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WAGES AND HOURS OF LABOR SERIES: No. 6

WAGES AND HOURS OF LABOR IN THE
BUILDING AND REPAIRING OF STEAM
RAILROAD CARS: 1890 TO 1912



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The field work for 1907 to 1911 in connection with the report was done under the immediate charge of C. B. Wait, and that for 1912 was done by B. C. Washington, jr., and W. F. Kirk. The report was prepared and the field work directed by Fred C. Croxton.

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

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WAGES AND HOURS OF LABOR IN THE BUILDING AND REPAIRING OF STEAM RAILROAD CARS: 1890 TO 1912.

GENERAL SUMMARY.

This study of wages and hours of labor in the building and repairing of steam railroad cars shows rates of wages per hour and nominal full-time hours of work per week for the years 1907 to 1912, inclusive, and in addition it summarizes data published in previous reports¹ of the Bureau of Labor Statistics, and thus furnishes a comparison for the 23-year period, 1890 to 1912, inclusive.

The present report and also previous reports show wages and hours of labor for each of the most important productive occupations in car building and repairing, but do not show data for all the occupations in the industry. The occupations for which data are presented in this report are given in the tables on the next page. These occupations include a large proportion of the total employees on productive work and approximately 60 per cent of the total employees engaged in productive and nonproductive work.

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, as far as data are available, are shown in the table which follows.

By nominal full-time hours per week is meant the usual full working time, such as prevails when there is no industrial depression, overtime rush, or other unusual factor affecting the industry.

¹ Previous investigations of wages and hours of labor in the building and repairing of steam railroad cars have been made and 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.

PER CENT OF INCREASE OR DECREASE IN NOMINAL FULL-TIME HOURS PER WEEK IN CAR BUILDING AND REPAIRING: 1912 COMPARED WITH EACH OF THE FIVE YEARS PRECEDING.

Occupation.	Per cent higher (+) or lower (-) in 1912 than in—				
	1907	1908	1909	1910	1911
Cabinetmakers, male.....	+1.3	+1.5	+1.5	+1.5	-0.2
Carpenters and car builders, wood, male.....	-.1	+ .1	-.4	(1)	+ .5
Car repairers, male.....	-1.5	-1.2	+ .4	+ .2	+ .9
Fitters, male.....	(2)	(2)	(2)	-2.7	+1.0
Laborers, male.....	-1.5	-1.5	-1.1	(1)	+ .2
Machine woodworkers, male.....	-1.2	+ .1	-.7	(1)	-.2
Machinists, male.....	-4.8	-1.6	-1.8	-1.8	-.2
Painters, male.....	-1.3	-.5	-2.7	-.5	-.3
Pipe fitters, male.....	-1.7	-1.2	-1.6	-1.4	-.9
Riveters and buckers, male.....	(2)	(2)	(2)	-1.0	+ .2
Tinners, male.....	-1.3	-1.1	-1.3	-.7	-1.0
Truck builders, male.....	-1.0	-.5	-.7	-.5	+ .5
Upholsterers, male.....	-.5	-.2	-.5	-.3	(1)

¹ No change.

² No data.

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, as far as data are available, are shown in the table which follows:

PER CENT OF INCREASE OR DECREASE IN RATES OF WAGES PER HOUR IN CAR BUILDING AND REPAIRING: 1912 COMPARED WITH EACH OF THE FIVE YEARS PRECEDING.

Occupation.	Per cent higher (+) or lower (-) in 1912 than in—				
	1907	1908	1909	1910	1911
Cabinetmakers, male.....	+ 6.6	+11.2	+13.3	+ 4.2	+ 3.3
Carpenters and car builders, wood, male.....	+ 2.5	+ 5.5	+10.0	- 2.5	- 2.2
Car repairers, male.....	+ 8.0	+ 9.1	+10.5	+ 3.5	+ .5
Fitters, male.....	(1)	(1)	(1)	+ 7.3	- 4.0
Laborers, male.....	+13.6	+ 9.9	+13.0	+ 3.7	+ 3.2
Machine woodworkers, male.....	+ 8.3	+ 6.4	+ 7.2	+ 5.7	+ 3.3
Machinists, male.....	+10.9	+ 5.9	+ 8.9	+ 2.7	-.1
Painters, male.....	+ 8.5	+14.2	+12.1	+ 4.7	+ 2.1
Pipe fitters, male.....	+13.7	+14.2	+17.4	+ 5.2	+ 1.0
Riveters and buckers, male.....	(1)	(1)	(1)	+ .3	+11.6
Tinners, male.....	+ 8.7	+11.0	+15.2	-.1	-.6
Truck builders, male.....	+12.2	+11.4	+13.8	+ 8.2	+ 4.4
Upholsterers, male.....	+14.3	+18.1	+18.1	+ 9.0	+ 2.1

¹ No data.

An increase in rates of wages per hour makes an increase in the earnings for a full week's work if the hours of labor remain the same. On the other hand, a reduction in the number of hours of labor, with the rate per hour the same, produces a reduction of the full week's earnings. Thus changes in earnings per full week are governed both by changes in rates and changes in hours of labor.

The next table shows for each occupation the per cent of increase or decrease in earnings for a full week's work in 1913 as compared with each preceding year back to 1907.

The occupation figures of this table are computed from the relative nominal full-time hours per week and the relative rates of wages per hour given on pages 8 to 11. The relative wages were multiplied by the relative hours giving the relative earnings per full week. The per cent of the change in the relative earnings per week were then computed and compiled in the table.

The results of this method of computation are approximately the same as relative earnings computed from an average of the actual earnings per full week; the process is very much shorter and hence has been used.

The table follows:

PER CENT OF INCREASE OR DECREASE IN EARNINGS PER WEEK ON FULL TIME, 1912, COMPARED WITH EACH OF THE FIVE PRECEDING YEARS.

Occupation.	Per cent higher (+) or lower (-) in 1912 than in—				
	1907	1908	1909	1910	1911
Cabinetmakers, male.....	+ 8.0	+12.9	+15.0	+5.8	+ 3.1
Carpenters and car builders, wood, male.....	+ 2.4	+ 5.6	+ 9.5	-2.5	- 1.7
Car repairers, male.....	+ 6.4	+ 7.8	+11.0	+3.8	+ 1.4
Fitters, male.....	(1)	(1)	(1)	+4.4	- 3.0
Laborers, male.....	+11.9	+ 8.3	+11.7	+3.7	+ 3.4
Machine woodworkers, male.....	+ 7.0	+ 6.5	+ 6.4	+5.7	+ 3.0
Machinists, male.....	+ 5.6	+ 4.2	+ 6.9	+ .9	- .3
Painters, male.....	+ 7.1	+13.6	+ 9.1	+4.2	+ 1.8
Pipe fitters, male.....	+11.7	+12.9	+15.5	+3.7	+ .1
Riveters and buckers, male.....	(1)	(1)	(1)	- .7	+11.8
Tinners, male.....	+ 7.3	+ 9.8	+13.7	- .9	- 1.5
Truck builders, male.....	+11.1	+10.9	+13.0	+7.7	+ 4.9
Upholsterers, male.....	+13.7	+17.9	+17.5	+8.6	+ 2.1

¹ No data.

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 indicated in this table, many changes in the occupations included have been made from time to time during the period covered. The base used for computing the relatives for each occupation, except as noted, is the average of the 10-year period, 1890 to 1899.

The figures of the table are for relative hours of labor and relative wages computed from the actual hours and wages in the establishments furnishing data. The method of computing relative numbers is explained on page 17.

As explained elsewhere these relative hours do not in any way indicate the extent of overtime work or of unemployment.

RELATIVE NOMINAL FULL-TIME HOURS PER WEEK AND RELATIVE RATES OF WAGES PER HOUR IN THE PRINCIPAL OCCUPATIONS IN CAR BUILDING AND REPAIRING, 1890 TO 1912.

[Data are included from 49 establishments, 1890-1903; 52 establishments, 1903, 1904; 46 establishments, 1904, 1905; 46 establishments, 1905, 1906; 47 establishments, 1906, 1907; 22 establishments, 1907-1910; 61 establishments, 1910, 1911; and 70 establishments, 1911, 1912.]

Year.	Blacksmiths, male.		Boiler makers, male.		Brass finishers, male.		Cabinetmakers, male.		Carpenters and car builders, wood, male. ¹	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1890.....	101.9	102.3	103.7	100.4	100.2	105.8	100.1	107.6	101.2	101.6
1891.....	100.8	101.0	100.9	101.8	99.2	105.1	99.8	107.3	100.4	101.4
1892.....	101.5	101.6	103.3	100.8	100.3	104.2	99.9	102.3	101.3	102.9
1893.....	101.1	101.8	102.6	101.3	100.4	107.0	100.3	105.4	100.5	104.6
1894.....	96.6	101.1	94.8	99.1	99.8	87.9	99.9	86.5	97.9	96.9
1895.....	98.1	102.2	97.2	98.7	99.6	93.8	100.1	91.8	99.0	98.4
1896.....	98.8	96.1	97.2	99.1	99.8	98.5	100.0	97.9	98.9	97.5
1897.....	98.1	99.4	97.4	98.7	99.6	99.1	99.9	97.2	98.6	98.2
1898.....	101.1	97.0	101.5	99.4	100.5	98.2	99.9	99.3	101.2	97.8
1899.....	101.8	97.5	101.4	100.5	100.5	100.3	100.0	104.7	101.0	100.8
1900.....	101.9	97.9	101.8	101.9	100.5	105.5	100.2	106.9	101.3	100.6
1901.....	100.9	99.2	100.2	102.7	100.3	101.0	99.4	112.7	100.6	102.3
1902.....	100.7	100.4	99.8	105.5	100.4	112.0	99.6	122.5	100.7	105.9
1903.....	99.9	104.4	98.5	113.4	94.0	120.6	93.4	130.4	99.0	109.7
1904.....	98.4	111.5	98.5	118.3	93.3	130.6	91.9	132.3	97.5	113.4
1905.....	97.8	107.8	97.4	120.7	92.8	113.7	92.0	120.1	97.3	115.5
1906.....	97.0	110.9	96.9	121.5	92.8	117.7	92.0	122.9	96.9	119.0
1907.....	96.3	119.4	96.5	128.9	93.0	122.4	92.0	128.2	97.0	124.5
1908.....	(²)	(²)	(²)	(²)	(²)	(²)	91.8	122.9	96.8	121.0
1909.....							91.8	120.7	97.3	116.0
1910.....							91.8	131.2	96.9	130.9
1911.....							93.4	132.3	96.4	130.5
1912.....							93.2	136.7	96.9	127.6

¹ Reported as carpenters, 1890 to 1906.

² Report on this occupation discontinued.

WAGES AND HOURS OF LABOR, 1890 TO 1912—CAR BUILDING. 9

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

Year.	Car repairers, male.		Coppersmiths, male.		Fitters, male.		Laborers, male.		Machine woodworkers, 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			105.6	101.4			101.2	99.7	100.8	102.9
1891			104.1	101.3			101.3	99.2	100.7	106.0
1892			103.7	100.6			101.0	100.7	101.2	100.4
1893			101.7	102.9			100.3	112.3	101.2	102.5
1894			93.4	99.8			97.5	99.9	98.9	97.3
1895			96.6	101.4			99.8	97.2	99.3	96.4
1896			95.5	99.2			99.6	98.1	99.3	99.1
1897			95.7	97.4			99.1	98.5	98.8	95.4
1898			102.1	96.2			100.2	97.2	99.8	99.1
1899			101.7	99.5			100.0	97.5	100.1	100.9
1900			103.0	99.4			100.2	100.5	100.6	101.7
1901			101.6	99.0			100.6	100.3	99.6	100.8
1902			102.8	100.4			100.3	103.1	99.7	106.0
1903			102.3	102.5			102.4	104.4	96.1	113.7
1904			101.9	107.5			100.9	106.3	94.0	115.9
1905			99.6	110.3			100.0	107.8	94.2	115.4
1906			(¹)	(¹)			99.7	109.4	93.7	118.1
1907	² 100.0	² 100.0					99.9	111.9	94.0	122.9
1908	² 99.7	² 99.0					99.9	115.6	92.8	125.1
1909	² 98.1	² 97.7					99.5	112.5	93.6	124.2
1910	² 98.3	² 104.3			³ 100.0	³ 100.0	98.4	122.6	92.9	125.9
1911	² 97.6	² 107.5			³ 96.3	³ 111.8	98.2	123.2	93.1	128.9
1912	² 98.5	² 108.0			³ 97.3	³ 107.3	98.4	127.1	92.9	133.1

¹ Report on this occupation discontinued.

² Data for 1890 to 1906 not available; computed with 1907=100.0.

³ 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 CAR BUILDING AND REPAIRING, 1890 TO 1912—Continued.

Year.	Machinists, male.		Molders, brass, male.		Molders, iron, male.		Painters, male.		Pattern makers, male.	
	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.	Relative nominal full-time hours per week.	Relative rate of wages per hour.
Average, 1890-1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1890.....	102.0	100.5	101.0	105.6	100.4	105.1	101.3	102.5	101.6	101.8
1891.....	100.7	100.1	101.4	106.9	100.8	103.7	101.1	102.4	100.9	102.5
1892.....	102.2	100.3	101.4	98.9	100.8	104.5	101.3	101.6	101.6	101.2
1893.....	101.3	100.8	101.1	101.0	100.7	108.5	101.4	103.1	101.7	103.4
1894.....	95.9	100.7	94.5	104.4	96.4	99.2	98.2	97.8	98.9	100.9
1895.....	99.4	99.9	101.2	93.8	100.7	99.1	99.1	96.5	97.8	99.0
1896.....	98.7	99.5	100.9	94.2	101.2	92.6	99.0	98.7	97.7	95.8
1897.....	98.4	99.4	96.3	96.4	96.9	96.2	98.1	100.8	97.1	97.0
1898.....	100.3	98.9	101.1	97.0	101.0	95.5	100.2	98.3	101.0	100.0
1899.....	101.0	100.2	101.2	101.6	101.1	95.7	100.4	98.6	101.8	98.7
1900.....	101.7	100.6	101.5	99.7	101.1	97.9	100.8	97.3	101.7	100.1
1901.....	101.4	102.1	101.6	102.1	100.2	98.8	99.8	99.4	101.0	102.1
1902.....	101.3	104.8	101.8	109.2	100.2	101.2	99.7	101.5	101.5	102.5
1903.....	99.3	110.7	95.5	117.5	99.3	106.0	98.9	105.4	98.3	108.5
1904.....	98.5	115.2	94.9	121.4	97.8	110.1	96.2	111.4	97.5	110.7
1905.....	96.9	115.8	94.6	123.6	97.0	113.1	95.6	113.7	97.2	112.5
1906.....	96.7	118.6	95.3	127.2	97.0	119.0	95.3	115.3	96.7	115.8
1907.....	96.3	126.0	95.9	130.6	96.5	129.6	95.2	118.0	97.1	122.7
1908.....	93.2	131.9	(¹)	(¹)	(¹)	(¹)	94.5	112.1	(¹)	(¹)
1909.....	93.4	128.3	.....	.....	.....	.....	96.6	114.2	.....	.....
1910.....	93.4	136.0	.....	.....	.....	.....	94.5	122.2	.....	.....
1911.....	91.9	139.8	.....	.....	.....	.....	94.3	125.4	.....	.....
1912.....	91.7	139.7	.....	.....	.....	.....	94.0	128.0	.....	.....

¹ Report on this occupation discontinued.

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

Year.	Pipe fitters, male.		Riveters and buckers, male.		Tinkers, male.		Truck builders, male.		Upholsterers, 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.....	102.5	103.6	.....	.....	102.1	98.2	.....	.....	100.7	108.0
1891.....	102.7	97.0	.....	.....	101.1	97.1	.....	.....	100.9	105.3
1892.....	103.3	95.7	.....	.....	101.1	102.9	.....	.....	100.9	105.1
1893.....	102.5	101.7	.....	.....	100.6	101.4	.....	.....	101.1	107.0
1894.....	94.5	102.5	.....	.....	97.3	97.8	.....	.....	98.5	92.9
1895.....	96.7	99.5	.....	.....	98.6	99.3	.....	.....	98.7	97.0
1896.....	96.3	99.2	.....	.....	98.6	101.8	.....	.....	99.5	94.9
1897.....	96.4	99.6	.....	.....	98.2	102.3	.....	.....	99.0	96.2
1898.....	102.1	101.4	.....	.....	101.3	96.6	.....	.....	100.2	96.2
1899.....	103.0	99.9	.....	.....	101.2	102.6	.....	.....	100.6	97.2
1900.....	102.9	99.1	.....	.....	102.0	103.4	.....	.....	101.0	98.1
1901.....	101.4	101.2	.....	.....	100.7	103.4	.....	.....	100.5	100.0
1902.....	101.4	100.1	.....	.....	100.3	112.2	.....	.....	100.0	103.9
1903.....	100.5	106.5	.....	.....	97.6	119.1	.....	.....	94.9	111.8
1904.....	99.3	110.4	.....	.....	96.5	121.7	.....	.....	91.9	123.1
1905.....	99.0	108.5	.....	.....	95.9	121.8	.....	.....	92.0	113.9
1906.....	98.9	113.8	.....	.....	95.0	130.0	.....	.....	92.6	118.8
1907.....	98.5	119.9	.....	.....	94.8	138.1	¹ 100.0	¹ 100.0	92.8	126.2
1908.....	98.0	119.3	.....	.....	94.6	135.2	99.5	100.7	92.5	122.1
1909.....	98.4	116.1	.....	.....	94.8	130.3	99.7	98.6	92.8	122.1
1910.....	98.2	129.6	² 100.0	² 100.0	94.3	150.3	99.5	103.7	92.6	132.3
1911.....	97.7	134.9	² 98.8	² 89.9	94.5	151.0	98.5	107.5	92.3	141.2
1912.....	96.8	136.3	² 99.0	² 100.3	93.6	150.1	99.0	112.2	92.3	144.2

¹ Data for 1890 to 1906 not available; computed with 1907=100.0.

² Data for 1890 to 1909 not available; computed with 1910=100.0.

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.

The data for the several years 1907 to 1911 were secured in 1911. Owing to the difficulty of 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. Data for 1910 and 1911 were obtained from a larger number of establishments.

In 1912 or early in 1913 data were gathered for the year 1912 from the establishments that furnished data for 1911, and at the same time some additional data relating to 1911 and 1912 were gathered from a few new establishments, the scope of the work being enlarged to include a greater number of establishments.

To permit a comparison of data from year to year the data for identical establishments are grouped together. A true comparison can be made, of course, only of data from the same establishments.

Data for 1912 from new establishments are included in this tabulation only when it was possible to get like data for 1911 from the same establishments. The data are for the pay-roll period ending nearest May 15 each year, except for a very few establishments in which conditions in May were particularly abnormal.

In about half the establishments the pay-roll period covers one month, and in nearly all the others the period is a half month. In a very few establishments the period is one week.

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 CAR BUILDING AND REPAIRING, 1907 TO 1912.

