

U. S. DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

ROYAL MEEKER, Commissioner

BULLETIN OF THE UNITED STATES } . . . { WHOLE  
BUREAU OF LABOR STATISTICS } . . . { NUMBER 129

WAGES AND HOURS OF LABOR SERIES: No. 2

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

1890 TO 1912



AUGUST 14, 1913

WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1913





## CONTENTS.

	Page.
<b>Lumber Manufacturing</b> .....	5-85
General summary.....	5-12
Explanation of scope and method.....	12-14
General description of the principal occupations.....	15-22
Explanation of tables.....	22-25
Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.....	26-28
Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.....	29-40
Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.....	41-55
Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912.....	56-58
Table V.—Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912.....	59-70
Table VI.—Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912.....	71-85
<b>Mill Work (sash, doors, blinds, frames, fixtures, and trim)</b> .....	86-122
General summary.....	86-92
Explanation of scope and method.....	92-94
General description of the principal occupations.....	94-96
Explanation of tables.....	96-98
Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.....	99
Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.....	100-104
Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.....	105-110
Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912.....	111
Table V.—Classified nominal full-time hours of work per week in each year, by States, 1907 to 1912.....	112-116
Table VI.—Classified nominal full-time hours of work per week in each State, by years, 1907 to 1912.....	117-122
<b>Furniture Manufacturing</b> .....	123-178
General summary.....	123-131
Explanation of scope and method.....	132, 133
General description of the principal occupations.....	134-138
Explanation of tables.....	138-141
Table I.—Classified rates of wages per hour in the United States, by years, 1907 to 1912.....	142-145
Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912.....	146-156
Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912.....	157-166



# BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS.

WHOLE NO. 129.

WASHINGTON.

AUGUST 14, 1913

## 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.....	(1)	(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.		Edgemen, 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	.....	.....	.....	.....	( <sup>3</sup> )	( <sup>3</sup> )	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	.....	.....	.....	.....	.....	.....	96.6	127.6
1912.....	.....	.....	.....	.....	.....	.....	.....	.....	96.4	127.7
Year.	Filers, male.		Cant setters, gang, <sup>5</sup> male.		Laborers, <sup>6</sup> male.		Planer feeders, male.		Sawyers, band, 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
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	95.2	131.6	.....	.....	96.8	133.0
1908.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	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	.....	.....	96.4	138.5
1912.....	.....	.....	.....	.....	95.4	133.9	.....	.....	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	99.5
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	<sup>1</sup> 100.0	<sup>1</sup> 100.0	98.9	106.0
1912.....	97.0	129.9	97.0	123.0	<sup>1</sup> 100.0	<sup>1</sup> 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.	Number of employ-ees.	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.	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 1912)	852 869	61.4 61.3	1.7 1.9	71.6 72.3	4.8 5.2	20.9 19.7	0.9 .9	\$0.1791 .1803	23.6 19.9	30.7 33.3	38.2 39.6	7.5 7.1
Laborers, male: 41 establish-ments.	(1907 1908 1909 1910)	4,097 3,662 3,910 4,582	60.5 60.6 60.5 60.5	3.3 5.4 4.7 5.3	86.5 82.7 83.8 84.9	5.4 6.5 6.2 5.3	3.6 4.0 3.9 3.4	1.3 1.4 1.3 1.1	.1827 .1665 .1708 .1832	15.5 19.4 16.8 13.7	33.8 50.8 45.5 27.7	45.3 28.3 36.0 54.2	5.4 1.6 1.8 4.4
245 establish-ments.	(1910 1911)	20,327 19,256	61.3 61.3	2.9 2.5	73.8 73.6	4.9 5.4	17.7 17.9	.6 .6	.1660 .1665	29.4 29.1	30.9 33.9	36.7 33.9	3.0 3.2
299 establish-ments.	(1911 1912)	26,784 25,506	61.4 61.5	1.4 1.5	73.1 71.9	6.5 6.6	18.2 19.0	.7 1.0	.1621 .1641	31.3 31.2	36.6 37.0	28.9 27.7	3.1 4.3
Planer feeders, male: 178 establish-ments.	(1911 1912)	1,156 1,165	61.3 61.1	1.7 .7	75.3 78.8	5.5 5.9	17.4 14.6	..... .....	.1792 .1849	17.3 14.2	42.5 39.7	28.1 33.1	12.3 12.9
Trimmer opera-tors, male: 37 establish-ments.	(1907 1908 1909 1910)	72 68 72 74	60.7 60.7 60.7 60.7	2.8 3.0 2.8 2.8	83.3 82.4 83.3 82.4	4.2 4.4 4.2 5.4	6.9 7.4 6.9 6.8	2.8 2.9 2.8 2.7	.2070 .1959 .1971 .1969	9.7 10.3 8.4 8.1	15.3 29.4 30.5 20.3	55.5 41.2 41.7 48.7	19.4 19.1 19.4 23.0
228 establish-ments.	(1910 1911)	503 485	61.0 61.0	1.8 1.8	78.9 79.0	3.4 3.5	15.3 15.1	.6 .6	.2089 .2113	11.3 11.0	18.1 18.5	46.0 43.7	24.7 26.8
294 establish-ments.	(1911 1912)	479 441	61.3 61.3	1.2 1.9	75.6 75.1	5.0 5.3	17.3 17.0	.8 .9	.2092 .2104	11.0 10.4	20.1 20.9	41.9 42.8	26.9 25.8
Carriage men, male: 41 establish-ments.	(1907 1908 1909 1910)	208 201 195 215	60.7 60.8 60.8 60.7	3.9 4.0 4.6 3.7	81.2 80.6 79.5 81.9	6.2 6.5 6.7 6.1	5.3 5.5 5.6 5.1	3.4 3.5 3.6 3.3	\$0.2184 .2074 .2115 .2196	30.7 42.8 36.4 27.9	32.7 29.9 32.3 36.3	29.8 20.9 24.1 29.8	6.7 6.5 7.2 6.0
245 establish-ments.	(1910 1911)	1,327 1,298	61.4 61.3	2.2 2.2	72.9 73.9	4.7 4.8	19.7 18.4	.7 .7	.2088 .2119	43.8 41.6	26.3 25.6	18.4 20.1	11.5 12.7
Edger men, male: 41 establish-ments.	(1907 1908 1909 1910)	79 78 77 84	60.7 60.7 60.7 60.7	2.6 3.9 3.9 3.6	82.3 80.8 80.5 82.1	6.3 6.4 6.5 6.0	6.3 6.4 6.5 6.0	2.5 2.6 2.6 2.4	.2535 .2457 .2481 .2647	19.0 20.6 20.8 16.8	15.2 20.5 19.5 16.7	40.5 42.3 40.3 35.7	25.4 16.7 19.5 31.0
245 establish-ments.	(1910 1911)	585 569	61.2 61.2	1.9 1.9	75.6 76.1	5.2 5.5	16.9 16.0	.5 .5	.2553 .2589	16.1 14.5	19.5 18.8	37.1 36.6	27.2 30.3
299 establish-ments.	(1911 1912)	684 686	61.3 61.2	1.3 1.6	76.2 76.4	5.2 5.9	16.7 15.5	.6 .6	.2599 .2601	14.0 14.0	18.9 18.1	37.6 38.5	29.4 29.4
Sawyers, resaw, male: 98 establish-ments.	(1911 1912)	149 147	60.7 60.7	1.3 1.4	85.9 85.7	4.7 4.8	8.1 8.2	..... .....	.2515 .2556	14.8 12.9	28.9 27.2	30.2 31.3	26.2 28.6
Setters, male: 301 establish-ments.	(1911 1912)	714 713	61.3 61.2	1.2 1.6	75.2 75.3	5.6 5.9	16.9 16.3	.8 1.0	.2506 .2518	15.8 15.5	22.4 21.3	34.2 36.5	27.6 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 em- ploy- ees.	Average nomi- nal full- time work- ing 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.	Over 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 establish- ments.	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 establish- ments.	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 establish- ments.	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 establish- ments.	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 establish- ments.	1911	509	61.1	2.0	76.0	6.3	15.7	.....	.5511	8.1	17.3	35.2	39.5
Sawyers, circular, male:	1912	493	61.1	2.4	76.7	6.1	14.8	.....	.5523	7.3	18.7	33.5	40.6
12 establish- ments.	1907	14	61.3	7.1	71.4	7.1	.....	14.3	.5448	7.1	21.4	42.9	28.6
	1908	14	61.3	7.1	71.4	7.1	.....	14.3	.5186	7.1	35.7	28.6	28.6
	1909	13	61.3	7.7	69.2	7.7	.....	15.4	.5254	7.7	30.8	38.5	23.1
	1910	14	61.3	7.1	71.4	7.1	.....	14.3	.5501	.....	35.7	28.6	35.7
58 establish- ments.	1910	81	61.9	1.2	66.7	2.5	25.9	3.7	.4964	11.1	32.1	39.5	17.3
	1911	78	62.0	1.3	65.4	2.6	26.9	3.8	.4976	11.6	29.5	41.0	17.9
72 establish- ments.	1911	95	62.5	1.1	56.8	4.2	34.7	3.2	.5036	11.6	28.4	42.1	17.9
	1912	94	62.5	1.1	58.5	4.3	29.8	6.4	.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 employ  es 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	2,843
Arkansas.....	31,404	22,298	19	5,085	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	1,040
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 tailor. 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 tailor 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 tailor, 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 tailor 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 tailor 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 tailor 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 em- ploy- ees.	Average nom- inal 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.
Carriage men, male:																
41 establish- ments.	(1907 1908 1909 1910)	208 201 195 215	60.7 60.8 60.8 60.7	\$0.2184 .2074 .2115 .2196	..... ..... ..... .....	3 3 19 18	12 18 13 13	16 15 29 19	20 28 29 19	13 22 10 10	68 60 63 78	62 42 47 64	14 13 14 13	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
245 establish- ments.	(1910 1911)	1,327 1,298	61.4 61.3	.2088 .2119	1 1	27 25	173 151	116 126	192 170	73 68	349 332	244 261	151 163	1 1	..... .....	..... .....
Doggers, male:																
273 establish- ments.	(1911 1912)	852 869	61.4 61.3	.1791 .1803	2 .....	28 25	171 148	116 128	146 162	51 66	274 278	64 62	..... .....	..... .....	..... .....	..... .....
Edgermen, male:																
41 establish- ments.	(1907 1908 1909 1910)	79 78 77 84	60.7 60.7 60.7 60.7	.2535 .2457 .2481 .2647	..... ..... ..... .....	2 2 2 2	1 ..... 2 2	2 4 3 4	7 8 6 4	3 2 3 4	12 16 15 14	32 33 31 30	19 12 14 23	1 1 1 2	..... ..... ..... .....	..... ..... ..... .....
245 establish- ments.	(1910 1911)	585 569	61.2 61.2	.2553 .2589	..... .....	2 2	17 17	26 21	17 20	33 22	114 107	217 208	151 162	7 9	1 1	..... .....
299 establish- ments.	(1911 1912)	684 686	61.3 61.2	.2599 .2601	..... .....	5 2	16 16	23 25	21 19	31 34	129 124	257 264	185 184	16 17	1 1	..... .....
Laborers, male:																
41 establish- ments.	(1907 1908 1909 1910)	4,097 3,662 3,910 4,682	60.5 60.6 60.5 60.5	.1827 .1665 .1708 .1832	77 113 101 62	163 227 226 252	392 370 328 312	440 578 402 321	948 1,280 1,375 950	378 426 676 816	1,478 426 732 1,667	214 612 68 199	7 54 2 3	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
245 establish- ments.	(1910 1911)	20,327 19,256	61.3 61.3	.1660 .1655	543 299	2,822 2,664	2,600 2,638	2,522 2,566	3,760 3,963	2,162 2,072	5,309 4,440	580 574	29 40	..... .....	..... .....	..... .....
299 establish- ments.	(1911 1912)	26,784 25,506	61.4 61.5	.1621 .1641	519 346	3,649 3,201	4,238 4,303	4,510 4,257	5,312 5,179	2,274 1,927	5,469 5,121	746 911	67 153	..... 16	..... .....	..... 2
Planer feeders, male:																
178 establish- ments.	(1911 1912)	1,156 1,165	61.3 61.1	.1792 .1849	..... 1	48 27	152 138	203 162	288 300	84 119	240 267	122 131	18 20	1 .....	..... .....	..... .....
Sawyers, band, male:																
34 establish- ments.	(1907 1908 1909 1910)	71 69 69 73	60.8 60.8 60.8 60.7	.4901 .4807 .4894 .5007	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	8 10 10 9	23 20 19 21	28 28 25 25	12 11 15 18
203 establish- ments.	(1910 1911)	430 433	61.1 61.0	.5441 .5545	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	1 2	2 1	29 28	89 83	146 140	163 179
243 establish- ments.	(1911 1912)	509 493	61.1 61.1	.5511 .5523	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	3 2	3 3	35 31	88 92	179 165	201 200
Sawyers, circular, male:																
12 establish- ments.	(1907 1908 1909 1910)	14 14 13 14	61.3 61.3 61.3 61.3	.5448 .5186 .5254 .5501	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	1 1 1 .....	3 5 4 5	6 4 5 4	4 4 3 5
58 establish- ments.	(1910 1911)	81 78	61.9 62.0	.4964 .4976	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	2 2	7 7	26 23	32 32	14 14
72 establish- ments.	(1911 1912)	95 94	62.5 62.5	.5036 .5091	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	..... 2	3 4	8 8	27 18	40 44	17 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 cts. and over.
Sawyers, gang, male:																
5 establishments.	1907	6	60.0	\$0.2708	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....
	1908	6	60.0	.2558	.....	.....	.....	.....	.....	.....	2	3	1	.....	.....	.....
	1909	6	60.0	.2583	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
	1910	6	60.0	.2642	.....	.....	.....	.....	.....	.....	1	3	2	.....	.....	.....
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	.....	.....
	1912	147	60.7	.2556	.....	.....	.....	5	8	6	40	46	41	1	.....	.....
Setters, male:																
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	.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	.....	.....	.....	.....
Edgemen, 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	.....	.....	.....	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	585	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	.1690	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)

(1) 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 em- ploy- ees.	Average nom- inal 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 un- der 12 cts.	12 and un- der 14 cts.	14 and un- der 16 cts.	16 and un- der 18 cts.	18 and un- der 20 cts.	20 and un- der 25 cts.	25 and un- der 30 cts.	30 and un- der 40 cts.	40 and un- der 50 cts.	50 and un- der 60 cts.	60 cts. and over.	
Planer feeders, male:																	
178 establish- ments.	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	....	....	
Sawyers, band, male:	1912	1,165	61.1	.1849	0.1	2.3	11.8	13.9	25.8	10.2	22.9	11.2	1.7	....	....	....	
34 establish- ments.	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 establish- ments.	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 establish- ments.	1911	509	61.1	.5511	....	....	....	....	....	....	.6	.6	6.9	17.3	35.2	39.5	
Sawyers, circular, male:	1912	493	61.1	.5523	....	....	....	....	....	....	.4	.6	6.3	18.7	33.5	40.6	
12 establish- ments.	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	
58 establish- ments.	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 establish- ments.	1911	95	62.5	.5036	....	....	....	....	....	....	....	3.2	8.4	28.4	42.1	17.9	
Sawyers, gang, male:	1912	94	62.5	.5091	....	....	....	....	....	....	2.1	4.3	8.5	19.1	46.8	19.1	
5 establish- ments.	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 establish- ments.	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 establish- ments.	1911	74	61.6	.3061	....	....	2.7	1.4	....	2.7	12.2	27.0	31.1	23.0	....	....	
Sawyers, resaw, male:	1912	75	61.6	.3058	....	....	1.3	5.3	....	2.7	5.3	30.7	32.0	22.7	....	....	
98 establish- ments.	1911	149	60.7	.2515	....	....	....	3.4	6.0	5.4	28.9	30.2	25.5	.7	....	....	
Setters, male:	1912	147	60.7	.2556	....	....	....	3.4	5.4	4.1	27.2	31.3	27.9	.7	....	....	
301 establish- ments.	1911	714	61.3	.2506	....	.1	2.7	4.6	4.9	3.5	22.4	34.2	27.5	.1	....	....	
Trimmer opera- tors, male:	1912	713	61.2	.2518	....	.1	2.1	5.0	3.8	4.5	21.3	36.5	26.5	.1	....	....	
37 establish- ments.	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 establish- ments.	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 establish- ments.	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 employ-ees.	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.				
1910.																				
Alabama.....	13	60	64.7	\$0.1484	...	8	22	15	7	4	4	...	...	...	...	...	...	...	...	...
Arkansas.....	17	108	61.3	.1913	...	...	...	19	42	10	17	20	...	...	...	...	...	...	...	...
California.....	9	39	60.3	.2472	...	...	...	...	...	...	20	17	1	1	...	...	...	...	...	...
Florida.....	9	53	62.6	.1675	...	...	11	22	6	5	6	2	1	...	...	...	...	...	...	...
Georgia.....	14	38	63.9	.1513	1	4	16	6	5	2	2	2	...	...	...	...	...	...	...	...
Louisiana.....	10	58	60.6	.2016	...	...	1	4	17	7	15	12	2	...	...	...	...	...	...	...
Maine.....	7	28	61.8	.2790	...	...	...	...	...	...	2	13	13	...	...	...	...	...	...	...
Michigan.....	22	121	60.0	.2445	...	...	...	...	1	2	58	45	15	...	...	...	...	...	...	...
Minnesota.....	8	108	60.0	.2966	...	...	...	...	...	...	25	5	78	...	...	...	...	...	...	...
Mississippi.....	9	91	64.6	.1542	...	2	48	9	14	5	12	1	...	...	...	...	...	...	...	...
North Carolina.....	14	59	61.9	.1526	...	1	30	7	11	4	6	...	...	...	...	...	...	...	...	...
Oregon.....	3	21	59.9	.2554	...	...	...	...	...	...	6	14	1	...	...	...	...	...	...	...
Pennsylvania.....	13	48	63.7	.2258	...	...	...	...	...	9	21	18	...	...	...	...	...	...	...	...
South Carolina.....	5	34	61.5	.1583	...	...	18	3	4	2	5	2	...	...	...	...	...	...	...	...
Tennessee.....	24	60	59.8	.1777	...	...	5	15	23	2	11	3	1	...	...	...	...	...	...	...
Texas.....	10	85	60.0	.2001	...	...	...	6	37	2	25	14	1	...	...	...	...	...	...	...
Virginia.....	9	57	62.7	.1436	...	12	22	10	8	2	3	...	...	...	...	...	...	...	...	...
Washington.....	14	84	60.0	.2480	...	...	...	...	...	...	42	30	12	...	...	...	...	...	...	...
West Virginia.....	13	41	62.7	.2246	...	...	...	...	2	7	19	11	2	...	...	...	...	...	...	...
Wisconsin.....	22	134	60.0	.2360	...	...	...	...	15	10	50	35	24	...	...	...	...	...	...	...
Total.....	245	1,327	61.4	.2088	1	27	173	116	192	73	349	244	151	1	...	...	...	...	...	...
1911.																				
Alabama.....	13	60	64.7	.1503	...	8	22	15	7	3	5	...	...	...	...	...	...	...	...	...
Arkansas.....	17	106	61.2	.1918	...	...	...	17	43	10	18	18	...	...	...	...	...	...	...	...
California.....	9	33	60.4	.2564	...	...	...	...	...	...	13	18	1	1	...	...	...	...	...	...
Florida.....	9	53	62.6	.1691	...	...	10	21	7	6	6	2	1	...	...	...	...	...	...	...
Georgia.....	14	38	63.9	.1557	1	4	14	8	5	...	4	2	...	...	...	...	...	...	...	...
Louisiana.....	10	60	60.6	.2027	...	...	1	3	14	11	17	13	1	...	...	...	...	...	...	...
Maine.....	7	29	61.9	.2806	...	...	...	...	...	...	...	15	14	...	...	...	...	...	...	...
Michigan.....	22	121	60.0	.2479	...	...	...	...	1	2	52	50	16	...	...	...	...	...	...	...
Minnesota.....	8	121	60.0	.2984	...	...	...	...	...	...	24	8	89	...	...	...	...	...	...	...
Mississippi.....	9	79	64.2	.1574	...	...	36	16	12	3	10	2	...	...	...	...	...	...	...	...
North Carolina.....	14	59	61.9	.1551	...	1	27	10	9	3	9	...	...	...	...	...	...	...	...	...
Oregon.....	3	15	59.8	.2592	...	...	...	...	...	...	4	10	1	...	...	...	...	...	...	...
Pennsylvania.....	13	42	63.6	.2302	...	...	...	...	...	7	16	19	...	...	...	...	...	...	...	...
South Carolina.....	5	34	61.5	.1593	...	...	18	3	3	3	5	2	...	...	...	...	...	...	...	...
Tennessee.....	24	60	59.8	.1814	...	...	5	13	22	2	12	5	1	...	...	...	...	...	...	...
Texas.....	10	76	60.0	.2026	...	...	...	6	22	2	32	14	...	...	...	...	...	...	...	...
Virginia.....	9	57	62.7	.1447	...	12	18	14	8	2	3	...	...	...	...	...	...	...	...	...
Washington.....	14	80	60.0	.2448	...	...	...	...	...	...	42	28	10	...	...	...	...	...	...	...
West Virginia.....	13	41	62.7	.2300	...	...	...	...	2	5	21	10	3	...	...	...	...	...	...	...
Wisconsin.....	22	134	60.0	.2378	...	...	...	...	15	9	39	45	26	...	...	...	...	...	...	...
Total.....	245	1,298	61.3	.2119	1	25	151	126	170	68	332	261	163	1	...	...	...	...	...	...

