAR,  
BY STATES, 1907 TO 1912—Concluded.

**VENEERERS:** Male—Concluded.

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## CABINETMAKERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.													
					8 and under cts.	12 and under cts.	14 and under cts.	16 and under cts.	18 and under cts.	20 and under cts.	25 and under cts.	30 and under cts.	40 and under cts.	50 and under cts.				
ILLINOIS.																		
Establishments showing complete data:																		
5 establishments.....	1907	157	53.7	\$0.2531	2	15	13	33	55	38	1	...	...	...				
	1908	105	53.5	.2678	1	6	3	20	37	37	1	...	...	...				
	1909	124	53.7	.2629	1	9	3	20	57	33	1	...	...	...				
	1910	136	54.2	.2613	11	7	24	56	38	...	...	...	...	...				
7 establishments.....	1910	166	53.9	.2720	11	7	24	65	58	1	...	...	...	...				
	1911	127	54.7	.2716	10	3	27	37	47	3	...	...	...	...				
7 establishments.....	1911	123	54.5	.2733	10	3	20	40	47	3	...	...	...	...				
All establishments reported:	1912	116	55.5	.2767	5	5	24	37	43	2	...	...	...	...				
6 establishments.....	1907	174	54.3	.2523	...	...	...	...	...	...	...	...	...	...				
	1908	122	54.4	.2631	...	...	...	...	...	...	...	...	...	...				
	1909	140	54.4	.2601	...	...	...	...	...	...	...	...	...	...				
	1910	151	54.8	.2590	...	...	...	...	...	...	...	...	...	...				
16 establishments.....	1910	306	56.6	.2744	...	...	...	...	...	...	...	...	...	...				
	1911	276	57.5	.2694	...	...	...	...	...	...	...	...	...	...				
19 establishments.....	1911	326	57.8	.2690	...	...	...	...	...	...	...	...	...	...				
	1912	342	58.5	.2677	...	...	...	...	...	...	...	...	...	...				
INDIANA.																		
Establishments showing complete data:																		
2 establishments.....	1907	39	60.0	.2075	2	2	5	26	4	...	...	...	...	...				
	1908	39	60.0	.2113	2	4	2	28	3	...	...	...	...	...				
	1909	61	59.7	.2026	5	5	7	40	4	...	...	...	...	...				
	1910	63	59.6	.2057	2	4	9	45	3	...	...	...	...	...				
6 establishments.....	1910	115	59.9	.1891	29	8	4	9	53	11	1	...	...	...				
	1911	98	59.6	.2007	6	27	2	4	37	19	3	...	...	...				
4 establishments.....	1911	78	59.3	.2320	1	3	1	4	41	21	7	...	...	...				
All establishments reported:	1912	84	59.1	.2243	2	4	11	5	35	18	9	...	...	...				
11 establishments.....	1907	129	59.5	.2207	...	...	...	...	...	...	...	...	...	...				
	1908	112	59.5	.2125	...	...	...	...	...	...	...	...	...	...				
	1909	142	59.4	.2073	...	...	...	...	...	...	...	...	...	...				
	1910	154	59.2	.2158	...	...	...	...	...	...	...	...	...	...				
19 establishments.....	1910	243	59.4	.2068	...	...	...	...	...	...	...	...	...	...				
	1911	239	59.4	.2132	...	...	...	...	...	...	...	...	...	...				
21 establishments.....	1911	298	59.4	.2272	...	...	...	...	...	...	...	...	...	...				
	1912	276	58.9	.2251	...	...	...	...	...	...	...	...	...	...				
MARYLAND.																		
Establishments showing complete data:																		
4 establishments.....	1911	49	59.7	.1740	3	15	14	1	14	2	...	...	...	...				
All establishments reported:	1912	50	58.3	.1785	3	12	18	2	14	1	...	...	...	...				
5 establishments.....	1911	60	59.8	.1803	...	...	...	...	...	...	...	...	...	...				
	1912	61	58.6	.1860	...	...	...	...	...	...	...	...	...	...				
MASSACHUSETTS.																		
6 establishments.....	1910	103	49.1	.3588	2	...	...	5	12	38	46	...	...	...				
	1911	106	49.2	.3646	3	...	...	8	7	39	49	...	...	...				
7 establishments.....	1911	128	49.6	.3516	3	4	14	12	45	50	...	...	...	...				
	1912	99	50.0	.3473	1	1	7	17	42	31	...	...	...	...				

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE,  
BY YEARS, 1907 TO 1912—Continued.

**CABINETMAKERS: Male—Continued.**

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE,  
BY YEARS, 1907 TO 1912—Continued.

**CABINETMAKERS:** Male—Concluded.

**CARVERS, HAND: Male.**

ILLINOIS.									
Establishments showing complete data:									
7 establishments	1911	56	54.5	\$0.3117					
	1912	47	55.0	.3297					
All establishments reported:									
17 establishments	1911	87	56.4	.2971					
	1912	79	57.0	.3116					
INDIANA.									
Establishments showing complete data:									
3 establishments	1911	3	58.7	.3256					
	1912	3	58.7	.3275					
All establishments reported:									
5 establishments	1911	6	59.0	.3100					
	1912	7	58.9	.2987					
MASSACHUSETTS.									
4 establishments	1911	40	44.6	.4675					
	1912	27	44.8	.4657					
MICHIGAN.									
13 establishments	1911	100	58.1	.3175					
	1912	100	57.9	.3125					
NEW YORK.									
Establishments showing complete data:									
15 establishments	1911	72	58.3	.2745					
	1912	61	55.9	.2949					
All establishments reported:									
19 establishments	1911	88	58.2	.2731					
	1912	76	56.2	.2939					

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE,  
BY YEARS, 1907 TO 1912—Continued.

**CARVERS, HAND: Male—Concluded.**

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 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 70 cts.
OHIO.														
4 establishments.....	{ 1911	7	59.6	\$0.2637							3	3	1	
	{ 1912	7	59.4	.2452					1		3	2	1	
PENNSYLVANIA.														
Establishments showing complete data:														
9 establishments.....	{ 1911	18	58.4	.2725				1	1		3	6	6	1
	{ 1912	24	57.7	.2819				1	1		2	14	6	1
All establishments reported:														
11 establishments.....	{ 1911	29	57.2	.2672										
	{ 1912	30	57.1	.2794										
WISCONSIN.														
2 establishments.....	{ 1911	8	58.4	.2854						1	1	4	1	1
	{ 1912	7	59.9	.3024						1	4	1	1	1

**CHAIR ASSEMBLERS: Male.**

MASSACHUSETTS.											
2 establishments .....	{ 1911	20	56.8	\$0.2338	-----	-----	4	-----	5	8	3
	{ 1912	19	56.6	.2532	-----	-----	1	2	7	4	2
MICHIGAN.											
3 establishments .....	{ 1911	100	57.3	.2032	-----	6	7	25	8	34	17
	{ 1912	117	57.3	.2114	-----	6	25	24	36	19	3
NEW YORK.											
2 establishments .....	{ 1911	22	60.0	.2222	-----	1	1	2	1	9	7
	{ 1912	19	55.8	.2375	1	-----	1	1	5	8	3
NORTH CAROLINA.											
2 establishments .....	{ 1911	15	60.0	.1310	3	7	5	-----	-----	-----	-----
	{ 1912	15	60.0	.1259	3	10	2	-----	-----	-----	-----
OHIO.											
3 establishments .....	{ 1911	20	60.0	.1623	-----	5	8	-----	1	6	-----
	{ 1912	20	59.7	.1631	1	4	8	-----	1	6	-----

**FINISHERS: Male.**

ILLINOIS.										
Establishments showing complete data:										
7 establishments.....	1907	266	54.5	\$0.2218	.....	18	14	36	121	70
	1908	182	54.9	.2239	.....	6	20	23	74	50
	1909	225	54.9	.2163	.....	2	11	26	36	93
	1910	238	54.9	.2244	.....	4	24	48	81	61
9 establishments.....	1910	275	55.5	.2809	1.....	8	28	55	101	62
	1911	264	55.5	.2198	.....	2	9	34	42	96
9 establishments.....	1911	263	55.4	.2167	.....	3	10	35	43	98
All establishments reported:	1912	250	56.2	.2180	.....	19	25	43	98	63
8 establishments.....	1907	295	55.0	.2211	.....					
	1908	213	55.6	.2217	.....					
	1909	258	55.5	.2155	.....					
	1910	269	55.5	.2247	.....					
18 establishments.....	1910	583	57.8	.2305	.....					
	1911	531	57.7	.2295	.....					
21 establishments.....	1911	605	57.9	.2290	.....					
	1912	619	58.4	.2337	.....					