[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 were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.							
			Under 54.	54.	Over 54 and under 60.	60 and over.		Under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.			
													Average nominal full-time working hours per week.		
Cabinetmakers, male:															
16 establishments.....	1907	686	54.7	8.7	60.6	22.0	8.6	\$0.3345	0.4	5.4	23.2	61.8	9.1		
	1908	520	54.6	11.7	68.1	11.0	9.2	.3207	.2	4.4	31.3	62.5	1.5		
	1909	573	54.6	12.6	60.6	18.5	8.4	.3149	.2	5.4	33.3	57.6	3.5		
	1910	658	54.6	11.1	60.6	20.1	8.2	.3423	.....	1.8	24.9	62.8	10.6	
34 establishments.....	1910	1,169	54.9	14.9	38.8	33.0	13.3	.3227	.5	7.8	30.4	53.9	7.5		
	1911	1,155	56.0	15.5	36.8	35.1	12.6	.3254	.2	4.2	32.4	53.0	10.2		
34 establishments.....	1911	1,161	55.0	14.9	37.3	35.4	12.5	.3247	.2	4.0	33.2	52.4	10.2		
	1912	1,183	54.9	12.3	48.9	26.8	11.9	.3354	.6	.9	27.0	58.7	12.8		
Carpenters and car builders, wood, male:															
20 establishments.....	1907	4,139	55.6	6.2	55.5	18.8	19.5	.3027	3.2	21.8	30.1	31.2	13.7		
	1908	2,594	55.5	12.6	49.7	21.4	16.4	.2942	1.1	22.5	28.8	43.2	4.3		
	1909	3,323	55.8	8.3	46.7	23.8	21.1	.2820	3.1	27.9	31.1	34.1	3.7		
	1910	3,649	55.6	7.8	51.1	22.1	19.0	.3182	1.5	19.1	25.0	35.7	18.8		
55 establishments.....	1910	8,156	56.3	8.4	33.8	29.3	28.4	.2955	8.0	23.5	22.4	33.6	12.6		
	1911	7,801	56.0	10.5	36.8	27.8	25.0	.2945	4.4	24.6	25.8	36.5	8.9		
63 establishments.....	1911	7,979	56.1	10.3	39.5	23.2	27.0	.2917	3.9	24.8	28.6	35.2	7.6		
	1912	7,543	56.4	10.5	35.8	18.9	34.8	.2851	8.0	25.1	28.1	31.3	7.6		
Car repairers, male:															
16 establishments.....	1907	2,332	56.7	11.4	19.0	39.3	30.3	.2467	16.0	43.9	20.1	18.4	1.6		
	1908	1,703	56.5	15.7	22.3	35.9	26.1	.2442	17.4	46.9	17.2	17.6	1.0		
	1909	2,111	55.6	16.2	33.8	33.3	16.7	.2411	11.2	49.8	26.7	10.7	1.5		
	1910	2,399	55.7	15.0	31.9	36.7	16.4	.2575	8.0	46.1	21.6	22.9	1.3		
48 establishments.....	1910	6,877	55.9	12.7	39.4	19.7	28.3	.2436	21.8	43.8	15.2	16.4	2.7		
	1911	6,592	55.5	15.0	43.8	16.4	24.7	.2510	18.2	43.6	16.9	17.9	3.5		
58 establishments.....	1911	7,539	55.9	13.0	39.6	17.3	29.9	.2578	15.1	43.2	16.5	20.7	4.5		
	1912	9,334	56.4	8.7	40.9	18.3	32.0	.2589	13.3	38.0	25.7	19.2	3.9		
Fitters, male:															
9 establishments.....	1910	1,739	57.4	3.2	24.6	48.2	24.0	.2441	42.8	18.2	16.3	14.8	8.0		
	1911	1,478	55.3	9.1	42.8	37.1	11.1	.2730	27.8	17.1	15.6	29.0	8.0		
11 establishments.....	1911	1,761	56.0	7.7	35.9	33.6	22.8	.2606	35.5	16.0	13.9	25.3	9.4		
	1912	1,700	56.6	3.8	30.6	38.7	26.9	.2501	37.2	19.6	16.5	18.0	8.7		
Machine woodworkers, male:															
20 establishments.....	1907	584	55.6	9.2	50.7	17.5	22.6	.2829	4.8	21.1	33.6	38.7	1.9		
	1908	473	54.9	13.3	58.1	15.9	12.7	.2879	3.8	17.3	32.6	45.7	.6		
	1909	488	55.4	11.3	49.6	21.8	17.4	.2859	4.0	21.3	28.7	43.9	2.0		
	1910	602	55.0	9.0	64.3	14.7	12.1	.2899	2.7	23.8	29.2	41.2	3.2		
58 establishments.....	1910	1,512	55.9	9.7	35.4	34.3	20.6	.2667	13.2	27.1	27.9	29.7	2.2		
	1911	1,331	56.0	10.6	32.3	33.6	23.5	.2731	12.9	22.1	29.9	33.1	2.2		
68 establishments.....	1911	1,443	56.2	9.8	32.3	30.9	26.9	.2703	13.3	22.5	31.6	30.6	2.0		
	1912	1,268	56.1	11.1	31.6	29.5	27.8	.2790	9.0	21.8	31.8	35.2	2.3		

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 CAR BUILDING AND REPAIRING, 1907 TO 1912—Continued.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time working hours per week.	Per cent of employees whose nominal full-time working hours per week were—				Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.						
				Under 54.	54.	Over 54 and under 60.	60 and over.		* Under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 cts. and over.		
Machinists, male:															
12 establishments.....	1907	308	56.0	13.6	30.8	19.2	36.4	\$0.3008	.....	16.6	38.0	39.3	6.2		
	1908	259	54.2	16.6	60.6	19.7	3.1	.3150	.....	10.4	34.7	40.5	14.3		
	1909	304	54.3	14.5	63.8	18.1	3.6	.3065	.....	11.5	34.9	45.7	7.9		
	1910	342	54.3	12.3	62.0	22.5	3.2	.3249	.....	5.8	33.6	45.0	15.5		
38 establishments.....	1910	860	55.3	18.4	39.4	30.3	11.9	.3072	.1	7.7	43.6	40.9	7.6		
	1911	889	54.4	23.3	42.3	25.9	8.5	.3158	.3	6.5	42.9	41.4	8.9		
34 establishments.....	1911	588	56.7	9.2	22.6	38.0	30.3	.3145	.2	14.5	29.6	44.2	11.6		
	1912	555	56.6	9.2	27.0	33.0	30.8	.3142	3.9	14.8	28.8	38.4	14.1		
Painters, male:															
19 establishments.....	1907	1,146	55.2	16.8	44.6	21.8	16.8	.3066	6.8	22.4	21.8	32.9	16.1		
	1908	874	54.8	22.4	48.1	16.2	13.4	.2912	3.7	21.4	22.9	45.0	7.1		
	1909	1,098	56.0	18.4	44.5	22.7	14.3	.2967	8.1	19.7	22.2	43.7	6.3		
	1910	1,348	54.8	14.0	60.0	15.7	10.3	.3174	3.8	17.7	20.5	39.9	18.2		
60 establishments.....	1910	2,664	55.5	14.5	39.2	26.7	19.6	.2959	10.5	20.4	23.7	31.3	14.2		
	1911	2,911	55.4	13.5	43.6	25.8	17.1	.3037	8.1	20.3	22.3	33.9	15.5		
69 establishments.....	1911	3,102	55.7	12.4	41.4	24.8	21.5	.3029	7.8	21.2	22.4	33.7	14.9		
	1912	2,846	55.5	12.1	44.9	20.6	22.5	.3092	5.5	20.9	22.9	34.3	16.4		
Pipe fitters, male:															
18 establishments.....	1907	266	55.0	10.2	57.1	19.5	13.2	.3039	1.6	11.7	44.7	30.8	11.3		
	1908	222	54.7	12.2	63.5	16.7	7.7	.3024	1.4	11.7	38.7	45.9	2.3		
	1909	258	54.9	12.4	57.8	18.2	11.6	.2942	1.2	12.8	44.6	38.4	3.1		
	1910	303	54.8	11.2	62.0	15.2	11.6	.3283	1.6	7.3	37.0	28.4	25.8		
48 establishments.....	1910	593	55.2	16.2	40.8	30.1	12.8	.3052	3.0	13.8	36.8	32.0	14.3		
	1911	651	54.9	14.3	46.9	28.1	10.8	.3177	1.2	14.1	30.6	35.6	18.4		
50 establishments.....	1911	678	55.7	10.0	42.5	26.1	21.4	.3210	1.7	11.7	28.3	40.3	18.0		
	1912	515	55.2	12.2	49.3	25.7	12.8	.3244	5.0	7.2	25.0	43.9	18.9		
Riveters and buckers, male:															
14 establishments.....	1910	1,524	56.0	4.0	16.1	71.3	8.6	.3127	19.3	16.4	16.3	28.3	19.7		
	1911	802	55.3	21.9	29.2	35.4	13.5	.2812	16.5	30.5	16.7	24.4	11.8		
16 establishments.....	1911	1,160	56.7	15.6	20.5	24.5	39.4	.2734	19.2	27.8	19.8	24.7	8.5		
	1912	1,220	56.8	4.3	19.7	48.6	27.5	.3056	11.9	22.4	17.9	29.4	18.4		
Tinners, male:															
15 establishments.....	1907	228	54.5	15.8	51.3	27.2	5.7	.3422	.4	4.4	24.6	43.4	27.2		
	1908	178	54.4	20.2	51.1	24.7	3.9	.3350	1.2	4.5	24.2	57.3	12.9		
	1909	280	54.5	15.4	55.7	23.9	5.0	.3228	.8	7.9	22.1	65.4	3.9		
	1910	456	54.2	10.1	69.5	19.7	.7	.3724	.4	2.0	11.6	44.5	41.5		
48 establishments.....	1910	745	54.8	13.2	50.3	26.7	9.8	.3424	.3	7.1	23.8	41.3	27.5		
	1911	745	54.9	13.3	47.1	27.8	11.8	.3439	.6	6.2	20.1	47.9	25.0		
54 establishments.....	1911	785	55.2	12.6	44.6	26.2	16.6	.3424	.7	5.7	21.4	48.2	23.9		
	1912	632	54.7	15.3	46.2	28.0	10.4	.3403	5.4	3.3	19.1	46.7	25.3		
Truck builders, male:															
14 establishments.....	1907	421	55.5	21.9	39.9	15.4	22.8	.2477	19.5	40.4	20.4	17.6	2.2		
	1908	276	55.2	28.6	35.9	17.0	18.5	.2493	6.8	51.1	24.6	16.3	1.2		
	1909	327	55.3	18.3	43.1	22.3	16.2	.2442	9.4	51.1	22.3	16.5	.6		
	1910	393	55.2	10.9	51.9	24.2	13.0	.2568	4.1	48.3	26.2	20.4	1.0		
44 establishments.....	1910	1,011	56.1	16.8	34.7	26.7	21.7	.2449	23.5	36.5	21.1	17.6	1.3		
	1911	907	55.0	18.5	43.0	20.8	17.6	.2538	13.9	38.7	26.4	19.6	1.4		
44 establishments.....	1911	943	55.4	17.6	37.9	21.3	23.2	.2534	13.6	40.4	25.8	18.8	1.5		
	1912	891	55.7	14.0	33.9	27.7	24.4	.2645	11.2	39.5	22.1	23.5	3.7		
Upholsterers, male:															
18 establishments.....	1907	231	54.6	13.4	61.9	16.5	8.2	.3276	.4	7.4	27.3	53.9	6.1		
	1908	179	54.4	19.0	61.5	11.8	7.8	.3170	.....	6.7	29.1	63.1	1.1		
	1909	196	54.6	16.8	58.2	17.3	7.7	.3169	.5	4.6	30.6	64.3	.....	
	1910	269	54.5	13.4	68.4	11.5	6.7	.3433	.4	4.1	20.8	60.2	14.5		
42 establishments.....	1910	477	55.1	14.0	45.3	25.6	15.1	.3232	.8	11.1	24.7	52.2	11.1		
	1911	500	54.9	13.8	52.2	20.0	14.0	.3449	.....	2.4	25.8	44.4	27.4		
46 establishments.....	1911	506	54.9	17.6	48.6	19.7	14.0	.3440	.....	2.2	25.9	44.9	27.1		
	1912	473	54.9	13.3	52.4	19.5	14.8	.3514	.....	1.5	22.2	45.2	31.1		

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 CAR BUILDING AND REPAIRING, 1907 TO 1912—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average nominal full-time working hours per week.	Per cent of employees whose nominal full-time working hours per week were—			Average rate of wages per hour.	Per cent of employees earning each classified rate of wages per hour.						
				Under 54.	54.	Over 54 and under 60.		60 and over.	Under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 25 cts.	25 cts. and over.	
Laborers, male:														
20 establishments.....	1907	4,671	56.0	7.2	42.0	22.1	28.7	\$0.1813	5.3	21.2	48.5	16.2	8.8	
	1908	1,907	56.0	15.4	32.6	23.0	29.0	.1873	7.7	23.1	33.6	20.0	15.5	
	1909	2,963	55.8	14.2	38.9	23.3	23.5	.1823	5.9	23.2	34.1	18.0	12.8	
	1910	3,823	55.2	9.6	45.4	28.7	16.4	.1986	1.8	10.7	36.9	33.1	17.3	
60 establishments.....	1910	10,114	56.1	9.6	26.3	43.7	20.5	.1751	7.4	38.0	26.8	19.3	8.3	
	1911	7,695	56.0	12.8	29.6	35.5	22.1	.1760	7.8	36.3	27.8	18.7	9.4	
68 establishments.....	1911	8,001	56.2	12.3	27.5	33.1	27.2	.1731	10.7	38.3	24.7	17.7	8.6	
	1912	8,208	56.3	7.9	29.6	36.7	25.8	.1786	9.7	29.1	34.2	16.4	10.6	

EXPLANATION OF SCOPE AND METHOD.

This report includes data from private car-building shops and railroad shops engaged wholly or mainly in building and repairing steam railroad cars, both passenger and freight and both wood and steel.

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.....	49 identical establishments.
1903 and 1904.....	52 identical establishments.
1904 and 1905.....	46 identical establishments.
1905 and 1906.....	46 identical establishments.
1906 and 1907.....	47 identical establishments.
1907 to 1910.....	22 identical establishments.
1910 and 1911.....	61 identical establishments.
1911 and 1912.....	70 identical establishments.

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

A greater number of establishments could not be covered because of the limited funds available for the purpose.

In order that the 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 70 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 the establishments from which to secure data the Bureau undertook to represent all States in which the building and repairing of steam railroad cars is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures, 1905. In selecting establishments in 1912 every State having 7,345 or more employees in the industry, according to the United States Census of Manufactures in 1905, is represented and also eight States having less than that number. The table which follows shows by States the number of employees in the 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, except for a 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, however, of the leading States, as measured by the number of employees in this industry, did not change materially during the five years, from 1905 to 1910.

TOTAL NUMBER OF EMPLOYEES IN CAR BUILDING AND REPAIRING 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.
Pennsylvania.....	54,411	47,299	8	11,929	5,817
Illinois.....	34,076	28,131	5	13,359	5,864
Ohio.....	23,010	19,091	8	4,430	2,545
New York.....	18,841	15,774	2	1,641	1,167
Indiana.....	16,968	14,600	7	4,149	2,247
Missouri.....	11,786	9,945	7	4,508	3,282
Texas.....	9,782	8,593	4	1,816	1,387
Michigan.....	9,503	8,266	1	428	281
California.....	9,488	8,251	2	1,508	1,203
Wisconsin.....	9,189	5,444	2	3,023	2,335
Minnesota.....	8,320	5,767	3	1,940	1,468
Kansas.....	8,213	6,196	2	1,201	898
Virginia.....	7,069	7,345	3	2,022	1,348
Iowa.....	7,501	6,372	.....	.....	.....
New Jersey.....	6,768	5,556	2	630	458
Tennessee.....	6,670	4,760	5	2,459	1,628
Georgia.....	6,413	4,777	.....	.....	.....
Alabama.....	6,338	5,501	4	1,997	1,747
Maryland.....	6,096	4,977	.....	.....	.....
West Virginia.....	5,975	4,255	.....	.....	.....
Massachusetts.....	5,778	4,896	2	1,592	1,128
Kentucky.....	5,741	4,588	3	2,167	1,515
Other States ¹	46,674	40,574	.....	.....	.....
Total.....	325,290	270,958	70	60,799	36,368

¹Includes States having less than 5,000 employees in 1910 and less than 4,000 in 1905.

According to the census of 1905 and the census of 1910 more than 77 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located.

The number of employees on the pay rolls of the establishments from which the Bureau secured 1912 data was equal to 18.7 per cent of the total in the industry in 1910, as reported by the United States Census Office, and the number of employees from whom the Bureau secured detailed information in 1912 was equal to 11.2 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.

On page 14 attention is drawn to the difference in the number of establishments covered in different years, and to the fact that data for different years are strictly comparable only when such data relate to identical establishments, and that the data shown are usually for a pay period in May each year.

The hours of labor per week shown in the tables of the report are the nominal full-time hours, that is, the regular working time, or in case of rush or slack work, the working time to which both employer and employees expect to return when conditions become normal. The hours per week actually worked may be greater at times than the nominal full-time hours per week, and there may be long periods of slack work in which the hours actually worked are less than the nominal full-time hours reported.

The nominal full-time hours per week, and the relative numbers based thereon, do not in any way indicate the extent of unemployment. Employees may be laid off or a temporary reduction may be made in working hours without such change affecting the nominal full-time hours of labor here shown.

The rates of wages appearing in this report and from which the relative rate of wages per hour are computed are the rates of wages per hour of time workers or the earnings per hour of pieceworkers. Daily and weekly time rates have been reduced to equivalent rates per hour. The earnings per hour of pieceworkers and of employees working at both time and piece rates are computed by dividing the earnings in the representative pay period by the hours worked.

A change in the earnings per hour of pieceworkers does not of necessity indicate a change in the piece rates. Without a change in piece rates a change in methods or speeding up may increase the hourly earnings or a slowing down may reduce them. Varying intervals of waiting for work may also affect earnings.

Care should be taken in the use of earnings per hour in developing earnings per week. A reduction in the hours of a pieceworker may

reduce his earnings in a week and leave his earnings per hour unchanged. On the other hand, a reduction of hours for a week worker will produce an increase in his rate per hour if his weekly rate remains the same.

The relative nominal full-time hours per week and the relative rates of wages per hour for the years 1907 to 1912, shown on pages 8 to 11, are computed from the averages shown in Table I, page 25 et seq. The method of computing the relatives can best be explained by using an illustration:

Thus, for cabinetmakers the average nominal full-time hours per week in 16 establishments was 54.7 in 1907 and 54.6 in the same 16 establishments in 1908. The average for 1908 (54.6) was 99.82 per cent of the average (54.7) in 1907. Bulletin No. 77 (July, 1908) shows that, for nominal full-time hours per week for cabinetmakers, the relative was 92 in 1907 (average for 1890-1899 equal to 100). The average nominal full-time hours for 1908 were then reduced to a comparison with the base period (average 1890-1899 equal to 100) by computing 99.82 per cent of 92, which is 91.8. The same method was followed in computing the relative rates of wages per hour: The average for 1908 (\$0.3207) was 95.87 per cent of the average in 1907 (\$0.3345); the relative (average for 1890-1899 equal to 100) for 1907, as shown in Bulletin No. 77, was 128.2, and 95.87 per cent of 128.2 is 122.9, or the relative rate of wages per hour in 1908 when the average for 1890-1899 is the base or 100. In computing for this occupation the relatives for 1911 and for 1912, comparison was made of 34 identical establishments.