**DOGGERS: Male.**

1911.											
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			10	22	5	1	
Georgia.....	13	27	64.1	.1362	2	1	12	9	2		

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

## DOGGERS: 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.	
1911.																	
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					
Total.....	273	852	61.4	.1791	2	28	171	116	146	51	274	64					
1912.																	
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	.2263							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	.2026					3	5	13	2					
Wisconsin.....	20	69	60.0	.2070					10	13	34	12					
Total.....	273	869	61.3	.1803		25	148	128	162	66	278	62					

## EDGERMEN: Male.

<b>1910.</b>																
Alabama.....	13	22	64.6	\$0.1788		2	1	6	2	3	8					
Arkansas.....	17	51	60.9	.2568			1				12	31				
California.....	9	18	60.3	.3437									17	1		
Florida.....	9	15	62.8	.2355					1				3			
Georgia.....	14	15	64.1	.1973			2	2		5	3	3				
Louisiana.....	10	22	60.8	.2510				1				15	2			
Maine.....	7	18	62.5	.2964							2	8				
Michigan.....	22	58	60.0	.2388							9	48	1			
Minnesota.....	8	64	60.0	.3113							5	2	57			
Mississippi.....	9	32	64.5	.1980				4		13	14	1				

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 employ-ees.	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.
1910.																
North Carolina..	14	22	61.9	\$0.1761	.....	.....	5	3	5	5	3	.....	1	.....	.....	.....
Oregon.....	3	7	59.9	.3544	.....	.....	.....	.....	.....	.....	.....	.....	4	3	.....	.....
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	.....	.....	.....	.....	.....
Washington.....	14	22	60.0	.3450	.....	.....	.....	.....	.....	.....	.....	1	17	3	1	.....
West Virginia..	13	20	62.6	.2773	.....	.....	.....	.....	.....	.....	2	10	8	.....	.....	.....
Wisconsin.....	22	81	60.0	.2692	.....	.....	.....	.....	.....	1	11	46	23	.....	.....	.....
Total.....	245	585	61.2	.2553	.....	2	17	26	17	33	114	217	151	7	1	.....
1911.																
Alabama.....	13	20	64.7	.1800	.....	2	1	3	3	4	7	.....	.....	.....	.....	.....
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	.....	.....	.....	.....	.....
Washington.....	18	24	60.0	.3590	.....	.....	.....	.....	.....	.....	1	.....	17	5	1	.....
West Virginia..	16	26	62.2	.2825	.....	.....	.....	.....	.....	.....	1	15	10	.....	.....	.....
Wisconsin.....	24	94	60.0	.2735	.....	.....	.....	.....	.....	1	10	48	35	.....	.....	.....
Total.....	299	684	61.3	.2599	.....	5	16	23	21	31	129	257	185	16	1	.....
1912.																
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	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	.2599	.....	.....	.....	.....	.....	.....	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	.....	.....	.....	.....	.....
Washington.....	18	26	60.0	.3592	.....	.....	.....	.....	.....	.....	.....	1	16	8	1	.....
West Virginia..	16	26	62.2	.2811	.....	.....	.....	.....	.....	.....	2	12	12	.....	.....	.....
Wisconsin.....	24	91	60.0	.2710	.....	.....	.....	.....	.....	1	12	52	26	.....	.....	.....
Total.....	299	686	61.2	.2601	.....	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 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.	
1907.																	
Alabama.....	3	180	62.2	\$0.1311	3	26	95	56				256	19	2			
California.....	2	277	60.0	.2192													
Florida.....	3	211	60.0	.1501			23	162	16	10							
Maine.....	2	257	60.0	.1779				31	165		61						
Michigan.....	5	428	60.0	.1700			4	66	152	166	40						
North Carolina.....	4	359	62.9	.1229	33	82	207	27	9	1							
Oregon.....	2	310	59.8	.2342							206	102	2				
Pennsylvania.....	5	137	63.3	.1808				10	49	52	26						
South Carolina.....	2	84	62.1	.1098	41		43										
Tennessee.....	2	89	60.0	.1517			5	75	6	3							
Washington.....	3	971	60.0	.2187					13	29	833	93	3				
Wisconsin.....	7	724	60.0	.1758				13	538	117	56						
Other States.....	1	70	60.0	.1068		55	15										
Total.....	41	4,097	60.5	.1827	77	163	392	440	948	378	1,478	214	7				
1908.																	
Alabama.....	3	165	62.3	.1246	13	38	86	28				491	16	2			
California.....	2	257	60.0	.2072					48								
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	725	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	1,280	426	612	54	2				
1909.																	
Alabama.....	3	171	62.3	.1259	12	35	88	36									
California.....	2	311	60.0	.2005					101		190	19	1				
Florida.....	3	159	60.0	.1449			38	95	26								
Maine.....	2	312	60.0	.1824			5	23	184	10	90						
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					150		156	12					
Pennsylvania.....	5	165	62.7	.1823				7	80	49	29						
South Carolina.....	2	88	62.1	.1111	37	5	46										
Tennessee.....	2	89	60.0	.1464			32	49	6	2							
Washington.....	3	777	60.0	.1927				4	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				
1910.																	
Alabama.....	13	1,101	64.2	.1182	110	516	351	119	4	1							
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.
1910.																
North Carolina..	14	964	62.1	\$0.1172	55	476	336	87	9	1						
Oregon.....	3	613	59.8	.2237						491	121	1				
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.....	14	2,132	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				
Total.....	245	20,327	61.3	.1660	543	2,822	2,600	2,522	3,760	2,162	5,309	580	29			
1911.																
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	1,345	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.....	18	2,137	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			
Total.....	299	26,784	61.4	.1621	519	3,649	4,238	4,510	5,312	2,274	5,469	746	67			
1912.																
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	2,398	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	1,321	62.7	.1219	26	625	486	148	30	5	1					
Oregon.....	4	483	59.9	.2329					2		299	160	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		2
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			
Total.....	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.
1911.																
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	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					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			
1912.																
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.

<b>1910.</b>																	
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	.4998									12	1	3	3	
Florida.....	5	9	62.7	.5986											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.		
1910.																		
Louisiana.....	8	13	60.9	\$0.6497												1	12	5
Maine.....	6	17	62.4	.5355												2	10	5
Michigan.....	19	45	60.0	.5133												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	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														6
Tennessee.....	23	26	59.8	.4151							1	2		5		10	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
West Virginia.....	12	20	59.5	.4841												5	11	2
Wisconsin.....	22	57	60.0	.5434												1	5	30
Total.....	203	430	61.1	.5441								1	2		29	89	146	163
1911.																		
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	3
Louisiana.....	17	35	60.8	.6550													4	31
Maine.....	8	20	62.3	.5318													2	4
Michigan.....	23	52	60.0	.5120												2	9	10
Minnesota.....	7	43	60.0	.7006												2		41
Mississippi.....	9	25	64.6	.5535													1	5
North Carolina.....	14	25	63.3	.4671								1	1		4	6	9	4
Oregon.....	3	5	59.9	.6312														3
Pennsylvania.....	13	18	63.4	.3776														
South Carolina.....	6	12	61.6	.6071									1		9	8	6	6
Tennessee.....	27	33	60.5	.4134										2	1	8	13	5
Texas.....	10	23	60.0	.5891														
Virginia.....	10	20	63.6	.4786														1
Washington.....	14	27	60.0	.5689												1	5	7
West Virginia.....	15	27	59.9	.4625												8	13	4
Wisconsin.....	21	62	60.0	.5560												1	5	34
Total.....	243	509	61.1	.5511									3	3		35	88	179
1912.																		
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	62.0	.5978													4	4
Georgia.....	5	7	63.3	.5796													1	3
Louisiana.....	17	36	62.4	.6570													4	32
Maine.....	8	18	61.9	.5296													3	11
Michigan.....	23	55	60.0	.5109												2	10	33
Minnesota.....	7	40	60.0	.6963														10
Mississippi.....	9	19	64.1	.5703												2		38
North Carolina.....	14	25	63.3	.4757													12	7
Oregon.....	3	5	59.9	.6212														2
Pennsylvania.....	13	18	63.4	.3818												1	9	8
South Carolina.....	6	13	61.6	.6054														7
Tennessee.....	27	33	60.3	.4186												1	1	11

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 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.		
1912.																		
Texas.....	10	21	60.0	\$0.6071	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	16	
Virginia.....	10	20	63.6	.4785	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	8	.....	
Washington.....	14	26	60.0	.5856	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	5	6	15	
West Virginia.....	15	27	59.9	.4666	.....	.....	.....	3	.....	.....	.....	.....	1	3	18	3	.....	
Wisconsin.....	24	56	60.0	.5487	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	34	17	
Total.....	243	493	61.1	.5523	.....	.....	.....	.....	.....	.....	.....	2	3	31	92	165	200	

**SAWYERS, CIRCULAR: Male.**

[illegible]

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 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>1912.</b>																
Mississippi.....	7	10	64.8	\$0.4901	.....	.....	.....	.....	.....	.....	.....	.....	1	4	4	1
North Carolina..	3	3	60.0	.2500	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	2
Oregon.....	2	2	59.8	.8038	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Pennsylvania....	2	2	62.5	.3010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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	1	.....
Total.....	72	94	62.5	.5091	.....	.....	.....	.....	.....	.....	2	4	8	18	44	13

SAWYERS, GANG: Male.

<b>1910.</b>																
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	.....	.....	.....
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	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
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	.....	.....
<b>1911.</b>																
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	.3250	.....	.....	.....	.....	.....	.....	.....	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	.....	.....	.....
<b>1912.</b>																
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	.....	.....	.....	.....
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	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 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>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							1	4		1		
Total.....	66	75	61.6	.3058			1	4		2	4	23	24	17		

## SAWYERS, RESAW: Male.

<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	.2031						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				
Oregon.....	4	6	59.9	.3005							1	1	4			
Pennsylvania....	4	8	63.4	.2392							4					
South Carolina..	4	5	61.2	.2214				1	1	1			2			
Tennessee.....	5	6	60.0	.2204					1		3	2				
Virginia.....	3	3	60.5	.1735				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				
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					
Georgia.....	2	2	62.8	.2159							2					
Louisiana.....	2	2	63.0	.2159						1		1				
Maine.....	4	4	61.3	.2337						1	1	2				
Michigan.....	7	10	60.0	.2435							4	6				
Minnesota.....	5	13	60.0	.2982								3	10			
Mississippi.....	2	2	66.0	.1932				1			1					
North Carolina..	8	9	62.5	.1748				3	4	1		1				
Oregon.....	4	7	59.9	.3005							1	2	4			
Pennsylvania....	4	8	63.4	.2392							4	4				
South Carolina..	4	5	61.2	.2264					2	1			2			
Tennessee.....	5	6	60.0	.2208					1		3	2				
Virginia.....	3	3	60.5	.1735				1	1		1					
Washington.....	16	23	60.0	.3174								7	15	1		
West Virginia....	4	4	63.0	.2864								3	1			
Wisconsin.....	16	30	60.0	.2532						2	11	9	8			
Other States.....	1	1	60.0	.2506								1				
Total.....	98	147	60.7	.2556				5	8	6	40	46	41	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 establishments.	Number of employ-ees.	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.
1911.																
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		
1912.																
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								5	2			
Pennsylvania.....	14	24	62.8	.2465								9	15			
South Carolina.....	7	16	61.9	.1962				3	3	3	4	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						
Arkansas.....	17	22	61.1	.1872					1	9	1	11				
California.....	9	14	60.4	.2697								12	2			
Florida.....	9	14	63.4	.1502					4	4		1				
Georgia.....	13	13	64.3	.1383	1	4	1	6			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.
1910.																
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		7	2				
Virginia.....	9	12	63.2	.1531			7	2		2	1					
Washington.....	14	26	60.0	.2908						1	9	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		
1911.																
Alabama.....	12	14	64.7	.1435			8	4	2							
Arkansas.....	19	26	60.9	.1901				1	8	1	16					
California.....	14	23	60.3	.2746							2	18	3			
Florida.....	9	14	64.3	.1493		5	1	2	4	1	1					
Georgia.....	15	15	64.8	.1396		4	8	1			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					
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	25				
Total.....	294	479	61.3	.2092		15	38	42	54	25	176	100	25	4		
1912.																
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	19	2			
Florida.....	9	13	64.2	.1505		5	1		5	1	1					
Georgia.....	15	15	64.1	.1460		4	5	3		1	1	1				
Louisiana.....	21	29	61.1	.2148					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					1	2	1	3	5			
Pennsylvania.....	14	18	63.1	.2158					2	1	10	4				
South Carolina..	7	11	61.5	.1683			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 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.
CARRIAGE MEN, MALE.																
Alabama:																
13 establishments.	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 establishments.	1910	108	61.3	.1913	....	....	....	19	42	10	17	20	....	....	....	....
	1911	106	61.2	.1918	....	....	....	17	43	10	18	18	....	....	....	....
California:																
9 establishments.	1910	39	60.3	.2472	....	....	....	....	....	....	20	17	1	1	....	....
	1911	33	60.4	.2564	....	....	....	....	....	....	13	18	1	1	....	....
Florida:																
9 establishments.	1910	53	62.6	.1675	....	....	11	22	6	5	6	2	1	....	....	....
	1911	53	62.6	.1691	....	....	10	21	7	6	6	2	1	....	....	....
Georgia:																
14 establishments.	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 establishments.	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 establishments.	1910	28	61.8	.2790	....	....	....	....	....	....	2	13	13	....	....	....
	1911	29	61.9	.2806	....	....	....	....	....	....	....	15	14	....	....	....
Michigan:																
22 establishments.	1910	121	60.0	.2445	....	....	....	....	1	2	58	45	15	....	....	....
	1911	121	60.0	.2479	....	....	....	....	1	2	52	50	16	....	....	....
Minnesota:																
8 establishments.	1910	108	60.0	.2966	....	....	....	....	....	....	25	5	78	....	....	....
	1911	121	60.0	.2984	....	....	....	....	....	....	24	8	89	....	....	....
Mississippi:																
9 establishments.	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 establishments.	1910	59	61.9	.1526	....	1	30	7	11	4	6	....	....	....	....	....
	1911	59	61.9	.1551	....	1	27	10	9	3	9	....	....	....	....	....
Oregon:																
3 establishments.	1910	21	59.9	.2554	....	....	....	....	....	....	6	14	1	....	....	....
	1911	15	59.8	.2592	....	....	....	....	....	....	4	10	1	....	....	....
Pennsylvania:																
13 establishments.	1910	48	63.7	.2258	....	....	....	....	....	9	21	18	....	....	....	....
	1911	42	63.6	.2302	....	....	....	....	....	7	16	19	....	....	....	....
South Carolina:																
5 establishments.	1910	34	61.5	.1583	....	....	18	3	4	2	5	2	....	....	....	....
	1911	34	61.5	.1593	....	....	18	3	3	3	5	2	....	....	....	....
Tennessee:																
24 establishments.	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 establishments.	1910	85	60.0	.2001	....	....	....	2	37	2	25	14	1	....	....	....
	1911	76	60.0	.2026	....	....	....	6	22	2	32	14	....	....	....	....
Virginia:																
9 establishments.	1910	57	62.7	.1436	....	12	22	10	8	2	3	....	....	....	....	....
	1911	57	62.7	.1447	....	12	18	14	8	2	3	....	....	....	....	....
Washington:																
14 establishments.	1910	84	60.0	.2480	....	....	....	....	....	....	42	30	12	....	....	....
	1911	84	60.0	.2448	....	....	....	....	....	....	42	28	10	....	....	....
West Virginia:																
13 establishments.	1910	41	62.7	.2246	....	....	....	....	2	7	19	11	2	....	....	....
	1911	41	62.7	.2300	....	....	....	....	2	5	21	10	3	....	....	....
Wisconsin:																
22 establishments.	1910	134	60.0	.2360	....	....	....	....	15	10	50	35	24	....	....	....
	1911	134	60.0	.2378	....	....	....	....	15	9	39	45	26	....	....	....
DOGGERS, MALE.																
Alabama:																
13 establishments.	1911	39	64.8	.1352	....	8	20	10	1	....	....	....	....	....	....	....
	1912	41	65.0	.1350	....	8	21	10	2	....	....	....	....	....	....	....
Arkansas:																
19 establishments.	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.	60 cts. and over.
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	.2315							41	22				
	1912	67	60.0	.2283					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	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				
	1911	15	64.1	.2026			2	2		3	5	2	1			
16 establishments.	1911	18	64.6	.2019			2	2		4	7	2	1			
	1912	19	64.6	.2008			3	1	1	5	5	2	2			
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			
	1912	24	62.5	.2653						4	3	6	11			
Michigan:																
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		
	1912	69	60.0	.2607							10	57	1	1		
Minnesota:																
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			
	1912	36	63.8	.2144				4		7	18	6	1			
North Carolina:																
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		
	1912	7	59.9	.3759									3	4		
Pennsylvania:																
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	13	61.4	\$0.2108	.....	.....	.....	3	.....	1	6	3	.....	.....	.....	.....
	{ 1911	13	61.4	.2134	.....	.....	.....	2	1	1	5	4	.....	.....	.....	.....
7 establishments.	{ 1911	15	61.6	.2069	.....	.....	1	2	1	1	6	4	.....	.....	.....	.....
	{ 1912	16	61.5	.2112	.....	.....	1	2	1	1	7	4	.....	.....	.....	.....
Tennessee:																
24 establishments.	{ 1910	26	59.8	.2001	.....	.....	.....	4	5	2	10	5	.....	.....	.....	.....
	{ 1911	26	59.8	.2071	.....	.....	.....	2	7	.....	10	7	.....	.....	.....	.....
27 establishments.	{ 1911	32	60.5	.2121	.....	.....	.....	1	7	.....	15	9	.....	.....	.....	.....
	{ 1912	32	60.3	.2163	.....	.....	1	2	4	.....	13	11	1	.....	.....	.....
Texas:																
10 establishments.	{ 1910	36	60.0	.2592	.....	.....	.....	.....	.....	.....	7	26	3	.....	.....	.....
	{ 1911	31	60.0	.2566	.....	.....	.....	.....	.....	.....	8	22	1	.....	.....	.....
12 establishments.	{ 1911	34	60.0	.2522	.....	.....	.....	.....	.....	.....	12	21	1	.....	.....	.....
	{ 1912	33	60.0	.2624	.....	.....	.....	.....	.....	.....	6	22	5	.....	.....	.....
Virginia:																
9 establishments.	{ 1910	18	62.9	.1568	.....	.....	.....	8	3	4	2	1	.....	.....	.....	.....
	{ 1911	18	62.9	.1582	.....	.....	.....	8	3	3	2	.....	.....	.....	.....	.....
11 establishments.	{ 1911	22	63.5	.1581	.....	1	7	6	3	3	2	.....	.....	.....	.....	.....
	{ 1912	21	63.7	.1632	.....	.....	5	5	5	4	2	.....	.....	.....	.....	.....
Washington:																
14 establishments.	{ 1910	22	60.0	.3450	.....	.....	.....	.....	.....	.....	.....	1	17	3	1	.....
	{ 1911	20	60.0	.3620	.....	.....	.....	.....	.....	.....	.....	.....	16	3	1	.....
18 establishments.	{ 1911	24	60.0	.3590	.....	.....	.....	.....	.....	.....	1	.....	17	5	1	.....
	{ 1912	26	60.0	.3592	.....	.....	.....	.....	.....	.....	.....	1	16	8	1	.....
West Virginia:																
13 establishments.	{ 1910	20	62.6	.2773	.....	.....	.....	.....	.....	.....	2	10	8	.....	.....	.....
	{ 1911	20	62.6	.2810	.....	.....	.....	.....	.....	.....	1	11	8	.....	.....	.....
16 establishments.	{ 1911	26	62.2	.2825	.....	.....	.....	.....	.....	.....	.....	1	15	10	.....	.....
	{ 1912	26	62.2	.2811	.....	.....	.....	.....	.....	.....	2	12	12	.....	.....	.....
Wisconsin:																
22 establishments.	{ 1910	81	60.0	.2692	.....	.....	.....	.....	.....	1	11	46	23	.....	.....	.....
	{ 1911	81	60.0	.2724	.....	.....	.....	.....	.....	1	9	41	30	.....	.....	.....
24 establishments.	{ 1911	94	60.0	.2735	.....	.....	.....	.....	.....	1	10	48	35	.....	.....	.....
	{ 1912	91	60.0	.2710	.....	.....	.....	.....	.....	1	12	52	26	.....	.....	.....
LABORERS, MALE.																
Alabama:																
3 establishments.	{ 1907	180	62.2	.1311	3	26	95	56	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1908	165	62.3	.1246	13	38	86	28	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1909	171	62.3	.1259	12	35	88	36	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1910	177	62.2	.1300	11	23	90	53	.....	.....	.....	.....	.....	.....	.....	.....
13 establishments.	{ 1910	1,101	64.2	.1182	110	516	351	119	4	1	.....	.....	.....	.....	.....	.....
	{ 1911	1,094	64.2	.1206	82	513	356	137	5	1	.....	.....	.....	.....	.....	.....
13 establishments.	{ 1911	1,190	64.5	.1197	143	584	314	141	7	1	.....	.....	.....	.....	.....	.....
	{ 1912	1,403	64.8	.1207	83	572	618	104	13	6	7	.....	.....	.....	.....	.....
Arkansas:																
17 establishments.	{ 1910	954	60.6	.1522	4	8	152	506	215	45	22	2	.....	.....	.....	.....
	{ 1911	949	60.6	.1545	3	7	124	486	248	45	34	2	.....	.....	.....	.....
19 establishments.	{ 1911	1,936	60.4	.1515	7	7	345	1,064	384	56	69	4	.....	.....	.....	.....
	{ 1912	2,142	60.6	.1544	1	34	275	1,163	467	66	132	4	.....	.....	.....	.....
California:																
2 establishments.	{ 1907	277	60.0	.2192	.....	.....	.....	.....	.....	.....	256	19	2	.....	.....	.....
	{ 1908	257	60.0	.2072	.....	.....	.....	.....	.....	.....	191	16	2	.....	.....	.....
	{ 1909	311	60.0	.2005	.....	.....	.....	.....	101	.....	190	19	1	.....	.....	.....
	{ 1910	379	60.0	.2025	.....	.....	.....	.....	94	.....	262	21	2	.....	.....	.....