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

## FINISHERS: Male—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under
INDIANA.														
Establishments showing complete data:														
2 establishments	1907	61	60.0	\$0.1786	9	3	12	15	22					
	1908	60	60.0	.1807	4	8	11	13	23	1				
	1909	66	59.7	.1777	5	11	15	11	23	1				
	1910	63	59.8	.1804	16	11	11	24	1					
6 establishments	1910	128	60.1	.1809	2	13	26	19	12	52	4			
	1911	124	60.0	.1908	1	10	28	13	3	55	14			
7 establishments	1911	222	59.8	.1910	6	53	41	24	71	25	1	1		
	1912	210	58.7	.2110	3	22	34	28	76	33	14			
All establishments reported:														
12 establishments	1907	193	59.3	.1932										
	1908	170	59.2	.1941										
	1909	192	59.0	.1948										
	1910	204	59.0	.1995										
20 establishments	1910	328	59.3	.1918										
	1911	308	59.3	.1970										
22 establishments	1911	416	59.4	.1944										
	1912	409	58.6	.2071										
MARYLAND.														
7 establishments	1911	138	59.7	.1601	10	13	43	36	22	14	3			
	1912	133	58.8	.1665	10	10	40	26	19	25				
MASSACHUSETTS.														
Establishments showing complete data:														
8 establishments	1910	81	51.4	.2680	2	4	6	2	17	9	41			
	1911	88	51.8	.2660	1	5	10	1	23	8	40			
9 establishments	1911	107	52.1	.2902	2	13	14	1	17	22	38			
	1912	115	52.5	.2534	1	13	18	4	14	22	43			
All establishments reported:														
9 establishments	1910	85	51.6	.2666										
	1911	93	52.0	.2645										
MICHIGAN.														
Establishments showing complete data:														
4 establishments	1907	182	57.5	.1818	11	21	67	27	50	6				
	1908	121	57.3	.1854	3	21	40	17	39	7				
	1909	137	56.4	.1801	8	16	45	18	48	2				
	1910	172	56.4	.1937	8	9	51	23	78	3				
18 establishments	1910	921	58.3	.1850	18	99	256	278	259	11				
	1911	969	57.5	.1868	15	94	258	261	326	15				
18 establishments	1911	1,064	57.7	.1868	15	101	294	277	362	15				
	1912	983	57.5	.1959	52	226	221	453	34					
All establishments reported:														
19 establishments	1910	926	58.3	.1850										
	1911	973	57.5	.1868										
19 establishments	1911	1,068	57.7	.1868										
	1912	986	57.5	.1960										
MISSOURI.														
Establishments showing complete data:														
7 establishments	1911	97	60.0	.1874	4	24	17	7	40	4	1			
	1912	96	60.0	.1929	4	18	20	7	38	8	1			
All establishments reported:														
9 establishments	1911	125	60.0	.1887										
	1912	126	60.0	.1939										

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

**FINISHERS:** Male—Concluded.

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

## MACHINE HANDS: Male.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 and under	12 and under	14 and under	16 and under	18 and under	20 and under	25 and under	30 and under	40 and under	50 and under
					12 cts.	14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	40 cts.	50 cts.	70 cts.
ILLINOIS.														
Establishments showing complete data:														
5 establishments	1907	129	53.9	\$0.2615	.....	.....	9	5	29	57	28	1	...	
	1908	91	53.8	.2645	.....	.....	4	7	19	38	23	...		
	1909	113	54.1	.2564	.....	.....	3	7	10	22	42	29	...	
	1910	129	54.4	.2687	.....	.....	6	3	6	22	48	42	2	
7 establishments	1910	153	54.9	.2667	.....	.....	6	5	7	31	52	50	2	...
	1911	135	55.4	.2726	.....	.....	3	4	4	28	45	49	2	
10 establishments	1911	220	56.9	.2647	.....	.....	2	10	8	52	87	59	2	...
All establishments reported:	1912	219	57.9	.2591	.....	.....	1	13	6	68	80	47	4	
6 establishments	1907	152	54.9	.2581	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1908	112	54.9	.2595	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1909	134	55.0	.2535	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1910	147	55.1	.2657	.....	.....	.....	.....	.....	.....	.....	.....	.....	
16 establishments	1910	452	58.2	.2483	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1911	425	58.4	.2533	.....	.....	.....	.....	.....	.....	.....	.....	.....	
19 establishments	1911	510	58.6	.2531	.....	.....	.....	.....	.....	.....	.....	.....	.....	
All establishments reported:	1912	518	59.1	.2515	.....	.....	.....	.....	.....	.....	.....	.....	.....	
INDIANA.														
Establishments showing complete data:														
2 establishments	1907	86	60.0	.2032	.....	.....	7	15	8	49	5	2	...	
	1908	75	60.0	.2053	.....	.....	5	18	5	38	6	3	...	
	1909	90	59.6	.2059	.....	.....	12	8	8	50	9	3	...	
	1910	79	59.5	.2092	.....	1	7	6	7	46	9	3	...	
6 establishments	1910	185	60.1	.1939	.....	17	23	33	13	77	19	3	...	
	1911	185	60.0	.1986	1	17	15	39	7	79	21	6	...	
9 establishments	1911	377	59.5	.2081	.....	4	33	58	34	179	56	13	...	
All establishments reported:	1912	387	58.8	.2150	.....	17	59	37	191	61	21	...	1	
12 establishments	1907	344	59.4	.1970	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1908	284	59.1	.1953	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1909	310	59.0	.1996	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1910	306	58.8	.2014	.....	.....	.....	.....	.....	.....	.....	.....	.....	
20 establishments	1910	512	59.3	.1976	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1911	513	59.3	.2024	.....	.....	.....	.....	.....	.....	.....	.....	.....	
22 establishments	1911	688	59.2	.2064	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	1912	679	58.8	.2102	.....	.....	.....	.....	.....	.....	.....	.....	.....	
MARYLAND.														
7 establishments	1911	158	59.6	.1753	1	18	49	37	11	29	10	4	...	
	1912	156	59.0	.1822	1	13	38	48	8	30	14	4	...	
MASSACHUSETTS.														
7 establishments	1910	128	55.2	.2396	.....	2	12	24	8	33	15	25	9	...
	1911	126	55.0	.2486	.....	2	10	21	7	31	16	28	10	1
9 establishments	1911	160	54.3	.2536	.....	2	10	21	10	39	31	35	11	1
	1912	149	55.5	.2424	4	16	23	8	38	21	26	12	1	

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

## MACHINE HANDS: Male—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 and under cts.	12 and under cts.	14 and under cts.	16 and under cts.	18 and under cts.	20 and under cts.	25 and under cts.	30 and under cts.	40 and under cts.	50 and under cts.
MICHIGAN.														
Establishments showing complete data:														
5 establishments	1907	238	57.6	\$0.2141	17	33	25	96	50	12	—	—	—	—
	1908	171	57.6	.2216	6	26	12	75	44	8	—	—	—	—
	1909	193	56.9	.2196	6	26	23	84	45	9	—	—	—	—
	1910	203	56.7	.2327	4	22	8	81	70	18	—	—	—	—
18 establishments	1910	672	58.0	.2284	2	10	69	39	307	196	48	1	—	—
	1911	651	57.1	.2341	9	51	33	286	220	49	2	1	—	—
18 establishments	1911	728	57.4	.2301	15	76	38	321	226	49	2	1	—	—
	1912	697	57.2	.2478	2	27	43	260	254	108	3	—	—	—
All establishments reported:														
19 establishments	1910	676	58.0	.2283	—	—	—	—	—	—	—	—	—	—
	1911	657	57.1	.2341	—	—	—	—	—	—	—	—	—	—
19 establishments	1911	734	57.4	.2300	—	—	—	—	—	—	—	—	—	—
	1912	703	57.3	.2478	—	—	—	—	—	—	—	—	—	—
MISSOURI.														
9 establishments	1911	203	59.6	.2139	10	37	18	92	41	5	—	—	—	—
	1912	206	59.6	.2155	10	37	26	87	37	9	—	—	—	—
NEW YORK.														
Establishments showing complete data:														
23 establishments	1910	510	59.7	.2121	5	18	39	55	43	222	103	24	1	—
	1911	511	58.7	.2167	12	52	44	61	201	113	28	—	—	—
35 establishments	1911	695	59.1	.2137	13	62	83	77	277	164	19	—	—	—
	1912	724	57.0	.2241	8	49	71	82	273	209	30	2	—	—
All establishments reported:														
24 establishments	1910	523	59.6	.2121	—	—	—	—	—	—	—	—	—	—
	1911	527	58.7	.2169	—	—	—	—	—	—	—	—	—	—
37 establishments	1911	747	59.1	.2139	—	—	—	—	—	—	—	—	—	—
	1912	776	57.1	.2235	—	—	—	—	—	—	—	—	—	—
NORTH CAROLINA.														
7 establishments	1910	158	59.8	.1478	19	59	31	24	10	12	2	1	—	—
	1911	168	59.8	.1513	19	45	44	31	10	16	3	—	—	—
12 establishments	1911	276	59.9	.1443	39	96	70	38	12	18	3	—	—	—
	1912	248	59.7	.1502	18	85	73	32	16	18	5	1	—	—
OHIO.														
21 establishments	1911	370	59.5	.2083	18	26	58	30	160	67	11	—	—	—
	1912	389	59.5	.2029	1	33	32	62	26	152	75	8	—	—
PENNSYLVANIA.														
5 establishments	1910	129	56.8	.2294	3	9	10	16	41	30	19	1	—	—
	1911	128	55.4	.2366	3	7	11	13	35	37	21	1	—	—
22 establishments	1911	544	58.8	.2041	1	23	69	106	52	184	77	31	1	—
	1912	544	58.7	.2084	1	14	60	111	60	172	89	35	2	—
TENNESSEE.														
5 establishments	1911	157	59.6	.1750	5	30	38	32	10	22	14	6	—	—
	1912	129	59.5	.1848	1	12	33	32	6	27	12	6	—	—
WISCONSIN.														
8 establishments	1910	291	59.4	.1775	7	27	70	69	33	68	15	2	—	—
	1911	271	59.5	.1837	2	14	60	74	24	76	19	2	—	—
9 establishments	1911	293	59.5	.1836	2	14	62	81	30	83	19	2	—	—
	1912	291	59.8	.1825	1	25	52	80	33	79	20	1	—	—