As stated above, the data are presented for each year from a limited number of representative establishments. The number varies from year to year, as some establishments go out of business or drop out for other reasons and others are added. The average hours and wages in any given year for a group of establishments will not be precisely the same as for another group of establishments in the same year, even though nearly all of the establishments may be common to both groups. Thus, in the occupation of pipe fitters on page 13 it is seen that for 48 establishments the average hours per week in 1911 were 54.9. In collecting data for 1912, information was secured from additional establishments for both 1911 and 1912, making it possible to compare 1911 and 1912 data from 50 establishments. It will be observed, however, that the average hours per week in 1911 in the 50 establishments were 55.7 as against 54.9 at the same date in the 48 establishments. The average hours in the 50 establishments in 1912 were 55.2, making a decrease of 0.5 hour for the occupations between 1911 and 1912.

In the use of representative data, as distinguished from complete or exhaustive data, peculiar results are found occasionally; thus, based on data for 50 establishments referred to above, there was a reduction in hours per week between 1911 and 1912, yet the hours in 1912 in these 50 establishments (55.2) were greater than the hours (54.9) in 48 establishments in 1911. Such paradoxical figures are not frequent, however, but the possibility of their occurrence must be recognized if data are available from only a limited and varying number of establishments.

DESCRIPTION OF THE PRINCIPAL PRODUCTIVE OCCUPATIONS.

The building and repairing of steam railroad cars includes the construction and repair of passenger and freight cars, both wood and steel.

Information has been secured from establishments engaged in the construction of new cars, and the occasional rebuilding or repairing of old ones; also data were secured from the car departments of railroad repair shops, some of which do no construction work.

There are five classes of cars, viz, wood passenger cars, steel passenger cars, wood freight cars, steel freight cars, and composite cars, i. e., cars built partly of steel and partly of wood.

In car-building shops the work of an employee, to a great extent, is limited to some one of the above-named classes.

Companies building both passenger cars and freight cars, as far as practicable, keep the two departments separate, with the exception that some classes of work are done for both passenger and freight departments in the same shops. This generally applies to the blacksmith shops, paint shops, pipe shops, tin shops, and planing mills turning out work for both departments. In this report, however, no effort has been made to show separately the employees who work on the different kinds of cars.

In car-repairing shops the classifications in work are not so definitely drawn, as employees are required to work interchangeably, to a greater or less extent, on both steel and wood passenger cars and on both steel and wood freight cars. The construction and equipment of passenger cars require a higher degree of skill and workmanship than is required on freight cars, which are built for rough service.

When an order for cars is received, a sample car is built according to specifications and design, and whatever alterations are necessary are then brought out. The next procedure is to manufacture in quantity the many parts which enter into the construction that are not standardized and in stock.

The metal materials are distributed to the shear and punch shop, blacksmith shop, the bolt and nut shop, etc., where the plates are cut, sheared, punched, and fitted together by temporary bolting.

The parts are then permanently fastened with steel rivets and prepared for assembling. These and other manufactured materials are then taken directly to the erecting shop, there to be built into cars by the carpenters and car builders.

While the carpenters and car builders are engaged in erecting the car platform and body another force, the cabinetmakers, in the wood cabinet shop are engaged in making the wooden parts of the seats, doors, sashes, and frames, and the fine interior woodwork, paneling and cabinet work. Part of their work goes direct to the cars and part to the upholstering shop. In the cabinet shop the work is usually specialized and the men graded according to their skill and workmanship. Paneling, joining, inlaying, and veneering require a high degree of skill and accuracy. In some shops a separate department of the cabinet shop is devoted to making furniture, tables, chairs, etc. This is particularly the case in repair shops, where, in addition to repairing the cabinet work in cars, the men make desks and other office equipment for the use of the company. The erecting of the car is usually done in long sheds. The platforms are first erected, placed on temporary trucks, and then pushed along the track to be framed, sided, etc., and riveted. By the time the car, if it is a freight car, reaches the end of the track it is completed and ready to be placed on its permanent trucks for painting and lettering; if it is a steel passenger car, after being erected it is sent to the sand-blast house, and sand-blasted to give the car a smooth surface, and it is then sent to the finishing and painting track, where the painting and varnishing are done and the inside finish, either of wood or steel, and the windows, racks, seats, doors, etc., are placed in position. The division of the work is so planned that a group of special workmen appears at the proper time, performs the required work, and then moves on to the car next in order, under a system that insures speed without interference.

Car repairing covers a field too large to describe, as under it may be included anything from replacing a broken grab iron to the rebuilding of a car from the trucks up. Minor repairs are usually made in the yard while the car is on the track. Repair work calling for the partial rebuilding of a car is usually done in the shops by carpenters more highly skilled than the repairers who do the minor repairs in the yards. Car parts are made in the mill, blacksmith shop, etc., brought to the car by laborers, and fitted into the car to be repaired by the carpenter who is to do the work.

CABINETMAKERS.

Cabinetmakers do all the high-class woodwork on the interior of cars requiring a high degree of skill and accuracy, such as paneling, molding, making doors, inlaying, and joining; and in some shops they also make furniture. The greater part of the work of cabinetmakers

in some repair shops is to make chairs, desks, etc., for use in the cars and offices of the company.

In a number of the larger establishments in which both wood and steel cars are made or repaired cabinetmakers now use steel-molding machines, i. e., machines where long, thin pieces of steel are drawn through dies, as well as machines for sawing, shearing, punching, and spot-welding thin steel, and in some cases special machines for setting very small rivets. These employees cut and fit the steel parts used throughout the inside finishing of steel cars—the doors, partitions, panels, etc.—and are carried on the pay rolls as steel cabinetmakers. In some establishments, particularly on repair work, cabinetmakers work interchangeably on both wood and steel.

CARPENTERS AND CAR BUILDERS, WOOD.

The men in this occupation assemble and build cars from the parts made in the various departments of a plant and sent to the erecting sheds.

A difference should be noted between a car builder, wood, in a construction plant and a car builder or carpenter in a repair shop; the former is an assembler of parts, while the latter is a carpenter within the general acceptance of the term, doing both construction work and high-grade repair work.

On construction work the better designation is car builder. On repair work both terms are used to designate the same kind of work; but the designation carpenter is perhaps the better term, as the work is largely that of a carpenter. In some construction plants car builders are listed on the pay rolls according to the part of car on which they work, as siding, frames, doors, lining, etc.

CAR REPAIRERS.

Car repairers replace and repair damaged and worn-out parts of cars. This occupation, especially on freight cars, does not require a very high degree of skill, as the work is usually confined to making minor repairs.

In some localities employees who do carpenter repair work on freight cars are designated as car repairers, while in other sections of the country they are designated as carpenters. In this report all such employees have been classed as car repairers, except those doing the more skilled carpenter work; these have been included with carpenters and car builders.

In repairing passenger coaches, express cars, and mail cars, which is usually done under cover, a survey is first made of the car reported, and it is then sent to the shops for repairs. The repair items are carefully scheduled and shop orders issued for all parts that must be manufactured or drawn from stock or stores.

Often the repairs do not necessitate the stripping of the cars. On the other hand, if the work requires a thorough overhauling, the seats, baggage racks, lamps, windows and inside blinds, and all movable fixtures are taken out. The seats and cabinet work are repaired in the cabinet shop, and seat and back cushions are repaired in the upholstering shop. The brass work is removed and sent to the brass shop to be cleaned, the nickel parts are re-nickeled, and the lamp fixtures repaired. All these parts are restored to their places in the cars by the car repairers.

The increase in steel equipment, on which repairs can not be made by car repairers (wood), has resulted in the employment of workmen designated as "steel car gang" or "steel car repairers." These employees remove steel parts when necessary and replace them, straighten plates, and otherwise put cars in good shape. Car repairers, wood, and car repairers, steel, have not been segregated in this report.

FITTERS, STEEL CAR CONSTRUCTION.

Fitters, working from blue prints and specifications, place steel plates, beams, arch bars, etc., in position for the riveters, who permanently fasten them in place.

LABORERS.

These are the unskilled employees of the industry who load, unload, and haul material, do trucking, etc., and who perform all manual labor that requires little or no training.

MACHINE WOODWORKERS.

Machine woodworkers are engaged in the wood shops, and they work at lathes, or at mortising, tenoning, planing, or other wood-working machinery. The duties of this occupation require accuracy and a certain amount of skill and training. These employees are sometimes designated on pay rolls as machine hands or machine carpenters.

MACHINISTS.

Machinists are employees engaged on operations in the metal-working shops. This employment requires skill, accuracy, and training, sometimes of a very high degree. They work at lathes, planers, grinders, etc., and have an understanding of blue prints and drawings.

PAINTERS.

The work of this occupation includes not only the painting of the interior and exterior of the cars, the trucks, etc., but includes finishing, decorating, lettering, etc.

The painting of freight cars, trucks, etc., and all rough painting is usually done by painters of comparatively little skill. High-grade painters are employed to do all the finishing and decorating.

The most highly skilled workmen are those who do the varnishing, ornamental work, and graining, and apply gold leaf.

PIPE FITTERS.

Pipe fitters do the cutting, threading, bending, and putting together of the metal pipes and tubing, and fit together the necessary parts for transmission of air, gas, steam, and water throughout the car.

The water and steam line fitters are usually the more highly skilled men.

RIVETERS AND BUCKERS.

Employees in this occupation fasten metal plates, beams, sills, etc., together permanently with red-hot rivets, by means of hand or pneumatic hammers.

TINNERS.

These men work in tin and sheet metal, including sheet brass. They make up and put in place the car roofs and lamp ventilators, metal water coolers, wash basins, and drains, and make up and apply the sheet-metal parts in refrigerator cars.

TRUCK BUILDERS.

Truck builders assemble the various parts of trucks, such as journal boxes, bearing metals, bolsters, sills, arch bars, and brake beams, which have been made in other departments of a plant, place wheels and axles in position, and line up trucks generally.

Truck repairers are included in this occupation.

UPHOLSTERERS.

These men make and repair leather, plush, and cane seats, backs, cushions, mattresses, pillows, and the like. Their work is almost entirely confined to passenger cars.

EXPLANATION OF TABLES.

This report includes six general tables covering the six-year period 1907 to 1912. Three of these tables present data as to rates of wages per hour, and three present data as to nominal full-time hours 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. 25 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 of the industry, wage data are shown for each of the six years, 1907 to 1912, so far as data are available.

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 full-time 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.

The data for years grouped together by brackets in the table are from identical establishments. As previously explained, exact comparison can be made from year to year only when the establishments compared are identical.

Table II.—Classified rates of wages per hour in each year, by States, 1907 to 1912 (pp. 29 to 42).—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. In addition to classified rates of wages, average rates of wages per hour and average nominal full-time hours per week are shown.

Table III.—Classified rates of wages per hour in each State, by years, 1907 to 1912 (pp. 43 to 57).—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 these years as data are available. In addition to classified rates of wages, average rates of wages per hour and average nominal full-time hours per week are shown.

Of the two groups of data shown for a year in this table, only the second group appears in Table II.

Table IV.—Classified nominal full-time hours of work per week in the United States, by years, 1907 to 1912 (pp. 58 to 61).—This table summarizes the data concerning nominal full-time hours of work per week secured from the whole number of establishments furnishing information. For each of the principal occupations of the industry data are shown 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 to other causes temporary in nature and not including overtime in a period of rush work.

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 data from 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. 62 to 75).—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 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 these 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. 76 to 89).—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 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.

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

[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.												
					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.		
Cabinetmakers, male:	16 establishments.	1907	686	54.7	\$0.3345				1	2	37	159	424	62	1		
		1908	520	54.6	.3207					1	23	163	325	8			
		1909	573	54.6	.3149					1	31	191	330	20			
		1910	658	54.5	.3423						12	164	413	65	3	1	
	34 establishments.	1910	1,169	54.9	.3227			1		1	3	91	355	630	80	6	2
		1911	1,155	56.0	.3254						2	49	374	612	111	7	
	34 establishments.	1911	1,161	55.0	.3247						2	47	385	608	112	7	
		1912	1,183	54.9	.3354			1	3	2	11	319	695	147	5		
	Carpenters and car builders, wood, male:	20 establishments.	1907	4,139	55.6	.3027	1	7	12	17	94	901	1,245	1,292	494	76	
			1908	2,594	55.5	.2942		1		6	24	584	747	1,120	103	9	
			1909	3,323	55.8	.2820	4	10	16	22	51	928	1,035	1,134	115	8	
			1910	3,649	55.6	.3182	2	5	11	7	28	696	914	1,302	580	102	2
55 establishments.		1910	8,156	56.3	.2955	2	14	113	396	122	1,918	1,824	2,742	889	129	7	
		1911	7,801	56.0	.2945	4	12	57	130	134	1,916	2,010	2,849	624	53	12	
63 establishments.		1911	7,979	56.1	.2917	3	12	48	119	124	1,975	2,279	2,812	548	49	10	
		1912	7,543	56.4	.2851	4	16	72	413	181	892	2,117	2,358	539	41	3	
Car repairers, male:		16 establishments.	1907	2,332	56.7	.2467		1	40	74	260	1,023	469	429	32	4	
			1908	1,703	56.5	.2442			48	34	215	798	293	299	15	1	
			1909	2,111	55.6	.2411		1	48	55	133	1,052	564	225	32	1	
			1910	2,399	55.7	.2575		2	25	33	132	1,105	519	550	32	1	
	48 establishments.	1910	6,877	55.9	.2436	6	79	379	1,038	3,013	1,044	1,129	171	16	2		
		1911	6,592	55.5	.2510		7	43	258	888	2,871	1,113	1,181	213	17	1	
	58 establishments.	1911	7,539	55.9	.2578		2	29	155	950	3,260	1,245	1,561	313	21	3	
		1912	9,334	56.4	.2589		9	17	173	1,038	3,545	2,395	1,792	336	27	2	
	Fitters, male:	9 establishments.	1910	1,739	57.4	.2441	25	46	161	314	198	316	283	257	136	3	
			1911	1,478	55.3	.2730	1	10	103	177	118	253	230	428	153	5	
		11 establishments.	1911	1,761	56.0	.2606	1	14	131	335	145	281	245	445	156	5	3
	Laborers, male:	20 establishments.	1912	1,700	56.6	.2501	2	100	81	282	166	334	280	306	147	2	
1907			4,671	56.0	.1813	36	208	990	2,267	174	586	307	74	27	2		
1908			1,907	56.0	.1873	20	128	441	640	104	277	224	71	2			
1909			2,963	55.8	.1823	16	161	864	1,010	115	419	281	96	5			
60 establishments.		1910	3,823	55.2	.1986	8	60	410	1,411	838	430	353	291	21	1		
		1910	10,114	56.1	.1751	124	627	3,848	2,713	1,144	812	469	352	24	1		
68 establishments.		1911	7,695	56.0	.1760	88	515	2,790	2,141	731	707	503	207	13			
		1911	8,001	56.2	.1731	88	767	3,065	1,979	751	661	483	198	9			
Machine woodwork-ers, male:		20 establishments.	1912	8,208	56.3	.1786	100	699	2,386	2,810	637	706	485	353	32		
			1907	584	55.6	.2829			3	8	17	123	196	226	11		
			1908	473	54.9	.2879			2	6	10	82	154	216	3		
			1909	488	55.4	.2859				10	10	104	140	214	9	1	
	53 establishments.	1910	602	55.0	.2899				4	12	143	176	248	19			
		1910	1,512	55.9	.2667			15	90	93	410	422	449	33			
	68 establishments.	1911	1,331	56.0	.2731			6	102	62	294	398	440	28	1		
		1911	1,443	56.2	.2703			6	115	71	324	456	442	28	1		
	Machinists, male:	12 establishments.	1912	1,265	56.1	.2790			7	52	55	276	403	446	27	1	1
			1907	308	56.0	.3008						51	117	121	19		
			1908	259	54.2	.3150						27	90	105	37		
			1909	304	54.3	.3065						35	106	139	24		
38 establishments.		1910	342	54.3	.3249						20	115	154	51	2		
		1910	860	55.3	.3072					1	66	375	352	63	3		
38 establishments.		1911	889	54.4	.3158					3	58	381	368	72	7		

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.													
					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.			
Machinists, male— Concluded.																		
34 establishments.	{1911 1912	{588 555	{56.7 56.6	{\$.3145 .3142					14	1	85	174	260	64	4			
Painters, male:																		
19 establishments.	{1907 1908 1909 1910	{1,146 874 1,098 1,348	{55.2 54.8 56.0 54.8	{.3066 .2912 .2967 .3174	1	3	4	11	59	257	250	377	145	37	2			
60 establishments.	{1910 1911	{2,664 2,911	{55.5 55.4	{.2959 .3037	2	4	40	107	128	544	632	833	352	20	4			
69 establishments.	{1911 1912	{3,102 2,846	{55.7 55.5	{.3029 .3092	2	3	18	55	162	659	696	1,045	431	31				
Pipe fitters, male:																		
18 establishments.	{1907 1908 1909 1910	{266 222 258 303	{55.0 54.7 54.9 54.8	{.3039 .3024 .2942 .3283				2	2	31	119	82	30					
48 establishments.	{1910 1911	{593 651	{55.2 54.9	{.3052 .3177			2	3	13	82	218	190	82	3				
50 establishments.	{1911 1912	{678 515	{55.7 55.2	{.3210 .3244		1	2	7	39	192	273	120	2					
Riveters and buckers, male:																		
14 establishments.	{1910 1911	{1,524 802	{56.0 55.3	{.3127 .2812		16	32	158	89	250	248	431	168	88	44			
16 establishments.	{1911 1912	{1,160 1,220	{56.7 56.8	{.2734 .3056	3	2	25	101	91	322	230	287	81	14	4			
Tinners, male:																		
15 establishments.	{1907 1908 1909 1910	{228 178 280 456	{54.5 54.4 54.5 54.2	{.3422 .3350 .3228 .3724			1	1		10	56	99	62					
48 establishments.	{1910 1911	{745 745	{54.8 54.9	{.3424 .3439				1	4	53	177	308	201	4				
54 establishments.	{1911 1912	{785 632	{55.2 54.7	{.3424 .3403		2	1	29	2	45	168	378	186	1	1			
Truck builders, male:																		
14 establishments.	{1907 1908 1909 1910	{421 276 327 393	{55.5 55.2 55.3 55.2	{.2477 .2493 .2442 .2568		2	4	19	57	170	86	74	7	2				
44 establishments.	{1910 1911	{1,011 907	{56.1 55.0	{.2449 .2538		2	61	70	105	369	213	178	12	1				
44 establishments.	{1911 1912	{943 891	{55.4 55.7	{.2534 .2645			31	62	35	381	243	177	14					
Upholsterers, male:																		
18 establishments.	{1907 1908 1909 1910	{231 179 196 269	{54.6 54.4 54.6 54.5	{.3276 .3170 .3169 .3433					1	17	63	136	9	2	3			
42 establishments.	{1910 1911	{477 500	{55.1 54.9	{.3232 .3449				1	3	53	118	249	52	1				
46 establishments.	{1911 1912	{506 473	{54.9 54.9	{.3440 .3514						11	131	227	136	1	1			

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

PER CENT.