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—contd.																	
California—Con.																	
9 establishments.	1910	871	60.1	\$0.2032	---	---	---	---	172	69	584	43	3	---	---	---	---
	1911	741	60.1	.2073	---	---	---	---	138	68	428	102	5	---	---	---	---
14 establishments.	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 establishments.	1907	211	60.0	.1501	---	---	23	162	16	10	---	---	---	---	---	---	---
	1908	162	60.0	.1411	---	---	104	34	24	---	---	---	---	---	---	---	---
	1909	159	60.0	.1449	---	---	38	95	26	---	---	---	---	---	---	---	---
	1910	160	60.0	.1491	---	---	33	100	17	10	---	---	---	---	---	---	---
9 establishments.	1910	687	62.1	.1315	8	121	332	180	35	11	---	---	---	---	---	---	---
	1911	684	62.1	.1332	7	126	285	221	34	11	---	---	---	---	---	---	---
9 establishments.	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 establishments.	1910	872	63.7	.1197	65	448	239	102	18	---	---	---	---	---	---	---	---
	1911	867	63.7	.1223	44	411	270	120	22	---	---	---	---	---	---	---	---
16 establishments.	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 establishments.	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 establishments.	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 establishments.	1907	257	60.0	.1779	---	---	---	31	165	---	61	---	---	---	---	---	---
	1908	300	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 establishments.	1910	633	61.5	.1833	---	10	22	32	296	64	206	3	---	---	---	---	---
	1911	665	61.6	.1828	2	5	28	27	325	73	202	3	---	---	---	---	---
10 establishments.	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 establishments.	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 establishments.	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 establishments.	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 establishments.	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 establishments.	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 establishments.	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 establishments.	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 establishments.	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.	60 cts. and over.
LABORERS MALE—contd.																
North Carolina—																
Concluded.																
14 establishments.	1910	964	62.1	\$0.1172	55	476	336	87	9	1						
	1911	988	62.3	.1199	32	454	376	114	10	2						
17 establishments.	1911	1,345	63.0	.1180	83	670	467	112	12	1						
Oregon:	1912	1,321	62.7	.1219	26	625	486	148	30							
2 establishments.	1907	310	59.8	.2342								206	02	2		
	1908	385	59.8	.1927								151	24			
	1909	318	59.7	.1949								156	12			
	1910	502	59.8	.2237								414	88			
3 establishments.	1910	613	59.8	.2237								491	121	1		
	1911	332	59.8	.2241								247	83	2		
4 establishments.	1911	458	59.8	.2284								294	161	3		
Pennsylvania:	1912	483	59.9	.2329						2		299	160	22		
5 establishments.	1907	137	63.3	.1808				10	49	52	26					
	1908	146	63.0	.1818				8	66	48	24					
	1909	165	62.7	.1823				7	80	49	29					
	1910	165	62.8	.2001				2	49	51	39	24				
13 establishments.	1910	772	63.1	.1960				9	118	299	303	43				
	1911	676	63.2	.1938				5	114	262	276	19				
14 establishments.	1911	518	63.4	.1929		2	1	1	88	217	192	17				
South Carolina:	1912	654	63.1	.1900		2	6	16	163	232	215	20				
2 establishments.	1907	84	62.1	.1098	41		43									
	1908	84	62.1	.1069	50		34									
	1909	88	62.1	.1111	37	5	46									
	1910	96	62.2	.1136	26	32	38									
5 establishments.	1910	618	61.3	.1097	145	257	182	34								
	1911	608	61.3	.1143	64	288	209	47								
7 establishments.	1911	721	61.5	.1143	71	355	244	48	2	1						
Tennessee:	1912	871	61.1	.1156	63	423	326	44	12	2	1					
2 establishments.	1907	89	60.0	.1517			5	75	6	3						
	1908	86	60.0	.1069			30	48	6	2						
	1909	89	60.0	.1464			32	49	6	2						
	1910	65	60.0	.1481			5	52	6	2						
23 establishments.	1910	716	59.8	.1416		58	234	357	57	2	8					
	1911	733	59.8	.1427		34	250	373	66	2	8					
27 establishments.	1911	1,006	60.4	.1444	1	40	304	546	96	2	16					
Texas:	1912	919	60.6	.1462	2	40	286	471	78	10	24	7	1			
10 establishments.	1910	727	60.0	.1595	6	9	97	286	227	13	81	8				
	1911	723	60.0	.1632		1	68	292	254	8	92	8				
12 establishments.	1911	1,359	60.0	.1607		3	121	648	407	36	134	10				
Virginia:	1912	1,380	60.0	.1658		4	82	575	483	35	173	26	1	1		
9 establishments.	1910	814	63.2	.1154	100	419	199	70	20	5	1					
	1911	785	63.2	.1201	45	386	249	77	20	5	3					
11 establishments.	1911	826	63.0	.1218	27	320	362	85	24	5	3					
	1912	788	63.4	.1221	59	301	291	101	26	6	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	1,588	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	1,965	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		2									
	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	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	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 employ-ees.	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 over.	
PLANER FEEDERS, MALE—concd.																
Oregon:																
4 establish-ments.	(1911	39	59.9	\$0.2786	.....	.....	.....	.....	.....	.....	.....	31	8	.....	.....	.....
	1912)	42	59.9	.2778	.....	.....	.....	.....	.....	.....	.....	33	9	.....	.....	.....
Pennsylvania:																
8 establish-ments.	(1911	10	63.3	.2322	.....	.....	.....	.....	1	1	3	5	.....	.....	.....	.....
	1912)	10	63.3	.2332	.....	.....	.....	.....	.....	2	3	5	.....	.....	.....	.....
South Carolina:																
3 establish-ments.	(1911	12	63.1	.1327	.....	3	4	5	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	11	62.9	.1316	.....	.....	8	3	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee:																
6 establish-ments.	(1911	14	62.6	.1568	.....	.....	5	3	1	3	2	.....	.....	.....	.....	.....
	1912)	17	62.5	.1585	.....	.....	7	4	.....	3	3	.....	.....	.....	.....	.....
Texas:																
12 establish-ments.	(1911	106	60.0	.1672	.....	3	8	24	53	2	16	.....	.....	.....	.....	.....
	1912)	103	60.0	.1748	.....	.....	.....	17	61	3	17	2	.....	.....	.....	.....
Virginia:																
4 establish-ments.	(1911	20	61.8	.1559	.....	5	2	2	.....	.....	6	.....	.....	.....	.....	.....
	1912)	18	61.1	.1665	.....	2	3	2	6	1	4	.....	.....	.....	.....	.....
Washington:																
16 establish-ments.	(1911	93	60.0	.2375	.....	.....	.....	.....	.....	.....	42	48	3	.....	.....	.....
	1912)	100	60.0	.2419	.....	.....	.....	.....	2	.....	42	52	4	.....	.....	.....
West Virginia:																
11 establish-ments.	(1911	30	62.7	.2086	.....	.....	.....	.....	1	7	18	.....	.....	.....	.....	.....
	1912)	31	62.6	.2096	.....	.....	.....	.....	1	7	19	4	.....	.....	.....	.....
Wisconsin:																
13 establish-ments.	(1911	82	60.0	.1917	.....	.....	.....	.....	2	18	23	39	.....	.....	.....	.....
	1912)	83	60.0	.1948	.....	.....	.....	.....	2	12	23	46	.....	.....	.....	.....
SAWYERS, BAND, MALE.																
Alabama:																
7 establish-ments.	(1910	12	64.2	.5457	.....	.....	.....	.....	.....	.....	.....	.....	1	1	9	1
	1911)	12	64.2	.5574	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	8	2
7 establish-ments.	(1911	9	64.3	.5400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	8	64.1	.5524	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	6	1
Arkansas:																
14 establish-ments.	(1910	28	61.3	.6326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911)	28	61.3	.6434	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	24
16 establish-ments.	(1911	33	61.1	.6505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	32	60.9	.6513	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	30
California:																
9 establish-ments.	(1910	16	60.4	.4995	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911)	15	60.4	.5295	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	5	3
11 establish-ments.	(1911	25	60.0	.5325	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	26	60.0	.5311	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	13	3
Florida:																
5 establish-ments.	(1910	9	62.7	.5980	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911)	9	62.7	.6091	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	5
4 establish-ments.	(1911	8	63.0	.5978	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	8	63.0	.5978	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4
Georgia:																
4 establish-ments.	(1910	5	62.4	.5618	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911)	5	62.4	.5718	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3
5 establish-ments.	(1911	7	63.3	.5659	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	7	63.3	.5796	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3
Louisiana:																
8 establish-ments.	(1910	13	60.9	.6497	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1911)	13	60.9	.6573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	12
17 establish-ments.	(1911	35	60.8	.6550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1912)	36	62.4	.6570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	31

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.												60 cts. and over.
					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.		
SAWYERS, BAND, MALE—contd.																	
Maine:																	
6 establishments.	1910	17	62.4	\$0.5355											2	10	5
	1911	18	62.5	.5340											2	11	5
8 establishments.	1911	20	62.3	.5318											2	14	4
	1912	18	61.9	.5296											3	11	4
Michigan:																	
19 establishments.	1910	45	60.0	.5133										2	9	24	10
	1911	45	60.0	.5133										2	9	24	10
23 establishments.	1911	52	60.0	.5120										2	9	31	10
	1912	55	60.0	.5109										2	10	33	10
Minnesota:																	
8 establishments.	1910	38	60.0	.6888										2			36
	1911	48	60.0	.7099										2			46
7 establishments.	1911	43	60.0	.7006										2			41
	1912	40	60.0	.6963										2			38
Mississippi:																	
7 establishments.	1910	21	64.9	.5541											1	17	3
	1911	19	64.7	.5416										1	14	3	
9 establishments.	1911	25	64.6	.5535												19	5
	1912	19	64.1	.5703												12	7
North Carolina:																	
11 establishments.	1910	20	62.1	.4890										2	7	7	4
	1911	20	62.1	.4890										2	7	7	4
14 establishments.	1911	25	63.3	.4671								1	1	4	6	9	4
	1912	25	63.3	.4757								1	3	7	11	3	
Oregon:																	
2 establishments.	1910	4	59.9	.6515												1	3
	1911	3	59.8	.6520												1	2
3 establishments.	1911	5	59.9	.6312												2	3
	1912	5	59.9	.6212												2	3
Pennsylvania:																	
13 establishments.	1910	24	63.7	.4049										9	13	2	
	1911	22	63.7	.4037										9	11	2	
13 establishments.	1911	18	63.4	.3776									1	9	8		
	1912	18	63.4	.3818									1	9	8		
South Carolina:																	
4 establishments.	1910	10	61.4	.6285												4	6
	1911	10	61.4	.6285												4	6
6 establishments.	1911	12	61.6	.6071												6	6
	1912	13	61.6	.6054												7	6
Tennessee:																	
23 establishments.	1910	26	59.8	.4151							1	2	5	10	5	3	
	1911	26	59.8	.4155							2	1	5	10	4	4	
27 establishments.	1911	33	60.5	.4134							2	1	8	13	5	4	
	1912	33	60.3	.4186							1	1	11	12	4	4	
Texas:																	
9 establishments.	1910	22	60.0	.5795												9	13
	1911	21	60.0	.6024												5	16
10 establishments.	1911	23	60.0	.5891												9	14
	1912	21	60.0	.6071												5	16
Virginia:																	
8 establishments.	1910	17	63.0	.4827												9	8
	1911	17	63.0	.4853												9	8
10 establishments.	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 establishments.	Year.	Number of employ-ees.	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, BAND, MALE—concl'd.																
Washington: 12 establishments.	1910	26	60.0	\$0.5494									2	6	7	11
	1911	25	60.0	.5544									1	6	8	10
14 establishments.	1911	27	60.0	.5689									1	5	7	14
	1912	26	60.0	.5856										5	6	15
West Virginia: 12 establishments.	1910	20	59.5	.4841									5	11	2	2
	1911	20	59.5	.4863									5	11	2	2
15 establishments.	1911	27	59.9	.4625									8	13	4	2
	1912	27	59.9	.4666								1	3	18	3	2
Wisconsin: 22 establishments.	1910	57	60.0	.5434									1	5	30	21
	1911	57	60.0	.5491									1	5	30	21
24 establishments.	1911	62	60.0	.5560									1	5	34	22
	1912	56	60.0	.5487									1	4	34	17
SAWYERS, CIRCULAR, MALE.																
Alabama: 6 establishments.	1910	9	65.0	.5044									1		5	2
	1911	9	65.0	.5069									1		5	2
7 establishments.	1911	10	65.1	.5108									1		6	2
	1912	10	65.1	.4908									1		6	1
Arkansas: 4 establishments.	1910	4	60.0	.4717										1	3	
	1911	4	60.0	.4717										1	3	
2 establishments.	1911	2	60.0	.5184											2	
	1912	2	60.0	.5434											2	
California: 3 establishments.	1911	3	62.0	.5173											1	2
	1912	3	62.0	.5375											1	2
Florida: 4 establishments.	1910	7	62.6	.4532									1	3	2	1
	1911	7	62.6	.4532									1	3	2	1
5 establishments.	1911	8	63.8	.4450									1	1	3	1
	1912	7	63.4	.5355									1	2	2	2
Georgia: 10 establishments.	1910	12	65.2	.4536										2	8	1
	1911	12	65.2	.4536										2	8	1
11 establishments.	1911	13	65.8	.4607										2	8	1
	1912	13	66.0	.4276										3	3	4
Louisiana: 4 establishments.	1910	4	60.0	.6375											1	3
	1911	4	60.0	.6250											1	3
6 establishments.	1911	6	61.0	.6288											2	4
	1912	6	61.0	.6371											2	4
Maine: 2 establishments.	1911	2	65.0	.4500												
	1912	2	65.0	.4500												
Michigan: 7 establishments.	1910	14	60.0	.5018											4	10
	1911	14	60.0	.5107											3	11
6 establishments.	1911	14	60.0	.5107											3	11
	1912	17	60.0	.5206											3	13
Mississippi: 3 establishments.	1910	6	63.0	.4758											4	2
	1911	5	63.6	.4709											4	1
7 establishments.	1911	11	64.9	.4785											6	4
	1912	10	64.8	.4991											1	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.												
					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, CIRCULAR, MALE—concluded.																	
North Carolina:																	
3 establishments.	1910	3	60.0	\$0.3333	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	
	1911	3	60.0	.3333	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	
3 establishments.	1911	3	60.0	.3333	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	
	1912	3	60.0	.2500	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	
Oregon:																	
2 establishments.	1910	3	59.8	.7859	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	
	1911	2	59.8	.8038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
2 establishments.	1911	2	59.8	.8038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
	1912	2	59.8	.8038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
Pennsylvania:																	
2 establishments.	1911	2	62.5	.3010	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
	1912	2	62.5	.3010	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Texas:																	
3 establishments.	1910	5	60.0	.5300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	
	1911	5	60.0	.5500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	
4 establishments.	1911	5	60.0	.5500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	
	1912	5	60.0	.5500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	
Washington:																	
4 establishments.	1910	5	60.0	.5500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	
	1911	5	60.0	.5600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	
7 establishments.	1911	8	60.0	.5875	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	
	1912	7	60.0	.6143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	
Wisconsin:																	
2 establishments.	1910	2	60.0	.5375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
	1911	2	60.0	.5375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
2 establishments.	1911	2	60.0	.5375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
	1912	2	60.0	.5375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
SAWYERS, GANG, MALE.																	
Alabama:																	
6 establishments.	1910	9	65.1	.2360	.....	.....	.....	1	.....	.....	4	4	.....	.....	.....	.....	
	1911	9	65.1	.2360	.....	.....	.....	1	.....	.....	4	4	.....	.....	.....	.....	
6 establishments.	1911	7	65.8	.2216	.....	.....	1	1	.....	.....	2	3	.....	.....	.....	.....	
	1912	8	65.6	.2088	.....	.....	1	2	.....	1	1	3	.....	.....	.....	.....	
Arkansas:																	
7 establishments.	1910	7	60.0	.3050	.....	.....	.....	.....	.....	.....	1	1	4	1	.....	.....	
	1911	7	60.0	.3086	.....	.....	.....	.....	.....	.....	1	1	4	1	.....	.....	
8 establishments.	1911	8	60.0	.3256	.....	.....	.....	.....	.....	.....	.....	2	4	2	.....	.....	
	1912	8	60.0	.3306	.....	.....	.....	.....	.....	.....	.....	1	5	2	.....	.....	
California:																	
3 establishments.	1910	3	60.0	.3250	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	
	1911	3	60.0	.3250	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	
2 establishments.	1911	2	60.0	.2875	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	
	1912	2	60.0	.2875	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	
Florida:																	
4 establishments.	1911	4	66.0	.2625	.....	.....	.....	.....	1	.....	.....	2	1	.....	.....	.....	
	1912	4	66.0	.2671	.....	.....	.....	.....	.....	.....	1	3	.....	.....	.....	.....	
Georgia:																	
4 establishments.	1910	4	64.5	.2290	.....	.....	1	.....	.....	1	.....	1	1	.....	.....	.....	
	1911	4	64.5	.2290	.....	.....	1	.....	.....	1	.....	1	1	.....	.....	.....	
4 establishments.	1911	4	64.5	.2290	.....	.....	1	.....	.....	1	.....	1	1	.....	.....	.....	
	1912	4	64.5	.2352	.....	.....	.....	2	.....	.....	.....	1	1	.....	.....	.....	
Louisiana:																	
9 establishments.	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 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, GANG, MALE—concl.																
Minnesota:																
6 establishments.	1910	10	60.0	\$0.4010	—	—	—	—	—	—	—	—	—	4	4	2
	1911	8	60.0	.3763	—	—	—	—	—	—	—	—	—	4	4	—
establishments.	1911	7	60.0	.3729	—	—	—	—	—	—	—	—	—	4	3	—
	1912	7	60.0	.3764	—	—	—	—	—	—	—	—	—	3	4	—
Mississippi:																
4 establishments.	1910	4	63.0	.2551	—	—	—	—	—	—	2	1	1	—	—	—
	1911	4	63.0	.2551	—	—	—	—	—	—	2	1	1	—	—	—
5 establishments.	1911	5	62.4	.2541	—	—	—	—	—	—	2	2	1	—	—	—
	1912	5	62.5	.2461	—	—	—	—	—	1	1	2	1	—	—	—
Oregon:																
2 establishments.	1911	2	60.0	.3250	—	—	—	—	—	—	—	—	—	2	—	—
	1912	2	60.0	.3250	—	—	—	—	—	—	—	—	—	2	—	—
Texas:																
2 establishments.	1910	3	60.0	.3750	—	—	—	—	—	—	—	—	—	2	1	—
	1911	2	60.0	.4125	—	—	—	—	—	—	—	—	—	—	2	—
3 establishments.	1911	3	60.0	.4250	—	—	—	—	—	—	—	—	—	—	3	—
	1912	3	60.0	.4250	—	—	—	—	—	—	—	—	—	—	3	—
Virginia:																
2 establishments.	1911	2	66.0	.3182	—	—	—	—	—	—	1	—	—	—	1	—
	1912	2	66.0	.3296	—	—	—	—	—	—	—	1	—	—	1	—
Washington:																
3 establishments.	1910	3	60.0	.3167	—	—	—	—	—	—	—	—	—	3	—	—
	1911	4	60.0	.3250	—	—	—	—	—	—	—	—	—	4	—	—
o establishments.	1911	3	60.0	.3167	—	—	—	—	—	—	—	—	—	3	—	—
	1912	3	60.0	.3250	—	—	—	—	—	—	—	—	—	3	—	—
Wisconsin:																
8 establishments.	1910	12	60.0	.3092	—	—	—	—	—	—	1	5	3	3	—	—
	1911	10	60.0	.2960	—	—	—	—	—	—	1	5	2	2	—	—
9 establishments.	1911	11	60.0	.3032	—	—	—	—	—	—	—	1	5	3	2	—
	1912	12	60.0	.3000	—	—	—	—	—	—	—	—	7	3	2	—
SAWYERS, RESAW, MALE.																
Arkansas:																
2 establishments.	1911	3	62.0	.2408	—	—	—	—	—	—	—	2	1	—	—	—
	1912	3	62.0	.2408	—	—	—	—	—	—	—	2	1	—	—	—
California:																
7 establishments.	1911	14	60.0	.2343	—	—	—	—	—	—	1	8	4	1	—	—
	1912	13	60.0	.2385	—	—	—	—	—	—	—	8	4	1	—	—
Florida:																
2 establishments.	1911	2	60.0	.1950	—	—	—	—	—	—	1	1	—	—	—	—
	1912	2	60.0	.2000	—	—	—	—	—	—	—	2	—	—	—	—
Georgia:																
2 establishments.	1911	2	62.8	.1909	—	—	—	—	—	—	—	1	—	—	—	—
	1912	2	62.8	.2159	—	—	—	—	—	—	—	—	2	—	—	—
Louisiana:																
2 establishments.	1911	2	63.0	.2034	—	—	—	—	—	—	1	1	—	—	—	—
	1912	2	63.0	.2159	—	—	—	—	—	—	—	—	1	—	—	—
Maine:																
4 establishments.	1911	4	61.3	.2274	—	—	—	—	—	—	1	2	1	—	—	—
	1912	4	61.3	.2337	—	—	—	—	—	—	1	1	2	—	—	—
Michigan:																
7 establishments.	1911	11	60.0	.2418	—	—	—	—	—	—	—	5	6	—	—	—
	1912	10	60.0	.2435	—	—	—	—	—	—	—	—	6	—	—	—
Minnesota:																
5 establishments.	1911	11	60.0	.2886	—	—	—	—	—	—	—	—	—	5	6	—
	1912	13	60.0	.2982	—	—	—	—	—	—	—	—	3	10	—	—
Mississippi:																
2 establishments.	1911	2	66.0	.2046	—	—	—	—	—	—	1	1	—	—	—	—
	1912	2	66.0	.1293	—	—	—	—	—	—	—	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: 19 establishments.	1911	35	60.9	.2455							13	22				
	1912	35	60.9	.2496							9	26				
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			2	8	2				
	1912	22	65.2	.1834		1	8	1	1	1	7	3				
Louisiana: 21 establishments.	1911	53	61.0	.2584							17	24	12			
	1912	52	61.0	.2617							13	26	13			
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: 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	.....	.....	.....	.....
Tennessee: 27 establishments.	1912	16	61.9	.1962	.....	.....	.....	3	3	3	4	3	.....	.....	.....	.....
Texas: 12 establishments.	1911	34	60.5	.2047	.....	.....	.....	6	8	.....	12	7	1	.....	.....	.....
Virginia: 11 establishments.	1912	34	60.3	.2032	.....	.....	1	6	9	.....	9	8	1	.....	.....	.....
Washington: 19 establishments.	1911	32	60.0	.2469	.....	.....	.....	.....	.....	.....	11	20	1	.....	.....	.....
West Virginia: 16 establishments.	1912	32	60.0	.2508	.....	.....	.....	.....	.....	.....	10	18	4	.....	.....	.....
Wisconsin: 24 establishments.	1911	22	63.3	.1645	.....	.....	2	10	5	2	3	.....	.....	.....	.....	.....
	1912	22	63.3	.1646	.....	.....	3	9	6	2	4	.....	.....	.....	.....	.....
	1911	39	60.0	.2835	.....	.....	.....	.....	.....	.....	2	17	20	.....	.....	.....
	1912	39	60.0	.2814	.....	.....	.....	.....	.....	.....	3	17	19	.....	.....	.....
	1911	31	62.2	.2546	.....	.....	.....	.....	.....	.....	8	19	4	.....	.....	.....
	1912	31	62.3	.2541	.....	.....	.....	.....	.....	.....	9	18	4	.....	.....	.....
	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	.....	.....	.....	.....	.....	.....	.....
Arkansas: 17 establishments.	1912	14	64.7	.1440	.....	1	8	2	2	1	.....	.....	.....	.....	.....	.....
	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	.....	.....	.....	.....	.....
	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	.....	.....	.....	.....
	1912	15	64.1	.1460	.....	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	60.6	.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		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	.2953						1	5	4	11	3		
18 establishments.	1911	26	60.0	.3023						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.	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.
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	38	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	.....	.....	.....	43	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
Edgemen, 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	-----	( <sup>1</sup> )	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	-----