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

## UPHOLSTERERS: Male.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.									
					8 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 70 cts.
<b>ILLINOIS.</b>														
Establishments showing complete data:														
7 establishments	{ 1911	149	53.6	\$0.3199						2	15	44	72	16
	1912	162	53.8	.3219						1	17	45	82	17
All establishments reported:	{ 1911	203	53.7	.3094										
8 establishments	{ 1912	215	55.1	.3083										
<b>INDIANA.</b>														
5 establishments	{ 1911	48	57.1	.2715										
	1912	43	57.3	.2721										
<b>MASSACHUSETTS.</b>														
3 establishments	{ 1911	16	50.0	.3919									13	3
	1912	15	50.0	.4080									4	11
<b>MICHIGAN.</b>														
Establishments showing complete data:														
6 establishments	{ 1911	52	59.4	.2805						2	2	10	15	26
	1912	35	58.5	.2743								5	13	1
All establishments reported:	{ 1911	66	58.3	.2932										
7 establishments	{ 1912	41	57.8	.3001										
<b>NEW YORK.</b>														
Establishments showing complete data:														
6 establishments	{ 1911	40	55.2	.3822						1	1	4	20	5
	1912	42	52.8	.3525							5	10	18	9
All establishments reported:														
10 establishments	{ 1911	78	56.5	.3489										
	1912	74	54.5	.3337										
<b>OHIO.</b>														
Establishments showing complete data:														
3 establishments	{ 1911	25	57.1	.2675						1	2	5	15	5
	1912	21	57.7	.2562								4	8	6
All establishments reported:														
5 establishments	{ 1911	40	57.3	.2624										
	1912	38	57.6	.2616										
<b>PENNSYLVANIA.</b>														
Establishments showing complete data:														
4 establishments	{ 1911	33	56.1	.3170				1	2	2	2	14	9	6
	1912	58	52.6	.3613				1	1	2	2	9	14	1
All establishments reporting:														
5 establishments	{ 1911	38	56.3	.3081										
	1912	65	52.6	.3501										
<b>WISCONSIN.</b>														
Establishments showing complete data:														
4 establishments	{ 1911	55	57.5	.2428		3	4	3	4	12	16	12	12	1
	1912	48	57.8	.2628		1	1	3	2	14	12	14	1	

TABLE III.—CLASSIFIED RATES OF WAGES PER HOUR IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

**VENEERERS: Male.**

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

## NUMBER.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
Cabinetmakers, male:												
50 establishments....	{ 1907 1908 1909 1910	890 632 771 862	56.7 57.1 56.9 56.7	58 30 25 43	..... ..... ..... .....	53 42 75 42	27 11 5 7	156 99 121 154	102 45 85 140	77 130 138 155	417 275 322 321	.....
112 establishments....	{ 1910 1911	1,801 1,846	58.0 57.7	43 45	..... .....	74 68	7 30	161 114	209 302	271 381	1,019 882	17 24
169 establishments....	{ 1911 1912	2,455 2,427	58.3 58.1	45 26	..... .....	80 72	19 36	108 106	296 481	478 331	1,405 1,352	24 23
Carvers, hand, male:												
25 establishments....	{ 1907 1908 1909 1910	169 127 151 148	54.2 54.5 53.0 52.7	22 14 31 25	..... ..... ..... .....	26 20 21 31	2 2 1 2	49 33 48 48	4 4 3 4	26 32 30 22	40 22 17 16	.....
65 establishments....	{ 1910 1911	315 345	55.7 55.5	25 38	..... .....	31 34	2 5	52 45	27 45	61 62	116 115	1 1
76 establishments....	{ 1911 1912	367 334	56.2 56.3	38 25	..... .....	5 6	5 29	64 40	45 64	69 38	140 131	1 1
Chair assemblers, male:												
6 establishments....	{ 1910 1911	165 141	57.7 58.0	..... .....	..... .....	..... .....	..... .....	..... .....	85 64	40 31	40 46	.....
15 establishments....	{ 1911 1912	227 237	58.3 57.8	..... .....	..... .....	5 5	11	..... .....	71 81	41 41	110 99	.....
Finishers, male:												
52 establishments....	{ 1907 1908 1909 1910	1,217 927 1,127 1,164	57.3 57.5 57.3 57.3	21 19 16 19	..... ..... ..... .....	21 14 27 22	6 3 200 210	256 164 200 210	201 159 220 210	223 200 230 284	489 368 434 419	.....
128 establishments....	{ 1910 1911	3,132 3,206	58.5 58.0	19 17	..... .....	45 51	..... 23	214 224	442 662	584 718	1,787 1,473	41 38
192 establishments....	{ 1911 1912	4,407 4,357	58.5 58.1	17 17	..... .....	48 49	19 94	202 207	647 1,054	884 646	2,552 2,253	38 37
Machine hands, male:												
51 establishments....	{ 1907 1908 1909 1910	1,347 1,047 1,153 1,239	58.2 58.1 57.9 57.4	10 9 10 9	..... ..... ..... .....	34 36 38 38	7 8 3 3	135 97 117 127	192 116 149 214	246 273 299 369	723 508 537 479	.....
121 establishments....	{ 1910 1911	3,151 3,107	58.7 58.3	9 9	..... .....	49 49	3 35	135 109	422 525	648 788	1,817 1,515	68 77
192 establishments....	{ 1911 1912	4,855 4,797	58.8 58.4	9 7	..... .....	67 49	19 63	107 155	634 987	995 761	2,947 2,694	77 81
Upholsterers, male:												
19 establishments....	{ 1907 1908 1909 1910	383 310 307 325	53.6 53.5 53.8 53.8	17 7 7 7	..... ..... ..... .....	16 21 4 2	49 37 52 52	19 19 18 14	204 163 161 174	18 16 16 28	28 37 30 33	32 10 10 15
38 establishments....	{ 1910 1911	501 518	55.0 54.7	7 9	..... .....	2 3	52 49	14 48	216 231	79 43	33 56	98 79
49 establishments....	{ 1911 1912	558 552	55.8 55.5	9 8	..... 29	3 15	16 24	20 192	233 87	68 87	98 97	111 100
Veneerers, male:												
58 establishments....	{ 1910 1911	333 317	58.9 58.4	..... .....	..... .....	1	..... 3	1	67 84	68 76	186 140	11 16
94 establishments....	{ 1911 1912	430 407	58.7 58.3	..... .....	..... .....	1	3	1	89 133	98 49	225 210	16 9

TABLE IV.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN THE UNITED STATES, BY YEARS, 1907 TO 1912—Concluded.