Occupation, sex, and number of establishments.	Year.	Number of employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.													
					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.			
Cabinetmakers, male:	16 establishments.	1907	686	54.7	\$0.3345				0.1	0.3	5.4	23.2	61.8	9.0	0.1			
		1908	520	54.6	.3207					.2	4.4	31.3	62.5	1.5				
		1909	573	54.6	.3149					.2	5.4	33.3	57.6	3.5				
	34 establishments.	1910	658	54.6	.3423						1.8	24.9	62.8	9.9	.5	0.2		
		1911	1,169	54.9	.3227			0.1	.1	.3	7.8	30.4	53.9	6.8	.5	.2		
		1912	1,155	56.0	.3254					.2	4.2	32.4	53.0	9.6	.6	.6		
	34 establishments.	1911	1,161	55.0	.3247					.2	4.0	33.2	52.4	9.6	.6			
		1912	1,183	54.9	.3354			.1	.3	.2	.9	27.0	58.7	12.4	.4			
		Carpenters and car builders, wood, male:	20 establishments.	1907	4,139	55.6	.3027	(1)	0.2	.3	.4	2.3	21.8	30.1	31.2	11.9	1.8	
	1908			2,594	55.5	.29-2	(1)				.2	.9	22.5	28.8	43.2	4.0	.3	
	1909			3,323	55.8	.2820	0.1	.3	.5	.7	1.5	27.9	31.1	34.1	3.5	.2		
	55 establishments.		1910	3,649	55.6	.3182	.1	.1	.3	.2	.8	19.1	25.0	35.7	15.9	2.8	.1	
1911			8,156	56.3	.2955	(1)	.2	1.4	4.9	1.5	23.5	22.4	33.6	10.9	1.6	.1		
1912			7,801	56.0	.29-5	.1	.2	.7	1.7	1.7	24.6	25.8	36.5	8.0	.7	.2		
63 establishments.	1911		7,979	56.1	.2917	(1)	.2	.6	1.5	1.6	24.8	28.6	35.2	6.9	.6	.1		
	1912		7,543	56.4	.2851	.1	.2	1.0	5.5	1.2	25.1	28.1	31.3	7.1	.5	(1)		
	Car repairers, male:		16 establishments.	1907	2,332	56.7	.2467		(1)	1.7	3.2	11.1	43.9	20.1	13.4	1.4	.2	
1908				1,703	56.5	.2442			2.8	2.0	12.6	46.9	17.2	17.6	.9	.1		
1909				2,111	55.6	.2411		(1)	2.3	2.6	6.3	49.8	26.7	10.7	1.5	(1)		
48 establishments.			1910	2,399	55.7	.2575		.1	1.0	1.4	5.5	46.1	21.6	22.9	1.3	(1)		
		1911	6,877	55.9	.2436		.1	1.1	5.5	15.1	43.8	15.2	16.4	2.5	.2	(1)		
		1912	6,592	55.5	.2510		.1	.7	3.9	13.5	43.6	16.9	17.9	3.2	.3	(1)		
58 establishments.		1911	7,539	55.9	.2578		(1)	.4	2.1	12.6	43.2	16.5	20.7	4.2	.3	(1)		
		1912	9,334	56.4	.2589		.1	.2	1.9	11.1	38.0	23.7	19.2	3.6	.3	(1)		
		Fitters, male:	9 establishments.	1910	1,739	57.4	.2441	1.4	2.6	9.3	18.1	11.4	18.2	16.3	14.8	7.8	.2	
1911				1,478	55.3	.2730	.1	.7	7.0	12.0	8.0	17.1	15.6	29.0	10.4	.3		
1912				1,761	56.0	.2606	.1	.8	7.4	19.0	8.2	16.0	13.9	25.3	8.9	.3	.2	
11 establishments.			1911	1,700	56.6	.2501	.1	5.9	4.8	16.6	9.8	19.6	16.8	18.0	8.6	.1		
	Laborers, male:		20 establishments.	1907	4,671	56.0	.1813	.8	4.5	21.2	48.5	3.7	12.5	6.6	1.6	.6	(1)	
				1908	1,907	56.0	.1873	1.0	6.7	23.1	33.6	5.5	14.5	11.7	3.7	.1		
1909				2,963	55.8	.1823	.5	5.4	29.2	34.1	3.9	14.1	9.5	3.1	.2			
60 establishments.			1910	3,823	55.2	.1986	.2	1.6	10.7	36.9	21.9	11.2	9.2	7.6	.5	(1)		
			1911	10,114	56.1	.1751	1.2	6.2	38.0	26.8	11.3	8.0	4.6	3.5	.2	(1)		
			1912	7,695	56.0	.1760	1.1	6.7	36.3	27.8	9.5	9.2	6.5	2.7	.2	(1)		
68 establishments.			1911	8,001	56.2	.1731	1.1	9.6	33.3	24.7	9.4	8.3	6.0	2.5	.1			
			1912	8,208	56.3	.1786	1.2	8.5	29.1	34.2	7.8	8.6	5.9	4.3	.4			
		Machine woodworkers, male:	20 establishments.	1907	584	55.6	.2829			.5	1.4	2.9	21.1	33.6	38.7	1.9		
1908				473	54.9	.2879			.4	1.3	2.1	17.3	32.6	45.7	.6			
1909				488	55.4	.2859					2.0	21.3	28.7	43.9	1.8	.2		
58 establishments.			1910	602	55.0	.2899				.7	2.0	23.8	29.2	41.2	3.2			
	1911		1,512	55.9	.2667			1.0	6.0	6.2	27.1	27.9	29.7	2.2				
	1912		1,331	56.0	.2731			.5	7.7	4.7	22.1	29.9	33.1	2.1	.1			
68 establishments.	1911		1,443	56.2	.2703			.4	8.0	4.9	22.5	31.6	30.6	1.9	.1			
	1912		1,268	56.1	.2790			.6	4.1	4.3	21.8	31.8	35.2	2.1	.1	.1		
	Machinists, male:		12 establishments.	1907	308	56.0	.3008						16.6	38.0	39.3	6.2		
1908				259	54.2	.3150						10.4	34.7	40.5	14.3			
1909				304	54.3	.3065						11.5	34.9	45.7	7.9			
12 establishments.			1910	342	54.3	.3249						6.8	33.6	45.0	14.9	.6		

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 employees.	Average annual full-time hours per week.	Average rate of wages per hour.	Employees earning each classified rate of wages per hour.												
					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.		
Machinists, male—																	
Concluded.																	
38 establishments.	(1910	860	55.3	\$.3072						0.1	7.7	43.6	40.9	7.3	0.3		
	1911	889	54.4	.3158						.3	6.5	42.9	41.4	8.1	.8		
34 establishments.	(1911	588	56.7	.3145						.2	14.5	29.6	44.2	10.9	.7		
	1912	555	56.6	.3142					2.5	1.4	14.8	28.8	38.4	13.9	.2		
Painters, male:																	
19 establishments.	(1907	1,146	55.2	.3066	0.1	0.3	0.3	1.0	5.1	22.4	21.8	32.9	12.7	3.2	0.2		
	1908	874	54.8	.2912					3.7	21.4	22.9	45.0	7.1				
	1909	1,098	56.0	.2967	.1	.1		.6	7.3	19.7	22.2	43.7	6.2	1.0			
	1910	1,348	54.8	.3174			.1	.1	3.5	17.7	20.5	39.9	16.9	1.0	.3		
60 establishments.	(1910	2,664	55.5	.2959		.2	1.5	4.0	4.8	20.4	23.7	31.3	13.2	.8	.2		
	1911	2,911	55.4	.3037	.1	.1	.5	1.9	5.5	20.3	22.3	33.9	14.5	1.0			
69 establishments.	(1911	3,102	55.7	.3029	.1	.1	.6	1.8	5.2	21.2	22.4	33.7	13.9	1.0			
	1912	2,846	55.5	.3092		(1)	.6	2.2	2.7	20.9	22.9	34.3	14.2	2.2			
Pipe fitters, male:																	
18 establishments.	(1907	266	55.0	.3039					.8	.8	11.7	44.7	30.8	11.3			
	1908	222	54.7	.3024					.9	.5	11.7	38.7	45.9	2.3			
	1909	258	54.9	.2942					.8	.4	12.8	44.6	38.4	3.1			
	1910	303	54.8	.3283					.3	1.3	7.3	37.0	28.4	25.1	.7		
48 establishments.	(1910	593	55.2	.3052			.3	.5	2.2	13.8	36.8	32.0	13.8	.5			
	1911	651	54.9	.3177				.9	.3	14.1	30.6	35.6	18.1	.3			
50 establishments.	(1911	678	55.7	.3210		.1	.3	.3	1.0	11.7	28.3	40.3	17.7	.3			
	1912	515	55.2	.3244		.2	.2	2.9	1.9	7.2	25.0	43.9	18.1	.6	.2		
Riveters and buckers, male:																	
14 establishments.	(1910	1,524	56.0	.3127		1.0	2.1	10.4	5.8	16.4	16.3	28.3	11.0	5.8	2.9		
	1911	802	55.3	.2812	.4		1.7	8.0	6.4	10.5	16.7	24.4	9.7	1.6	.5		
16 establishments.	(1911	1,160	56.7	.2734	.3	.2	2.2	8.7	7.8	27.8	19.8	24.7	7.0	1.2	.3		
	1912	1,220	56.8	.3056	.2	.5	1.7	4.8	4.7	22.4	17.9	29.4	16.8	1.6			
Tinners, male:																	
15 establishments.	(1907	228	54.5	.3422					.4	4.4	24.6	43.4	27.2				
	1908	178	54.4	.3350			.6	.6		4.5	24.2	57.3	12.9				
	1909	280	54.5	.3228				.4	.4	7.9	22.1	65.4	3.9				
	1910	456	54.2	.3724					.4	2.0	11.6	44.5	40.6	.9			
48 establishments.	(1910	745	54.8	.3424					.3	7.1	23.8	41.3	27.0	.5			
	1911	745	54.9	.3439				.1	.5	6.2	20.1	47.9	24.8	.1	.1		
54 establishments.	(1911	785	55.2	.3424				.1	.6	5.7	21.4	48.2	23.7	.1	.1		
	1912	632	54.7	.3403		.3	.2	4.6	.3	3.5	19.1	46.7	24.5	.5	.3		
Truck builders, male:																	
14 establishments.	(1907	421	55.5	.2477		.5	1.0	4.5	13.5	40.4	20.4	17.6	1.7	.5			
	1908	276	55.2	.2493				4.3	2.5	51.1	24.6	16.3	.4	.4	.4		
	1909	327	55.3	.2442			1.2	6.7	1.5	51.1	22.3	16.5		.3	.3		
	1910	393	55.2	.2568				2.8	1.3	48.3	26.2	20.4	1.0				
44 establishments.	(1910	1,011	56.1	.2449		.2	6.0	6.9	10.4	36.5	21.1	17.6	1.2	.1			
	1911	907	55.0	.2538			3.1	6.8	4.0	38.7	26.4	19.6	1.4				
44 establishments.	(1911	943	55.4	.2534			3.3	6.6	3.7	40.4	25.8	18.8	1.5				
	1912	891	55.7	.2645			1.0	4.5	5.7	39.5	22.1	23.5	3.7				
Upholsterers, male:																	
18 establishments.	(1907	231	54.6	.3276					.4	7.4	27.3	58.9	3.9	.9	1.3		
	1908	179	54.4	.3170						6.7	29.1	63.1	1.1				
	1909	196	54.6	.3169					.5	4.6	30.6	64.3					
	1910	269	54.5	.3433					.4	4.1	20.8	60.2	14.5				
42 establishments.	(1910	477	55.1	.3232				.2	.6	11.1	24.7	52.2	10.9	.2			
	1911	500	54.9	.3449						2.4	25.8	44.4	27.2		.2		
46 establishments.	(1911	506	54.9	.3440						2.2	25.9	44.9	26.9		.2		
	1912	473	54.9	.3514						1.5	22.2	45.2	30.9		.2		

1 Less than one-tenth of 1 per cent.

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

CABINETMAKERS: 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.										
					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.															
California.....	2	42	54.0	\$0.3596									42		
Illinois.....	4	348	53.9	.3490						9	41	269	29		
Indiana.....	5	48	55.7	.3178						4	21	20	2	1	
Massachusetts.....	2	63	53.2	.2758						4	50	9			
Minnesota.....	2	21	57.0	.2770							21				
Missouri.....	4	51	58.5	.3004						2	12	37			
New York.....	3	27	54.0	.3779						3	5	7	9	1	
Ohio.....	3	210	55.1	.3027			1	1	3	38	50	103	10	2	
Pennsylvania.....	2	112	55.0	.3639						14	76	22			
Other States.....	7	247	56.0	.2933						31	141	67	8		
Total.....	34	1,169	54.9	.3227			1	1	3	91	355	630	80	6 2	
1911.															
California.....	2	35	54.0	.3657								30	5		
Illinois.....	4	321	53.9	.3372				1	5	55	237	23			
Indiana.....	5	51	55.4	.3382					2	13	25	9	1		
Massachusetts.....	2	79	53.2	.2879					1	60	18				
Minnesota.....	2	26	57.3	.2911						19	7				
Missouri.....	4	48	58.7	.2949						4	17	26	1		
Ohio.....	3	205	55.1	.3038					33	60	103	7	2		
Pennsylvania.....	2	130	55.1	.3778					1	10	70	49			
Other States.....	10	266	55.9	.3114					1	151	92	18	4		
Total.....	34	1,161	55.0	.3247					2	47	385	608	112	7	
1912.															
California.....	2	38	54.0	.3737								29	9		
Illinois.....	4	443	54.0	.3438					2	47	355	39			
Indiana.....	5	35	55.3	.3218						15	19	1			
Massachusetts.....	2	74	53.3	.2934						52	22				
Minnesota.....	2	19	56.9	.2905						15	4				
Missouri.....	4	55	58.5	.2819			1	3	2	4	14	31			
Ohio.....	3	122	55.1	.3313					5	37	62	17	1		
Pennsylvania.....	2	129	55.2	.3882						10	64	55			
Other States.....	10	268	55.9	.3200						129	109	26	4		
Total.....	34	1,183	54.9	.3354			1	3	2	11	319	695	147	5	

CARPENTERS AND CAR BUILDERS, WOOD: MALE.

1907.														
California.....	2	486	54.0	\$0.3004							160	324	2	
Illinois.....	2	1,244	53.9	.3573			2	7	20	141	175	439	398	62
Minnesota.....	2	342	57.9	.2393					1	209	132			
Missouri.....	2	120	57.6	.2615						43	71	6		
New York.....	3	520	56.5	.2936	1	4	5	4	54	148	94	123	75	12
Texas.....	2	270	60.0	.2927						5	166	99		
Other States.....	7	1,157	55.7	.2742		3	5	6	19	355	447	301	19	2
Total.....	20	4,139	55.6	.3027	1	7	12	17	94	901	1,245	1,292	494	76
1908.														
California.....	2	350	54.0	.3197							52	298		
Illinois.....	2	583	53.9	.3297					3	60	95	343	75	7
Minnesota.....	2	307	58.5	.2296						1	235	71		
Missouri.....	2	48	62.0	.2663						3	42	3		

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

CARPENTERS AND CAR BUILDERS, WOOD: MALE—Continued.

Year and State.	Number of establishments.	Number of employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employes earning each classified rate of wages per hour.										
					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—Concluded.															
New York.....	3	259	54.8	\$0.2838		1			3	12	84	67	76	14	2
Texas.....	2	192	60.0	.3047							5	81	106		
Other States.....	7	855	54.9	.2851				3	8	197	339	294	14		
Total.....	20	2,594	55.5	.2942		1		6	24	584	747	1,120	103	9	
1909.															
California.....	2	393	54.0	.3166								67	325	1	
Illinois.....	2	617	53.8	.3250			2	2	2	61	162	304	80	4	
Minnesota.....	2	404	58.4	.2310						290	114				
Missouri.....	2	148	57.6	.2807						25	82	40	1		
New York.....	3	505	57.5	.2633	4	9	14	19	35	167	109	124	21	3	
Texas.....	2	233	56.3	.3060						3	90	140			
Other States.....	7	1,023	55.6	.2668		1		1	14	382	411	201	12	1	
Total.....	20	3,323	55.8	.2820	4	10	16	22	51	928	1,035	1,134	115	8	
1910.															
Alabama.....	4	57	54.0	.2649						14	32	11			
California.....	2	429	54.0	.3173							76	353			
Illinois.....	4	1,630	55.0	.3309		3	7	102	25	204	303	571	322	91	2
Indiana.....	5	285	54.2	.3069			1			50	77	144	11	1	
Massachusetts.....	2	227	53.2	.2744						38	133	55	1		
Minnesota.....	2	345	58.1	.2423						213	132				
Missouri.....	7	1,167	59.1	.2482		8	95	277	35	198	218	310	23	3	
New York.....	4	559	57.4	.3245	2	2	4	4	20	113	96	182	117	19	
Ohio.....	6	772	54.1	.3324		1			8	11	68	125	412	142	4
Pennsylvania.....	3	634	55.8	.3437				3		16	87	108	195	214	10
Tennessee.....	4	186	58.2	.2731							11	127	46		2
Texas.....	4	343	55.9	.3014							12	72	259		
Virginia.....	2	136	60.0	.3582							2	45	43	44	1
Wisconsin.....	2	676	59.9	.2183					2	615	59				
Other States.....	4	710	55.1	.2677				3	5	12	293	221	161	15	
Total.....	55	8,156	56.3	.2955	2	14	113	396	122	1,918	1,824	2,742	889	129	7
1911.															
Alabama.....	4	194	54.0	.2450					14	117	42	21			
California.....	2	397	54.0	.3198						1	44	336	16		
Illinois.....	4	1,453	54.9	.3198		2	8	42	23	165	312	657	222	21	1
Indiana.....	5	315	54.0	.3124					4	68	78	137	27		1
Kansas.....	2	335	52.0	.2916						99	114	101	21		
Kentucky.....	3	404	57.6	.2545					3	162	217	22			
Massachusetts.....	2	245	53.2	.2889						6	163	76			
Minnesota.....	3	389	58.1	.2553						195	193	1			
Missouri.....	7	797	58.5	.2688	2	5	19	43	24	212	255	211	24	2	
New Jersey.....	2	134	54.0	.2940				2		23	46	60	1		
New York.....	2	527	57.9	.3033		3	12	11	16	84	132	224	37	8	
Ohio.....	6	665	53.6	.3417					3	35	73	432	110	10	2
Pennsylvania.....	6	323	56.8	.2800		1	5	10	14	104	80	81	28		
Tennessee.....	5	357	57.4	.2755			1	9	4	31	226	73	3	4	6
Texas.....	4	341	55.5	.3130						13	53	275			
Virginia.....	3	213	57.7	.3457					2	11	62	75	59	4	
Wisconsin.....	2	726	59.9	.2287						621	105				
Other States.....	1	164	54.0	.2629		1	1	1	2	17	28	84	30		
Total.....	63	7,979	56.1	.2917	3	12	48	119	124	1,975	2,279	2,812	548	49	10

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

CARPENTERS AND CAR BUILDERS, WOOD: 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.												
					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.																	
Alabama.....	4	23	54.0	\$0.3320									4	19			
California.....	2	426	54.0	.3205									59	339	28		
Illinois.....	4	1,202	54.7	.3097		5	9	19	27	253	248	447	179	15			
Indiana.....	5	298	54.1	.3171						3	48	81	122	43			1
Kansas.....	2	318	51.5	.2902							125	82	91	20			
Kentucky.....	3	380	58.6	.2689							43	273	64				
Massachusetts.....	2	261	53.3	.2856						10	179	72					
Minnesota.....	3	327	58.1	.2539							181	146					
Missouri.....	7	1,100	58.8	.2451	2	9	47	376	14	129	198	299	20	6			
New Jersey.....	2	138	54.2	.3007			1	3	6	12	57	49	10				
New York.....	2	388	56.6	.2964	2	2	11	10	14	73	108	122	44	2			
Ohio.....	6	338	52.5	.3502						2	39	65	131	96	4		1
Pennsylvania.....	6	411	58.4	.2836					1	12	143	139	91	24	1		
Tennessee.....	5	308	57.0	.2754			2	4	6	13	217	63	3				
Texas.....	4	403	55.4	.3144							2	84	317				
Virginia.....	3	206	56.1	.3752						10	39	71	72	13	1		
Wisconsin.....	2	891	60.0	.2256							798	93					
Other States.....	1	125	54.0	.2953			2		4	13	45	61					
Total.....	63	7,543	56.4	.2851	4	16	72	413	88	1,892	2,117	2,358	539	41	3		

CAR REPAIRERS: MALE.