<sup>1</sup> 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 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.	Over 66.
Sawyers, circular, male:										
12 establishments...	1907	14	61.3	-----	-----	7.1	71.4	-----	7.1	14.3
	1908	14	61.3	-----	-----	7.1	71.4	-----	7.1	14.3
	1909	13	61.3	-----	-----	7.7	69.2	-----	7.7	15.4
	1910	14	61.3	-----	-----	7.1	71.4	-----	7.1	14.3
58 establishments...	1910	81	61.9	-----	-----	1.2	66.7	-----	2.5	3.7
	1911	78	62.0	-----	-----	1.3	65.4	-----	2.6	3.8
72 establishments...	1911	95	62.5	-----	-----	1.1	56.8	-----	4.2	3.2
	1912	94	62.5	-----	-----	1.1	58.5	-----	4.3	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	20.3
	1911	60	61.6	-----	-----	-----	71.7	1.7	3.3	23.3
66 establishments...	1911	74	61.6	-----	-----	-----	71.6	-----	2.7	25.7
	1912	75	61.6	-----	-----	-----	70.7	-----	4.0	25.3
Sawyers, resaw, male:										
98 establishments...	1911	149	60.7	-----	-----	1.3	85.9	-----	4.7	8.1
	1912	147	60.7	-----	-----	1.4	85.7	-----	4.8	8.2
Setters, male:										
301 establishments...	1911	714	61.3	-----	0.1	1.1	75.2	.4	5.2	16.9
	1912	713	61.2	-----	.3	1.3	75.3	.4	5.5	16.3
Trimmers, male:										
37 establishments...	1907	72	60.7	-----	1.4	1.4	83.3	1.4	2.8	6.9
	1908	68	60.7	-----	1.5	1.5	82.4	1.5	2.9	7.4
	1909	72	60.7	-----	1.4	1.4	83.3	1.4	2.8	6.9
	1910	74	60.7	-----	1.4	1.4	82.4	2.7	2.7	6.8
228 establishments...	1910	503	61.0	-----	.8	1.0	78.9	1.0	2.4	15.3
	1911	485	61.0	-----	.8	1.0	79.0	1.0	2.5	15.1
294 establishments...	1911	479	61.3	-----	.2	1.0	75.6	.6	4.4	17.3
	1912	441	61.3	-----	.5	1.4	75.1	.5	4.8	17.0



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.
1910.											
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
1911.											
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
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
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 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.
1911.											
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
1912.											
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
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
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	.....	.....	2	5	.....	.....	.....
Pennsylvania.....	13	25	63.8	.....	.....	.....	9	.....	2	14
South Carolina.....	5	13	61.4	.....	.....	.....	8	2	1	2
Tennessee.....	24	26	59.8	.....	2	2	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 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.
1910.											
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	3
1911.											
Alabama.....	13	20	64.7				4		3	11	2
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	2
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	4
1912.											
Alabama.....	13	18	64.6				4		3	9	2
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	2
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	4

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 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.
1907.											
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		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
1908.											
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		155	74	
Oregon.....	2	385	59.8			185	200				
Pennsylvania.....	5	146	63.0				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
1909.											
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		157	77	
Oregon.....	2	318	59.7			171	147				
Pennsylvania.....	5	165	62.7				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
1910.											
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 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.
1910.											
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
1911.											
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
1912.											
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	.....	.....	.....	451	.....	.....	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 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.
1911.										
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
1912.										
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 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.
1910.											
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	.....
1911.											
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	.....
1912.											
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.

SAWIERS, CIRCULAR: 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.
1910.											
Alabama.....	6	9	65.0	.....	.....	.....	2	.....	.....	5	2
Arkansas.....	4	4	60.0	.....	.....	.....	4	.....	.....	.....	.....
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	.....
Total.....	58	81	61.9	.....	.....	1	54	.....	2	21	3
1911.											
Alabama.....	7	10	65.1	.....	.....	.....	2	.....	.....	6	2
Arkansas.....	2	2	60.0	.....	.....	.....	2	.....	.....	.....	.....
California.....	3	3	62.0	.....	.....	.....	2	.....	.....	1	.....
Florida.....	5	8	63.8	.....	.....	.....	3	.....	.....	5	.....
Georgia.....	11	13	65.8	.....	.....	.....	2	.....	.....	10	1
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	.....
Total.....	72	95	62.5	.....	.....	1	54	.....	4	33	3
1912.											
Alabama.....	7	10	65.1	.....	.....	.....	2	.....	.....	6	2
Arkansas.....	2	2	60.0	.....	.....	.....	2	.....	.....	.....	.....
California.....	3	3	62.0	.....	.....	.....	2	.....	.....	1	.....
Florida.....	5	7	63.4	.....	.....	.....	3	.....	.....	4	.....
Georgia.....	11	13	66.0	.....	.....	.....	2	.....	.....	7	4
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	1	.....
Total.....	72	94	62.5	.....	.....	1	55	.....	4	28	6

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 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.
1910.											
Alabama.....	6	9	65.1					1	2	6	
Arkansas.....	7	7	60.0				7				
California.....	3	3	60.0				3				
Georgia.....	4	4	64.5				1			3	
Minnesota.....	6	10	60.0				10				
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	
1911.											
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	
1912.											
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	.....	.....
Louisiana.....	2	2	63.0	.....	.....	.....	1	.....	.....	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 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.
1911.											
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	
1912.											
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	2
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	4
Louisiana.....	21	53	61.0				43		6	4	
Maine.....	10	31	61.8				20		11		
Michigan.....	25	70	60.0				70				
Minnesota.....	8	81	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				5				
Pennsylvania.....	14	24	62.8				12		5	7	
South Carolina.....	7	15	62.0				8		2	4	
Tennessee.....	27	34	60.3		1	2	27		1	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.
1911.											
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	62.2	.....	.....	.....	19	.....	3	9	.....
Wisconsin.....	24	81	60.0	.....	.....	.....	81	.....	.....	.....	.....
Total.....	301	714	61.3	.....	1	8	537	3	38	121	6
1912.											
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	.....	.....	.....	5	.....	.....	.....	.....
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	.....	.....	.....	.....
Total.....	301	713	61.2	.....	2	9	537	3	39	116	7

TRIMMER OPERATORS: Male.

<b>1910.</b>										
Alabama.....	12	17	64.5	.....	.....	.....	3	1	3	8
Arkansas.....	17	22	61.1	.....	.....	.....	18	.....	.....	4
California.....	9	14	60.4	.....	.....	.....	13	.....	.....	1
Florida.....	9	14	63.4	.....	.....	.....	6	.....	.....	.....
Georgia.....	13	13	64.3	.....	.....	.....	4	.....	.....	8
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	.....	.....	.....
Total.....	228	503	61.0	.....	4	5	397	5	12	77