## PER CENT.

Occupation, sex, and number of establishments.	Year.	Num- ber of em- ploy- ees.	Aver- age nom- inal full- time hours per week.	Employees whose nominal full-time working hours per week were—								
				Un- der 48.	48.	Over 48 and un- der 51.	51 and un- der 54.	54.	Over 54 and un- der 57.	57 and un- der 60.	60.	Over 60.
Cabinetmakers, male:												
50 establishments....	1907	890	56.7	6.5	.....	6.0	3.0	17.5	11.5	8.7	46.9	.....
	1908	632	57.1	4.7	.....	6.6	1.7	15.7	7.1	20.6	43.5	.....
	1909	771	56.9	3.2	.....	9.7	.6	15.7	11.0	17.9	41.8	.....
	1910	862	56.7	5.0	.....	4.9	.8	17.9	16.2	18.0	37.2	.....
115 establishments....	1910	1,801	58.0	2.4	.....	4.1	.4	8.9	11.6	15.0	56.6	0.9
	1911	1,846	57.7	2.4	.....	3.7	1.6	6.2	16.4	20.6	47.8	1.3
169 establishments....	1911	2,455	58.3	1.8	.....	3.3	.8	4.4	12.1	19.5	57.2	1.0
	1912	2,427	58.1	1.1	.....	3.0	1.5	4.4	19.8	13.6	55.7	.9
Carvers, hand, male:												
25 establishments....	1907	169	54.2	13.0	.....	15.4	1.2	29.0	2.4	15.4	23.7	.....
	1908	127	54.5	11.0	.....	15.7	1.6	26.0	3.1	25.2	17.3	.....
	1909	151	53.0	20.5	.....	13.9	.7	31.8	2.0	19.9	11.3	.....
	1910	148	52.7	16.9	.....	20.9	1.4	32.4	2.7	14.9	10.8	.....
65 establishments....	1910	315	55.7	7.9	.....	9.8	.6	16.5	8.6	19.4	36.8	.3
	1911	345	55.5	11.0	.....	9.9	1.4	13.0	13.0	18.0	33.3	.3
76 establishments....	1911	367	56.2	10.4	.....	1.4	1.4	17.4	12.3	18.8	38.1	.3
	1912	334	56.3	7.5	.....	1.8	8.7	12.0	19.2	11.4	39.2	.3
Chair assemblers, male:												
6 establishments....	1910	165	57.7	.....	.....	.....	.....	.....	51.5	24.2	24.2	.....
	1911	141	58.0	.....	.....	.....	.....	.....	45.4	22.0	32.6	.....
15 establishments....	1911	227	58.3	.....	.....	2.2	.....	.....	31.3	18.1	48.5	.....
	1912	237	57.8	.....	.....	2.1	4.6	.....	34.2	17.3	41.8	.....
Finishers, male:												
52 establishments....	1907	1,217	57.3	1.7	.....	1.7	.5	21.0	16.5	18.3	40.2	.....
	1908	927	57.5	2.0	.....	1.5	.3	17.7	17.2	21.6	39.7	.....
	1909	1,127	57.3	1.4	.....	2.4	.....	17.7	19.5	20.4	38.5	.....
	1910	1,164	57.3	1.6	.....	1.9	.....	18.0	18.0	24.4	36.0	.....
128 establishments....	1910	3,132	58.5	.6	.....	1.4	.....	6.8	14.1	18.6	57.1	1.3
	1911	3,206	58.0	.5	.....	1.6	.7	7.0	20.6	22.4	45.9	1.2
192 establishments....	1911	4,407	58.5	.4	.....	1.1	.4	4.6	14.7	20.1	57.9	.9
	1912	4,357	58.1	.4	.....	1.1	2.2	4.8	24.2	14.8	51.7	.8
Machine hands, male:												
51 establishments....	1907	1,347	58.2	.7	.....	2.5	.5	10.0	14.3	18.3	53.7	.....
	1908	1,047	58.1	.9	.....	3.4	.8	9.3	11.1	26.1	48.5	.....
	1909	1,153	57.9	.9	.....	3.3	.3	10.1	12.9	25.9	46.6	.....
	1910	1,239	57.4	.7	.....	3.1	.2	10.3	17.3	29.8	38.7	.....
121 establishments...	1910	3,151	58.7	.3	.....	1.6	.1	4.3	13.4	20.6	57.7	2.2
	1911	3,107	58.3	.3	.....	1.6	1.1	3.5	16.9	25.4	48.8	2.5
192 establishments....	1911	4,855	58.8	.2	.....	1.4	.4	2.2	13.1	20.5	60.7	1.6
	1912	4,797	58.4	.1	.....	1.0	1.3	3.2	20.6	15.9	56.2	1.7
Upholsterers, male:												
15 establishments....	1907	383	53.6	4.4	4.2	12.8	5.0	53.3	4.7	7.3	8.4	.....
	1908	310	53.5	2.3	6.8	11.9	6.1	52.6	5.2	11.9	3.2	.....
	1909	307	53.8	2.3	1.3	16.9	5.9	52.4	5.2	12.7	3.3	.....
	1910	325	53.8	2.2	.6	16.0	4.3	53.5	8.6	10.2	4.6	.....
38 establishments....	1910	501	55.0	1.4	.4	10.4	2.8	43.1	15.8	6.6	19.6	.....
	1911	518	54.7	1.7	.4	9.5	9.3	44.6	8.3	10.8	15.3	.....
49 establishments....	1911	558	55.8	1.6	.5	2.9	3.6	41.8	12.2	17.6	19.9	.....
	1912	552	55.5	1.4	5.3	2.7	4.3	34.8	15.8	17.6	18.1	.....
Veneerers, male:												
58 establishments....	1910	333	58.9	.....	.....	.....	.....	.....	20.1	20.4	55.9	3.3
	1911	317	58.4	.....	.....	.....	.....	.....	26.5	24.0	44.2	5.0
94 establishments....	1911	430	58.7	.....	.....	.2	.....	.....	20.7	22.8	52.3	3.7
	1912	407	58.3	.....	.....	.2	.7	.5	32.7	12.0	51.6	2.2

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912.

## CABINETMAKERS: Male.

Year and State.	Num- ber of estab- lish- ments.	Num- ber of em- ploy- ees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>1907.</b>												
Illinois.....	6	174	54.3			16	-----	137	13	4	17	-----
Indiana.....	11	129	59.5			-----	-----	-----	13	-----	116	-----
Michigan.....	5	121	58.1			-----	-----	-----	54	18	49	-----
Other States.....	28	466	56.4	58	-----	37	27	19	35	55	235	-----
Total.....	50	890	56.7	58	-----	53	27	156	102	77	417	-----
<b>1908.</b>												
Illinois.....	6	122	54.4			18	-----	83	-----	4	17	-----
Indiana.....	11	112	59.5			-----	-----	-----	4	19	89	-----
Michigan.....	5	87	58.0			-----	-----	-----	32	52	3	-----
Other States.....	28	311	57.1	30	-----	24	11	16	9	55	166	-----
Total.....	50	632	57.1	30	-----	42	11	99	45	130	275	-----
<b>1909.</b>												
Illinois.....	6	140	54.4			17	-----	102	-----	5	16	-----
Indiana.....	11	142	59.4			-----	-----	-----	8	21	113	-----
Michigan.....	5	105	57.4			-----	-----	-----	43	58	4	-----
Other States.....	28	384	56.7	25	-----	58	5	19	34	54	189	-----
Total.....	50	771	56.9	25	-----	75	5	121	85	138	322	-----
<b>1910.</b>												
Illinois.....	16	306	56.6			18	-----	138	24	18	132	-----
Indiana.....	19	243	59.4			-----	-----	-----	26	176	17	-----
Massachusetts.....	6	103	49.1	43	-----	56	-----	-----	-----	4	-----	-----
Michigan.....	17	408	58.6			-----	-----	-----	98	101	209	-----
New York.....	21	287	59.2			-----	7	23	-----	36	221	-----
North Carolina.....	7	92	59.8			-----	-----	-----	49	14	78	-----
Pennsylvania.....	5	89	57.2			-----	-----	-----	49	40	-----	-----
Wisconsin.....	7	78	59.4			-----	-----	-----	38	31	47	-----
Other States.....	14	195	59.1			-----	-----	-----	5	5	152	-----
Total.....	112	1,801	58.0	43	-----	74	7	161	209	271	1,019	17
<b>1911.</b>												
Illinois.....	19	326	57.8			12	-----	91	-----	43	180	-----
Indiana.....	21	298	59.4			-----	-----	-----	29	31	214	24
Maryland.....	5	60	59.8			-----	-----	-----	3	5	52	-----
Massachusetts.....	7	128	49.6	45	-----	68	10	-----	-----	5	-----	-----
Michigan.....	14	393	57.6			-----	-----	-----	183	20	190	-----
Missouri.....	8	78	60.0			-----	-----	-----	-----	-----	78	-----
New York.....	34	423	58.6			-----	9	17	-----	239	158	-----
North Carolina.....	10	124	59.9			-----	-----	-----	-----	15	109	-----
Ohio.....	18	191	59.2			-----	-----	-----	26	10	155	-----
Pennsylvania.....	19	249	58.8			-----	-----	-----	50	81	118	-----
Tennessee.....	5	76	59.7			-----	-----	-----	5	-----	71	-----
Wisconsin.....	8	92	59.5			-----	-----	-----	-----	34	58	-----
Other States.....	1	17	60.0			-----	-----	-----	-----	-----	17	-----
Total.....	169	2,455	58.3	45	-----	80	19	108	296	478	1,405	24
<b>1912.</b>												
Illinois.....	19	342	58.5			12	-----	54	-----	39	237	-----
Indiana.....	21	276	58.9			-----	-----	-----	39	73	141	23
Maryland.....	5	61	58.6			-----	-----	-----	21	4	36	-----
Massachusetts.....	7	99	50.0	26	-----	60	8	-----	-----	5	-----	-----
Michigan.....	14	421	57.7			-----	-----	-----	195	8	218	-----
Missouri.....	8	83	60.0			-----	-----	-----	-----	-----	83	-----
New York.....	34	425	57.2			-----	-----	28	52	142	78	125
North Carolina.....	10	94	59.8			-----	-----	-----	-----	13	81	-----
Ohio.....	18	196	59.3			-----	-----	-----	25	9	162	-----