1907.																	
California.....	2	235	54.0	\$0.2437							59	176					
Minnesota.....	2	260	58.7	.1990				2	110	148							
New York.....	2	93	57.0	.1775			34	28	15	13	3						
Texas.....	2	176	60.0	.2255				1	30	78	67						
Other States.....	8	1,568	56.3	.2615		1	6	43	105	725	223	429	32	4			
Total.....	16	2,332	56.7	.2467		1	40	74	260	1,023	469	429	32	4			
1908.																	
California.....	2	146	54.0	.2455							29	117					
Minnesota.....	2	296	58.8	.2000				2	119	175							
New York.....	2	104	54.0	.1848			48	17	9	19	10		1				
Texas.....	2	115	60.0	.2340						73	42						
Other States.....	8	1,042	56.1	.2636				15	87	502	124	298	15	1			
Total.....	16	1,703	56.5	.2442			48	34	215	798	293	299	15	1			
1909.																	
California.....	2	201	54.0	.2455							40	161					
Minnesota.....	2	253	58.6	.2035				2	51	200							
New York.....	2	133	54.0	.1980		1	43	22	13	31	14		9				
Texas.....	2	135	56.1	.2319						89	46						
Other States.....	8	1,389	55.5	.2524			5	31	69	692	343	216	32	1			
Total.....	16	2,111	55.6	.2411		1	48	55	133	1,052	564	225	32	1			
1910.																	
Alabama.....	4	767	54.0	.2124			31	77	9	565	85						
California.....	2	199	54.0	.2460						38	160		1				
Illinois.....	4	655	53.7	.2773			1	6	40	202	169	191	46				
Indiana.....	5	557	56.4	.2489				46	58	249	73	111	20				
Minnesota.....	2	292	58.5	.2089					38	254							

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

CAR REPAIRERS: 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.											
					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—Concluded.																
Missouri.....	5	193	56.9	\$0.2143				12	72	80	19	10				
New York.....	3	174	54.0	.2059		1	26	75	14	16	24	16	2			
Ohio.....	6	738	52.7	.2747		1	6	130	106	146	242	40	5			
Tennessee.....	4	523	57.1	.2327		3	13	46	40	326	41	33	16	3	2	
Texas.....	4	346	57.1	.2207				35	55	194	61	1				
Virginia.....	2	562	60.0	.2756		1	1	3	9	249	135	132	25	7		
Wisconsin.....	2	624	58.6	.1910				10	465	147	2					
Other States.....	5	1,247	55.6	.2649			1	7	108	587	129	392	22	1		
Total.....	48	6,877	55.9	.2436		6	79	379	1,038	3,013	1,044	1,129	171	16	2	
1911.																
Alabama.....	4	681	54.0	.2234				21	63	518	79					
California.....	2	109	54.0	.2458					21	88						
Illinois.....	4	764	53.5	.2779			1	16	61	204	187	249	46			
Indiana.....	5	510	53.5	.2753			2	11	62	124	131	157	23			
Kansas.....	2	154	50.3	.2481			2	1	54	29	31	35	2			
Kentucky.....	3	409	58.8	.2227					24	379	6					
Minnesota.....	3	445	59.1	.2176						442	3					
Missouri.....	5	195	57.7	.2354				7	39	89	37	21	2			
New Jersey.....	2	59	54.0	.1942					58	1						
Ohio.....	6	672	52.3	.2848				30	103	145	125	191	65	12	1	
Pennsylvania.....	6	1,211	56.9	.3250			1	4	42	136	169	722	131	4	2	
Tennessee.....	4	467	56.5	.2099			15	32	29	385	6					
Texas.....	4	294	57.0	.2246			1	17	41	173	43	19				
Virginia.....	3	571	59.4	.2864			5	8	19	162	181	149	43	4		
Wisconsin.....	2	746	58.1	.2032				1	347	396	2					
Other States.....	3	252	53.5	.2550		2	2	7	8	57	157	1	1	1		
Total.....	58	7,539	55.9	.2578		2	29	155	950	3,260	1,245	1,561	313	21	3	
1912.																
Alabama.....	4	1,185	54.0	.2390		7	3	37		572	544	22				
California.....	2	221	54.0	.2511						23	193	5				
Illinois.....	4	574	53.5	.2841				2	45	143	151	190	43			
Indiana.....	5	567	53.8	.2578			4	7	28	298	116	89	23	2		
Kansas.....	2	165	50.4	.2466				4	64	22	36	33	1			
Kentucky.....	3	577	58.5	.2403					11	273	270	22	1			
Minnesota.....	3	609	59.4	.2158						606	3					
Missouri.....	5	303	56.9	.2396			2	36	42	127	38	48	10			
New Jersey.....	2	54	56.8	.1953					51	2		1				
Ohio.....	6	698	55.9	.3024				37	79	92	141	254	85	10		
Pennsylvania.....	6	1,600	58.7	.3071		1	4	14	175	170	297	812	125	1	1	
Tennessee.....	4	609	56.9	.2310				7	1	421	153	27				
Texas.....	4	404	57.3	.2333				19	25	209	124	27				
Virginia.....	3	565	55.3	.3135				1	5	105	162	233	44	14	1	
Wisconsin.....	2	827	60.0	.1991					502	323	2					
Other States.....	3	376	53.4	.2532		1	4	9	10	159	165	24	4			
Total.....	58	9,334	56.4	.2589		9	17	173	1,038	3,545	2,395	1,792	336	27	2	

FITTERS: MALE.

1910.																
Illinois.....	2	598	55.8	\$0.3026	2	2	10	96	23	34	140	168	122	1		
Indiana.....	2	266	55.7	.2522		2	13	21	18	72	84	53	3			
Missouri.....	2	206	59.8	.1823			7	25	79	60	30	5				
Ohio.....	2	216	53.9	.2287	6	10	19	38	24	55	21	31	10	2		
Other States.....	1	453	60.9	.1977	17	25	94	80	73	125	33	5	1			
Total.....	9	1,739	57.4	.2441	25	46	161	314	198	316	283	257	136	3		

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

FITTERS: 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.										
					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.															
Illinois.....	2	699	54.5	\$0.3242	3	4	30	30	66	117	309	136	4	
Indiana.....	2	238	55.6	.2551	3	25	5	6	64	78	57	1	.....	
Missouri.....	2	250	59.7	.1895	3	71	101	19	30	4	19	2	1	
Ohio.....	2	187	54.5	.2815	.....	.....	22	16	61	30	43	15	.....	
Pennsylvania.....	2	342	57.3	.1824	1	5	30	171	7	47	10	7	.....	
Other States.....	1	45	59.0	.2882	1	6	3	13	6	10	3	
Total.....	11	1,761	56.0	.2666	1	14	131	335	145	281	245	445	156	5	3
1912.															
Illinois.....	2	712	55.3	.2903	8	21	89	41	108	111	214	118	2	
Indiana.....	2	166	55.7	.2582	2	2	10	3	26	61	34	7	.....	
Missouri.....	2	219	59.9	.1647	89	32	35	23	35	2	3	.....	.....
Ohio.....	2	130	53.0	.2684	.....	.....	16	21	31	16	33	13	.....	
Pennsylvania.....	2	451	58.3	.2222	.....	4	127	72	129	89	22	8	.....	
Other States.....	1	22	59.0	.1995	1	3	5	6	5	1	.....	1	.....	
Total.....	11	1,700	56.6	.2501	2	100	81	282	166	334	230	306	147	2

LABORERS: MALE.

1907.														
California.....	2	230	54.0	\$0.2183	202	28
Illinois.....	2	1,477	53.9	.1729	.....	34	1,388	3	36	14	2	.....	.....
Minnesota.....	2	210	57.3	.1759	.....	1	140	53	16	.....	.....	.....	.....
Missouri.....	2	56	55.8	.1473	.....	54	2	.....	.....	.....	.....	.....	.....
New York.....	3	587	57.8	.1683	6	473	42	8	22	6	13	16	1
Texas.....	2	349	60.0	.1647	.....	2	.....	323	23	1	.....	.....	.....
Other States.....	7	1,762	56.5	.1927	36	200	428	372	87	309	259	59	11	1
Total.....	20	4,671	56.0	.1813	36	208	990	2,267	174	586	307	74	27	2
1908.														
California.....	2	160	54.0	.2278	.....	.....	.....	.....	109	50	1	.....	.....
Illinois.....	2	295	53.5	.1785	.....	19	231	8	16	11	10	.....	.....
Minnesota.....	2	145	57.5	.1664	.....	44	68	27	6	.....	.....	.....	.....
Missouri.....	2	18	62.1	.1467	.....	18	.....	.....	.....	.....	.....	.....	.....
New York.....	3	233	55.1	.1825	2	156	20	4	11	15	24	1
Texas.....	2	177	60.0	.1758	.....	2	.....	156	19	.....	.....	.....	.....
Other States.....	7	879	56.2	.1907	20	124	204	165	65	116	148	36	1
Total.....	20	1,907	56.0	.1873	20	128	441	640	104	277	224	71	2
1909.														
California.....	2	222	54.0	.2249	.....	.....	.....	.....	150	66	6	.....	.....
Illinois.....	2	492	53.5	.1752	.....	97	327	3	26	32	7	.....	.....
Minnesota.....	2	265	57.8	.1677	.....	54	161	38	15	.....	.....	.....	.....
Missouri.....	2	39	57.7	.1513	.....	34	5	.....	.....	.....	.....	.....	.....
New York.....	3	468	55.9	.1663	.....	4	316	65	17	41	19	6	.....
Texas.....	2	230	57.7	.1743	.....	3	.....	212	15	.....	.....	.....	.....
Other States.....	7	1,244	56.0	.1891	16	154	363	240	57	172	164	73	5
Total.....	20	2,963	55.8	.1823	16	161	864	1,010	115	419	281	92	5

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 employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.										
					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.....	4	389	54.0	\$0.1284	7	303	79								
California.....	2	201	54.0	.2314						118	76				
Illinois.....	4	1,448	55.2	.1799		8	282	268	806	50	22	12			
Indiana.....	8	1,054	55.6	.1610	1	19	707	202	35	68	18	3	1		
Massachusetts.....	2	163	53.1	.1961			43	68	4	15	11	22			
Minnesota.....	2	231	57.4	.1746				164	58	9					
Missouri.....	7	1,094	59.3	.1524	6	82	802	140	30	26	6	2			
New York.....	4	557	55.9	.1807			6	186	238	24	43	20	40		
Ohio.....	8	1,390	53.7	.1772		2	380	698	69	157	51	32	1		
Pennsylvania.....	3	2,032	57.1	.2042	3	12	729	488	83	222	248	234	22	1	
Tennessee.....	4	329	58.4	.1325	44	178	92	9	4				2		
Texas.....	4	292	55.3	.1696		2	63	208		19					
Virginia.....	2	341	60.0	.1539	63	6	216	13	6	17	12	8			
Wisconsin.....	2	139	58.7	.1613			36	103							
Other States.....	4	454	54.2	.1659		9	233	114	25	68	5				
Total.....	60	10,114	56.1	.1751	124	627	3,848	2,713	1,144	812	469	352	24	1	
1911.															
Alabama.....	4	356	54.0	.1340	1	269	82	4							
California.....	2	165	54.0	.2423						70	82	13			
Illinois.....	4	1,031	55.9	.1795		5	344	183	351	85	48	16			
Indiana.....	7	615	54.5	.1629		8	394	136	33	29	13	2			
Kansas.....	2	217	51.6	.1732		2	110	57	24	11	8	5			
Kentucky.....	3	268	58.6	.1478			262	6							
Massachusetts.....	2	150	53.1	.1945			28	68	13	17	14	8	2		
Minnesota.....	3	262	57.7	.1674			102	81	62	17					
Missouri.....	7	834	59.2	.1535	1	62	543	173	25	25	5				
New York.....	2	367	56.4	.1952		1	105	119	28	65	15	33	1		
Ohio.....	8	710	53.4	.1836			186	288	73	109	29	25			
Pennsylvania.....	8	1,519	56.7	.1942		245	320	336	116	157	243	96	6		
Tennessee.....	5	542	58.8	.1451	29	165	285	36	6	13	8				
Texas.....	4	340	55.1	.1703		2	62	257		19					
Virginia.....	3	316	59.5	.1505	57	7	209	7	7	15	13	1			
Wisconsin.....	2	128	58.7	.1617			32	95	1						
Other States.....	2	181	54.0	.1763		1	1	133	12	29	5				
Total.....	68	8,001	56.2	.1731	88	767	3,065	1,979	751	661	483	198	9		
1912.															
Alabama.....	4	390	54.0	.1329		310	76	4							
California.....	2	111	54.0	.2414						67	27	17			
Illinois.....	4	990	55.8	.1785	3	13	330	186	299	92	57	10			
Indiana.....	7	595	54.5	.1679		2	227	281	30	39	15	1			
Kansas.....	2	154	51.2	.1642			75	66	6	6		1			
Kentucky.....	3	289	58.4	.1500	16	4	173	95	1						
Massachusetts.....	2	177	53.2	.1916			32	86	14	19	20	2	4		
Minnesota.....	3	257	57.8	.1752			5	176	52	24					
Missouri.....	7	747	58.9	.1564		19	413	284	16	15					
New York.....	2	350	55.7	.2015			79	137	26	47	12	44	5		
Ohio.....	8	629	54.1	.1883		1	94	296	68	116	26	28			
Pennsylvania.....	8	1,956	57.4	.2072		190	466	411	104	237	299	226	23		
Tennessee.....	5	416	58.8	.1386	33	142	226	13		2					
Texas.....	4	396	55.4	.1672		1	2	92	301						
Virginia.....	3	375	55.2	.1662	47	16	90	173	3	8	15	23			
Wisconsin.....	2	180	60.0	.1639			8	171	1						
Other States.....	2	196	54.0	.1855				130	17	34	14	1			
Total.....	68	8,208	56.3	.1786	100	699	2,386	2,810	637	706	485	353	32		

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

MACHINE WOODWORKERS: 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.										
					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.....	2	60	54.0	\$0.3154						1	11	48			
Illinois.....	2	176	53.9	.2869					3	22	69	82			
Minnesota.....	2	33	57.3	.2329					1	20	12				
New York.....	3	75	57.6	.2384			3	8	9	25	16	14			
Texas.....	2	30	60.0	.2937							18	12			
Other States.....	9	210	55.8	.2924					4	55	70	70	11		
Total.....	20	584	55.6	.2829			3	8	17	123	196	226	11		
1908.															
California.....	2	51	54.0	.3232							13	38			
Illinois.....	2	174	53.9	.2879			2	4	3	22	50	92	1		
Minnesota.....	2	26	57.8	.2388					1	14	11				
New York.....	3	40	55.4	.2720				2	3	11	7	17			
Texas.....	2	20	60.0	.3120							3	17			
Other States.....	9	162	55.0	.2856					3	35	70	52	2		
Total.....	20	473	54.9	.2879			2	6	10	82	154	216	3		
1909.															
California.....	2	58	54.0	.3241							11	45	2		
Illinois.....	2	128	53.8	.2881				5	1	18	38	63	2	1	
Minnesota.....	2	43	58.2	.2328					1	29	13				
New York.....	3	64	56.8	.2599				5	5	23	10	20	1		
Texas.....	2	26	57.9	.3125							4	22			
Other States.....	9	169	55.5	.2903					3	34	64	64	4		
Total.....	20	488	55.4	.2859				10	10	104	140	214	9	1	
1910.															
Alabama.....	4	45	54.0	.2559						11	30	4			
California.....	2	66	54.0	.3258							13	51	2		
Illinois.....	5	351	54.7	.2695			6	31	20	71	84	139			
Indiana.....	7	151	55.6	.2759				1	14	34	48	50	4		
Massachusetts.....	2	47	53.4	.2780						5	36	6			
Minnesota.....	2	34	57.9	.2391					1	21	12				
Missouri.....	7	182	59.1	.2094			9	45	31	50	43	4			
New York.....	4	65	56.7	.2723				3	5	25	8	21	3		
Ohio.....	7	197	54.6	.2702					6	66	67	51	7		
Pennsylvania.....	2	52	55.8	.3731					1	2	1	34	14		
Tennessee.....	4	77	58.5	.2489				9	7	22	28	11			
Texas.....	4	34	55.9	.3022						5	4	25			
Virginia.....	2	31	60.0	.3321							6	23	2		
Wisconsin.....	2	81	59.6	.2276					1	69	11				
Other States.....	4	99	53.5	.2640				1	7	29	31	30	1		
Total.....	58	1,512	55.9	.2667			15	90	93	410	422	449	33		
1911.															
Alabama.....	4	51	55.4	.2685						12	35	4			
California.....	2	54	54.0	.3318							9	39	6		
Illinois.....	5	244	55.1	.2873			2	36	16	21	20	142	7		
Indiana.....	7	126	54.7	.2655				2	11	38	37	37	1		
Kansas.....	2	38	51.1	.2968						7	14	17			
Kentucky.....	3	56	57.9	.2575						9	47				
Massachusetts.....	2	58	53.4	.2830						3	42	8			
Minnesota.....	3	44	58.4	.2454						24	19	1			
Missouri.....	7	180	59.0	.2119			4	58	24	46	43	5			
New York.....	2	53	56.9	.2793					3	4	15	10	20	1	

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

MACHINE WOODWORKERS: 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.										
					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—Concluded.															
Ohio.....	7	178	54.5	\$0.2731					1	46	80	50	1		
Pennsylvania.....	8	119	57.8	.2745				14	9	25	21	47	3		
Tennessee.....	5	79	57.8	.2633				2	6	22	38	9	2		
Texas.....	4	35	56.2	.3054						6		4	25		
Virginia.....	3	42	58.6	.3441						1	9	24	7	1	
Wisconsin.....	2	70	59.6	.2386						48	22				
Other States.....	2	21	51.3	.3073						1	6	14			
Total.....	68	1,443	56.2	.2703			6	115	71	324	456	442	28	1	
1912.															
Alabama.....	4	55	54.0	.2921						2	32	21			
California.....	2	48	54.0	.3294							9	36	3		
Illinois.....	5	157	54.1	.3006			2	2	15	24	13	95	6		
Indiana.....	7	129	54.4	.2776				1	1	33	49	43	2		
Kansas.....	2	40	51.8	.2713						7	31	2			
Kentucky.....	3	55	58.0	.2760						8	35	12			
Massachusetts.....	2	49	53.3	.2877						1	38	10			
Minnesota.....	3	43	58.5	.2474						24	18	1			
Missouri.....	7	155	58.8	.2223			5	32	25	45	37	11			
New York.....	2	44	56.5	.3100				3	2	8	6	16	9		
Ohio.....	7	115	54.4	.2862				1	3	20	37	54			
Pennsylvania.....	8	120	58.3	.2866				12	8	19	22	56	3		
Tennessee.....	5	71	57.8	.2782				1	1	12	30	27			
Texas.....	4	29	56.7	.2981						7	4	18			
Virginia.....	3	48	55.3	.3451							14	28	4	1	
Wisconsin.....	2	90	60.0	.2378						65	25				
Other States.....	2	20	51.2	.3169						1	3	16			
Total.....	68	1,268	56.1	.2790			7	52	55	276	403	446	27	1	

MACHINISTS: MALE.