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 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.
1911.										
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	62.9			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
1912.										
Alabama.....	12	14	64.7				3		2	7
Arkansas.....	19	26	60.7				23			3
California.....	14	23	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		1	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.
CARRIAGEMEN, MALE.											
Alabama: 13 establishments...	{ 1910 1911	60 60	64.7 64.7	..... .....	..... .....	..... .....	11 11	2 2	9 9	31 31	7 7
Arkansas: 17 establishments...	{ 1910 1911	108 106	61.3 61.2	..... .....	..... .....	..... .....	84 85	..... .....	..... .....	24 21	..... .....
California: 9 establishments...	{ 1910 1911	39 33	60.3 60.4	..... .....	..... .....	..... .....	37 31	..... .....	..... .....	2 2	..... .....
Florida: 9 establishments...	{ 1910 1911	53 53	62.6 62.6	..... .....	..... .....	..... .....	30 30	..... .....	..... .....	23 23	..... .....
Georgia: 14 establishments...	{ 1910 1911	38 38	63.9 63.9	..... .....	..... .....	..... .....	14 14	..... .....	..... .....	22 22	2 2
Louisiana: 10 establishments...	{ 1910 1911	58 60	60.6 60.6	..... .....	..... .....	..... .....	52 54	..... .....	..... .....	6 6	..... .....
Maine: 7 establishments...	{ 1910 1911	28 29	61.8 61.9	..... .....	..... .....	..... .....	18 18	..... .....	10 11	..... .....	..... .....
Michigan: 22 establishments...	{ 1910 1911	121 121	60.0 60.0	..... .....	..... .....	..... .....	121 121	..... .....	..... .....	..... .....	..... .....
Minnesota: 8 establishments:	{ 1910 1911	108 121	60.0 60.0	..... .....	..... .....	..... .....	108 121	..... .....	..... .....	..... .....	..... .....
Mississippi: 9 establishments...	{ 1910 1911	91 79	64.6 64.2	..... .....	..... .....	..... .....	21 24	..... .....	..... .....	70 55	..... .....
North Carolina: 14 establishments...	{ 1910 1911	59 59	61.9 61.9	..... .....	2 2	6 6	27 27	3 3	6 6	15 15	..... .....
Oregon: 3 establishments...	{ 1910 1911	21 15	59.9 59.8	..... .....	..... .....	..... .....	6 6	15 9	..... .....	..... .....	..... .....
Pennsylvania: 13 establishments...	{ 1910 1911	48 42	63.7 63.6	..... .....	..... .....	..... .....	18 16	..... .....	4 4	26 22	..... .....
South Carolina: 5 establishments...	{ 1910 1911	34 34	61.5 61.5	..... .....	..... .....	..... .....	21 21	4 4	3 3	6 6	..... .....
Tennessee: 24 establishments...	{ 1910 1911	60 60	59.8 59.8	..... .....	4 4	4 4	48 48	..... .....	4 4	..... .....	..... .....
Texas: 10 establishments	{ 1910 1911	85 76	60.0 60.0	..... .....	..... .....	..... .....	85 76	..... .....	..... .....	..... .....	..... .....
Virginia: 9 establishments...	{ 1910 1911	57 57	62.7 62.7	..... .....	..... .....	6 6	18 18	3 3	6 6	24 24	..... .....
Washington: 14 establishments...	{ 1910 1911	84 80	60.0 60.0	..... .....	..... .....	..... .....	84 80	..... .....	..... .....	..... .....	..... .....
West Virginia: 13 establishments...	{ 1910 1911	41 41	62.7 62.7	..... .....	..... .....	..... .....	21 21	..... .....	8 8	12 12	..... .....
Wisconsin: 22 establishments...	{ 1910 1911	134 134	60.0 60.0	..... .....	..... .....	..... .....	134 134	..... .....	..... .....	..... .....	..... .....
DOGGERS, MALE.											
Alabama: 13 establishments...	{ 1911 1912	39 41	64.8 65.0	..... .....	..... .....	..... .....	8 7	..... .....	4 5	22 24	5 5
Arkansas: 19 establishments...	{ 1911 1912	69 73	60.9 60.8	..... .....	..... .....	..... .....	59 63	..... .....	..... .....	10 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 1912	32 33	60.2 60.2	.....	.....	.....	31 32	.....	.....	1 1	.....
Florida: 9 establishments...	{ 1911 1912	39 35	63.2 63.3	.....	.....	.....	18 16	.....	.....	21 19	.....
Georgia: 13 establishments...	{ 1911 1912	27 28	64.1 64.0	.....	.....	.....	10 11	.....	4 4	10 10	3 3
Louisiana: 21 establishments...	{ 1911 1912	91 91	60.5 60.5	.....	.....	.....	83 83	.....	3 3	5 5	.....
Maine: 4 establishments...	{ 1911 1912	8 10	63.8 64.0	.....	.....	.....	2 2	.....	6 8	.....	.....
Michigan: 25 establishments...	{ 1911 1912	73 86	60.0 60.0	.....	.....	.....	73 86	.....	.....	.....	.....
Minnesota: 4 establishments...	{ 1911 1912	31 30	60.0 60.0	.....	.....	.....	31 30	.....	.....	.....	.....
Mississippi: 15 establishments...	{ 1911 1912	73 62	64.3 64.3	.....	.....	.....	21 18	.....	.....	52 44	.....
North Carolina: 15 establishments...	{ 1911 1912	41 42	62.8 62.7	.....	.....	4 4	16 17	.....	8 8	13 13	.....
Oregon: 4 establishments...	{ 1911 1912	14 14	59.9 59.9	.....	.....	4 4	10 10	.....	.....	.....	.....
Pennsylvania: 10 establishments...	{ 1911 1912	13 13	64.4 64.4	.....	.....	.....	3 3	.....	3 3	7 7	.....
South Carolina: 6 establishments...	{ 1911 1912	24 26	61.4 61.4	.....	.....	.....	16 16	2 4	2 2	4 4	.....
Tennessee: 26 establishments...	{ 1911 1912	40 40	60.4 60.0	.....	1 2	2 3	33 31	.....	.....	4 4	.....
Texas: 12 establishments...	{ 1911 1912	42 44	60.0 60.0	.....	.....	.....	42 44	.....	.....	.....	.....
Virginia: 11 establishments...	{ 1911 1912	44 42	63.3 63.5	.....	.....	4 4	12 9	2 2	4 4	22 23	.....
Washington: 19 establishments...	{ 1911 1912	63 67	60.0 60.0	.....	.....	.....	63 67	.....	.....	.....	.....
West Virginia: 14 establishments...	{ 1911 1912	24 23	62.4 62.3	.....	.....	.....	14 14	.....	3 2	7 7	.....
Wisconsin: 20 establishments...	{ 1911 1912	65 69	60.0 60.0	.....	.....	.....	65 69	.....	.....	.....	.....
EDGERMEN, MALE.											
Alabama: 13 establishments...	{ 1910 1911	22 22	64.6 64.6	.....	.....	.....	4 4	1 1	4 4	11 11	2 2
13 establishments...	{ 1911 1912	20 18	64.7 64.6	.....	.....	.....	4 4	.....	3 3	11 9	2 2
Arkansas: 17 establishments...	{ 1910 1911	51 50	60.9 60.7	.....	.....	.....	43 44	.....	.....	8 6	.....
19 establishments...	{ 1911 1912	57 52	60.6 60.6	.....	.....	.....	51 47	.....	.....	6 5	.....
California: 9 establishments...	{ 1910 1911	18 16	60.3 60.4	.....	.....	.....	17 15	.....	.....	1 1	.....
14 establishments...	{ 1911 1912	26 32	60.2 60.2	.....	.....	.....	25 31	.....	.....	1 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	1
	{ 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	51
	{ 1911	1,094	64.2				242	65	175	561	51
13 establishments...	{ 1911	1,190	64.5				225		301	613	51
	{ 1912	1,403	64.8				198		394	699	112
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	687	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.	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 54.	54 and under 57.	57 and under 60.	60.	Over 60 and under 63.	63 and under 66.	66.	Over 66.
LABORERS, MALE—continued.											
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	2,393	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	293	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.
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 1912	43 46	64.7 64.7	..... .....	..... .....	..... .....	5 5	..... .....	15 17	23 24	..... .....
Arkansas: 18 establishments..	{ 1911 1912	199 203	60.5 60.4	..... .....	..... .....	..... .....	184 188	..... .....	..... .....	15 15	..... .....
California: 10 establishments...	{ 1911 1912	38 43	60.0 60.0	..... .....	..... .....	..... .....	38 43	..... .....	..... .....	..... .....	..... .....
Florida: 4 establishments....	{ 1911 1912	23 25	62.6 62.4	..... .....	..... .....	..... .....	13 15	..... .....	..... .....	10 10	..... .....
Georgia: 8 establishments....	{ 1911 1912	27 27	63.0 63.0	..... .....	..... .....	..... .....	13 13	..... .....	5 5	9 9	..... .....
Louisiana: 20 establishments...	{ 1911 1912	179 166	61.4 60.9	..... .....	..... .....	..... .....	134 139	..... .....	14 14	31 13	..... .....
Maine: 4 establishments...	{ 1911 1912	8 9	63.8 63.9	..... .....	..... .....	..... .....	2 2	..... .....	6 7	..... .....	..... .....
Michigan: 4 establishments....	{ 1911 1912	48 56	60.0 60.0	..... .....	..... .....	..... .....	48 56	..... .....	..... .....	..... .....	..... .....
Minnesota: 4 establishments....	{ 1911 1912	46 49	60.0 60.0	..... .....	..... .....	..... .....	46 49	..... .....	..... .....	..... .....	..... .....
Mississippi: 14 establishments...	{ 1911 1912	95 81	64.2 64.2	..... .....	..... .....	12 .....	15 24	..... .....	..... .....	68 57	..... .....
North Carolina: 8 establishments....	{ 1911 1912	44 45	63.3 63.3	..... .....	..... .....	1 1	17 17	..... .....	12 13	14 14	..... .....
Oregon: 4 establishments....	{ 1911 1912	39 42	59.9 59.9	..... .....	..... .....	7 7	32 35	..... .....	..... .....	..... .....	..... .....
Pennsylvania: 8 establishments....	{ 1911 1912	10 10	63.3 63.3	..... .....	..... .....	..... .....	4 4	..... .....	3 3	3 3	..... .....
South Carolina: 3 establishments....	{ 1911 1912	12 11	63.1 62.9	..... .....	..... .....	..... .....	2 2	5 5	..... .....	5 4	..... .....
Tennessee: 6 establishments....	{ 1911 1912	14 17	62.6 62.5	..... .....	..... .....	..... .....	8 10	..... .....	..... .....	6 7	..... .....
Texas: 12 establishments...	{ 1911 1912	106 103	60.0 60.0	..... .....	..... .....	..... .....	106 103	..... .....	..... .....	..... .....	..... .....
Virginia: 4 establishments....	{ 1911 1912	20 18	61.8 61.1	..... .....	..... .....	..... .....	13 13	2 3	..... .....	5 2	..... .....
Washington: 16 establishments...	{ 1911 1912	93 100	60.0 60.0	..... .....	..... .....	..... .....	93 100	..... .....	..... .....	..... .....	..... .....
West Virginia: 11 establishments...	{ 1911 1912	30 31	62.7 62.6	..... .....	..... .....	..... .....	16 17	..... .....	2 2	12 12	..... .....
Wisconsin: 13 establishments...	{ 1911 1912	82 83	60.0 60.0	..... .....	..... .....	..... .....	82 83	..... .....	..... .....	..... .....	..... .....
SAWYERS, BAND, MALE.											
Alabama: 7 establishments....	{ 1910 1911	12 12	64.2 64.2	..... .....	..... .....	..... .....	2 2	..... .....	5 5	5 5	..... .....
7 establishments....	{ 1911 1912	9 8	64.3 64.1	..... .....	..... .....	..... .....	2 2	..... .....	2 2	5 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 1911	28 28	61.3 61.3	.....	.....	.....	22 22	.....	.....	6 6
16 establishments...	{ 1911 1912	33 32	61.1 60.9	.....	.....	.....	27 27	.....	.....	6 5
California: 9 establishments...	{ 1910 1911	16 15	60.4 60.4	.....	.....	.....	15 14	.....	.....	1 1
11 establishments...	{ 1911 1912	25 26	60.0 60.0	.....	.....	.....	25 26	.....	.....	.....
Florida: 5 establishments...	{ 1910 1911	9 9	62.7 62.7	.....	.....	.....	5 5	.....	.....	4 4
4 establishments...	{ 1911 1912	8 8	63.0 63.0	.....	.....	.....	4 4	.....	.....	4 4
Georgia: 4 establishments...	{ 1910 1911	5 5	62.4 62.4	.....	.....	.....	3 3	.....	.....	2 2
5 establishments...	{ 1911 1912	7 7	63.3 63.3	.....	.....	.....	3 3	.....	2 2	2 2
Louisiana: 8 establishments...	{ 1910 1911	13 13	60.9 60.9	.....	.....	.....	11 11	.....	.....	2 2
17 establishments...	{ 1911 1912	35 36	60.8 62.4	.....	.....	.....	30 31	.....	3 3	2 2
Maine: 6 establishments...	{ 1910 1911	17 18	62.4 62.5	.....	.....	.....	9 9	.....	8 9	.....
8 establishments...	{ 1911 1912	20 18	62.3 61.9	.....	.....	.....	11 11	.....	9 7	.....
Michigan: 19 establishments...	{ 1910 1911	45 45	60.0 60.0	.....	.....	.....	45 45	.....	.....	.....
23 establishments...	{ 1911 1912	52 55	60.0 60.0	.....	.....	.....	52 55	.....	.....	.....
Minnesota: 8 establishments...	{ 1910 1911	38 48	60.0 60.0	.....	.....	.....	38 48	.....	.....	.....
7 establishments...	{ 1911 1912	43 40	60.0 60.0	.....	.....	.....	43 40	.....	.....	.....
Mississippi: 7 establishments...	{ 1910 1911	21 19	64.9 64.7	.....	.....	.....	4 4	.....	.....	17 15
9 establishments...	{ 1911 1912	25 19	64.6 64.1	.....	.....	.....	6 6	.....	.....	19 13
North Carolina: 11 establishments...	{ 1910 1911	20 20	62.1 62.1	.....	1 1	2 2	8 8	1 1	2 2	6 6
14 establishments...	{ 1911 1912	25 25	63.3 63.3	.....	.....	2 2	8 8	.....	5 5	10 10
Oregon: 2 establishments...	{ 1910 1911	4 3	59.9 59.8	.....	.....	1 1	3 2	.....	.....	.....
3 establishments...	{ 1911 1912	5 5	59.9 59.9	.....	.....	1 1	4 4	.....	.....	.....
Pennsylvania: 13 establishments...	{ 1910 1911	24 22	63.7 63.7	.....	.....	.....	9 8	.....	2 2	13 12
13 establishments...	{ 1911 1912	18 18	63.4 63.4	.....	.....	.....	7 7	.....	4 4	7 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-ploy-ees.	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—concluded.										
South Carolina: 4 establishments....	{ 1910 1911	10 10	61.4 61.4	.....	.....	.....	7 7	1 1	.....	2 2
6 establishments....	{ 1911 1912	12 13	61.6 61.6	.....	.....	.....	8 8	1 2	.....	3 3
Tennessee: 23 establishments....	{ 1910 1911	26 26	59.8 59.8	.....	2 2	2 2	20 20	.....	2 2	.....
27 establishments....	{ 1911 1912	33 33	60.5 60.3	.....	1 2	2 3	26 24	.....	.....	4 4
Texas: 9 establishments....	{ 1910 1911	22 21	60.0 60.0	.....	.....	.....	22 21	.....	.....	.....
10 establishments....	{ 1911 1912	23 21	60.0 60.0	.....	.....	.....	23 21	.....	.....	.....
Virginia: 8 establishments....	{ 1910 1911	17 17	63.0 63.0	.....	.....	2 2	4 4	1 1	2 2	8 8
10 establishments....	{ 1911 1912	20 20	63.6 63.6	.....	.....	2 2	4 4	1 1	2 2	11 11
Washington: 12 establishments....	{ 1910 1911	26 25	60.0 60.0	.....	.....	.....	26 25	.....	.....	.....
14 establishments....	{ 1911 1912	27 26	60.0 60.0	.....	.....	.....	27 26	.....	.....	.....
West Virginia: 12 establishments....	{ 1910 1911	20 20	59.5 59.5	2 2	.....	.....	9 9	.....	4 4	5 5
15 establishments....	{ 1911 1912	27 27	59.9 59.9	2 2	.....	.....	15 15	.....	3 2	7 8
Wisconsin: 22 establishments....	{ 1910 1911	57 57	60.0 60.0	.....	.....	.....	57 57	.....	.....	.....
24 establishments....	{ 1911 1912	62 56	60.0 60.0	.....	.....	.....	62 56	.....	.....	.....
SAWYERS, CIRCULAR, MALE.										
Alabama: 6 establishments....	{ 1910 1911	9 9	65.0 65.0	.....	.....	.....	2 2	.....	.....	5 5
7 establishments....	{ 1911 1912	10 10	65.1 65.1	.....	.....	.....	2 2	.....	.....	6 6
Arkansas: 4 establishments....	{ 1910 1911	4 4	60.0 60.0	.....	.....	.....	4 4	.....	.....	.....
2 establishments....	{ 1911 1912	2 2	60.0 60.0	.....	.....	.....	2 2	.....	.....	.....
California: 3 establishments....	{ 1911 1912	3 3	62.0 62.0	.....	.....	.....	2 2	.....	.....	1 1
Florida: 4 establishments....	{ 1910 1911	7 7	62.6 62.6	.....	.....	.....	4 4	.....	.....	3 3
5 establishments....	{ 1911 1912	8 7	63.8 63.4	.....	.....	.....	3 3	.....	.....	5 4
Georgia: 10 establishments....	{ 1910 1911	12 12	65.2 65.2	.....	.....	.....	2 2	.....	.....	9 9
11 establishments....	{ 1911 1912	13 13	65.8 66.0	.....	.....	.....	2 2	.....	.....	10 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.	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	.....	.....	1	.....
	{ 1912	6	61.0	.....	.....	.....	5	.....	.....	1	.....
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	.....	.....	3	.....
	{ 1911	5	63.6	.....	.....	.....	2	.....	.....	3	.....
7 establishments....	{ 1911	11	64.9	.....	.....	.....	2	.....	.....	9	.....
	{ 1912	10	64.8	.....	.....	.....	2	.....	.....	8	.....
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.	Over 66.
SAWYERS, GANG, MALE—concluded.										
California: 3 establishments....	{ 1910 1911	3 3	60.0 60.0	.....	.....	.....	3	.....	.....	.....
2 establishments....	{ 1911 1912	2 2	60.6 60.0	.....	.....	.....	2	.....	.....	.....
Florida: 4 establishments....	{ 1911 1912	4 4	66.0 66.0	.....	.....	.....	.....	.....	.....	4 4
Georgia: 4 establishments....	{ 1910 1911	4 4	64.5 64.5	.....	.....	.....	1 1	.....	.....	3 3
4 establishments....	{ 1911 1912	4 4	64.5 64.5	.....	.....	.....	1 1	.....	.....	3 3
Louisiana: 9 establishments....	{ 1911 1912	9 9	60.6 60.6	.....	.....	.....	8 8	.....	1 1	.....
Minnesota: 6 establishments....	{ 1910 1911	10 8	60.0 60.0	.....	.....	.....	10 8	.....	.....	.....
4 establishments....	{ 1911 1912	7 7	60.0 60.0	.....	.....	.....	7 7	.....	.....	.....
Mississippi: 4 establishments....	{ 1910 1911	4 4	63.0 63.0	.....	.....	.....	2 2	.....	.....	2 2
5 establishments....	{ 1911 1912	5 5	62.4 62.5	.....	.....	.....	2 2	.....	.....	3 3
Oregon: 2 establishments....	{ 1911 1912	2 2	60.0 60.0	.....	.....	.....	2 2	.....	.....	.....
Texas: 2 establishments....	{ 1910 1911	3 2	60.0 60.0	.....	.....	.....	3 2	.....	.....	.....
3 establishments....	{ 1911 1912	3 3	60.0 60.0	.....	.....	.....	3 3	.....	.....	.....
Virginia: 2 establishments....	{ 1911 1912	2 2	66.0 66.0	.....	.....	.....	.....	.....	.....	2 2
Washington: 3 establishments....	{ 1910 1911	3 4	60.0 60.0	.....	.....	.....	3 4	.....	.....	.....
3 establishments....	{ 1911 1912	3 3	60.0 60.0	.....	.....	.....	3 3	.....	.....	.....
Wisconsin: 8 establishments....	{ 1910 1911	12 10	60.0 60.0	.....	.....	.....	12 10	.....	.....	.....
9 establishments....	{ 1911 1912	11 12	60.0 60.0	.....	.....	.....	11 12	.....	.....	.....
SAWYERS, RESAW, MALE.										
Arkansas: 2 establishments....	{ 1911 1912	3 3	62.0 62.0	.....	.....	.....	2 2	.....	.....	1 1
California: 7 establishments....	{ 1911 1912	14 13	60.0 60.0	.....	.....	.....	14 13	.....	.....	.....
Florida: 2 establishments....	{ 1911 1912	2 2	60.0 60.0	.....	.....	.....	2 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	.....
	{ 1912	5	61.2	.....	.....	.....	4	.....	.....	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	.....
	{ 1912	4	63.0	.....	.....	.....	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	.....
	{ 1912	35	60.9	.....	.....	.....	30	.....	.....	5	.....
California:											
14 establishments....	{ 1911	28	60.2	.....	.....	.....	27	.....	.....	1	.....
	{ 1912	29	60.2	.....	.....	.....	28	.....	.....	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.
SETTERS, MALE—concluded.										
Minnesota: 8 establishments....	{ 1911 1912	81 84	60.0 60.0	.....	.....	.....	81 84	.....	.....	.....
Mississippi: 15 establishments....	{ 1911 1912	42 37	64.7 64.5	.....	.....	.....	9 9	.....	.....	33 28
North Carolina: 17 establishments....	{ 1911 1912	33 34	63.2 63.1	.....	.....	2 2	12 13	.....	6 6	13 13
Oregon: 4 establishments....	{ 1911 1912	7 7	59.9 59.9	.....	.....	2 2	5 5	.....	.....	.....
Pennsylvania: 14 establishments....	{ 1911 1912	24 24	62.8 62.8	.....	.....	.....	12 12	.....	5 5	7 7
South Carolina: 7 establishments....	{ 1911 1912	15 16	62.0 61.9	.....	.....	.....	8 9	2 2	1 1	4 4
Tennessee: 27 establishments....	{ 1911 1912	34 34	60.5 60.3	.....	1 2	2 3	27 25	.....	.....	4 4
Texas: 12 establishments....	{ 1911 1912	32 32	60.0 60.0	.....	.....	.....	32 32	.....	.....	.....
Virginia: 11 establishments....	{ 1911 1912	22 22	63.3 63.3	.....	.....	2 2	6 6	1 1	2 2	11 11
Washington: 19 establishments....	{ 1911 1912	39 39	60.0 60.0	.....	.....	.....	39 39	.....	.....	.....
West Virginia: 16 establishments....	{ 1911 1912	31 31	62.2 62.3	.....	.....	.....	19 19	.....	3 2	9 10
Wisconsin: 24 establishments....	{ 1911 1912	81 75	60.0 60.0	.....	.....	.....	81 75	.....	.....	.....
TRIMMER OPERATORS, MALE.										
Alabama: 12 establishments....	{ 1910 1911	17 17	64.5 64.5	.....	.....	.....	3 3	1 1	3 3	8 8
12 establishments....	{ 1911 1912	14 14	64.7 64.7	.....	.....	.....	3 3	.....	2 2	7 7
Arkansas: 17 establishments....	{ 1910 1911	22 22	61.1 61.1	.....	.....	.....	18 18	.....	.....	4 4
19 establishments....	{ 1911 1912	26 26	60.9 60.7	.....	.....	.....	22 23	.....	.....	4 3
California: 9 establishments....	{ 1910 1911	14 13	60.4 60.5	.....	.....	.....	13 12	.....	.....	1 1
14 establishments....	{ 1911 1912	23 26	60.3 60.2	.....	.....	.....	22 25	.....	.....	1 1
Florida: 9 establishments....	{ 1910 1911	14 14	63.4 63.4	.....	.....	.....	6 6	.....	.....	8 8
9 establishments....	{ 1911 1912	14 13	64.3 64.2	.....	.....	.....	4 4	.....	.....	10 9
Georgia: 13 establishments....	{ 1910 1911	13 13	64.3 64.3	.....	.....	.....	4 4	.....	.....	8 8
15 establishments....	{ 1911 1912	15 15	64.8 64.1	.....	.....	.....	4 4	.....	1 1	8 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.
TRIMMER OPERATORS, MALE—continued.										
Louisiana: 10 establishments...	{ 1910 1911	11 11	61.6 61.6	.....	.....	.....	8 8	.....	.....	3 3
21 establishments...	{ 1911 1912	27 29	61.0 61.1	.....	.....	.....	22 23	.....	2 3	3 3
Maine: 8 establishments...	{ 1911 1912	13 13	61.5 61.5	.....	.....	.....	9 9	.....	4 4	.....
Michigan: 14 establishments...	{ 1910 1911	38 38	60.0 60.0	.....	.....	.....	38 38	.....	.....	.....
25 establishments...	{ 1911 1912	55 54	60.0 60.0	.....	.....	.....	55 54	.....	.....	.....
Minnesota: 8 establishments...	{ 1910 1911	112 107	60.0 60.0	.....	.....	.....	112 107	.....	.....	.....
8 establishments...	{ 1911 1912	31 29	60.0 60.0	.....	.....	.....	31 29	.....	.....	.....
Mississippi: 9 establishments...	{ 1910 1911	17 15	64.6 64.4	.....	.....	.....	4 4	.....	.....	13 11
13 establishments...	{ 1911 1912	21 18	64.9 64.7	.....	.....	.....	4 4	.....	.....	17 14
North Carolina: 14 establishments...	{ 1910 1911	16 16	61.6 61.6	.....	1 1	1 1	8 8	1 1	1 1	4 4
17 establishments...	{ 1911 1912	19 20	62.9 63.1	.....	.....	1 1	8 8	.....	3 3	7 8
Oregon: 3 establishments...	{ 1910 1911	7 6	59.9 59.9	.....	.....	1 1	6 5	.....	.....	.....
4 establishments...	{ 1911 1912	8 8	59.9 59.9	.....	.....	1 1	7 7	.....	.....	.....
Pennsylvania: 13 establishments...	{ 1910 1911	25 22	64.0 64.0	.....	.....	.....	8 7	.....	3 3	14 12
14 establishments...	{ 1911 1912	22 18	63.3 63.1	.....	.....	.....	9 8	.....	5 4	8 6
South Carolina: 5 establishments...	{ 1910 1911	11 11	61.6 61.6	.....	.....	.....	6 6	2 2	1 1	2 2
7 establishments...	{ 1911 1912	13 11	61.8 61.5	.....	.....	.....	7 7	2 1	1 1	3 2
Tennessee: 24 establishments...	{ 1910 1911	25 25	59.5 59.5	.....	3 3	2 2	19 19	.....	1 1	.....
27 establishments...	{ 1911 1912	27 27	60.1 59.9	.....	1 2	2 3	22 20	.....	.....	2 2
Texas: 10 establishments...	{ 1910 1911	27 23	60.0 60.0	.....	.....	.....	27 23	.....	.....	.....
12 establishments...	{ 1911 1912	24 18	60.0 60.0	.....	.....	.....	24 18	.....	.....	.....
Virginia: 9 establishments...	{ 1910 1911	12 12	63.2 63.2	.....	.....	1 1	3 3	1 1	1 1	6 6
11 establishments...	{ 1911 1912	12 12	63.3 63.3	.....	.....	1 1	3 3	1 1	1 1	6 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.	Over 66.
TRIMMER OPERATORS, MALE—concl.										
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 woodworkers, 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.
Average 1890-1899 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	( <sup>4</sup> )	( <sup>4</sup> )
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 woodworkers, <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	<sup>3</sup> 95.5	<sup>3</sup> 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.	Number of em- ploy- ees.	Average nom- inal full- time work- ing 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.			
				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	56.5	.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
										Under 20 cents.	20 and under 30 cents.	30 and under 40 cents.	40 cents and over.
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	.2570	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 establishments.
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 (\$.1550) was 99.68 per cent of the average in 1907 (\$.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.	Num- ber of em- ploy- ees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	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 and over.		
Bench hands, male:																		
62 establish- ments.	1907	1,076	55.6	\$0.2976	.....	.....	.....	14	64	19	196	336	294	42	108	3		
	1908	945	55.6	.2945	.....	.....	.....	10	54	25	185	277	262	46	86	.....		
	1909	1,041	55.7	.2944	.....	.....	.....	7	50	31	212	314	286	63	78	.....		
	1910	1,083	55.5	.3047	.....	.....	.....	5	42	35	188	291	367	74	79	2		
226 establish- ments.	1910	3,695	55.1	.3072	.....	.....	.....	15	118	72	718	908	1,440	233	162	29		
	1911	3,553	55.2	.3085	.....	.....	.....	12	115	65	653	842	1,461	262	119	24		
267 establish- ments.	1911	4,131	55.1	.3096	.....	.....	.....	15	149	74	730	924	1,772	297	146	24		
	1912	4,148	54.8	.3131	.....	3	2	.....	92	710	867	1,808	304	175	2			
Laborers, male:																		
60 establish- ments.	1907	1,578	58.5	.1555	.....	158	303	416	495	67	99	20	20	.....	.....	.....		
	1908	1,300	58.2	.1550	.....	173	265	313	342	70	84	28	25	.....	.....	.....		
	1909	1,451	58.0	.1589	.....	163	293	296	427	110	94	29	39	.....	.....	.....		
	1910	1,522	58.3	.1613	.....	129	313	259	491	136	140	25	29	.....	.....	.....		
224 establish- ments.	1910	4,885	57.6	.1705	.....	281	520	988	1,604	476	721	231	64	.....	.....	.....		
	1911	4,764	57.6	.1712	.....	221	542	936	1,572	467	740	231	55	.....	.....	.....		
253 establish- ments.	1911	4,456	57.6	.1722	.....	201	429	898	1,493	492	675	201	67	.....	.....	.....		
	1912	4,121	57.4	.1781	3	115	302	700	1,494	510	663	257	69	8	.....	.....		
Machine hands, male:																		
62 establish- ments.	1907	1,508	56.9	.2527	.....	.....	6	101	235	66	382	378	223	38	71	8		
	1908	1,372	57.1	.2494	.....	.....	6	98	218	90	320	344	191	41	5	9		
	1909	1,488	57.2	.2514	.....	.....	9	81	210	116	377	364	220	45	57	9		
	1910	1,580	57.3	.2570	.....	.....	8	69	197	125	397	382	279	53	61	9		
232 establish- ments.	1910	5,438	57.0	.2551	.....	5	28	230	839	397	1,259	1,159	1,204	190	89	29		
	1911	5,363	56.8	.2596	.....	6	29	229	755	305	1,264	1,135	1,272	242	98	28		
268 establish- ments.	1911	5,615	56.7	.2625	.....	6	28	240	808	313	1,282	1,149	1,394	253	108	34		
	1912	5,054	56.2	.2704	.....	3	21	199	559	268	1,116	1,045	1,438	257	112	36		

## PER CENT.

Bench hands, male:																		
62 establish- ments.	1907	1,076	55.6	\$0.2976	.....	.....	.....	1.3	5.9	1.8	18.2	31.2	27.3	3.9	10.0	0.3		
	1908	945	55.6	.2945	.....	.....	.....	1.1	5.7	2.6	19.6	29.3	27.7	4.9	9.1	.....		
	1909	1,041	55.7	.2944	.....	.....	.....	.7	4.8	3.0	20.4	30.2	27.5	6.1	7.5	.....		
	1910	1,083	55.5	.3047	.....	.....	.....	.5	3.9	3.2	17.4	26.9	33.9	6.8	7.3	.2		
226 establish- ments.	1910	3,695	55.1	.3072	.....	.....	.....	.4	3.2	1.9	19.4	24.6	39.0	6.3	4.4	.8		
	1911	3,553	55.2	.3085	.....	.....	.....	.3	3.2	1.8	18.4	23.7	41.1	7.4	3.3	.7		
267 establish- ments.	1911	4,131	55.1	.3096	.....	.....	.....	.4	3.6	1.8	17.7	22.4	42.9	7.2	3.5	.6		
	1912	4,148	54.8	.3131	.....	0.1	(1)	.6	3.8	2.2	17.1	20.9	43.6	7.3	4.2	(1)		
Laborers, male:																		
60 establish- ments.	1907	1,578	58.5	.1555	.....	10.0	19.2	26.4	31.4	4.2	6.3	1.3	1.3	.....	.....	.....		
	1908	1,300	58.2	.1550	.....	13.3	20.4	24.1	26.3	5.4	6.5	2.2	1.9	.....	.....	.....		
	1909	1,451	58.0	.1589	.....	11.2	20.2	20.4	29.4	7.6	6.5	2.0	2.7	.....	.....	.....		
	1910	1,522	58.3	.1613	.....	8.5	20.6	17.0	32.3	8.9	9.2	1.6	1.9	.....	.....	.....		
224 establish- ments.	1910	4,885	57.6	.1705	.....	5.8	10.6	20.2	32.8	9.7	14.8	4.7	1.3	.....	.....	.....		
	1911	4,764	57.6	.1712	.....	4.6	11.4	19.6	33.0	9.8	15.5	4.8	1.2	.....	.....	.....		
253 establish- ments.	1911	4,456	57.6	.1722	.....	4.5	9.6	20.2	33.5	11.0	15.1	4.5	1.5	.....	.....	.....		
	1912	4,121	57.4	.1781	(1)	2.8	7.3	17.0	36.3	12.4	16.1	6.2	1.7	.2	.....	.....		
Machine hands, male:																		
62 establish- ments.	1907	1,508	56.9	.2527	.....	.....	.4	6.7	15.6	4.4	25.3	25.1	14.8	2.5	4.7	.5		
	1908	1,372	57.1	.2494	.....	.....	.4	7.1	15.9	6.6	23.3	25.1	13.9	3.0	4.0	.7		
	1909	1,488	57.2	.2514	.....	.....	.6	5.4	14.1	7.8	25.3	24.5	14.8	3.0	3.8	.6		
	1910	1,580	57.3	.2570	.....	.....	.5	4.4	12.5	7.9	25.1	24.2	17.7	3.4	3.9	.6		
232 establish- ments.	1910	5,438	57.0	.2551	.....	.1	.5	4.2	15.4	7.3	23.2	21.3	22.1	3.7	1.6	.5		
	1911	5,363	56.8	.2596	.....	.1	.5	4.3	14.1	5.7	23.6	21.2	23.7	4.5	1.8	.5		
268 establish- ments.	1911	5,615	56.7	.2625	.....	.1	.5	4.3	14.4	5.6	22.8	20.5	24.8	4.5	1.9	.6		
	1912	5,054	56.2	.2704	.....	.1	.4	3.9	11.1	5.3	22.1	20.7	23.5	5.1	2.2	.7		

<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.