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## CABINETMAKERS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>1912.</b>												
Pennsylvania.....	19	264	58.8						55	87	122	.....
Tennessee.....	5	62	59.7						4	.....	58	.....
Wisconsin.....	8	91	59.8							20	71	.....
Other States.....	1	13	60.0								13	.....
Total.....	169	2,427	58.1	26	.....	72	36	106	481	331	1,352	23

## CARVERS, HAND: Male.

1911.												
Illinois.....	17	87	56.4				4	.....	43	9	31	.....
Indiana.....	5	6	59.0						1	1	3	1
Massachusetts.....	4	40	44.6	38			1				1	.....
Michigan.....	13	100	58.1						38	8	54	.....
New York.....	19	88	58.2					5	13	32	38	.....
Ohio.....	4	7	59.6							3	4	.....
Pennsylvania.....	11	29	57.2						8	6	6	9
Wisconsin.....	2	8	58.4							8		.....
Other States.....	1	2	59.5							2		.....
Total.....	76	367	56.2	38	.....		5	5	64	45	69	140
<b>1912.</b>												
Illinois.....	17	79	57.0				5	.....	31	1	43	.....
Indiana.....	5	7	58.9							2	3	1
Massachusetts.....	4	27	44.8	25			1				1	.....
Michigan.....	13	100	57.9						41	6	53	.....
New York.....	19	76	56.2					29	4	9	20	14
Ohio.....	4	7	59.4							4	3	.....
Pennsylvania.....	11	30	57.1						5	13	4	8
Wisconsin.....	2	7	59.9							1	6	.....
Other States.....	1	1	59.5							1		.....
Total.....	76	334	56.3	25	.....		6	29	40	64	38	131

## CHAIR ASSEMBLERS: Male.

1911.											
Massachusetts.....	2	20	56.8				5			15	.....
Michigan.....	3	100	57.3						71		29
New York.....	2	22	60.0								22
North Carolina.....	2	15	60.0								15
Ohio.....	3	20	60.0								20
Other States.....	3	50	58.9							26	24
Total.....	15	227	58.3	.....			5	.....	71	41	110
<b>1912.</b>											
Massachusetts.....	2	19	56.6				5			14	.....
Michigan.....	3	117	57.3						81		36
New York.....	2	19	55.8				11				8
North Carolina.....	2	15	60.0								15
Ohio.....	3	20	59.7							3	17
Other States.....	3	47	58.9							24	23
Total.....	15	237	57.8	.....			5	11	81	41	99

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

**FINISHERS: Male.**

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>1907.</b>												
Illinois.....	8	295	55.0					241		25	29	
Indiana.....	12	193	59.3						14	37	142	
Michigan.....	4	182	57.5						109	52	21	
Other States.....	28	547	57.8	21		21	6	15	78	109	297	
<b>Total.....</b>	<b>52</b>	<b>1,217</b>	<b>57.3</b>	<b>21</b>	<b>—</b>	<b>21</b>	<b>6</b>	<b>256</b>	<b>201</b>	<b>223</b>	<b>489</b>	<b>—</b>
<b>1908.</b>												
Illinois.....	8	213	55.6					150		32	31	
Indiana.....	12	170	59.2						10	44	116	
Michigan.....	4	121	57.3						80	34	7	
Other States.....	28	423	57.8	19		14	3	14	69	90	214	
<b>Total.....</b>	<b>52</b>	<b>927</b>	<b>57.5</b>	<b>19</b>	<b>—</b>	<b>14</b>	<b>3</b>	<b>164</b>	<b>159</b>	<b>200</b>	<b>368</b>	<b>—</b>
<b>1909.</b>												
Illinois.....	8	258	55.5					186		39	33	
Indiana.....	12	192	59.0						15	58	119	
Michigan.....	4	137	56.4						93	35	9	
Other States.....	28	540	57.8	16		27		14	112	98	273	
<b>Total.....</b>	<b>52</b>	<b>1,127</b>	<b>57.3</b>	<b>16</b>	<b>—</b>	<b>27</b>	<b>—</b>	<b>200</b>	<b>220</b>	<b>230</b>	<b>434</b>	<b>—</b>
<b>1910.</b>												
Illinois.....	18	583	57.8					194		104	285	
Indiana.....	20	328	59.3						24	76	187	
Massachusetts.....	9	85	51.6	19		42		4		15	5	
Michigan.....	19	926	58.3						304	171	451	
New York.....	24	549	59.7			3		16		36	484	
North Carolina.....	7	102	59.9							11	91	
Pennsylvania.....	5	134	56.6						90	44		
Wisconsin.....	9	162	59.3							76	86	
Other States.....	17	263	59.4						24	51	188	
<b>Total.....</b>	<b>128</b>	<b>3,132</b>	<b>58.5</b>	<b>19</b>	<b>—</b>	<b>45</b>	<b>—</b>	<b>214</b>	<b>442</b>	<b>584</b>	<b>1,787</b>	<b>41</b>
<b>1911.</b>												
Illinois.....	21	605	57.9					187		101	317	
Indiana.....	22	416	59.4						40	56	282	
Maryland.....	7	138	59.7						8	16	114	
Massachusetts.....	9	107	52.1	17		48	19			17	6	
Michigan.....	19	1,068	57.7						500	46	522	
Missouri.....	9	125	60.0								125	
New York.....	36	726	59.0					4		372	350	
North Carolina.....	11	175	59.9							14	161	
Ohio.....	23	373	59.3					11	24	52	286	
Pennsylvania.....	19	382	58.8						67	134	181	
Tennessee.....	5	78	59.5						8		70	
Wisconsin.....	10	191	59.4							76	115	
Other States.....	1	23	60.0								23	
<b>Total.....</b>	<b>192</b>	<b>4,407</b>	<b>58.5</b>	<b>17</b>	<b>—</b>	<b>48</b>	<b>19</b>	<b>202</b>	<b>647</b>	<b>884</b>	<b>2,552</b>	<b>38</b>
<b>1912.</b>												
Illinois.....	21	619	58.4					28	88		113	390
Indiana.....	22	409	58.6						58		155	159
Maryland.....	7	133	58.8						40	9	84	
Massachusetts.....	9	115	52.5	17		49	20			22	7	
Michigan.....	19	986	57.5							520	6	460
Missouri.....	9	126	60.0								126	
New York.....	36	746	56.8					46	105	317	96	182
North Carolina.....	11	181	59.8							29	152	
Ohio.....	23	338	59.2					14	26	44	254	
Pennsylvania.....	19	425	58.7						83	146	196	
Tennessee.....	5	68	59.3						10		58	
Wisconsin.....	10	187	59.9							26	161	
Other States.....	1	24	60.0								24	
<b>Total.....</b>	<b>192</b>	<b>4,357</b>	<b>58.1</b>	<b>17</b>	<b>—</b>	<b>49</b>	<b>94</b>	<b>207</b>	<b>1,054</b>	<b>646</b>	<b>2,253</b>	<b>37</b>

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Continued.