1910.														
Illinois.....	5	138	56.1	\$0.3135						9	40	87	2	
Indiana.....	6	91	55.5	.3141						6	16	63	5	1
Massachusetts.....	2	37	53.2	.2990							17	18	2	
Missouri.....	4	115	62.1	.2757				1		14	68	32		
New York.....	4	182	54.3	.2743						16	153	11	1	1
Ohio.....	6	59	52.9	.2839						15	27	13	3	1
Other States.....	11	238	53.0	.3482						6	54	128	50	
Total.....	38	860	55.3	.3072					1	66	375	352	63	3
1911.														
Illinois.....	5	78	55.8	.3184						6	24	42	6	
Indiana.....	3	64	55.7	.2995						5	25	34		
Massachusetts.....	2	38	53.2	.3190							10	26	1	1
Missouri.....	4	98	59.4	.2935					1	15	36	43	3	
New York.....	2	26	55.4	.2950						4	13	8	1	
Ohio.....	4	33	54.6	.2758						9	19	5		
Pennsylvania.....	3	152	57.9	.3062						39	42	48	23	
Other States.....	11	99	55.8	.3709						7	5	54	30	3
Total.....	34	588	56.7	.3145					1	85	174	280	64	4

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

MACHINISTS: 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.										60 cts. and over.
					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.	
1912.															
Illinois	5	87	55.8	\$0.3146						4	37	44	2		
Indiana	3	48	55.7	.3180							9	36	1		
Massachusetts	2	44	53.3	.3142					1	1	17	26			
Missouri	4	85	59.5	.2715						24	49	12			
New York	2	26	55.2	.3146						4	10	10	1	1	
Ohio	4	23	54.5	.2713							8	7			
Pennsylvania	3	140	58.0	.3143				14	7	32	23	18	46		
Other States	11	102	55.6	.3563						8	7	60	27		
Total	34	555	56.6	.3142				14	8	32	160	213	77	1	

PAINTERS: MALE.

1907.														
California	2	77	54.0	\$0.3137						3	18	56		
Illinois	2	287	53.8	.3150		1		5	12	41	57	136	28	7
Minnesota	2	87	57.1	.2437						6	36	44	1	
Missouri	2	35	56.7	.2564							14	17	4	
New York	2	124	54.8	.4187	1	2	2		1	8	5	26	48	29
Texas	2	46	60.0	.2936						5	14	27		
Other States	7	490	55.5	.2880			2	6	40	150	95	127	69	1
Total	19	1,146	55.2	.3066	1	3	4	11	59	257	250	377	145	37
1908.														
California	2	77	54.0	.3244						2	14	59	2	
Illinois	2	204	53.8	.3215					5	26	30	137	6	
Minnesota	2	57	57.3	.2508					6	17	31	3		
Missouri	2	12	59.5	.2533						6	4	2		
New York	2	107	54.0	.3466					1	6	17	68	15	
Texas	2	22	60.0	.3155						1	5	16		
Other States	7	395	55.0	.2851					20	129	99	108	39	
Total	19	874	54.8	.2912					32	187	200	393	62	
1909.														
California	2	101	54.0	.3194						3	24	71	3	
Illinois	2	241	53.7	.3220				2	6	27	31	156	19	
Minnesota	2	120	57.9	.2331					39	30	49	2		
Missouri	2	30	59.4	.2542						11	15	4		
New York	2	124	54.8	.3358	1	1		4	2	5	20	70	21	
Texas	2	43	57.1	.3033						1	21	21		
Other States	7	439	57.3	.2839					1	33	139	84	156	25
Total	19	1,098	56.0	.2967	1	1		7	80	216	244	480	68	1
1910.														
Alabama	4	40	54.0	.2469					1		19	14	6	
California	2	121	54.0	.3177							3	26	90	2
Illinois	5	675	54.2	.3224					8	12	110	136	268	135
Indiana	7	190	54.9	.2612			1	5	25	22	44	28	74	
Massachusetts	2	140	53.1	.2613						6	52	59	22	1
Minnesota	2	32	57.3	.2533						4	29	45	4	
Missouri	7	261	58.3	.2407			2	21	43	4	69	76	43	3
New York	4	122	54.7	.3370				1	6	3	5	19	36	41
Ohio	8	236	53.5	.3292				2	14	17	32	23	79	61
Pennsylvania	3	207	55.3	.3315				6	4	4	17	38	86	52

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

PAINTERS: 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.											
					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—Concluded.																
Tennessee.....	4	103	58.4	\$0.2457				2	30	13	47	11				
Texas.....	4	66	56.1	.3058						5	18	43				
Virginia.....	2	75	60.0	.3774				7		1	6	16	42	3		
Wisconsin.....	2	119	58.8	.2455					1	54	62	2				
Other States.....	4	218	54.8	.2734					23	77	46	53	15	4		
Total.....	60	2,664	55.5	.2959		4	40	107	128	544	632	833	352	20		
1911.																
Alabama.....	4	50	54.0	.2469					8	19	19	4				
California.....	2	111	54.0	.3264						2	24	78				
Illinois.....	5	863	54.1	.3229		2		12	163	138	336	151		11		
Indiana.....	7	289	54.9	.2929				9	33	56	61	97	33			
Kansas.....	2	74	51.5	.3578				3		10	13	19	23	6		
Kentucky.....	3	123	58.8	.2261					25	71	24	3				
Massachusetts.....	2	151	53.1	.2711				4	6	26	84	31				
Minnesota.....	3	113	57.5	.2573					1	51	49	12				
Missouri.....	7	283	58.6	.2741		2	8	18	13	67	51	115	9			
New York.....	2	85	55.1	.3638			1		3	10	6	26	35	4		
Ohio.....	8	199	53.4	.3276		1		7	12	31	30	55	58	4		
Pennsylvania.....	8	276	57.6	.3214		2		6	9	4	50	46	91	65		
Tennessee.....	5	143	58.3	.2448				4	43	26	49	18	2	1		
Texas.....	4	59	56.0	.3213						5	9	43	2			
Virginia.....	3	72	59.3	.3815				1	1	2	7	24	35	2		
Wisconsin.....	2	142	59.9	.2565					1	66	67	8				
Other States.....	2	69	52.0	.3376						4	19	35	11			
Total.....	69	3,102	55.7	.3029		2	3	18	55	162	659	696	1,045	431	31	
1912.																
Alabama.....	4	70	54.0	.2409						44	14	12				
California.....	2	117	54.0	.3359							12	93	12			
Illinois.....	5	782	53.9	.3273		2	4	19	125	107	370	146		9		
Indiana.....	7	136	54.0	.3155				1	8	26	26	57	18			
Kansas.....	2	73	51.9	.3860					1	9	10	17	25	11		
Kentucky.....	3	126	58.9	.2401						84	36	6				
Massachusetts.....	2	170	53.2	.2693					8	38	90	33				
Minnesota.....	3	100	57.6	.2592					1	40	51	8				
Missouri.....	7	243	58.7	.2513					4	55	39	83	3	1		
New York.....	2	86	54.4	.4002						2	1	32	51			
Ohio.....	8	178	54.4	.3300			2	8	8	33	30	35	47	15		
Pennsylvania.....	8	268	57.7	.3390			1		1	14	86	104	56	6		
Tennessee.....	5	112	58.0	.2561				2	27	20	37	26				
Texas.....	4	69	55.3	.3088						7	16	45	1			
Virginia.....	3	81	55.5	.4380						6	3	12	39	21		
Wisconsin.....	2	168	60.0	.2521					1	89	70	8				
Other States.....	2	67	51.4	.3275						3	24	34	6			
Total.....	69	2,846	55.5	.3092		1	16	62	78	595	652	975	404	63		

PIPE FITTERS: MALE.

Year and State.	Number of establishments.	Number of employees.	Average nominal full-time hours per week.	Average rate of wages per hour.	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.															
California.....	2	60	54.0	\$0.3042								26	34		
Illinois.....	5	135	54.8	.3625					1	12	24	30	68		
Indiana.....	7	41	55.1	.2965				1	1	9	10	19	1		
Massachusetts.....	2	26	53.1	.2825						3	18	5			
Missouri.....	6	49	59.1	.2498			2	1	2	13	23	8			

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

PIPE FITTERS: 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.										
					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—Concluded.										
New York.....	4	46	55.4	\$0.2772				1	2	15	16	8	4	7
Ohio.....	5	73	54.0	.2934					3	15	22	24	7	2
Pennsylvania.....	2	37	55.8	.2985					3	4	12	16	2	.....
Tennessee.....	2	24	55.9	.3176					1		5	17		1
Other States.....	13	102	55.2	.2861						11	62	29		.....
Total.....	48	593	55.2	.3052			2	3	13	82	218	190	82	3
1911.															
California.....	2	59	54.0	.3117							19	39	1	.....
Illinois.....	5	174	54.5	.3863					1	11	23	37	100	2
Indiana.....	7	54	54.5	.2928				1		13	20	13	7	.....
Kentucky.....	3	27	58.7	.3050							4	23		.....
Massachusetts.....	2	27	53.1	.3013							3	5	19	.....
Missouri.....	6	50	58.4	.2606						15	27	8	.....	
New York.....	2	31	56.1	.2850						11	12	6	2	.....
Ohio.....	4	53	54.7	.3123						5	16	28	4	.....
Pennsylvania.....	4	114	58.3	.3101		1	2		6	5	28	69	3	.....
Tennessee.....	3	24	55.0	.3062						4	4	15	1	.....
Other States.....	12	65	55.1	.2885				1		12	34	16	2	.....
Total.....	50	678	55.7	.3210		1	2	2	7	79	192	273	120	2
1912.															
California.....	2	68	54.0	.3206							14	52	2	.....
Illinois.....	5	108	54.6	.3861						5	19	18	66	.....
Indiana.....	7	28	54.3	.3245				1	2	2	6	11	6	.....
Kentucky.....	3	28	58.1	.3141							2	26		.....
Massachusetts.....	2	23	53.1	.3005							2	5	16	.....
Missouri.....	6	58	58.2	.2315				12	5	12	24	5	.....	
New York.....	2	25	55.7	.3178						2	11	9	3	.....
Ohio.....	4	34	54.8	.3573			1	2	1	1	3	16	6	3	1
Pennsylvania.....	4	54	57.4	.3298					2	2	11	31	8	.....
Tennessee.....	3	21	54.5	.3345						1	2	18	.....	
Other States.....	12	68	53.3	.3001						10	32	24	2	.....
Total.....	50	515	55.2	.3244			1	15	10	37	129	226	93	3	1

RIVETERS AND BUCKERS: MALE.

1910.																
Illinois.....	3	347	55.5	\$0.3734		1			24	8	49	54	67	58	66	20
Indiana.....	2	254	55.7	.2842				2	38	9	55	46	84	19	1	.....
Missouri.....	2	159	59.7	.2225			3	2	33	19	64	27	11	.....	
Ohio.....	2	134	52.8	.4060			2	6	7	4	13	14	30	15	19	24
Other States.....	5	630	56.1	.2937			10	22	56	49	69	107	239	76	2	.....
Total.....	14	1,524	56.0	.3127			16	32	158	89	250	248	431	168	88	44
1911.																
Illinois.....	3	288	55.0	.3283		1		3	3	24	45	44	95	61	10	2
Indiana.....	2	105	55.6	.2755				3	5	3	22	33	38	1	.....
Missouri.....	2	149	59.6	.2258				4	44	4	58	20	19	.....	
Ohio.....	2	57	51.7	.3425					1	1	7	9	25	12	1	1
Pennsylvania.....	2	493	57.4	.2434		2	2	14	47	58	172	107	89	1	1	.....
Other States.....	5	68	58.4	.3009				1	1	1	18	17	21	6	2	1
Total.....	16	1,160	56.7	.2734		3	2	25	101	91	322	230	287	81	14	4

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

RIVETERS AND BUCKERS: 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.												
					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.												
Illinois.....	3	344	55.6	\$.3428		1		3	18	41	80	89	97	15			
Indiana.....	2	132	55.7	.3028		1	8	7	8	17	29	38	20	4			
Missouri.....	2	126	59.9	.1934	2	4	10	39	6	59	6						
Ohio.....	2	71	52.3	.2494			3	5	12	32	3	8	8				
Pennsylvania.....	2	512	57.7	.3177				4	10	112	95	215	76				
Other States.....	5	35	57.7	.2902				1	3	12	5	9	4	1			
Total.....	16	1,220	56.8	.3056	2	6	21	59	57	273	218	359	205	20			

TINNERS: MALE.

1910.																	
Illinois.....	5	324	53.9	\$.3757					1	7	49	113	153	1			
Indiana.....	6	40	54.8	.3188						5	9	23	3				
Massachusetts.....	2	25	53.2	.2701						1	20	4					
Missouri.....	6	38	58.5	.2790						10	11	16	1				
Ohio.....	5	72	54.3	.3136						17	19	23	10	3			
Pennsylvania.....	2	89	55.4	.3765							4	58	27				
Tennessee.....	3	26	57.4	.3022						1	11	13	1				
Wisconsin.....	2	22	59.7	.2605						3	17	2					
Other States.....	17	109	54.5	.3077					1	9	37	56	6				
Total.....	48	745	54.8	.3424					2	53	177	308	201	4			
1911.																	
Illinois.....	5	302	54.0	.3820						3	21	136	140	1	1		
Indiana.....	5	49	54.3	.3086					1	5	18	24	1				
Massachusetts.....	2	22	53.2	.2887						1	15	6					
Missouri.....	7	58	58.8	.2668				1	3	21	13	20					
Ohio.....	5	68	54.1	.3257						6	15	38	9				
Pennsylvania.....	6	118	56.9	.3612					1	3	16	70	28				
Tennessee.....	4	30	57.0	.2980						1	12	17					
Wisconsin.....	2	22	59.7	.2750							19	3					
Other States.....	18	116	54.7	.3163						5	39	64	8				
Total.....	54	785	55.2	.3424				1	5	45	168	378	186	1	1		
1912.																	
Illinois.....	5	204	54.0	.3837				2		3	20	66	112	1			
Indiana.....	5	33	53.8	.3507				2			7	17	5	2			
Massachusetts.....	2	28	53.3	.2828						2	20	6					
Missouri.....	7	64	57.4	.2349				2	1	25	5	10	21				
Ohio.....	5	59	54.9	.3407							6	9	35	8			1
Pennsylvania.....	6	79	55.9	.3700						1	1	8	47	21			1
Tennessee.....	4	30	57.0	.3198							1	29					
Wisconsin.....	2	14	54.4	.2807								12	2				
Other States.....	18	121	53.5	.3258						1	5	34	72	9			
Total.....	54	632	54.7	.3403			2	1	29	2	22	121	295	155	3	2	

WAGES AND HOURS OF LABOR, 1890 TO 1912—CAR BUILDING. 41

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

TRUCK BUILDERS: MALE.

Year and State.	Number of establishments.	Number of employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.....	2	29	54.0	\$.2733						1	19	9				
Illinois.....	2	154	53.7	.2710				17	14	28	44	44	7			
Minnesota.....	2	48	56.4	.2160						45	3					
Missouri.....	2	34	57.2	.2206						31	3					
Texas.....	2	57	60.0	.2095					38	9	3	7				
Other States.....	4	99	55.0	.2507		2	4	2	5	56	14	14		2		
Total.....	14	421	55.5	.2477		2	4	19	57	170	86	74	7	2		
1908.																
California.....	2	37	54.0	.2764							27	10				
Illinois.....	2	72	53.5	.2549				11	7	15	20	18	1			
Minnesota.....	2	33	56.5	.2226						26	7					
Missouri.....	2	21	56.6	.2264						19	2					
Texas.....	2	39	60.0	.2223						32	1	6				
Other States.....	4	74	53.8	.2631				1		49	11	11		1		
Total.....	14	276	55.2	.2498				12	7	141	68	45	1	1		
1909.																
California.....	2	38	54.0	.2789							28	10				
Illinois.....	2	63	53.6	.2589				13	2	12	18	18				
Minnesota.....	2	55	56.7	.2181						49	6					
Missouri.....	2	32	57.9	.2128						32						
Texas.....	2	43	54.8	.2171				1		36		6				
Other States.....	4	96	55.5	.2582			4	8	3	38	21	20		1		
Total.....	14	327	55.3	.2442			4	22	5	167	73	54		1		
1910.																
California.....	2	52	54.0	.2798							39	13				
Illinois.....	5	155	54.6	.2551			19	9	6	32	53	36				
Indiana.....	5	56	54.9	.2539			1	5	5	15	20	10				
Massachusetts.....	2	38	53.5	.2485						20	15	3				
Minnesota.....	2	70	56.8	.2190						64	6					
Missouri.....	7	180	62.0	.1961		2	35	29	25	80	8	1				
New York.....	4	72	55.8	.2413			1	20	4	17	21	6	3			
Ohio.....	6	162	52.4	.2882			1	3	7	54	30	59	7	1		
Pennsylvania.....	2	62	57.9	.2593			4	4	7	22	3	20	2			
Texas.....	4	58	54.6	.2307						45	5	8				
Other States.....	5	106	55.8	.2419					51	20	13	22				
Total.....	44	1,011	56.1	.2449		2	61	70	105	369	213	178	12	1		
1911.																
California.....	2	45	54.0	.2811							33	12				
Illinois.....	4	189	54.2	.2676				24	5	35	65	60				
Indiana.....	6	50	53.9	.2619			1	6	5	16	8	11	3			
Kansas.....	2	72	54.9	.2726						37	9	26				
Massachusetts.....	2	33	53.2	.2520						27	4	2				
Minnesota.....	2	67	56.5	.2281						61	6					
Missouri.....	6	117	58.8	.2121			20	13	19	29	34	2				
New York.....	2	45	56.8	.2346			2	4	5	24	8		2			
Ohio.....	5	110	52.4	.2999						34	27	42	7			
Pennsylvania.....	3	62	55.7	.2533			5	11	1	10	24	9	2			
Texas.....	4	51	54.7	.2390						39	3	9				
Other States.....	6	102	58.1	.2257			3	4		69	22	4				
Total.....	44	943	55.4	.2534			31	62	35	381	243	177	14			

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

TRUCK BUILDERS: MALE—Concluded.