## BENCH HANDS: Male.

Year and State.	Number of establishments.	Number of employ-ees.	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.		
1907.																		
California.....	3	41	48.0	\$0.5274											1	11	26	3
Georgia.....	3	116	60.0	.2392				7	9		37	50	13					
Illinois.....	5	99	56.1	.3170							5	20	67	7				
Iowa.....	7	151	58.0	.2322					32	5	37	56	16					
Massachusetts.....	3	43	51.2	.3343						2		16	10	15				
Michigan.....	4	82	52.8	.3232					3		6	9	59	5				
Minnesota.....	2	45	59.6	.2371			1	1			25	16	2					
New York.....	11	200	51.7	.3657							11	85	22			82		
Ohio.....	6	72	56.6	.2794					1	1	20	15	35					
Pennsylvania.....	7	93	55.1	.2915					3	3	21	14	48	4				
Wisconsin.....	6	71	59.8	.2120			1	15	8		27	20						
Other States.....	5	63	56.6	.2773							7	35	21					
Total.....	62	1,076	55.6	.2976				14	64	19	196	336	294	42	108	3		
1908.																		
California.....	3	41	48.0	.4931								1		2	17	21		
Georgia.....	3	102	60.0	.2302				8	10		40	36	8					
Illinois.....	5	92	56.0	.3185							8	14	60	10				
Iowa.....	7	123	58.0	.2418					18	7	32	44	22					
Massachusetts.....	3	40	51.2	.3305						2	2	12	11	13				
Michigan.....	4	80	53.2	.2994					4		8	11	57					
Minnesota.....	2	39	59.7	.2353			1	2	2		17	14	3					
New York.....	11	178	51.8	.3585							11	79	19	4	65			
Ohio.....	6	60	56.4	.2781						1	18	15	26					
Pennsylvania.....	7	70	55.5	.2917					1	3	17	10	37	2				
Wisconsin.....	6	71	59.8	.2091			1	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	10					
Illinois.....	5	109	55.9	.3385							5	19	71	14				
Iowa.....	7	151	57.9	.2454					14	3	53	58	23					
Massachusetts.....	3	41	51.1	.3387						2	2	9	10	16				
Michigan.....	4	88	53.1	.2968					2	3	8	21	50	4				
Minnesota.....	2	40	59.8	.2281			1	5	2		15	15	2					
New York.....	11	174	51.9	.3564							6	84	19	8	57			
Ohio.....	6	69	56.5	.2708							23	20	26					
Pennsylvania.....	7	96	55.3	.2886					1	3	23	14	52	3				
Wisconsin.....	6	81	59.8	.2118					14	18	31	17	1					
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	99	27		
Georgia.....	11	189	58.9	.2532				5	13		45	88	36	2				
Illinois.....	29	604	54.1	.3565							7	61	470	65	1			
Iowa.....	12	225	58.2	.2543					12	7	69	81	56					
Massachusetts.....	15	183	52.0	.3382						2	4	28	68	53				
Michigan.....	16	206	54.4	.3056					5	2	30	49	106	14				
Minnesota.....	7	190	59.8	.2496				2	10	5	66	71	36					
New York.....	35	715	53.9	.3067					1	1	203	190	215	41	62	2		
Ohio.....	33	373	55.4	.2780				1	7	2	75	136	150	2				
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 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.
1910.																
Wisconsin.....	13	271	60.0	\$0.2172				3	53	38	104		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	29
1911.																
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	.2569					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
1912.																
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		1	
Illinois.....	31	636	53.8	.3683							13	64	495	63		
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
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	159	92	710	837	1,808	304	175	2

## LABORERS: Male.

<b>1907.</b>																
California.....	3	37	48.0	\$0.2914	.....	.....	.....	.....	.....	.....	.....	17	20	.....	.....	.....
Georgia.....	3	211	60.0	.1158	.....	106	95	10	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	5	64	57.3	.1744	.....	.....	.....	8	39	3	14	.....	.....	.....	.....	.....
Iowa.....	7	286	59.5	.1504	.....	30	37	98	98	22	1	.....	.....	.....	.....	.....
Massachusetts.....	2	17	50.1	.1900	.....	.....	.....	.....	6	6	4	1	.....	.....	.....	.....
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	.....	.....	34	80	77	.....	3	.....	.....	.....	.....	.....
Other States.....	5	260	59.2	.1383	.....	22	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 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.			
1908.																			
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	184	60.0	.1507			45	83	53		3								
Other States.....	5	189	58.9	.1338		47	89	41	11	1									
Total.....	60	1,300	58.2	.1550		173	265	313	342	70	84	28	25						
1909.																			
California.....	3	62	48.0	.3105								23	39						
Georgia.....	3	220	60.0	.1136		126	86	8	34										
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						
1910.																			
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	.1697			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	529	988	1,604	476	721	231	64						
1911.																			
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	16	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	1,493	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	1,205	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.

<b>1907.</b>																		
California.....	3	102	48.0	\$0.3845	...	...	...	...	...	...	11	21	23	20	19	8	...	...
Georgia.....	3	80	60.0	.2339	...	...	...	...	9	...	33	33	5	...	...	...	...	...
Illinois.....	5	93	57.3	.2940	...	...	...	...	...	...	22	23	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	8	...	...
<b>1908.</b>																		
California.....	3	87	48.0	.4070	...	...	...	...	...	...	8	12	21	17	20	9	...	...
Georgia.....	3	78	60.0	.2277	...	...	...	...	10	...	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	9	...	...
<b>1909.</b>																		
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	...	...	...	...	11	...	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 employ-ees.	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.	
1909.																	
Michigan.....	4	142	57.8	\$0.2116				17	43	26	19	14	23				
Minnesota.....	2	90	59.6	.2218					8	8	43	22	5				
New York.....	11	165	53.1	.3175				4			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	9	
1910.																	
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	4	2	1	
Iowa.....	12	391	58.9	.2225				6	57	56	145	92	35				
Massachusetts.....	15	283	52.4	.2995				8	3	21	42	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				12	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	
1911.																	
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	.2284				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	
1912.																	
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	255	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	—	—	—	—	—	—	—	1	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	2	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	43	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
35 establishments..	1910	715	53.9	.3067						1	1	203	190	215	41	62
	1911	668	53.4	.3144								161	158	251	44	52
41 establishments..	1911	736	53.3	.3154								167	175	285	55	52
	1912	756	52.7	.3304							3	142	145	315	56	94
Ohio:																
6 establishments..	1907	72	56.6	.2794						1						
	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	
68 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	193	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:																
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	289	58.8	.1745	.....	.....	.....	49	162	34	40	4	.....	.....	.....	.....
	1912	284	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	.1636	.....	.....	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	.1768	.....	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					169	162	38	89	69	3		
	1911	527	55.6	.1823		6	8	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	
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
	1908	87	48.0	.4070								8	12	21	17	20
	1909	88	48.0	.4102								5	11	25	16	22
	1910	86	48.0	.4154								2	10	29	14	23
16 establishments.	1910	351	52.2	.3770							2	28	63	131	50	49
	1911	388	52.0	.3766							4	30	75	145	42	64
17 establishments.	1911	392	51.2	.3898							4	28	66	141	45	74
	1912	411	51.8	.3967							5	20	37	189	56	69
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.												rate of wages	
					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—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	.3353	.....	.....	.....	.....	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	.2259	.....	.....	.....	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	.....	.....		
	1910	36	50.0	.3574	.....	.....	.....	.....	.....	.....	2	4	16	14	.....	.....		
15 establishments.	1910	283	52.4	.2995	.....	.....	.....	8	3	21	43	59	103	45	1	.....		
	1911	290	52.4	.3007	.....	.....	.....	8	3	22	45	59	103	49	1	.....		
15 establishments.	1911	237	52.1	.3210	.....	.....	.....	1	2	7	28	51	99	48	1	.....		
	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	13	.....	.....		
Minnesota:																		
2 establishments.	1907	97	59.6	.2214	.....	.....	.....	1	4	.....	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	1	14	104	9	4	37	1		
35 establishments.	1910	730	54.9	.2914	.....	.....	.....	2	9	12	193	253	183	40	37	1		
	1911	683	54.4	.2933	.....	.....	.....	2	9	12	174	180	242	34	30	.....		
41 establishments.	1911	732	54.6	.2944	.....	.....	.....	2	13	14	179	200	253	41	30	.....		
	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	40	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	.1905	.....	.....	.....	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 employ-ees.	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	1,300	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 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.
1907.											
California.....	3	41	48.0	.....	41	.....	.....	.....	.....	.....	.....
Georgia.....	3	116	60.0	.....	.....	.....	.....	.....	.....	.....	116
Illinois.....	5	99	56.1	.....	.....	.....	.....	60	.....	23	16
Iowa.....	7	151	58.0	.....	.....	.....	.....	47	.....	16	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	.....
1908.											
California.....	3	41	48.0	.....	41	.....	.....	.....	.....	.....	.....
Georgia.....	3	102	60.0	.....	.....	.....	.....	.....	.....	.....	102
Illinois.....	5	92	56.0	.....	.....	.....	58	.....	.....	18	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	.....	.....	.....	.....	.....	.....	13	26
New York.....	11	178	51.8	72	.....	.....	50	.....	.....	9	47
Ohio.....	6	60	56.4	.....	.....	.....	33	.....	.....	19	8
Pennsylvania.....	7	70	55.5	.....	.....	18	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
1909.											
California.....	3	42	48.0	.....	42	.....	.....	.....	.....	.....	.....
Georgia.....	3	100	60.0	.....	.....	.....	.....	.....	.....	.....	100
Illinois.....	5	109	55.9	.....	.....	.....	71	.....	.....	18	20
Iowa.....	7	151	57.9	.....	.....	.....	48	.....	.....	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	.....	.....	.....	36	.....	.....	23	10
Pennsylvania.....	7	96	55.3	.....	.....	29	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
1910.											
California.....	15	270	48.9	58	106	65	24	.....	.....	.....	17
Georgia.....	11	189	58.9	.....	.....	.....	.....	41	.....	.....	148
Illinois.....	29	604	54.1	29	22	14	475	.....	.....	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 establishments.	Number of employ-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.
1910.												
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	.....
Total.....	226	3,695	55.1	164	294	289	86	1,056	339	441	1,026	.....
1911.												
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	38
Wisconsin.....	15	334	59.9							26	308	.....
Total.....	267	4,131	55.1	123	438	332	113	1,215	285	471	1,115	38
1912.												
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	.....
Total.....	267	4,148	54.8	153	459	254	419	975	333	382	1,173	.....

## LABORERS: Male.

<b>1907.</b>											
California.....	3	37	48.0	.....	37	.....	.....	.....	.....	.....	.....
Georgia.....	3	211	60.0	.....	.....	.....	.....	.....	.....	.....	211
Illinois.....	5	64	57.3	.....	.....	.....	.....	26	.....	18	20
Iowa.....	7	286	59.5	.....	.....	.....	.....	20	.....	30	236
Massachusetts.....	2	17	50.1	.....	11	.....	.....	6	.....	.....	.....
Michigan.....	4	233	57.0	.....	.....	40	.....	6	.....	112	75
Minnesota.....	2	100	59.7	.....	.....	.....	.....	.....	.....	34	66
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
Total.....	60	1,578	58.5	3	53	48	14	118	.....	228	1,114

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.
1908.											
California.....	3	50	48.0	.....	50	.....	.....	.....	.....	.....	.....
Georgia.....	3	211	60.0	.....	.....	.....	.....	.....	.....	211	.....
Illinois.....	5	51	57.1	.....	.....	.....	22	.....	14	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
1909.											
California.....	3	62	48.0	.....	62	.....	.....	.....	.....	.....	.....
Georgia.....	3	220	60.0	.....	.....	.....	.....	.....	.....	220	.....
Illinois.....	5	66	56.9	.....	.....	.....	31	.....	17	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
1910.											
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	.....	.....	.....	10	108	92	56	74
Pennsylvania.....	32	233	56.9	.....	.....	6	.....	73	48	13	93
Wisconsin.....	13	1,168	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
1911.											
California.....	17	370	53.7	.....	90	39	.....	141	.....	100	.....
Georgia.....	11	486	59.1	.....	.....	.....	.....	.....	92	394	.....
Illinois.....	29	405	56.9	.....	5	4	9	157	.....	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	.....	.....	.....	.....	.....	.....	14	151
New York.....	40	443	56.0	4	63	1	45	32	71	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 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.
1911.												
Ohio.....	33	274	56.6	.....	12	.....	10	98	8	55	91	.....
Pennsylvania.....	58	377	56.0	.....	3	5	5	137	112	29	83	3
Wisconsin.....	15	1,199	60.0	.....	.....	.....	.....	.....	.....	13	1,186	.....
Total.....	253	4,456	57.6	4	197	80	88	642	371	557	2,514	3
1912.												
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.

<b>1907.</b>												
California.....	3	102	48.0	.....	102	.....	.....	.....	.....	.....	80	.....
Georgia.....	3	80	60.0	.....	.....	.....	.....	.....	.....	.....	38	.....
Illinois.....	5	93	57.3	.....	.....	.....	.....	40	.....	15	.....	.....
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	205	.....
Other States.....	5	77	56.9	.....	.....	.....	.....	40	.....	.....	37	.....
Total.....	62	1,508	56.9	51	124	38	.....	297	15	157	826	.....
<b>1908.</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—							
				Under 48.	48.	Over 48 and under 51.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
1909.											
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
1910.											
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
1911.											
California.....	17	392	51.2		200	78		45			69
Georgia.....	11	281	58.8						67		214
Illinois.....	31	515	55.7			19	9	316		87	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
1912.											
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	23	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.	Over 60.
BENCH HANDS, MALE.												
California:												
3 establishments.....	{ 1907 1908 1909 1910	41 41 42 36	48.0 48.0 48.0 48.0	..... ..... ..... .....	41 41 42 36	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	
15 establishments.....	{ 1910 1911	270 214	48.9 49.4	58 32	106 81	65 59	..... .....	24 33	..... .....	..... .....	17 9	
16 establishments.....	{ 1911 1912	244 300	49.2 51.4	32 .....	111 144	59 12	..... .....	33 121	..... .....	..... .....	9 23	
Georgia:												
3 establishments.....	{ 1907 1908 1909 1910	116 102 100 94	60.0 60.0 60.0 60.0	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	116 102 100 94	..... ..... ..... .....	
11 establishments.....	{ 1910 1911	189 190	58.9 58.9	..... .....	..... .....	..... .....	..... .....	..... .....	41 40	..... .....	148 150	
11 establishments.....	{ 1911 1912	190 178	58.9 58.3	..... .....	..... .....	..... .....	..... .....	..... 23	40 33	..... .....	150 122	
Illinois:												
5 establishments.....	{ 1907 1908 1909 1910	99 92 109 125	56.1 56.0 55.9 55.1	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... 11	60 58 71 88	..... ..... ..... .....	23 18 18 .....	16 16 20 26	
29 establishments.....	{ 1910 1911	604 532	54.1 54.2	..... .....	29 25	22 16	14 14	475 413	..... .....	26 35	38 29	
31 establishments.....	{ 1911 1912	615 636	54.6 53.8	..... 9	25 11	16 27	14 338	454 140	..... .....	35 28	71 83	
Iowa:												
7 establishments.....	{ 1907 1908 1909 1910	151 123 151 147	58.0 58.0 57.9 58.4	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	47 38 48 34	..... ..... ..... .....	16 17 24 29	88 68 79 84	
12 establishments.....	{ 1910 1911	225 230	58.2 58.0	..... .....	..... .....	..... .....	..... .....	15 17	34 42	..... .....	77 73	99 98
13 establishments.....	{ 1911 1912	260 248	57.5 57.9	..... .....	..... .....	..... .....	..... .....	17 75	72 75	..... .....	73 71	98 102
Massachusetts:												
3 establishments.....	{ 1907 1908 1909 1910	43 40 41 39	51.2 51.2 51.1 51.2	..... ..... ..... .....	20 19 20 18	..... ..... ..... .....	..... ..... ..... .....	23 21 21 21	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	
15 establishments.....	{ 1910 1911	183 197	52.0 52.1	..... .....	51 56	20 20	26 24	57 63	21 25	8 9	..... .....	
15 establishments.....	{ 1911 1912	204 181	52.1 51.7	..... .....	56 35	25 58	24 .....	63 56	25 32	11 .....	..... .....	
Michigan:												
4 establishments.....	{ 1907 1908 1909 1910	82 80 88 105	52.8 53.2 53.1 52.6	..... ..... ..... .....	..... ..... ..... .....	47 41 46 60	..... ..... ..... .....	20 22 24 29	..... ..... ..... .....	..... ..... ..... .....	15 17 18 16	
16 establishments.....	{ 1910 1911	206 196	54.4 54.7	..... .....	..... .....	71 60	..... .....	29 29	49 49	9 10	48 48	
16 establishments.....	{ 1911 1912	194 204	54.6 54.7	..... .....	..... .....	60 62	..... .....	29 27	49 54	10 8	46 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.
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	.....	.....	.....	.....	34	.....	.....	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
	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	258
	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.

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—contd.											
Georgia:											
3 establishments.....	{ 1907	211	60.0	.....	.....	.....	.....	.....	.....	.....	211
	{ 1908	211	60.0	.....	.....	.....	.....	.....	.....	.....	211
	{ 1909	220	60.0	.....	.....	.....	.....	.....	.....	.....	220
	{ 1910	236	60.0	.....	.....	.....	.....	.....	.....	.....	236
11 establishments.....	{ 1910	494	59.0	.....	.....	.....	.....	.....	95	.....	399
	{ 1911	486	59.1	.....	.....	.....	.....	.....	92	.....	394
11 establishments.....	{ 1911	486	59.1	.....	.....	.....	.....	.....	92	.....	394
	{ 1912	354	58.7	.....	.....	.....	.....	17	70	.....	267
Illinois:											
5 establishments.....	{ 1907	64	57.3	.....	.....	.....	.....	26	.....	18	20
	{ 1908	51	57.1	.....	.....	.....	.....	22	.....	14	15
	{ 1909	66	56.9	.....	.....	.....	.....	31	.....	17	18
	{ 1910	66	56.1	.....	.....	.....	6	35	.....	.....	25
27 establishments.....	{ 1910	394	56.9	.....	.....	7	9	153	.....	146	79
	{ 1911	401	56.9	.....	.....	5	13	154	.....	145	84
29 establishments.....	{ 1911	405	56.9	.....	5	4	9	157	.....	145	85
	{ 1912	342	55.4	2	3	12	114	68	.....	116	27
Iowa:											
7 establishments.....	{ 1907	286	59.5	.....	.....	.....	.....	20	.....	30	236
	{ 1908	170	59.0	.....	.....	.....	.....	23	.....	31	116
	{ 1909	209	58.8	.....	.....	.....	.....	33	.....	51	125
	{ 1910	232	59.1	.....	.....	.....	.....	23	.....	80	129
12 establishments.....	{ 1910	276	59.1	.....	.....	.....	2	23	.....	107	144
	{ 1911	271	59.1	.....	.....	.....	3	21	.....	99	148
13 establishments.....	{ 1911	289	58.8	.....	.....	.....	3	39	.....	99	148
	{ 1912	284	58.5	.....	.....	.....	.....	53	.....	94	137
Massachusetts:											
2 establishments.....	{ 1907	17	50.1	.....	11	.....	.....	6	.....	.....	.....
	{ 1908	18	50.7	.....	10	.....	.....	8	.....	.....	.....
	{ 1909	16	51.0	.....	8	.....	.....	8	.....	.....	.....
	{ 1910	23	51.9	.....	8	.....	.....	15	.....	.....	.....
12 establishments.....	{ 1910	213	52.1	.....	37	77	16	19	34	30	.....
	{ 1911	206	52.5	.....	24	75	16	23	36	32	.....
13 establishments.....	{ 1911	135	51.0	.....	24	18	16	25	30	22	.....
	{ 1912	119	52.5	.....	14	30	4	41	30	.....	.....
Michigan:											
4 establishments.....	{ 1907	233	57.0	.....	.....	40	.....	6	.....	112	75
	{ 1908	215	57.6	.....	.....	25	.....	6	.....	103	81
	{ 1909	232	57.8	.....	.....	24	.....	8	.....	99	101
	{ 1910	225	57.5	.....	.....	32	.....	9	.....	82	102
16 establishments.....	{ 1910	341	57.3	.....	.....	35	.....	9	55	97	145
	{ 1911	322	57.8	.....	.....	13	.....	13	58	91	147
15 establishments.....	{ 1911	313	57.7	.....	.....	13	.....	13	58	91	138
	{ 1912	198	57.3	.....	.....	18	.....	15	46	12	107
Minnesota:											
2 establishments.....	{ 1907	100	59.7	.....	.....	.....	.....	.....	.....	34	66
	{ 1908	48	59.4	.....	.....	.....	.....	.....	.....	27	21
	{ 1909	51	59.2	.....	.....	.....	.....	.....	.....	39	12
	{ 1910	62	59.4	.....	.....	.....	.....	.....	.....	40	22
7 establishments.....	{ 1910	179	59.7	.....	.....	.....	.....	.....	.....	60	119
	{ 1911	147	58.9	.....	.....	.....	.....	.....	36	14	97
9 establishments.....	{ 1911	165	60.0	.....	.....	.....	.....	.....	.....	14	151
	{ 1912	169	59.6	.....	.....	.....	.....	.....	16	.....	153

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.
LABORERS, MALE—concluded.												
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.	Over 60.
MACHINE HANDS, MALE—continued.											
Illinois:											
5 establishments.....	1907	93	57.3	.....	.....	.....	.....	40	.....	15	38
	1908	85	56.7	.....	.....	.....	.....	44	.....	13	28
	1909	92	56.8	.....	.....	.....	.....	46	.....	16	30
	1910	132	56.5	.....	.....	.....	7	67	.....	.....	53
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	.....	.....	19	9	316	.....	87	84
	1912	475	54.7	9	11	13	186	111	.....	74	71
Iowa:											
7 establishments.....	1907	296	59.1	.....	.....	.....	.....	35	.....	53	203
	1908	234	59.1	.....	.....	.....	.....	23	.....	49	157
	1909	238	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	.....	.....	38	.....	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	.....	.....	.....	.....	.....	.....	17	250
	1912	255	59.6	.....	.....	.....	.....	24	.....	.....	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	99	.....	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

State, and number of establishments.	Year.	Number of employ-ees.	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.															
38 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:															
7 establishments.....	1907	97	56.7	.....	.....	13	.....	30	.....	10	44	.....			
	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	14			
	1912	686	54.6	.....	65	31	44	241	176	52	77	.....			
Wisconsin:															
6 establishments.....	1907	218	59.9	.....	.....	.....	.....	.....	.....	13	205	.....			
	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	( <sup>2</sup> ) .9
Chair assemblers.....	( <sup>3</sup> ) 1.5	( <sup>3</sup> ) 1.8	( <sup>3</sup> ) 1.5	.4	.6
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.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	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 53 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.
<b>Average, 1890-1899 .....</b>	<b>100.0</b>	<b>100.0</b>
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.	Rela- tive nomi- nal full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive nomi- nal full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive nomi- nal full- time hours per week.	Rela- tive rate of wages per hour.	Rela- tive nomi- nal full- time hours per week.	Rela- tive 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.....	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 woodworkers, <sup>2</sup> male.		Sawyers, band, <sup>3</sup> male.		Sawyers, circular, <sup>4</sup> male.		Sawyers, jig, 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
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	100.9
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.....	96.4	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> A 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	<sup>3</sup> 98.2	<sup>3</sup> 123.1	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	<sup>4</sup> 100.0	<sup>4</sup> 100.0
1911.....			96.2	130.1	91.1	143.5	<sup>4</sup> 99.2	<sup>4</sup> 101.3
1912.....			95.5	133.6	90.6	146.9	<sup>4</sup> 98.5	<sup>4</sup> 107.5