## MACHINE HANDS: Male.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
<b>1907.</b>												
Illinois.....	6	152	54.9	.....	.....	8	.....	116	.....	5	23	.....
Indiana.....	12	344	59.4	.....	.....	.....	.....	.....	18	60	266	.....
Michigan.....	5	238	57.6	.....	.....	.....	.....	.....	137	30	71	.....
Other States.....	28	613	58.6	10	.....	26	7	19	37	151	363	.....
Total.....	51	1,347	58.2	10	.....	34	7	135	192	246	723	.....
<b>1908.</b>												
Illinois.....	6	112	54.9	.....	.....	9	.....	79	.....	3	21	.....
Indiana.....	12	284	59.1	.....	.....	.....	.....	.....	15	84	185	.....
Michigan.....	5	171	57.6	.....	.....	.....	.....	.....	81	77	13	.....
Other States.....	28	480	58.4	9	.....	27	8	18	20	109	289	.....
Total.....	51	1,047	58.1	9	.....	36	8	97	116	273	508	.....
<b>1909.</b>												
Illinois.....	6	134	55.0	.....	.....	7	.....	98	.....	8	21	.....
Indiana.....	12	310	59.0	.....	.....	.....	.....	.....	17	109	184	.....
Michigan.....	5	193	56.9	.....	.....	.....	.....	.....	105	77	11	.....
Other States.....	28	516	58.4	10	.....	31	3	19	27	105	321	.....
Total.....	51	1,153	57.9	10	.....	38	3	117	149	299	537	.....
<b>1910.</b>												
Illinois.....	16	452	58.2	.....	.....	8	.....	113	.....	43	288	.....
Indiana.....	20	512	59.3	9	.....	41	.....	.....	38	132	274	68
Massachusetts.....	7	128	55.2	.....	.....	.....	.....	.....	.....	61	17	.....
Michigan.....	19	676	58.0	.....	.....	.....	.....	.....	258	143	275	.....
New York.....	24	523	59.6	.....	.....	.....	3	22	.....	32	466	.....
North Carolina.....	7	158	59.8	.....	.....	.....	.....	.....	.....	31	127	.....
Pennsylvania.....	5	129	56.8	.....	.....	.....	.....	.....	87	42	.....	.....
Wisconsin.....	8	291	59.4	.....	.....	.....	.....	.....	.....	129	162	.....
Other States.....	15	282	59.3	.....	.....	.....	.....	.....	39	35	208	.....
Total.....	121	3,151	58.7	9	.....	49	3	135	422	648	1,817	68
<b>1911.</b>												
Illinois.....	19	510	58.6	.....	.....	8	.....	89	.....	69	344	.....
Indiana.....	22	688	59.2	.....	.....	.....	.....	.....	79	130	402	77
Maryland.....	7	158	59.6	.....	.....	.....	.....	.....	15	7	136	.....
Massachusetts.....	9	160	54.3	9	.....	59	16	.....	.....	63	13	.....
Michigan.....	19	734	57.4	.....	.....	.....	.....	.....	399	37	298	.....
Missouri.....	9	203	59.6	.....	.....	.....	.....	13	.....	.....	190	.....
New York.....	37	747	59.1	.....	.....	.....	3	5	.....	352	387	.....
North Carolina.....	12	276	59.9	.....	.....	.....	.....	.....	.....	33	243	.....
Ohio.....	21	370	59.5	.....	.....	.....	.....	.....	25	41	304	.....
Pennsylvania.....	22	544	58.8	.....	.....	.....	.....	.....	102	151	291	.....
Tennessee.....	5	157	59.6	.....	.....	.....	.....	14	.....	.....	143	.....
Wisconsin.....	9	293	59.5	.....	.....	.....	.....	.....	.....	112	181	.....
Other States.....	1	15	60.0	.....	.....	.....	.....	.....	.....	.....	15	.....
Total.....	192	4,855	58.8	9	.....	67	19	107	634	995	2,947	77
<b>1912.</b>												
Illinois.....	19	518	59.1	.....	.....	8	.....	47	.....	51	412	.....
Indiana.....	22	679	58.8	.....	.....	.....	.....	.....	92	220	286	81
Maryland.....	7	156	59.0	.....	.....	.....	.....	.....	37	11	108	.....
Massachusetts.....	9	149	55.5	7	.....	41	16	.....	.....	68	17	.....
Michigan.....	19	703	57.3	.....	.....	.....	.....	.....	406	11	286	.....
Missouri.....	9	206	59.6	.....	.....	.....	.....	14	.....	.....	192	.....
New York.....	37	776	57.1	.....	.....	.....	47	94	304	96	235	.....
North Carolina.....	12	248	59.7	.....	.....	.....	.....	.....	.....	44	204	.....
Ohio.....	21	389	59.5	.....	.....	.....	.....	.....	24	51	314	.....
Pennsylvania.....	22	544	58.7	.....	.....	.....	.....	.....	112	154	278	.....
Tennessee.....	5	129	59.5	.....	.....	.....	.....	.....	12	.....	117	.....
Wisconsin.....	9	291	59.8	.....	.....	.....	.....	.....	.....	55	236	.....
Other States.....	1	9	60.0	.....	.....	.....	.....	.....	.....	.....	9	.....
Total.....	192	4,797	58.4	7	.....	49	63	105	987	761	2,694	81

TABLE V.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH YEAR, BY STATES, 1907 TO 1912—Concluded.

## UPHOLSTERERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 54.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1911.</b>											
Illinois.....	8	203	53.7				20	182		1	
Indiana.....	5	48	57.1					16	29	3	
Massachusetts.....	3	16	50.0			16					
Michigan.....	7	66	58.3					14	5	18	29
New York.....	10	78	56.5	9				7	12	25	25
Ohio.....	5	40	57.3					12	7		21
Pennsylvania.....	5	38	56.3		3				28	6	1
Wisconsin.....	4	55	57.5					18		19	18
Other States.....	2	14	60.0								14
Total.....	49	558	55.8	9	3	16	20	233	68	98	111
<b>1912.</b>											
Illinois.....	8	215	55.1				16	143		53	3
Indiana.....	5	43	57.3						14	23	6
Massachusetts.....	3	15	50.0			15					
Michigan.....	7	41	57.8					6	12	7	16
New York.....	10	74	54.5	8			8	17	27	6	8
Ohio.....	5	38	57.6					8	9		21
Pennsylvania.....	5	65	52.6		29				25	8	3
Wisconsin.....	4	48	57.8					18			30
Other States.....	2	13	60.0								13
Total.....	49	552	55.5	8	29	15	24	192	87	97	100

## VENEERERS: Male.

Year and State.	Number of establish- ments.	Number of em- ployees.	Aver- age nomi- nal full- time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 54.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>1911.</b>											
Illinois.....	15	52	59.8						1	4	47
Indiana.....	12	49	59.6						2	11	20
Massachusetts.....	2	2	55.0			1					1
Michigan.....	14	148	57.4						80	16	52
Missouri.....	3	6	60.0								6
New York.....	18	49	58.6							32	17
Ohio.....	9	37	59.3						5	1	31
Pennsylvania.....	10	40	59.4						1	20	19
Tennessee.....	4	16	59.7							1	15
Wisconsin.....	5	27	59.5							14	13
Other States.....	2	4	60.0								4
Total.....	94	430	58.7			1		1	89	98	225
<b>1912.</b>											
Illinois.....	15	63	59.9						1	3	59
Indiana.....	12	39	59.1						4	9	17
Massachusetts.....	2	2	55.0			1					1
Michigan.....	14	133	56.9						87	2	44
Missouri.....	3	7	60.0								7
New York.....	18	52	56.7				3	1	32	8	8
Ohio.....	9	40	59.3						5	1	34
Pennsylvania.....	10	37	59.2						4	16	17
Tennessee.....	4	9	59.4						1		8
Wisconsin.....	5	21	59.5							10	11
Other States.....	2	4	60.0								4
Total.....	94	407	58.3			1	3	2	133	49	210

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912.

[Under each occupation the establishments set opposite each bracketed group of years are identical.]