Year and State.	Number of establishments.	Number of employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.....	2	63	54.0	\$0.2853						1	44	18				
Illinois.....	4	117	54.8	.3101		1	2	12	13	23	53	13				
Indiana.....	6	64	53.8	.2780		2	5	2	25	12	6	12				
Kansas.....	2	73	55.2	.2801						37	6	30				
Massachusetts.....	2	45	53.1	.2476						37	7	1				
Minnesota.....	2	59	56.4	.2284						53	6					
Missouri.....	6	103	58.4	.2110		3	25	24	19	32						
New York.....	2	38	56.1	.2377			3	4	14	15	1	1				
Ohio.....	5	107	53.9	.3059			3	3	20	20	56	5				
Pennsylvania.....	3	71	57.9	.2942		2		1	25	13	28	2				
Texas.....	4	43	54.4	.2386						33	1	9				
Other States.....	6	108	57.9	.2216		1	2	5	75	18	7					
Total.....	44	891	55.7	.2645			9	40	51	352	197	209	33			

UPHOLSTERERS: MALE.

1910.																
California.....	2	39	54.0	\$0.3347						1	38					
Illinois.....	4	135	53.9	.3602				1	4	12	94	24				
Missouri.....	6	35	58.1	.2832					2	30	3					
Ohio.....	4	82	54.5	.3298					11	11	43	17				
Pennsylvania.....	2	22	55.7	.3693						2	16	3	1			
Other States.....	24	164	56.0	.2892			1	2	36	62	55	8				
Total.....	42	477	55.1	.3232			1	3	53	118	249	52	1			
1911.																
California.....	2	41	54.0	.3331						2	38	1				
Illinois.....	4	174	53.9	.3913					3	7	63	101				
Missouri.....	6	28	57.4	.2978						12	16					
Ohio.....	4	60	54.1	.3452					4	10	32	14				
Pennsylvania.....	2	21	55.6	.4010						2	6	12	1			
Other States.....	28	182	55.9	.3015					4	98	72	8				
Total.....	46	506	54.9	.3440					11	131	227	136				1
1912.																
California.....	2	48	54.0	.3363						3	38	7				
Illinois.....	4	144	53.6	.3988					2	8	40	94				
Missouri.....	6	24	58.2	.3027					1	7	16					
Ohio.....	4	41	54.7	.3781						2	21	17				
Pennsylvania.....	2	26	55.6	.4060						1	7	18				
Other States.....	28	190	55.7	.3121					3	84	92	10	1			
Total.....	46	473	54.9	.3514					7	105	214	146	1			

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

[The establishments set opposite each bracketed group of years are identical.]

Occupation, 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.										
					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.
CABINETMAKERS, MALE.															
California:															
2 establishments.....	1910	42	54.0	\$0.3596									42		
	1911	35	54.0	.3657									30	5	
2 establishments.....	1911	35	54.0	.3657										30	5
	1912	38	54.0	.3737										29	9
Illinois:															
4 establishments.....	1910	348	53.9	.3490						9	41	269	29		
	1911	321	53.9	.3372					1	5	55	237	23		
4 establishments.....	1911	321	53.9	.3372					1	5	55	237	23		
	1912	443	54.0	.3438					2	47	355	39			
Indiana:															
5 establishments.....	1910	48	55.7	.3178						4	21	20	2		1
	1911	51	55.4	.3382					1	2	13	25	9	1	
5 establishments.....	1911	51	55.4	.3382					1	2	13	25	9	1	
	1912	35	55.3	.3218							15	19	1		
Massachusetts:															
2 establishments.....	1910	63	53.2	.2758						4	50	9			
	1911	79	53.2	.2879						1	60	18			
2 establishments.....	1911	79	53.2	.2879						1	60	18			
	1912	74	53.3	.2934							52	22			
Minnesota:															
2 establishments.....	1910	21	57.0	.2770							21				
	1911	26	57.3	.2911							19	7			
2 establishments.....	1911	26	57.3	.2911							19	7			
	1912	19	56.9	.2965							15	4			
Missouri:															
4 establishments.....	1910	51	58.5	.3004						2	12	37			
	1911	48	58.7	.2949						4	17	26	1		
4 establishments.....	1911	48	58.7	.2949						4	17	26	1		
	1912	55	58.5	.2819			1	3	2	4	14	31			
New York:															
3 establishments.....	1910	27	54.0	.3779						3	5	7	9	2	1
	1911	28	54.0	.3627						3	2	12	11		
3 establishments.....	1910	210	55.1	.3027			1	1	3	38	50	103	10	4	
	1911	205	55.1	.3038						33	60	103	7	2	
3 establishments.....	1911	205	55.1	.3038						33	60	103	7	2	
	1912	122	55.1	.3313						5	37	62	17	1	
Pennsylvania:															
2 establishments.....	1910	112	55.0	.3639							14	76	22		
	1911	126	55.0	.3789						1	10	66	49		
2 establishments.....	1911	130	55.1	.3778						1	10	70	49		
	1912	129	55.2	.3882							10	64	55		
CARPENTERS AND CAR BUILDERS, WOOD, MALE.															
Alabama:															
4 establishments.....	1910	57	54.0	.2649						14	32	11			
	1911	194	54.0	.2450					14	117	42	21			
4 establishments.....	1911	194	54.0	.2450					14	117	42	21			
	1912	23	54.0	.3320							4	19			
California:															
2 establishments.....	1907	486	54.0	.3004							160	324	2		
	1908	350	54.0	.3197							52	298			
	1909	393	54.0	.3166							67	325	1		
	1910	429	54.0	.3173							76	353			

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

Occupation, 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.										
					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.
CARPENTERS AND CAR BUILDERS, WOOD, MALE—continued.															
California—Concluded.															
2 establishments.....	1910	429	54.0	\$0.3173								76	353		
	1911	397	54.0	.3198						1	44	336	16		
2 establishments.....	1911	397	54.0	.3198						1	44	336	16		
	1912	426	54.0	.3205							59	339	28		
Illinois:															
2 establishments.....	1907	1,244	53.9	.3573			2	7	20	141	175	439	398	62	
	1908	583	53.9	.3207					3	60	95	343	75	7	
	1909	617	53.8	.3250			2	2	2	61	162	304	80	4	
	1910	870	53.9	.3634			3	4		6	94	173	248	259	82
4 establishments.....	1910	1,630	55.0	.3309			3	7	102	25	204	303	571	322	91
	1911	1,414	54.9	.3205			2	8	42	23	165	295	635	222	21
4 establishments.....	1911	1,453	54.9	.3198			2	8	42	23	165	312	657	222	21
	1912	1,202	54.7	.3097			5	9	19	27	253	248	447	179	15
Indiana:															
5 establishments.....	1910	285	54.2	.3069					1		50	77	144	11	1
	1911	315	54.0	.3124						4	68	78	137	27	1
5 establishments.....	1911	315	54.0	.3124					4	68	78	137	27		1
	1912	298	54.1	.3171					3	48	81	122	43		1
Kansas:															
2 establishments.....	1911	335	52.0	.2916							99	114	101	21	
	1912	318	51.5	.2902							125	82	91	20	
Kentucky:															
3 establishments.....	1911	404	57.6	.2545					3	162	217	22			
	1912	380	58.6	.2689						43	273	64			
Massachusetts:															
2 establishments.....	1910	227	53.2	.2744							38	133	55	1	
	1911	248	53.2	.2885							9	161	78		
2 establishments.....	1911	245	53.2	.2889							6	163	76		
	1912	261	53.3	.2856							10	179	72		
Minnesota:															
2 establishments.....	1907	342	57.9	.2393					1	209	132				
	1908	307	58.5	.2296						1	235	71			
	1909	404	58.4	.2310							230	114			
	1910	345	58.1	.2423							213	132			
2 establishments.....	1910	345	58.1	.2423							213	132			
	1911	383	58.1	.2554							193	189	1		
3 establishments.....	1911	389	58.1	.2553							195	193	1		
	1912	327	58.1	.2539							181	146			
Missouri:															
2 establishments.....	1907	120	57.6	.2615							43	71	6		
	1908	48	62.0	.2663							3	42	3		
	1909	148	57.6	.2807							25	82	40	1	
	1910	139	59.8	.3033					2	14	54	63	6		
7 establishments.....	1910	1,167	59.1	.2482			8	95	277	35	198	218	310	23	3
	1911	797	58.5	.2688			2	5	19	43	24	212	255	211	24
7 establishments.....	1911	797	58.5	.2688			2	5	19	43	24	212	255	211	24
	1912	1,100	58.8	.2451			2	9	47	376	14	129	198	299	20
New Jersey:															
2 establishments.....	1911	134	54.0	.2940					2	2	23	46	60	1	
	1912	138	54.2	.3007					1	3	6	12	57	49	10
New York:															
3 establishments.....	1907	520	56.5	.2936		1	4	5	4	54	148	94	123	75	12
	1908	259	54.8	.2838						1	3	12	84	67	14
	1909	505	57.5	.2633		4	9	14	19	35	167	109	124	21	3
	1910	515	57.7	.3349		2	2	4	4	16	73	96	182	117	19

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

Occupation, 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.											
					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.	
CARPENTERS AND CAR BUILDERS, WOOD, MALE—concluded.																
New York—Concluded.																
4 establishments	1910	559	57.4	\$0.3245	2	2	4	4	20	113	96	182	117	19	
	1911	629	57.3	.2940	3	13	11	33	123	160	241	37	8	.....	
2 establishments	1911	527	57.9	.3033	3	12	11	16	84	132	224	37	8	.....	
	1912	388	56.6	.2964	2	11	10	14	73	108	122	44	2	.....	
Ohio:																
6 establishments	1910	772	54.1	.3324	1	.....	8	11	68	125	412	142	4	1	
	1911	665	53.1	.3417	.....	.....	.....	3	35	73	432	110	10	2
6 establishments	1911	665	53.6	.3417	.....	.....	.....	3	35	73	432	110	10	2
	1912	338	52.5	.3502	.....	.....	.....	2	39	65	131	96	4	1
Pennsylvania:																
3 establishments	1910	634	55.8	.3437	.....	3	.....	16	87	108	195	214	10	1
	1911	452	55.5	.3344	1	4	9	6	55	75	181	115	4	2		
6 establishments	1911	323	56.8	.2800	1	5	10	14	104	80	81	28	.....	.....
	1912	411	58.4	.2836	.....	.....	1	12	143	139	91	24	1	.....	
Tennessee:																
4 establishments	1910	186	58.2	.2731	.....	.....	.....	.....	11	127	46	.....	.....	2
	1911	283	58.2	.2799	.....	1	9	4	31	153	72	3	4	6	
5 establishments	1911	357	57.4	.2755	.....	1	9	4	31	226	73	3	4	6	
	1912	308	57.0	.2754	.....	.....	2	4	6	13	217	63	3	.....	
Texas:																
2 establishments	1907	270	60.0	.2927	.....	.....	.....	.....	5	166	99	.....	.....	.....
	1908	192	60.0	.3047	.....	.....	.....	.....	5	81	106	.....	.....	.....
	1909	233	56.3	.3060	.....	.....	.....	.....	3	90	140	.....	.....	.....
	1910	237	54.0	.3062	.....	.....	.....	.....	10	26	201	.....	.....	.....
4 establishments	1910	343	55.9	.3014	.....	.....	.....	.....	12	72	259	.....	.....	.....
	1911	341	55.5	.3130	.....	.....	.....	.....	13	53	275	.....	.....	.....
4 establishments	1911	341	55.5	.3130	.....	.....	.....	.....	13	53	275	.....	.....	.....
	1912	403	55.4	.3144	.....	.....	.....	.....	2	84	317	.....	.....	.....
Virginia:																
2 establishments	1910	136	60.0	.3582	.....	.....	.....	.....	2	45	43	44	1	1
	1911	130	60.0	.3669	.....	.....	.....	.....	1	31	45	49	4	.....	
3 establishments	1911	213	57.7	.3457	.....	.....	.....	2	11	62	75	59	4	.....	
	1912	206	56.1	.3752	.....	.....	.....	.....	10	39	71	72	13	1
Wisconsin:																
2 establishments	1910	676	59.9	.2183	.....	.....	.....	2	615	59	.....	.....	.....	.....
	1911	726	59.9	.2287	.....	.....	.....	.....	621	105	.....	.....	.....	.....
2 establishments	1911	726	59.9	.2287	.....	.....	.....	.....	621	105	.....	.....	.....	.....
	1912	891	60.0	.2256	.....	.....	.....	.....	798	93	.....	.....	.....	.....
CAR REPAIRERS, MALE.																
Alabama:																
4 establishments	1910	767	54.0	.2124	.....	.....	31	77	9	565	85	.....	.....	.....
	1911	681	54.0	.2234	.....	.....	.....	21	63	518	79	.....	.....	.....
4 establishments	1911	681	54.0	.2234	.....	.....	.....	21	63	518	79	.....	.....	.....
	1912	1,185	54.0	.2390	.....	7	3	37	.....	572	544	22	.....	.....
California:																
2 establishments	1907	235	54.0	.2437	.....	.....	.....	.....	59	176	.....	.....	.....	.....
	1908	146	54.0	.2455	.....	.....	.....	.....	29	117	.....	.....	.....	.....
	1909	201	54.0	.2455	.....	.....	.....	.....	40	161	.....	.....	.....	.....
	1910	199	54.0	.2460	.....	.....	.....	.....	38	160	1	.....	.....	.....
2 establishments	1910	199	54.0	.2460	.....	.....	.....	.....	38	160	1	.....	.....	.....
	1911	109	54.0	.2458	.....	.....	.....	.....	21	88	.....	.....	.....	.....
2 establishments	1911	109	54.0	.2458	.....	.....	.....	.....	21	88	.....	.....	.....	.....
	1912	221	54.0	.2511	.....	.....	.....	.....	23	193	.....	.....	.....	.....

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

Occupation, State, and number of establishments.	Year.	Number of employ-ees.	Aver- age nominal full-time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.	
CAR REPAIRERS, MALE— continued.																
Illinois:																
4 establishments	1910	655	53.7	\$0.2773				1	6	40	202	169	191	46		
	1911	764	53.5	.2779				1	16	61	204	187	249	46		
4 establishments	1911	764	53.5	.2779			1	16	61	204	187	249	46			
	1912	574	53.5	.2841				2	45	143	151	190	43			
Indiana:																
5 establishments	1910	557	56.4	.2489				46	58	249	73	111	20			
	1911	510	53.5	.2753			2	11	62	124	131	157	23			
5 establishments	1911	510	53.5	.2753			2	11	62	124	131	157	23			
	1912	567	53.8	.2578				4	7	28	298	116	89	23	2	
Kansas:																
2 establishments	1911	154	50.3	.2481			2	1	54	29	31	35	2			
	1912	165	50.4	.2466				4	64	22	36	38	1			
Kentucky:																
3 establishments	1911	409	58.8	.2227					24	379	6					
	1912	577	58.5	.2403					11	273	270	22	1			
Minnesota:																
2 establishments	1907	260	58.7	.1990				2	110	148						
	1908	296	58.8	.2000					2	119	175					
	1909	253	58.6	.2035				2	51	200						
	1910	292	58.5	.2089					38	254						
2 establishments	1910	292	58.5	.2089					38	254						
	1911	253	58.5	.2201						253						
3 establishments	1911	445	59.1	.2176						442	3					
	1912	609	59.4	.2158						606	3					
Missouri:																
5 establishments	1910	193	56.9	.2143				12	72	80	19	10				
	1911	195	57.7	.2354					7	39	89	37	21	2		
5 establishments	1911	195	57.7	.2354					7	39	89	37	21	2		
	1912	303	56.9	.2396			2	36	42	127	38	48	10			
New Jersey:																
2 establishments	1911	59	54.0	.1942					58				1			
	1912	54	56.8	.1953					51	2			1			
New York:																
2 establishments	1907	93	57.0	.1775				34	28	15	13	3				
	1908	104	54.0	.1846				48	17	9	19	10	1			
	1909	133	54.0	.1980			1	43	22	13	31	14	9			
	1910	105	54.0	.2321				1	20	15	11	16	24	16	2	
3 establishments	1910	174	54.0	.2059			1	26	75	14	16	24	16	2		
	1911	304	54.0	.2056			7	17	116	26	81	36	19	1	1	
Ohio:																
6 establishments	1910	738	52.7	.2747			1	6	62	130	106	146	242	40	5	
	1911	672	52.1	.2848					30	103	145	125	191	65	12	1
6 establishments	1911	672	52.1	.2848					30	103	145	125	191	65	12	1
	1912	698	55.9	.3024					37	79	92	141	254	85	10	
Pennsylvania:																
6 establishments	1911	1,211	56.9	.3250				1	4	42	136	169	722	131	4	2
	1912	1,600	58.7	.3071			1	4	14	175	170	297	812	125	1	1
Tennessee:																
4 establishments	1910	523	57.1	.2327			3	13	46	40	326	41	33	16	3	2
	1911	423	56.8	.2085				15	32	29	341	6				
4 establishments	1911	423	56.8	.2085				15	32	29	341	6				
	1912	467	56.5	.2099				15	32	29	385	6				
	1912	609	56.9	.2310					7	1	421	153	27			
Texas:																
2 establishments	1907	176	60.0	.2255				1	30	78	67					
	1908	115	60.0	.2340						73	42					
	1909	135	56.1	.2319						89	46					
	1910	165	54.0	.2424				1	3	99	61	1				