<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	890	56.7	15.5	17.5	20.2	46.9	.....
	{ 1908	632	57.1	13.0	15.7	27.7	43.5	.....
	{ 1909	771	56.9	13.5	15.7	28.9	41.8	.....
	{ 1910	862	56.7	10.7	17.9	34.2	37.2	.....
115 establishments.....	{ 1910	1,801	58.0	6.9	8.9	26.6	56.6	0.9
	{ 1911	1,846	57.7	7.7	6.2	37.0	47.8	1.3
169 establishments.....	{ 1911	2,455	58.3	5.9	4.4	31.6	57.2	1.0
	{ 1912	2,427	58.1	5.6	4.4	33.4	55.7	.9
Carvers, hand, male:								
25 establishments.....	{ 1907	169	54.2	29.6	29.0	17.8	23.7	.....
	{ 1908	127	54.5	28.3	26.0	28.3	17.3	.....
	{ 1909	151	53.0	35.1	31.8	21.9	11.3	.....
	{ 1910	148	52.7	39.2	32.4	17.6	10.8	.....
65 establishments.....	{ 1910	315	55.7	18.3	16.5	28.0	36.8	.3
	{ 1911	345	55.5	22.3	13.0	31.0	33.3	.3
76 establishments.....	{ 1911	367	56.2	13.2	17.4	31.1	38.1	.3
	{ 1912	334	56.3	18.0	12.0	30.6	39.2	.3
Chair assemblers, male:								
6 establishments.....	{ 1910	165	57.7	.....	.....	75.7	24.2	.....
	{ 1911	141	58.0	.....	.....	67.4	32.6	.....
15 establishments.....	{ 1911	227	58.3	2.2	.....	49.4	48.5	.....
	{ 1912	237	57.8	6.7	.....	51.5	41.8	.....
Finishers, male:								
52 establishments.....	{ 1907	1,217	57.3	3.9	21.0	34.8	40.2	.....
	{ 1908	927	57.5	3.8	17.7	38.8	39.7	.....
	{ 1909	1,127	57.3	3.8	17.7	39.9	38.5	.....
	{ 1910	1,164	57.3	3.5	18.0	42.4	36.0	.....
128 establishments.....	{ 1910	3,132	58.5	2.0	6.8	32.7	57.1	1.3
	{ 1911	3,206	58.0	2.8	7.0	43.0	45.9	1.2
192 establishments.....	{ 1911	4,407	58.5	1.9	4.6	34.8	57.9	.9
	{ 1912	4,357	58.1	3.7	4.8	39.0	51.7	.8
Machine hands, male:								
51 establishments.....	{ 1907	1,347	58.2	3.7	10.0	32.6	53.7	.....
	{ 1908	1,047	58.1	5.1	9.3	37.2	48.5	.....
	{ 1909	1,153	57.9	4.5	10.1	38.8	46.6	.....
	{ 1910	1,239	57.4	4.0	10.3	47.1	38.7	.....
121 establishments.....	{ 1910	3,151	58.7	2.0	4.3	34.0	57.7	2.2
	{ 1911	3,107	58.3	3.0	3.5	42.3	48.8	2.5
192 establishments.....	{ 1911	4,855	58.8	2.0	2.2	33.6	60.7	1.6
	{ 1912	4,797	58.4	2.4	3.2	36.5	56.2	1.7
Upholsterers, male:								
19 establishments.....	{ 1907	383	53.6	26.4	53.3	12.0	8.4	.....
	{ 1908	310	53.5	27.1	52.6	17.1	3.2	.....
	{ 1909	307	53.8	26.4	52.4	17.9	3.3	.....
	{ 1910	325	53.8	23.1	53.5	18.8	4.6	.....
38 establishments.....	{ 1910	501	55.0	15.0	43.1	22.4	19.6	.....
	{ 1911	518	54.7	21.1	44.6	19.1	15.3	.....
49 establishments.....	{ 1911	558	55.8	8.6	41.8	29.8	19.9	.....
	{ 1912	552	55.5	13.7	34.8	33.4	18.1	.....
Veneerers, male:								
58 establishments.....	{ 1910	333	58.9	.....	.3	40.5	55.9	3.3
	{ 1911	317	58.4	.....	.3	50.5	44.2	5.0
94 establishments.....	{ 1911	430	58.7	.2	.2	43.5	52.3	3.7
	{ 1912	407	58.3	.9	.5	44.7	51.6	2.2



# WAGES AND HOURS OF LABOR, 1890 TO 1912 —FURNITURE. 131

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 16cents.	16 and under 20cents.	20 and under 25cents.	25 cents and over.
Cabinetmakers, male:	{ 1907	783	\$0.2357	11.2	16.0	36.9	36.1
40 establishments.....	{ 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.....	{ 1911	1,509	.2277	13.9	15.3	38.6	32.2
	{ 1912	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:	{ 1910	140	.1826	32.2	35.7	20.7	11.4
5 establishments.....	{ 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:	{ 1907	1,056	.1957	23.7	30.5	29.5	16.3
41 establishments.....	{ 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:	{ 1907	1,066	.2147	15.1	23.7	33.4	27.7
40 establishments.....	{ 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
Veneers, male:	{ 1910	289	.1973	15.9	31.1	42.9	10.0
44 establishments.....	{ 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 25cents.	25 and under 30cents.	30 and under 40cents.	40 cents and over.
Carvers, hand, male:	{ 1907	155	\$0.3176	13.5	21.3	48.4	16.8
22 establishments.....	{ 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:	{ 1907	336	.3082	22.4	31.8	35.4	10.5
15 establishments.....	{ 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	1,828	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. Enamellers 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 upholstery 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 upholstery. 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

veneers—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.														
Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	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 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.
CABINETMAKERS, MALE.														
Establishments showing complete data:														
40 establishments.....	{ 1907	783	56.3	\$0.2357	17	28	42	65	60	289	132	119	31	...
	{ 1908	542	56.7	.2314	14	20	43	64	29	182	83	84	23	...
	{ 1909	674	56.5	.2297	10	31	41	58	49	253	116	98	18	...
	{ 1910	756	56.4	.2392	3	32	58	62	48	253	155	98	47	...
88 establishments.....	{ 1910	1,509	57.7	.2277	9	95	105	134	97	574	294	152	49	...
	{ 1911	1,518	57.3	.2303	12	62	121	134	66	598	320	152	53	...
120 establishments.....	{ 1911	1,804	57.8	.2305	13	74	173	194	98	673	372	153	54	...
	{ 1912	1,781	57.7	.2291	3	48	150	188	98	659	443	157	35	...
All establishments reported:														
50 establishments.....	{ 1907	890	56.7	.2350	...	...	...	...	...	...	...	...	...	...
	{ 1908	632	57.1	.2295	...	...	...	...	...	...	...	...	...	...
	{ 1909	771	56.9	.2279	...	...	...	...	...	...	...	...	...	...
	{ 1910	862	56.7	.2374	...	...	...	...	...	...	...	...	...	...
112 establishments.....	{ 1910	1,801	58.0	.2310	...	...	...	...	...	...	...	...	...	...
	{ 1911	1,846	57.7	.2324	...	...	...	...	...	...	...	...	...	...
169 establishments.....	{ 1911	2,455	58.3	.2327	...	...	...	...	...	...	...	...	...	...
	{ 1912	2,427	58.1	.2324	...	...	...	...	...	...	...	...	...	...
CARVERS, HAND, MALE.														
Establishments showing complete data:														
22 establishments.....	{ 1907	155	53.7	.3176	...	...	2	2	3	14	33	75	19	7
	{ 1908	113	53.8	.3203	...	...	1	2	2	10	33	44	13	8
	{ 1909	138	52.4	.3311	...	...	...	2	2	13	30	60	25	6
	{ 1910	136	52.1	.3420	...	...	...	3	...	11	25	68	20	9
53 establishments.....	{ 1910	277	55.6	.3190	...	...	...	3	4	35	46	157	23	9
	{ 1911	304	54.9	.3292	...	...	...	2	6	39	42	162	31	22
58 establishments.....	{ 1911	306	55.8	.3207	...	...	2	4	2	39	51	170	16	22
	{ 1912	277	55.8	.3217	...	...	...	2	1	27	61	156	15	15
All establishments reported:														
25 establishments.....	{ 1907	169	54.2	.3111	...	...	...	...	...	...	...	...	...	...
	{ 1908	127	54.5	.3139	...	...	...	...	...	...	...	...	...	...
	{ 1909	151	53.0	.3264	...	...	...	...	...	...	...	...	...	...
	{ 1910	148	52.7	.3380	...	...	...	...	...	...	...	...	...	...
65 establishments.....	{ 1910	315	55.7	.3133	...	...	...	...	...	...	...	...	...	...
	{ 1911	345	55.5	.3225	...	...	...	...	...	...	...	...	...	...
76 establishments.....	{ 1911	367	56.2	.3120	...	...	...	...	...	...	...	...	...	...
	{ 1912	334	56.3	.3152	...	...	...	...	...	...	...	...	...	...
CHAIR ASSEMBLERS, MALE.														
Establishments showing complete data:														
5 establishments.....	{ 1910	140	59.6	.1826	1	11	33	37	13	29	14	2	...	...
	{ 1911	125	58.0	.1940	...	8	14	32	13	39	17	2	...	...
13 establishments.....	{ 1911	201	58.3	.1962	3	20	27	34	17	61	32	7	...	...
	{ 1912	213	57.8	.2034	5	16	23	30	33	60	31	13	2	...
All establishments reported:														
6 establishments.....	{ 1910	165	57.7	.1932	...	...	...	...	...	...	...	...	...	...
	{ 1911	141	58.0	.2022	...	...	...	...	...	...	...	...	...	...
15 establishments.....	{ 1911	227	58.3	.2023	...	...	...	...	...	...	...	...	...	...
	{ 1912	237	57.8	.2062	...	...	...	...	...	...	...	...	...	...



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 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.														
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:														
52 establishments .....	1907	1,217	57.3	.1966	....	....	....	....	....	....	....	....	....	....
	1908	927	57.5	.2007	....	....	....	....	....	....	....	....	....	....
	1909	1,127	57.3	.1949	....	....	....	....	....	....	....	....	....	....
	1910	1,164	57.3	.1989	....	....	....	....	....	....	....	....	....	....
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:														
51 establishments .....	1907	1,347	58.2	.2114	....	....	....	....	....	....	....	....	....	....
	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 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.		
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	369	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	4.2	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	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.....	{ 1907	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	.....	.....	.....	.4	.4	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	115.5	28.2	14.6	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.	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 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	.5
	{ 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
22 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
Veneers, 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.**

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.									
					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.
1907.														
Illinois:														
Establishments showing complete data.	5	157	53.7	\$0.2531			2	15	13	33	55	38	1	
All establishments reported	6	174	54.3	.2523										
Indiana:														
Establishments showing complete data.	2	39	60.0	.2075			2	2	5	26	4			
All establishments reported	11	129	59.5	.2207										
Michigan.	5	121	58.1	.2155				4	18	80	18	1		
Other States.	28	466	56.4	.2376	17	28	38	44	24	150	55	80	30	
Total establishments showing complete data.	40	783	56.3	.2357	17	28	42	65	60	289	132	119	31	
Total establishments reported.	50	890	56.7	.2350										
1908.														
Illinois:														
Establishments showing complete data.	5	105	53.5	.2678			1	6	3	20	37	37	1	
All establishments reported	6	122	54.4	.2631										
Indiana:														
Establishments showing complete data.	2	39	60.0	.2113			2	4	2	28	3			
All establishments reported	11	112	59.5	.2129										
Michigan.	5	87	58.0	.2163				11	6	55	14	1		
Other States.	28	311	57.1	.2260	14	20	40	43	18	79	29	46	22	
Total establishments showing complete data.	40	542	56.7	.2314	14	20	43	64	29	182	83	84	23	
Total establishments reported.	50	632	57.1	.2295										
1909.														
Illinois:														
Establishments showing complete data.	5	124	53.7	.2629			1	9	3	20	57	33	1	
All establishments reported	6	140	54.4	.2601										
Indiana:														
Establishments showing complete data.	2	61	59.7	.2026			5	5	7	40	4			
All establishments reported	11	142	59.4	.2073										
Michigan.	5	105	57.4	.2172			2	8	11	61	21	2		
Other States.	28	384	56.7	.2267	10	31	33	36	28	132	34	63	17	
Total establishments showing complete data.	40	674	56.5	.2297	10	31	41	58	49	253	116	98	18	
Total establishments reported.	50	771	56.9	.2279										
1910.														
Illinois:														
Establishments showing complete data.	7	166	53.9	.2720				11	7	24	65	58	1	
All establishments reported	16	306	56.6	.2744										
Indiana:														
Establishments showing complete data.	6	115	59.9	.1891		29	8	4	9	53	11	1		
All establishments reported	19	243	59.4	.2068										
Massachusetts.	6	103	49.1	.3588				2		5	12	38	46	
Michigan:														
Establishments showing complete data.	16	403	58.5	.2348				18	27	215	121	22		
All establishments reported	17	408	58.6	.2347										
New York:														
Establishments showing complete data.	20	268	59.2	.2268		1	9	32	21	133	47	24	1	
All establishments reported	21	287	59.2	.2261										

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

**CABINETMAKERS: 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.									
					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 over 70 cts.
1910.														
North Carolina.....	7	92	59.8	\$0.1371	9	40	30	11	2					
Pennsylvania.....	5	89	57.2	.2126		1	12	12	6	39	15	4		
Wisconsin.....	7	78	59.4	.1947		6	11	16	13	17	13	2		
Other States.....	14	195	59.1	.1928		18	35	28	14	86	10	3	1	
Total establishments showing complete data.....	88	1,509	57.7	.2277	9	95	105	134	97	574	294	152	49	
Total establishments reported.....	112	1,801	58.0	.2310										
1911.														
Illinois:														
Establishments showing complete data.....	7	123	54.5	.2733				10	3	20	40	47	3	
All establishments reported.....	19	326	57.8	.2690										
Indiana:														
Establishments showing complete data.....	4	78	59.3	.2329		1	3	1	4	41	21	7		
All establishments reported.....	21	298	59.4	.2272										
Maryland:														
Establishments showing complete data.....	4	49	59.7	.1740		3	15	14	1	14	2			
All establishments reported.....	5	60	59.8	.1803										
Massachusetts.....	7	128	49.6	.3516				3	4	14	12	45	50	
Michigan:														
Establishments showing complete data.....	13	387	57.6	.2627				7	18	215	126	21		
All establishments reported.....	14	393	57.6	.2622										
Missouri:														
Establishments showing complete data.....	3	38	60.0	.2242			2	6	1	18	7	4		
All establishments reported.....	8	78	60.0	.2233										
New York:														
Establishments showing complete data.....	27	321	58.7	.2252		1	12	26	28	159	79	15	1	
All establishments reported.....	34	423	58.6	.2247										
North Carolina.....	10	124	59.9	.1399	12	44	48	16	2	2				
Ohio:														
Establishments showing complete data.....	15	141	59.0	.2254			7	9	7	69	46	3		
All establishments reported.....	18	191	59.2	.2309										
Pennsylvania:														
Establishments showing complete data.....	17	236	58.8	.1961		4	47	58	20	75	24	8		
All establishments reported.....	19	249	58.8	.1982										
Tennessee.....	5	76	59.7	.1732	1	13	20	14	2	23	3			
Wisconsin:														
Establishments showing complete data.....	7	86	59.5	.1878		3	18	28	8	16	11	2		
All establishments reported.....	8	92	59.5	.1892										
Other States.....	1	17	60.0	.1889		5	1	2		7	1	1		
Total establishments showing complete data.....	120	1,804	57.8	.2305	13	74	173	194	98	673	372	153	54	
Total establishments reported.....	169	2,455	58.3	.2327										
1912.														
Illinois:														
Establishments showing complete data.....	7	116	55.5	.2767				5	5	24	37	43	2	
All establishments reported.....	19	342	58.5	.2677										
Indiana:														
Establishments showing complete data.....	4	84	59.1	.2243		2	4	11	5	35	18	9		
All establishments reported.....	21	276	58.9	.2251										







FINISHERS: 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.									
					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.
1907.														
Illinois:														
Establishments showing complete data.....	7	266	54.5	\$0.2218			18	14	36	121	70	7		
All establishments reported	8	295	55.0	.2211										
Indiana:														
Establishments showing complete data.....	2	61	60.0	.1786		9	3	12	15	22				
All establishments reported	12	193	59.3	.1932							6			
Michigan.....	4	182	57.5	.1818		11	21	67	27	50				
Other States.....	28	547	57.8	.1895	24	80	84	86	65	118	48	42		
Total establishments showing complete data.....	41	1,056	57.1	.1957	24	100	126	179	143	311	124	49		
Total establishments reported.....	52	1,217	57.3	.1966										
1908.														
Illinois:														
Establishments showing complete data.....	7	182	54.9	.2239			6	20	23	74	50	9		
All establishments reported	8	213	55.6	.2217										
Indiana:														
Establishments showing complete data.....	2	60	60.0	.1807		4	8	11	13	23	1			
All establishments reported	12	170	59.2	.1941										
Michigan.....	4	121	57.3	.1854		3	21	40	11	39	7			
Other States.....	28	423	57.8	.1971	20	37	6	68	45	113	48	29		
Total establishments showing complete data.....	41	786	57.2	.2003	20	44	98	139	92	249	106	38		
Total establishments reported.....	52	927	57.5	.2007										
1909.														
Illinois:														
Establishments showing complete data.....	7	225	54.9	.2163		2	11	26	36	98	47	10		
All establishments reported	8	258	55.5	.2155										
Indiana:														
Establishments showing complete data.....	2	66	59.7	.1777		5	11	15	11	23	1			
All establishments reported	12	192	59.0	.1948										
Michigan.....	4	137	56.4	.1801		8	16	45	18	48	2			
Other States.....	28	540	57.8	.1889	36	66	96	73	50	118	66	35		
Total establishments showing complete data.....	41	968	57.0	.1933	36	81	134	159	115	282	116	45		
Total establishments reported.....	52	1,127	57.3	.1949										
1910.														
Illinois:														
Establishments showing complete data.....	9	275	55.5	.2206	1		8	28	55	101	62	20		
All establishments reported	18	583	57.8	.2305										
Indiana:														
Establishments showing complete data.....	6	128	60.1	.1809	2	13	26	19	12	52	4			
All establishments reported	20	328	59.3	.1918										
Massachusetts:														
Establishments showing complete data.....	8	81	51.4	.2680		2	4	6	2	17	9	41		
All establishments reported	9	85	51.6	.2666										
Michigan:														
Establishments showing complete data.....	18	921	58.3	.1850		18	99	256	278	259	11			
All establishments reported	19	926	58.3	.1850										

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 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.									
					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.
1910.														
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	.1199	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									.....	.....
1911.														
Illinois:														
Establishments showing complete data.....	9	263	55.4	.2167	.....	3	10	35	43	98	53	21	.....	.....
All establishments reported.....	21	605	57.9	.2290	.....								.....	.....
Indiana:														
Establishments showing complete data.....	7	222	59.8	.1910	.....	6	53	41	24	71	25	1	1	.....
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	.....	15	101	294	277	362	15			.....
All establishments reported.....	19	1,068	57.7	.1868										.....
Missouri:														
Establishments showing complete data.....	7	97	60.0	.1874	.....	4	24	17	7	40	4	1		.....
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	.....	11	66	64	56	95	14	4		.....
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										.....
1912.														
Illinois:														
Establishments showing complete data.....	9	250	56.2	.2180	.....		19	25	43	98	63	2		.....
All establishments reported.....	21	619	58.4	.2337										.....
Indiana:														
Establishments showing complete data.....	7	210	58.7	.2110	.....	3	22	34	28	76	33	14		.....
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.

MACHINE HANDS: 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.										
					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.	
1909.															
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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1910.															
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	9	.....	.....
Michigan:															
Establishments showing complete data.....	18	672	58.0	.2284	.....	2	10	69	39	307	196	48	1	.....	.....
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	1	.....	.....
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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911.															
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	11	1	.....
Michigan:															
Establishments showing complete data.....	18	728	57.4	.2301	.....	.....	15	76	38	321	226	49	2	1	.....
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.**

[illegible]

UPHOLSTERERS: Male.

1911.									
Illinois:									
Establishments showing									
complete data.....	7	149	53.6	\$0.3199	.....	2	15	44	72 16
All establishments reported	8	203	53.7	.3094	.....				
Indiana.....									
	5	48	57.1	.2715	.....				
Massachusetts.....									
	3	16	50.0	.3919	.....				13 3
Michigan:									
Establishments showing									
complete data.....	6	52	59.4	.2805	.....	10	15	28	1
All establishments reported	7	66	58.3	.2932	.....				
New York:									
Establishments showing									
complete data.....	6	40	55.2	.3822	.....	1	1	4	20 5 9
All establishments reported	10	78	56.5	.3489	.....				
Ohio:									
Establishments showing									
complete data.....	3	25	57.1	.2675	.....	5	15	5	
All establishments reported	5	40	57.3	.2624	.....				