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
CABINETMAKERS, MALE.											
Illinois:											
6 establishments . . . . .	{ 1907	174	54.3	-----	16	-----	137	-----	4	17	-----
	1908	122	54.4	-----	18	-----	83	-----	4	17	-----
	1909	140	54.4	-----	17	-----	102	-----	5	16	-----
	1910	151	54.8	-----	-----	131	-----	5	15	-----	
16 establishments . . . . .	{ 1910	306	56.6	-----	18	-----	138	-----	18	132	-----
	1911	276	57.5	-----	12	-----	91	-----	22	151	-----
19 establishments . . . . .	{ 1911	326	57.8	-----	12	-----	91	-----	43	180	-----
	1912	342	58.5	-----	12	-----	54	-----	39	237	-----
Indiana:											
11 establishments . . . . .	{ 1907	129	59.5	-----	-----	-----	13	-----	116	-----	
	1908	112	59.5	-----	-----	-----	4	19	89	-----	
	1909	142	59.4	-----	-----	-----	8	21	113	-----	
	1910	154	59.2	-----	-----	-----	14	20	120	-----	
19 establishments . . . . .	{ 1910	243	59.4	-----	-----	-----	24	26	176	17	
	1911	239	59.4	-----	-----	-----	19	54	142	24	
21 establishments . . . . .	{ 1911	298	59.4	-----	-----	-----	29	31	214	24	
	1912	276	58.9	-----	-----	-----	39	73	141	23	
Maryland:											
5 establishments . . . . .	{ 1911	60	59.8	-----	-----	-----	3	5	52	-----	
	1912	61	58.6	-----	-----	-----	21	4	36	-----	
Massachusetts:											
6 establishments . . . . .	{ 1910	103	49.1	43	56	-----	-----	-----	4	-----	
	1911	106	49.2	45	56	-----	-----	-----	5	-----	
7 establishments . . . . .	{ 1911	128	49.6	45	68	10	-----	-----	5	-----	
	1912	99	50.0	26	60	8	-----	-----	5	-----	
Michigan:											
5 establishments . . . . .	{ 1907	121	58.1	-----	-----	-----	54	18	49	-----	
	1908	87	58.0	-----	-----	-----	32	52	3	-----	
	1909	105	57.4	-----	-----	-----	43	58	4	-----	
	1910	130	56.8	-----	-----	-----	74	52	4	-----	
17 establishments . . . . .	{ 1910	408	58.6	-----	-----	-----	98	101	209	-----	
	1911	419	57.7	-----	-----	-----	186	20	213	-----	
14 establishments . . . . .	{ 1911	393	57.6	-----	-----	-----	183	20	190	-----	
	1912	421	57.7	-----	-----	-----	195	8	218	-----	
Missouri:											
8 establishments . . . . .	{ 1911	78	60.0	-----	-----	-----	-----	-----	78	-----	
	1912	83	60.0	-----	-----	-----	-----	-----	83	-----	
New York:											
21 establishments . . . . .	{ 1910	287	59.2	-----	7	23	-----	36	221	-----	
	1911	307	58.2	-----	9	23	-----	188	87	-----	
34 establishments . . . . .	{ 1911	423	58.6	-----	9	17	-----	239	158	-----	
	1912	425	57.2	-----	28	52	142	78	125	-----	
North Carolina:											
7 establishments . . . . .	{ 1910	92	59.8	-----	-----	-----	-----	14	78	-----	
	1911	105	59.9	-----	-----	-----	-----	15	90	-----	
10 establishments . . . . .	{ 1911	124	59.9	-----	-----	-----	-----	15	109	-----	
	1912	94	59.8	-----	-----	-----	-----	13	81	-----	
Ohio:											
18 establishments . . . . .	{ 1911	191	59.2	-----	-----	-----	26	10	155	-----	
	1912	196	59.3	-----	-----	-----	25	9	162	-----	
Pennsylvania:											
5 establishments . . . . .	{ 1910	89	57.2	-----	-----	21	-----	49	40	-----	
	1911	122	55.8	-----	-----	-----	58	43	-----	-----	
19 establishments . . . . .	{ 1911	249	58.8	-----	-----	-----	50	81	118	-----	
	1912	264	58.8	-----	-----	-----	55	87	122	-----	

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
CABINETMAKERS, MALE—concluded.												
Tennessee:												
5 establishments	1911	76	59.7						5	4	71	.....
5 establishments	1912	62	59.7								58	.....
Wisconsin:												
7 establishments	1910	78	59.4							31	47	.....
7 establishments	1911	84	59.5							34	50	.....
8 establishments	1911	92	59.5							34	58	.....
8 establishments	1912	91	59.8							20	71	.....
CARVERS, HAND.												
Illinois:												
17 establishments	1911	87	56.4				4		43	9	31	.....
17 establishments	1912	79	57.0				5		31		43	.....
Indiana:										1	1	3 1
5 establishments	1911	6	59.0							1	2	3 1
5 establishments	1912	7	58.9									
Massachusetts:												
4 establishments	1911	40	44.6	38		1						1
4 establishments	1912	27	44.8	25		1						1
Michigan:												
13 establishments	1911	100	58.1						38	8	54	.....
13 establishments	1912	100	57.9						41	6	53	.....
New York:												
19 establishments	1911	88	58.2					5	13	32	38	.....
19 establishments	1912	76	56.2					29	4	9	20	14
Ohio:												
4 establishments	1911	7	59.6							3	4	.....
4 establishments	1912	7	59.4							4	3	.....
Pennsylvania:												
11 establishments	1911	29	57.2						8	6	6	9
11 establishments	1912	30	57.1						5	13	4	8
Wisconsin:												
2 establishments	1911	8	58.4							8		
2 establishments	1912	7	59.9							1	6	.....
CHAIR ASSEMBLERS, MALE.												
Massachusetts:												
2 establishments	1911	20	56.8				5			15		
2 establishments	1912	19	56.6				5			14		
Michigan:												
3 establishments	1911	100	57.3						71		29	.....
3 establishments	1912	117	57.3						81		36	.....
New York:												
2 establishments	1911	22	60.0								22	.....
2 establishments	1912	19	55.8								8	.....
North Carolina:												
2 establishments	1911	15	60.0								15	.....
2 establishments	1912	15	60.0								15	.....
Ohio:												
3 establishments	1911	20	60.0							3	20	.....
3 establishments	1912	20	59.7								17	.....
FINISHERS, MALE.												
Illinois:												
8 establishments	1907	295	55.0						241		25	29
8 establishments	1908	213	55.6						150		32	31
8 establishments	1909	258	55.5						186		39	33
8 establishments	1910	269	55.5						194		44	31
18 establishments	1910	583	57.8						194		104	285
18 establishments	1911	531	57.7						187		83	261
21 establishments	1911	605	57.9						187		101	317
21 establishments	1912	619	58.4						88		113	390

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
FINISHERS, MALE—concluded.												
Indiana:												
12 establishments . . .	{ 1907	193	59.3	.....	.....	.....	.....	.....	14	37	142	.....
	1908	170	59.2	.....	.....	.....	.....	.....	10	44	116	.....
	1909	192	59.0	.....	.....	.....	.....	.....	15	58*	119	.....
	1910	204	59.0	.....	.....	.....	.....	.....	15	67	122	.....
20 establishments . . .	{ 1910	328	59.3	.....	.....	.....	.....	.....	24	76	187	41
	{ 1911	308	59.3	.....	.....	.....	.....	.....	25	81	164	38
22 establishments . . .	{ 1911	416	59.4	.....	.....	.....	.....	.....	40	56	282	38
	{ 1912	409	58.6	.....	.....	.....	.....	.....	58	155	159	37
Maryland:												
7 establishments . . .	{ 1911	138	59.7	.....	.....	.....	.....	.....	8	16	114	.....
	{ 1912	133	58.8	.....	.....	.....	.....	.....	40	9	84	.....
Massachusetts:												
9 establishments . . .	{ 1910	85	51.6	19	.....	42	.....	4	.....	15	5	.....
	{ 1911	93	52.0	17	.....	48	.....	5	.....	17	6	.....
9 establishments . . .	{ 1911	107	52.1	17	.....	48	19	.....	.....	17	6	.....
	{ 1912	115	52.5	17	.....	49	20	.....	.....	22	7	.....
Michigan:												
1907	182	57.5	.....	.....	.....	.....	.....	.....	109	52	21	.....
4 establishments . . .	{ 1908	121	57.3	.....	.....	.....	.....	.....	80	34	7	.....
	{ 1909	137	56.4	.....	.....	.....	.....	.....	93	35	9	.....
	{ 1910	172	56.4	.....	.....	.....	.....	.....	115	41	16	.....
19 establishments . . .	{ 1910	926	58.3	.....	.....	.....	.....	.....	304	171	451	.....
	{ 1911	973	57.5	.....	.....	.....	.....	.....	500	46	427	.....
19 establishments . . .	{ 1911	1,068	57.7	.....	.....	.....	.....	.....	500	46	522	.....
	{ 1912	986	57.5	.....	.....	.....	.....	.....	520	6	460	.....
Missouri:												
9 establishments . . .	{ 1911	125	60.0	.....	.....	.....	.....	.....	.....	.....	125	.....
	{ 1912	126	60.0	.....	.....	.....	.....	.....	.....	.....	126	.....
New York:												
24 establishments . . .	{ 1910	549	59.7	.....	.....	3	.....	16	.....	36	494	.....
	{ 1911	576	58.7	.....	.....	3	.....	21	.....	310	242	.....
36 establishments . . .	{ 1911	726	59.0	.....	.....	.....	.....	4	.....	372	350	.....
	{ 1912	746	56.8	.....	.....	.....	.....	46	105	317	96	182
North Carolina:												
7 establishments . . .	{ 1910	102	59.9	.....	.....	.....	.....	.....	.....	11	91	.....
	{ 1911	118	59.9	.....	.....	.....	.....	.....	.....	14	104	.....
11 establishments . . .	{ 1911	175	59.9	.....	.....	.....	.....	.....	.....	14	161	.....
	{ 1912	181	59.8	.....	.....	.....	.....	.....	.....	29	152	.....
Ohio:												
23 establishments . . .	{ 1911	373	59.3	.....	.....	.....	.....	11	24	52	286	.....
	{ 1912	338	59.0	.....	.....	.....	.....	14	26	44	254	.....
Pennsylvania:												
5 establishments . . .	{ 1910	134	56.6	.....	.....	.....	.....	.....	90	44	.....	.....
	{ 1911	169	55.3	.....	.....	.....	.....	23	.....	108	38	.....
19 establishments . . .	{ 1911	382	58.8	.....	.....	.....	.....	.....	67	134	181	.....
	{ 1912	425	58.7	.....	.....	.....	.....	.....	83	146	196	.....
Tennessee:												
5 establishments . . .	{ 1911	78	59.5	.....	.....	.....	.....	.....	8	.....	70	.....
	{ 1912	68	59.3	.....	.....	.....	.....	.....	10	.....	58	.....
Wisconsin:												
9 establishments . . .	{ 1910	162	59.3	.....	.....	.....	.....	.....	.....	76	86	.....
	{ 1911	161	59.3	.....	.....	.....	.....	.....	.....	76	85	.....
10 establishments . . .	{ 1911	191	59.4	.....	.....	.....	.....	.....	.....	76	115	.....
	{ 1912	187	59.9	.....	.....	.....	.....	.....	26	161	.....	.....