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

## UPHOLSTERERS: Male—Concluded.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Number of employees earning each classified rate of wages per hour.										
				Average 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.
1911.														
Pennsylvania:														
Establishments showing complete data.....	4	33	56.1	\$0.3170	.....	.....	1	.....	.....	2	14	9	6	1
All establishments reported.....	5	38	56.3	.3081	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	4	55	57.5	.2428	.....	3	4	3	4	12	16	12	1	.....
Other States.....	2	14	60.0	.2125	.....	2	1	1	2	4	2	2	.....	.....
Total establishments showing complete data.....	35	384	55.6	.3054	.....	5	6	4	9	49	110	159	32	10
Total establishments reported.....	49	558	55.8	.2996	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1912.														
Illinois:														
Establishments showing complete data.....	7	162	53.8	.3219	.....	.....	.....	.....	1	17	45	82	17	.....
All establishments reported.....	8	215	55.1	.3083	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	5	43	57.3	.2721	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	3	15	50.0	.4080	.....	.....	.....	.....	.....	.....	.....	4	11	.....
Michigan:														
Establishments showing complete data.....	6	35	58.5	.2743	.....	.....	.....	2	2	5	13	13	.....	.....
All establishments reported.....	7	41	57.8	.3001	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York:														
Establishments showing complete data.....	6	42	52.8	.3525	.....	.....	.....	.....	.....	5	10	18	1	8
All establishments reported.....	10	74	54.5	.3337	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio:														
Establishments showing complete data.....	3	21	57.7	.2562	.....	.....	.....	1	2	4	8	6	.....	.....
All establishments reported.....	5	38	57.6	.2616	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania:														
Establishments showing complete data.....	4	58	52.6	.3613	.....	.....	1	1	2	2	9	14	29	.....
All establishments reported.....	5	65	52.6	.3501	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	4	48	57.8	.2628	.....	1	1	3	2	14	12	14	1	.....
Other States.....	2	13	60.0	.2269	.....	1	.....	2	.....	4	4	2	.....	.....
Total establishments showing complete data.....	35	394	54.7	.3164	.....	2	2	9	9	51	101	153	59	8
Total establishments reported.....	49	552	55.5	.3068	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

## VENEERERS: Male.

<b>1911.</b>														
Illinois:														
Establishments showing complete data.....	6	15	59.3	\$0.2224	.....	2	1	.....	.....	6	5	1	.....	.....
All establishments reported.....	15	52	59.8	.2204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana:														
Establishments showing complete data.....	7	36	59.8	.1950	.....	.....	7	8	3	12	5	1	.....	.....
All establishments reported.....	12	49	59.6	.1955	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	2	55.0	.2350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	14	148	57.4	.2177	.....	1	.....	20	17	84	22	4	.....	.....
Missouri.....	3	6	60.0	.2403	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	18	49	58.6	.2161	.....	1	.....	4	10	23	10	1	.....	.....
Ohio.....	9	37	59.3	.2029	.....	.....	7	2	4	18	5	.....	.....	.....
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 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 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.
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	.....
	{ 1912	116	55.5	.2767	.....	.....	.....	5	5	24	37	43	2	.....
All establishments reported:														
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	.2329	.....	1	3	1	4	41	21	7	.....	.....
	{ 1912	84	59.1	.2243	.....	2	4	11	5	35	18	9	.....	.....
All establishments reported:														
11 establishments.....	{ 1907	129	59.5	.2207	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1908	112	59.5	.2129	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 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	.....	.....	.....
	{ 1912	50	58.3	.1785	.....	3	12	18	2	14	1	.....	.....	.....
All establishments reported:														
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.**[illegible]



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 employ-ees.	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 1912	7 7	59.6 59.4	\$0.2637 .2452	.....	.....	.....	.....	.....	3 3	3 2	1 1	.....	.....
PENNSYLVANIA.														
Establishments showing complete data:														
9 establishments.....	{ 1911 1912	18 24	58.4 57.7	.2725 .2819	.....	.....	1 .....	1 .....	.....	3 2	6 14	6 6	1 1	.....
All establishments reported:														
11 establishments.....	{ 1911 1912	29 30	57.2 57.1	.2672 .2794	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
WISCONSIN.														
2 establishments.....	{ 1911 1912	8 7	58.4 59.9	.2854 .3024	.....	.....	.....	.....	1 .....	1 1	4 4	1 1	1 1	.....

**CHAIR ASSEMBLERS: Male.**

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

**FINISHERS: Male.**

[illegible]



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 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.	
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	....	....	....	....	....
	{ 1912	133	58.8	.1665	10	10	40	26	19	25	3	....	....	....	....
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.**

State, and number of establishments.	Year.	Number of employ-ees.	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.
NEW YORK.														
Establishments showing complete data:														
23 establishments.....	{ 1910	532	59.7	\$0.2004	4	46	81	65	51	188	91	6	.....	.....
	{ 1911	554	58.7	.2085	2	39	68	61	62	211	89	20	2	.....
28 establishments.....	{ 1911	606	59.0	.2047	5	35	77	75	74	240	81	19	.....	.....
	{ 1912	611	56.6	.2156	2	15	44	103	62	246	97	42	.....	.....
All establishments reported:														
24 establishments.....	{ 1910	549	59.7	.1996	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1911	576	58.7	.2072	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36 establishments.....	{ 1911	726	59.0	.2063	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	746	56.8	.2168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NORTH CAROLINA.														
7 establishments.....	{ 1910	102	59.9	.1199	55	27	19	1	.....	.....	.....	.....	.....	.....
	{ 1911	118	59.9	.1225	59	29	22	8	.....	.....	.....	.....	.....	.....
11 establishments.....	{ 1911	175	59.9	.1214	89	47	29	10	.....	.....	.....	.....	.....	.....
	{ 1912	181	59.8	.1231	88	44	37	10	2	.....	.....	.....	.....	.....
OHIO.														
Establishments showing complete data:														
21 establishments.....	{ 1911	310	59.2	.1843	.....	11	66	64	56	95	14	4	.....	.....
	{ 1912	272	59.0	.1826	1	26	42	47	59	82	14	1	.....	.....
All establishments reported:														
23 establishments.....	{ 1911	373	59.3	.1866	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	338	59.0	.1863	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PENNSYLVANIA.														
Establishments showing complete data:														
5 establishments.....	{ 1910	134	56.6	.1979	3	8	24	17	16	31	29	6	.....	.....
	{ 1911	169	55.3	.2139	2	8	21	30	20	27	36	25	.....	.....
18 establishments.....	{ 1911	350	58.9	.1749	7	29	96	84	44	76	12	2	.....	.....
	{ 1912	399	58.8	.1761	1	25	119	103	46	87	17	1	.....	.....
All establishments reported:														
19 establishments.....	{ 1911	382	58.8	.1804	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	425	58.7	.1797	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TENNESSEE.														
5 establishments.....	{ 1911	78	59.5	.1450	17	23	15	11	6	4	2	.....	.....	.....
	{ 1912	68	59.3	.1471	11	22	11	8	4	7	3	.....	.....	.....
WISCONSIN.														
Establishments showing complete data:														
9 establishments.....	{ 1910	162	59.3	.1871	1	14	24	37	27	49	3	7	.....	.....
	{ 1911	161	59.3	.1797	4	6	29	50	22	44	4	2	.....	.....
9 establishments.....	{ 1911	181	59.4	.1755	4	14	32	58	28	44	1	.....	.....	.....
	{ 1912	179	59.9	.1775	2	15	24	55	34	47	2	.....	.....	.....
All establishments reported:														
10 establishments.....	{ 1911	191	59.4	.1788	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	187	59.9	.1827	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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 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.
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	33	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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 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	.....	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 employ-ees.	Av-erage nominal 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.
MICHIGAN.														
Establishments showing complete data:														
5 establishments.....	{ 1907	238	57.6	\$0.2141	.....	.....	17	38	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	.....	.....
PENNSYLVAN <sup>a</sup> .														
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.
ILLINOIS.														
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:														
8 establishments.....	{ 1911	203	53.7	.3094	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	215	55.1	.3083	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
INDIANA.														
5 establishments.....	{ 1911	48	57.1	.2715	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	43	57.3	.2721	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MASSACHUSETTS.														
3 establishments.....	{ 1911	16	50.0	.3919	.....	.....	.....	.....	.....	.....	.....	13	3	.....
	{ 1912	15	50.0	.4080	.....	.....	.....	.....	.....	.....	.....	4	11	.....
MICHIGAN.														
Establishments showing complete data:														
6 establishments.....	{ 1911	52	59.4	.2805	.....	.....	.....	.....	.....	10	15	26	1	.....
	{ 1912	35	58.5	.2743	.....	.....	.....	2	2	5	13	13	.....	.....
All establishments reported:														
7 establishments.....	{ 1911	66	58.3	.2932	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	41	57.8	.3001	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NEW YORK.														
Establishments showing complete data:														
6 establishments.....	{ 1911	40	55.2	.3822	.....	.....	.....	.....	1	1	4	20	5	9
	{ 1912	42	52.8	.3525	.....	.....	.....	.....	.....	5	10	18	1	8
All establishments reported:														
10 establishments.....	{ 1911	78	56.5	.3489	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	74	54.5	.3337	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
OHIO.														
Establishments showing complete data:														
3 establishments.....	{ 1911	25	57.1	.2675	.....	.....	.....	.....	.....	5	15	5	.....	.....
	{ 1912	21	57.7	.2562	.....	.....	.....	.....	1	2	4	8	6	.....
All establishments reported:														
5 establishments.....	{ 1911	40	57.3	.2624	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	38	57.6	.2616	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PENNSYLVANIA.														
Establishments showing complete data:														
4 establishments.....	{ 1911	33	56.1	.3170	.....	.....	1	.....	.....	2	14	9	6	1
	{ 1912	58	52.6	.3613	.....	.....	1	1	2	2	9	14	29	.....
All establishments reporting:														
5 establishments.....	{ 1911	38	56.3	.3081	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{ 1912	65	52.6	.3501	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
WISCONSIN.														
4 establishments.....	{ 1911	55	57.5	.2428	.....	3	4	3	4	12	16	12	1	.....
	{ 1912	48	57.8	.2628	.....	1	1	3	2	14	12	14	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.	Number of employ-ees.	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.	Over 60.
Cabinetmakers, male:											
50 establishments....	{ 1907	890	56.7	58	.....	53	27	156	102	77	417
	{ 1908	632	57.1	30	.....	42	11	99	45	130	275
	{ 1909	771	56.9	25	.....	75	5	121	85	138	322
	{ 1910	862	56.7	43	.....	42	7	154	140	155	321
112 establishments....	{ 1910	1,801	58.0	43	.....	74	7	161	209	271	1,019
	{ 1911	1,846	57.7	45	.....	68	30	114	302	381	882
169 establishments....	{ 1911	2,455	58.3	45	.....	80	19	108	296	478	1,405
	{ 1912	2,427	58.1	26	.....	72	36	106	481	331	1,352
Carvers, hand, male:											
25 establishments....	{ 1907	169	54.2	22	.....	26	2	49	4	26	40
	{ 1908	127	54.5	14	.....	20	2	33	4	32	22
	{ 1909	151	53.0	31	.....	21	1	48	3	30	17
	{ 1910	148	52.7	25	.....	31	2	48	4	22	16
65 establishments....	{ 1910	315	55.7	25	.....	31	2	52	27	61	116
	{ 1911	345	55.5	38	.....	34	5	45	45	62	115
76 establishments....	{ 1911	367	56.2	38	.....	5	5	64	45	69	140
	{ 1912	334	56.3	25	.....	6	29	40	64	38	131
Chair assemblers, male:											
6 establishments....	{ 1910	165	57.7	.....	.....	.....	.....	.....	85	40	40
	{ 1911	141	58.0	.....	.....	.....	.....	.....	64	31	46
15 establishments....	{ 1911	227	58.3	.....	.....	5	.....	.....	71	41	110
	{ 1912	237	57.8	.....	.....	5	11	.....	81	41	99
Finishers, male:											
52 establishments....	{ 1907	1,217	57.3	21	.....	21	6	256	201	223	489
	{ 1908	927	57.5	19	.....	14	3	164	159	200	368
	{ 1909	1,127	57.3	16	.....	27	.....	200	220	230	434
	{ 1910	1,164	57.3	19	.....	22	.....	210	210	284	419
128 establishments....	{ 1910	3,132	58.5	19	.....	45	.....	214	442	584	1,787
	{ 1911	3,206	58.0	17	.....	51	23	224	662	718	1,473
192 establishments....	{ 1911	4,407	58.5	17	.....	48	19	202	647	884	2,552
	{ 1912	4,357	58.1	17	.....	49	94	207	1,054	646	2,253
Machine hands, male:											
51 establishments....	{ 1907	1,347	58.2	10	.....	34	7	135	192	246	723
	{ 1908	1,047	58.1	9	.....	36	8	97	116	273	508
	{ 1909	1,153	57.9	10	.....	38	3	117	149	299	537
	{ 1910	1,239	57.4	9	.....	38	3	127	214	369	479
121 establishments....	{ 1910	3,151	58.7	9	.....	49	3	135	422	648	1,817
	{ 1911	3,107	58.3	9	.....	49	35	109	525	788	1,515
192 establishments....	{ 1911	4,855	58.8	9	.....	67	19	107	634	995	2,947
	{ 1912	4,797	58.4	7	.....	49	63	155	987	761	2,694
Upholsterers, male:											
19 establishments....	{ 1907	383	53.6	17	16	49	19	204	18	28	32
	{ 1908	310	53.5	7	21	37	19	163	16	37	10
	{ 1909	307	53.8	7	4	52	18	161	16	39	10
	{ 1910	325	53.8	7	2	52	14	174	28	33	15
38 establishments....	{ 1910	501	55.0	7	2	52	14	216	79	33	98
	{ 1911	518	54.7	9	3	49	48	231	43	56	79
49 establishments....	{ 1911	558	55.8	9	3	16	20	233	68	98	111
	{ 1912	552	55.5	8	29	15	24	192	87	97	100
Veneerers, male:											
58 establishments....	{ 1910	333	58.9	.....	.....	.....	.....	1	67	68	186
	{ 1911	317	58.4	.....	.....	.....	.....	1	84	76	140
94 establishments....	{ 1911	430	58.7	.....	.....	1	.....	1	89	98	225
	{ 1912	407	58.3	.....	.....	1	3	2	133	49	210

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.	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	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	1.9	.....
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	.6	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	.....	.....	.....	.....	.3	20.1	20.4	55.9	3.3	.....
	{ 1911	317	58.4	.....	.....	.....	.....	.3	26.5	24.0	44.2	5.0	.....
94 establishments....	{ 1911	430	58.7	.....	.....	.2	.....	.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.	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.
1907.												
Illinois.....	6	174	54.3	.....	.....	16	.....	137	.....	4	17	.....
Indiana.....	11	129	59.5	.....	.....	.....	.....	13	.....	18	116	.....
Michigan.....	5	121	58.1	.....	.....	.....	.....	54	.....	18	49	.....
Other States.....	28	466	56.4	58	.....	37	27	19	54	55	235	.....
Total.....	50	890	56.7	58	.....	53	27	156	102	77	417	.....
1908.												
Illinois.....	6	122	54.4	.....	.....	18	.....	83	.....	4	17	.....
Indiana.....	11	112	59.5	.....	.....	.....	.....	.....	.....	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	.....
1909.												
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	.....
1910.												
Illinois.....	16	306	56.6	.....	.....	18	.....	138	.....	18	132	.....
Indiana.....	19	243	59.4	.....	.....	.....	.....	24	.....	26	176	.....
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	.....	.....	.....	.....	.....	.....	14	78	.....
Pennsylvania.....	5	89	57.2	.....	.....	.....	.....	49	.....	40	.....	.....
Wisconsin.....	7	78	59.4	.....	.....	.....	.....	.....	.....	31	47	.....
Other States.....	14	195	59.1	.....	.....	.....	.....	38	.....	5	152	.....
Total.....	112	1,801	58.0	43	.....	74	7	161	209	271	1,019	17
1911.												
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
1912.												
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.	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

## CARVERS, HAND: Male.

<b>1911.</b>											
Illinois.....	17	87	56.4	.....	.....	4	.....	43	.....	9	31
Indiana.....	5	6	59.0	.....	.....	.....	.....	.....	1	1	3
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	.....	.....	43
Indiana.....	5	7	58.9	.....	.....	.....	.....	.....	1	2	3
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.

<b>1911.</b>											
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 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.
1907.												
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	.....
Total.....	52	1,217	57.3	21	.....	21	6	256	201	223	489	.....
1908.												
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	.....
Total.....	52	927	57.5	19	.....	14	3	164	159	200	368	.....
1909.												
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	.....
Total.....	52	1,127	57.3	16	.....	27	.....	200	220	230	434	.....
1910.												
Illinois.....	18	583	57.8	.....	.....	.....	.....	194	.....	104	285	.....
Indiana.....	20	328	59.3	.....	.....	.....	.....	.....	24	76	187	41
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	.....
Total.....	128	3,132	58.5	19	.....	45	.....	214	442	584	1,787	41
1911.												
Illinois.....	21	605	57.9	.....	.....	.....	.....	187	.....	101	317	.....
Indiana.....	22	416	59.4	.....	.....	.....	.....	.....	40	56	282	38
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	.....
Total.....	192	4,407	58.5	17	.....	48	19	202	647	884	2,552	38
1912.												
Illinois.....	21	619	58.4	.....	.....	.....	28	88	.....	113	390	.....
Indiana.....	22	409	58.6	.....	.....	.....	.....	.....	58	155	159	37
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	.....
Total.....	192	4,357	58.1	17	.....	49	94	207	1,054	646	2,253	37

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.
1907.											
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
1908.											
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
1909.											
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
1910.											
Illinois.....	16	452	58.2	.....	.....	8	.....	113	.....	43	288
Indiana.....	20	512	59.3	.....	.....	.....	.....	.....	38	132	274
Massachusetts.....	7	128	55.2	9	.....	41	.....	.....	.....	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
1911.											
Illinois.....	19	510	58.6	.....	.....	8	.....	89	.....	69	344
Indiana.....	22	688	59.2	.....	.....	.....	.....	.....	79	130	402
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
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
1912.											
Illinois.....	19	518	59.1	.....	.....	8	.....	47	.....	51	412
Indiana.....	22	679	58.8	.....	.....	.....	.....	.....	92	220	286
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
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



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 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 54.	51 and under 54.	54.	Over 54 and under 57.	57 and under 60.	60.
1911.											
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
1912.											
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.

<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
	{ 1911	239	59.4	.....	.....	.....	.....	19	.....	54	142
21 establishments .....	{ 1911	298	59.4	.....	.....	.....	.....	29	.....	31	214
	{ 1912	276	58.9	.....	.....	.....	.....	39	.....	73	141
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
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	.....	.....	.....	.....	49	.....	40	.....
	{ 1911	122	55.8	.....	.....	.....	21	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.
CABINETMAKERS, MALE—concluded.											
Tennessee:											
5 establishments .....	{ 1911	76	59.7	.....	.....	.....	.....	.....	5	.....	71
	{ 1912	62	59.7	.....	.....	.....	.....	.....	4	.....	58
Wisconsin:											
7 establishments .....	{ 1910	78	59.4	.....	.....	.....	.....	.....	.....	31	47
	{ 1911	84	59.5	.....	.....	.....	.....	.....	.....	34	50
8 establishments .....	{ 1911	92	59.5	.....	.....	.....	.....	.....	.....	34	58
	{ 1912	91	59.8	.....	.....	.....	.....	.....	.....	20	71
CARVERS, HAND.											
Illinois:											
17 establishments .....	{ 1911	87	56.4	.....	.....	4	.....	43	.....	9	31
	{ 1912	79	57.0	.....	.....	5	.....	31	.....	.....	43
Indiana:											
5 establishments .....	{ 1911	6	59.0	.....	.....	.....	.....	.....	1	1	3
	{ 1912	7	58.9	.....	.....	.....	.....	.....	1	2	3
Massachusetts:											
4 establishments .....	{ 1911	40	44.6	38	.....	1	.....	.....	.....	.....	1
	{ 1912	27	44.8	25	.....	1	.....	.....	.....	.....	1
Michigan:											
13 establishments .....	{ 1911	100	58.1	.....	.....	.....	.....	38	8	54	
	{ 1912	100	57.9	.....	.....	.....	.....	41	6	53	
New York:											
19 establishments .....	{ 1911	88	58.2	.....	.....	.....	5	13	32	38	
	{ 1912	76	56.2	.....	.....	.....	29	4	9	20	
Ohio:											
4 establishments .....	{ 1911	7	59.6	.....	.....	.....	.....	.....	.....	3	4
	{ 1912	7	59.4	.....	.....	.....	.....	.....	.....	4	3
Pennsylvania:											
11 establishments .....	{ 1911	29	57.2	.....	.....	.....	.....	8	6	9	
	{ 1912	30	57.1	.....	.....	.....	.....	5	13	4	
Wisconsin:											
2 establishments .....	{ 1911	8	58.4	.....	.....	.....	.....	.....	.....	8	.....
	{ 1912	7	59.9	.....	.....	.....	.....	.....	.....	1	6
CHAIR ASSEMBLERS, MALE.											
Massachusetts:											
2 establishments .....	{ 1911	20	56.8	.....	.....	5	.....	.....	.....	15	.....
	{ 1912	19	56.6	.....	.....	5	.....	.....	.....	14	.....
Michigan:											
3 establishments .....	{ 1911	100	57.3	.....	.....	.....	.....	71	.....	29	.....
	{ 1912	117	57.3	.....	.....	.....	.....	81	.....	36	.....
New York:											
2 establishments .....	{ 1911	22	60.0	.....	.....	.....	.....	.....	.....	22	.....
	{ 1912	19	55.8	.....	.....	.....	11	.....	.....	8	.....
North Carolina:											
2 establishments .....	{ 1911	15	60.0	.....	.....	.....	.....	.....	.....	.....	15
	{ 1912	15	60.0	.....	.....	.....	.....	.....	.....	.....	15
Ohio:											
3 establishments .....	{ 1911	20	60.0	.....	.....	.....	.....	.....	.....	.....	20
	{ 1912	20	59.7	.....	.....	.....	.....	.....	.....	3	17
FINISHERS, MALE.											
Illinois:											
8 establishments .....	{ 1907	295	55.0	.....	.....	.....	.....	241	.....	25	29
	{ 1908	213	55.6	.....	.....	.....	.....	150	.....	32	31
	{ 1909	258	55.5	.....	.....	.....	.....	186	.....	39	33
	{ 1910	269	55.5	.....	.....	.....	.....	194	.....	44	31
18 establishments .....	{ 1910	583	57.8	.....	.....	.....	.....	194	.....	104	285
	{ 1911	531	57.7	.....	.....	.....	.....	187	.....	83	261
21 establishments .....	{ 1911	605	57.9	.....	.....	.....	.....	187	.....	101	317
	{ 1912	619	58.4	.....	.....	.....	28	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 employ-ees.	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:												
4 establishments . . .	{ 1907	182	57.5	.....	.....	.....	.....	.....	109	52	21	.....
	{ 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.
MACHINE HANDS, MALE.											
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	.....	.....	.....	.....	.....	258	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	.....	.....	.....	.....	.....	87	42	.....
	{ 1911	128	55.4	.....	.....	.....	32	.....	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