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Continued.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
<b>MACHINE HANDS, MALE.</b>											
Illinois:											
6 establishments . . . . .	1907	152	54.9	—	—	8	—	116	—	5	23
	1908	112	54.9	—	—	9	—	79	—	3	21
	1909	134	55.0	—	—	7	—	98	—	8	21
	1910	147	55.1	—	—	8	—	105	—	16	18
16 establishments . . . . .	1910	452	58.2	—	—	8	—	113	—	43	288
	1911	425	58.4	—	—	8	—	89	—	40	288
19 establishments . . . . .	1911	510	58.6	—	—	8	—	89	—	69	344
	1912	518	59.1	—	—	8	—	47	—	51	412
Indiana:											
12 establishments . . . . .	1907	344	59.4	—	—	—	—	—	18	60	266
	1908	284	59.1	—	—	—	—	—	15	84	185
	1909	310	59.0	—	—	—	—	—	17	109	184
	1910	306	58.8	—	—	—	—	—	21	124	161
20 establishments . . . . .	1910	512	59.3	—	—	—	—	—	38	132	274
	1911	513	59.3	—	—	—	—	—	37	147	252
22 establishments . . . . .	1911	688	59.2	—	—	—	—	—	79	130	402
	1912	679	58.8	—	—	—	—	—	92	220	286
Maryland:											
7 establishments . . . . .	1911	158	59.6	—	—	—	—	—	15	7	136
	1912	156	59.0	—	—	—	—	—	37	11	108
Massachusetts:											
7 establishments . . . . .	1910	128	55.2	9	—	41	—	—	—	61	17
	1911	126	55.0	9	—	41	—	—	—	63	13
9 establishments . . . . .	1911	160	54.3	9	—	59	16	—	—	63	13
	1912	149	55.5	7	—	41	16	—	—	68	17
Michigan:											
5 establishments . . . . .	1907	238	57.6	—	—	—	—	—	137	30	71
	1908	171	57.6	—	—	—	—	—	81	77	13
	1909	193	56.9	—	—	—	—	—	105	77	11
	1910	203	56.7	—	—	—	—	—	116	75	12
19 establishments . . . . .	1910	676	58.0	—	—	—	—	—	255	143	275
	1911	657	57.1	—	—	—	—	—	399	37	221
19 establishments . . . . .	1911	734	57.4	—	—	—	—	—	399	37	298
	1912	703	57.3	—	—	—	—	—	406	11	286
Missouri:											
9 establishments . . . . .	1911	203	59.6	—	—	—	—	—	13	—	190
	1912	206	59.6	—	—	—	—	—	14	—	192
New York:											
24 establishments . . . . .	1910	523	59.6	—	—	—	3	22	—	32	466
	1911	527	58.7	—	—	—	3	20	—	281	223
37 establishments . . . . .	1911	747	59.1	—	—	—	3	5	—	352	387
	1912	776	57.1	—	—	—	47	94	304	96	235
North Carolina:											
7 establishments . . . . .	1910	158	59.8	—	—	—	—	—	—	31	127
	1911	168	59.8	—	—	—	—	—	—	33	135
12 establishments . . . . .	1911	276	59.9	—	—	—	—	—	—	33	243
	1912	248	59.7	—	—	—	—	—	—	44	204
Ohio:											
21 establishments . . . . .	1911	370	59.5	—	—	—	—	—	25	41	304
	1912	389	59.5	—	—	—	—	—	24	51	314
Pennsylvania:											
5 establishments . . . . .	1910	129	56.8	—	—	—	32	—	87	42	—
	1911	128	55.4	—	—	—	—	—	54	42	—
22 establishments . . . . .	1911	544	58.8	—	—	—	—	—	102	151	291
	1912	544	58.7	—	—	—	—	—	112	154	278
Tennessee:											
5 establishments . . . . .	1911	157	59.6	—	—	—	—	—	14	—	143
	1912	129	59.5	—	—	—	—	—	12	—	117

TABLE VI.—CLASSIFIED NOMINAL FULL-TIME HOURS OF WORK PER WEEK IN EACH STATE, BY YEARS, 1907 TO 1912—Concluded.

State, and number of establishments.	Year.	Number of employees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—								
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
MACHINE HANDS, MALE—concluded.												
Wisconsin:												
8 establishments....	{ 1910	291	59.4							129	162	—
	{ 1911	271	59.5							112	159	—
9 establishments....	{ 1911	293	59.5							112	181	—
	{ 1912	291	59.8							55	236	—
UPHOLSTERERS.												
Illinois:												
8 establishments....	{ 1911	203	53.7					20	182	1	—	—
	{ 1912	215	55.1					16	143	53	3	—
Indiana:												
5 establishments....	{ 1911	48	57.1							16	29	3
	{ 1912	43	57.3							14	23	6
Massachusetts:												
3 establishments....	{ 1911	16	50.0				16					
	{ 1912	15	50.0				15					
Michigan:												
7 establishments....	{ 1911	66	58.3					14	5	18	29	—
	{ 1912	41	57.8					6	12	7	16	—
New York:												
10 establishments....	{ 1911	78	56.5	9				7	12	25	25	—
	{ 1912	74	54.5	8				8	17	6	8	—
Ohio:												
5 establishments....	{ 1911	40	57.3					12	7	—	21	—
	{ 1912	38	57.6					8	9	—	21	—
Pennsylvania:												
5 establishments....	{ 1911	38	56.3		3				28	6	1	—
	{ 1912	65	52.6		29				25	8	3	—
Wisconsin:												
4 establishments....	{ 1911	55	57.5					18		19	18	—
	{ 1912	48	57.8					18			30	—
VENEERERS, MALE.												
Illinois:												
15 establishments....	{ 1911	52	59.8					1		4	47	—
	{ 1912	63	59.9					1		3	59	—
Indiana:												
12 establishments....	{ 1911	49	59.6						2	11	20	16
	{ 1912	39	59.1						4	9	17	9
Massachusetts:												
2 establishments....	{ 1911	2	55.0			1					1	—
	{ 1912	2	55.0			1						1
Michigan:												
14 establishments....	{ 1911	148	57.4						80	16	52	—
	{ 1912	133	56.9						87	2	44	—
Missouri:												
3 establishments....	{ 1911	6	60.0								6	—
	{ 1912	7	60.0								7	—
New York:												
18 establishments....	{ 1911	49	58.6					3	1	32	17	—
	{ 1912	52	56.7							8	8	—
Ohio:												
9 establishments....	{ 1911	37	59.3							5	1	31
	{ 1912	40	59.3							5	1	34
Pennsylvania:												
10 establishments....	{ 1911	40	59.4							1	20	19
	{ 1912	37	59.2							4	16	17
Tennessee:												
4 establishments....	{ 1911	16	59.7							1	15	—
	{ 1912	9	59.4							1	8	—
Wisconsin:												
5 establishments....	{ 1911	27	59.5							14	13	—
	{ 1912	21	59.5							10	11	—