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

Occupation, 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.										
					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.
CAR REPAIRERS, MALE—concluded.															
Texas—Concluded.															
4 establishments.....	1910	346	57.1	\$0.2207					35	55	194	61	1		
	1911	294	57.0	.2246				1	17	41	173	43	19		
4 establishments.....	1911	294	57.0	.2246			1	17	41	173	43	19			
	1912	404	57.3	.2333				19	25	209	124	27			
Virginia:															
2 establishments.....	1910	562	60.0	.2756		1	1	3	9	249	135	132	25	7	
	1911	516	60.0	.2863				6	17	154	163	125	43	4	
3 establishments.....	1911	571	59.4	.2864			5	8	19	162	181	149	43	4	
	1912	565	55.3	.3135				1	5	105	162	233	44	14	
Wisconsin:															
2 establishments.....	1910	624	58.6	.1910				10	465	147	2				
	1911	746	58.1	.2032				1	347	396	2				
2 establishments.....	1911	746	58.1	.2032				1	347	396	2				
	1912	827	60.0	.1991					502	323	2				
FITTERS, MALE.															
Illinois:															
2 establishments.....	1910	598	55.8	.3026	2	2	10	96	23	34	140	168	122	1	
	1911	699	54.5	.3242		3	4	30	30	66	117	309	136	4	
2 establishments.....	1911	699	54.5	.3242		3	4	30	30	66	117	309	136	4	
	1912	712	55.3	.2903		8	21	89	41	108	111	214	118	2	
Indiana:															
2 establishments.....	1910	266	55.7	.2522		2	13	21	18	72	84	53	3		
	1911	238	55.6	.2551		3	25	5	6	64	78	57			
2 establishments.....	1911	238	55.6	.2551		3	25	5	6	64	78	57			
	1912	166	55.7	.2582	2	2	21	10	3	26	61	34	7		
Missouri:															
2 establishments.....	1910	206	59.8	.1823		7	25	79	60	30	5				
	1911	250	59.7	.1895		3	71	101	19	30	4	19	2	1	
2 establishments.....	1911	250	59.7	.1895		3	71	101	19	30	4	19	2	1	
	1912	219	59.9	.1647		89	32	35	23	35	2	3			
Ohio:															
2 establishments.....	1910	216	53.9	.2287	6	10	19	38	24	55	21	31	10	2	
	1911	187	54.5	.2615				22	16	61	30	43	15		
2 establishments.....	1911	187	54.5	.2615				22	16	61	30	43	15		
	1912	130	53.0	.2684				16	21	31	16	33	13		
Pennsylvania:															
2 establishments.....	1911	342	57.3	.1824	1	5	30	171	71	47	10	7			
	1912	451	58.3	.2222			4	127	72	129	89	22	8		
LABORERS, MALE.															
Alabama:															
4 establishments.....	1910	389	54.0	.1284	7	303	79								
	1911	356	54.0	.1340	1	269	82	4							
4 establishments.....	1911	356	54.0	.1340	1	269	82	4							
	1912	390	54.0	.1329		310	76	4							
California:															
2 establishments.....	1907	230	54.0	.2183						202	28				
	1908	160	54.0	.2278						109	50	1			
	1909	222	54.0	.2249						150	66	6			
	1910	201	54.0	.2314						118	76	7			
2 establishments.....	1910	201	54.0	.2314						118	76	7			
	1911	165	54.0	.2423						70	82	13			
2 establishments.....	1911	165	54.0	.2423						70	82	13			
	1912	111	54.0	.2414						67	27	17			

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

Occupation, State, and number of establishments.	Year.	Number of employ-ees.	Aver- age nom- inal full-time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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—con- tinued.											
Illinois:																
	1907	1,477	53.9	\$.1729				34	1388	3	36	14	2			
	1908	295	53.5	.1785				19	231	8	16	11	10			
2 establishments.....	1909	492	53.5	.1752				97	327	3	28	32	7			
	1910	904	53.8	.1874				2	164	687	30	16	5			
	1910	1,448	55.2	.1799			8	282	268	806	50	22	12			
4 establishments.....	1911	1,031	55.9	.1795			5	344	183	351	85	48	15			
	1912	990	55.8	.1785	3	13	330	136	299	92	57	10				
4 establishments.....	1911	1,031	55.9	.1795			5	344	183	351	85	48	15			
	1912	990	55.8	.1785	3	13	330	136	299	92	57	10				
Indiana:																
	1910	1,054	55.6	.1610	1	19	707	202	35	68	18	3	1			
8 establishments.....	1911	626	54.5	.1628			8	403	137	33	30	13	2			
	1912	615	54.5	.1629			8	394	136	33	29	13	2			
7 establishments.....	1911	615	54.5	.1629			8	394	136	33	29	13	2			
	1912	595	54.5	.1679			2	227	231	30	39	15	1			
Kansas:																
	1911	217	51.6	.1732			2	110	57	24	11	8	5			
2 establishments.....	1912	154	51.2	.1642				75	66	6			1			
Kentucky:																
	1911	268	58.6	.1478				262	6							
3 establishments.....	1912	289	58.4	.1500	16	4	173	95	1							
Massachusetts:																
	1910	163	53.1	.1961				43	68	4	15	11	22			
2 establishments.....	1911	149	53.1	.1945				28	67	13	17	14	8	2		
	1912	150	53.1	.1945				28	68	13	17	14	8	2		
2 establishments.....	1911	149	53.1	.1945				28	67	13	17	14	8	2		
	1912	177	53.2	.1916				32	86	14	19	20	2	4		
Minnesota:																
	1907	210	57.3	.1759				1	140	53	16					
	1908	145	57.5	.1684				44	68	27	6					
2 establishments.....	1909	268	57.8	.1677				54	161	38	15					
	1910	231	57.4	.1746					164	58	9					
	1910	231	57.4	.1746					164	58	9					
2 establishments.....	1911	231	57.2	.1695				72	81	61	17					
	1912	262	57.7	.1674				102	81	62	17					
3 establishments.....	1911	262	57.7	.1674				102	81	62	17					
	1912	257	57.8	.1752				5	176	52	24					
Missouri:																
	1907	56	55.8	.1473				54	2							
	1908	18	62.1	.1467				18								
2 establishments.....	1909	39	57.7	.1513				34	5							
	1910	45	59.6	.1516				38	7							
	1910	1,094	59.3	.1524	6	82	802	140	30	26	6	2				
7 establishments.....	1911	817	59.3	.1532	1	62	543	156	25	25	5					
	1912	834	59.2	.1535	1	62	543	173	25	25	5					
7 establishments.....	1911	834	59.2	.1535	1	62	543	173	25	25	5					
	1912	747	58.9	.1564			19	413	234	16	15					
New York:																
	1907	587	57.8	.1683			6	473	42	8	22	6	13	16	1	
	1908	223	55.1	.1825			2	156	20	4	11	15	24	1		
3 establishments.....	1909	468	55.9	.1663			4	316	65	17	41	19	6			
	1910	497	56.2	.1841			6	146	218	24	43	20	40			
	1910	557	55.9	.1807			6	186	238	24	43	20	40			
4 establishments.....	1911	526	55.6	.1873			2	123	242	31	74	19	33	2		
	1912	367	56.4	.1952			1	105	119	28	65	15	33	1		
2 establishments.....	1911	350	55.7	.2015				79	137	26	47	12	44	5		
	1912	350	55.7	.2015				79	137	26	47	12	44	5		
Ohio:																
	1910	1,390	53.7	.1772			2	380	698	69	157	51	32	1		
8 establishments.....	1911	710	53.2	.1836				186	288	73	109	29	25			
	1912	710	53.4	.1836				186	288	73	109	29	25			
8 establishments.....	1911	710	53.4	.1836				186	288	73	109	29	25			
	1912	629	54.1	.1883			1	94	296	68	116	26	28			

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

Occupation, 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.										
					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.															
Pennsylvania:															
3 establishments.....	1910	2,082	57.1	\$0.2042	3	12	729	488	83	222	248	224	22	1	
	1911	1,215	55.7	.2143		8	172	394	84	189	254	105	9		
8 establishments.....	1911	1,519	56.7	.1942		245	320	336	116	157	243	96	6		
	1912	1,956	57.4	.2072		190	466	411	104	237	299	226	23		
Tennessee:															
4 establishments.....	1910	329	58.4	.1325	44	178	92	9	4			2			
	1911	526	58.8	.1454	29	149	285	36	6	13	8				
5 establishments.....	1911	542	58.8	.1451	29	165	285	36	6	13	8				
	1912	416	58.8	.1386	33	142	226	13		2					
Texas:															
2 establishments.....	1907	349	60.0	.1647		2		323	23	1					
	1908	177	60.0	.1758		2		156		19					
	1909	230	57.7	.1743		3		212		15					
	1910	230	54.0	.1748		2	1	208		19					
4 establishments.....	1910	292	55.3	.1696		2	63	208		19					
	1911	340	55.1	.1703		2	62	257		19					
4 establishments.....	1911	340	55.1	.1703		2	62	257		19					
	1912	396	55.4	.1672	1	2	92	301							
Virginia:															
2 establishments.....	1910	341	60.0	.1539	63	6	216	13	6	17	12	8			
	1911	292	60.0	.1509	57	7	185	7	7	15	13	1			
3 establishments.....	1911	316	59.5	.1505	57	7	209	7	7	15	13	1			
	1912	375	55.2	.1662	47	16	90	173	3	8	15	23			
Wisconsin:															
2 establishments.....	1910	139	58.7	.1613			36	103							
	1911	128	58.7	.1617			32	95	1						
2 establishments.....	1911	128	58.7	.1617			32	95	1						
	1912	180	60.0	.1639			8	171	1						
MACHINE WOODWORKERS, MALE.															
Alabama:															
4 establishments.....	1910	45	54.0	.2559						11	30	4			
	1911	51	55.4	.2685						12	35	4			
4 establishments.....	1911	51	55.4	.2685						12	35	4			
	1912	55	54.0	.2921						2	32	21			
California:															
2 establishments.....	1907	60	54.0	.3154						1	11	48			
	1908	51	54.0	.3232							13	38			
	1909	58	54.0	.3241							11	45	2		
	1910	66	54.0	.3258							13	51	2		
2 establishments.....	1910	66	54.0	.3258							13	51	2		
	1911	54	54.0	.3318							9	39	6		
2 establishments.....	1911	54	54.0	.3318							9	39	6		
	1912	48	54.0	.3294							9	36	3		
Illinois:															
2 establishments.....	1907	176	53.9	.2869					3	22	69	82			
	1908	174	53.9	.2879			2	4	3	22	50	92	1		
	1909	128	53.8	.2881				5	1	18	38	63	2	1	
	1910	245	53.9	.2816				1	4	62	82	96			
5 establishments.....	1910	351	54.7	.2695			6	31	20	71	84	139			
	1911	244	55.1	.2873			2	36	16	21	20	142	7		
5 establishments.....	1911	244	55.1	.2873			2	36	16	21	20	142	7		
	1912	157	54.1	.3006			2	2	15	24	13	95	6		

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

Occupation, State, and number of establishments.	Year.	Number of employes.	Average nominal full-time hours per week.	Average rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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 WOODWORKERS, MALE—continued.																
Indiana:																
7 establishments.....	1910	151	55.6	\$0.2759				1	14	34	48	50	4			
	1911	126	54.7	.2655			2	11	38	37	37	37	1			
7 establishments.....	1911	126	54.7	.2655			2	11	38	37	37	37	1			
	1912	129	54.4	.2776			1	1	33	49	43	2				
Kansas:																
2 establishments.....	1911	38	51.1	.2968						7	14	17				
	1912	40	51.8	.2713						7	31	2				
Kentucky:																
3 establishments.....	1911	56	57.9	.2575						9	47					
	1912	55	58.0	.2760						8	35	12				
Massachusetts:																
2 establishments.....	1910	47	53.4	.2780						5	36	6				
	1911	55	53.5	.2839						4	41	10				
2 establishments.....	1911	53	53.4	.2830						3	42	8				
	1912	49	53.3	.2877						1	38	10				
Minnesota:																
2 establishments.....	1907	33	57.3	.2329					1	20	12					
	1908	26	57.8	.2388						1	14	11				
	1909	43	58.2	.2328					1	29	13					
	1910	34	57.9	.2391					1	21	12					
2 establishments.....	1910	34	57.9	.2391					1	21	12					
	1911	34	57.9	.2487						17	16	1				
3 establishments.....	1911	44	58.4	.2454						24	19	1				
	1912	43	58.5	.2474						24	18	1				
Missouri:																
7 establishments.....	1910	182	59.1	.2094			9	45	31	50	43	4				
	1911	180	59.0	.2119			4	58	24	46	43	5				
7 establishments.....	1911	180	59.0	.2119			4	58	24	46	43	5				
	1912	155	58.8	.2223			5	32	25	45	37	11				
New York:																
3 establishments.....	1907	75	57.6	.2384				3	8	9	25	16	14			
	1908	40	55.4	.2720					2	3	11	7	17			
	1909	64	56.8	.2599					5	5	23	10	20	1		
	1910	64	56.7	.2733					3	5	24	8	21	3		
4 establishments.....	1910	65	56.7	.2723					3	5	25	8	21	3		
	1911	59	56.6	.2761					3	4	18	13	20	1		
2 establishments.....	1911	53	56.9	.2793					3	4	15	10	20	1		
	1912	44	56.5	.3100					3	2	8	6	16	9		
Ohio:																
7 establishments.....	1910	197	54.6	.2702						6	66	67	51	7		
	1911	178	54.3	.2731						1	46	80	50	1		
7 establishments.....	1911	178	54.5	.2731						1	46	80	50	1		
	1912	115	54.4	.2862					1	3	20	37	54			
Pennsylvania:																
2 establishments.....	1910	52	55.8	.3731						1	2	1	34	14		
	1911	52	55.8	.3425						1	1	2	45	3		
8 establishments.....	1911	119	57.8	.2745					14	9	25	21	47	3		
	1912	120	58.3	.2866					12	8	19	22	56	3		
Tennessee:																
4 establishments.....	1910	77	58.5	.2489					9	7	22	28	11			
	1911	70	58.3	.2653					2	5	18	34	9	2		
5 establishments.....	1911	79	57.8	.2633					2	6	22	38	9	2		
	1912	71	57.8	.2782					1	1	12	30	27			

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

Occupation, 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.																		
					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 WOODWORKERS, MALE—concluded.																							
Texas:																							
2 establishments.....	1907	30	60.0	\$.2937								18	12										
	1908	20	60.0	.3120								3	17										
	1909	26	57.9	.3125								4	22										
	1910	23	54.0	.3183								2	21										
4 establishments.....	1910	34	55.9	.3022							5	4	25										
	1911	35	56.2	.3054							6	4	25										
4 establishments.....	1911	35	56.2	.3054							6	4	25										
	1912	29	56.7	.2981							7	4	18										
Virginia:																							
2 establishments.....	1910	31	60.0	.3321								6	23	2									
	1911	32	60.0	.3691								1	23	7	1								
3 establishments.....	1911	42	58.6	.3441							1	9	24	7	1								
	1912	48	55.3	.3451								14	28	4	1		1						
Wisconsin:																							
2 establishments.....	1910	81	59.6	.2276					1	69	11												
	1911	70	59.6	.2386						48	22												
2 establishments.....	1911	70	59.6	.2386						48	22												
	1912	90	60.0	.2378						65	25												
MACHINISTS, MALE.																							
Illinois:																							
5 establishments.....	1910	138	56.1	.3135							9	40	87	2									
	1911	90	55.5	.3213							6	24	54	6									
5 establishments.....	1911	78	55.8	.3184							6	24	42	6									
	1912	87	55.8	.3146							4	37	44	2									
Indiana:																							
6 establishments.....	1910	91	55.5	.3141							6	16	63	5	1								
	1911	72	55.1	.3010							5	28	39										
3 establishments.....	1911	64	55.7	.2995							5	25	34										
	1912	48	55.7	.3180					1	1	9	36	1										
Massachusetts:																							
2 establishments.....	1910	37	53.2	.2990								17	18	2									
	1911	41	53.2	.3139								13	26	1	1								
2 establishments.....	1911	38	53.2	.3190								10	26	1	1								
	1912	44	53.3	.3142							1	17	26										
Missouri:																							
4 establishments.....	1910	115	62.1	.2757					1	14	68	32											
	1911	98	59.4	.2935					1	15	36	43	3										
4 establishments.....	1911	98	59.4	.2935					1	15	36	43	3										
	1912	85	59.5	.2715							24	49	12										
New York:																							
4 establishments.....	1910	182	54.3	.2743							16	153	11	1	1								
	1911	251	54.1	.2884							16	207	27	1									
2 establishments.....	1911	26	55.4	.2950							4	13	8	1									
	1912	26	55.2	.3146							4	10	10	1	1								
Ohio:																							
6 establishments.....	1910	59	52.9	.2839							15	27	13	3	1								
	1911	50	53.1	.3010							12	19	13	3	3								
4 establishments.....	1911	33	54.6	.2758							9	19	5										
	1912	23	54.5	.2713							8	8	7										
Pennsylvania.																							
3 establishments.....	1911	152	57.9	.3062							39	42	48	23									
	1912	140	58.0	.3148				14	7	32	23	18	46										

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

Occupation, 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.										
					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.
PAINTERS, MALE.															
Alabama:															
4 establishments.....	1910	40	54.0	\$. 2469					1		19	14	6		
	1911	50	54.0	. 2469						8	19	19	4		
4 establishments.....	1911	50	54.0	. 2469						8	19	19	4		
	1912	70	54.0	. 2409							44	14	12		
California:															
2 establishments.....	1907	77	54.0	. 3137							3	18	56		
	1908	77	54.0	. 3244							2	14	59	2	
	1909	101	54.0	. 3194							3	24	71	3	
	1910	121	54.0	. 3177							3	26	90	2	
2 establishments.....	1910	121	54.0	. 3177							3	26	90	2	
	1911	111	54.0	. 3264							2	24	78	7	
2 establishments.....	1911	111	54.0	. 3264							2	24	78	7	
	1912	117	54.0	. 3359								12	93	12	
Illinois:															
2 establishments.....	1907	287	53.8	. 3150		1		5	12	41	57	136	28	7	
	1908	204	53.8	. 3215					5	26	30	137	6		
	1909	241	53.7	. 3220				2	6	27	31	156	19		
	1910	531	53.9	. 3381				1	9	61	74	250	130	3	3
5 establishments.....	1910	675	54.2	. 3224				8	12	110	136	268	135	3	3
	1911	863	54.1	. 3229			2		12	163	138	386	151	11	
5 establishments.....	1911	863	54.1	. 3229			2		12	163	138	386	151	11	
	1912	782	53.9	. 3273			2	4	19	125	107	370	146	9	
Indiana:															
7 establishments.....	1910	199	54.9	. 2612		1	5	25	22	44	28	74			
	1911	298	54.9	. 2897				14	36	56	62	97	33		
7 establishments.....	1911	289	54.9	. 2929				9	33	56	61	97	33		
	1912	136	54.0	. 3155				1	8	28	26	57	18		
Kansas:															
2 establishments.....	1911	74	51.5	. 3578				3		10	13	19	23	6	
	1912	73	51.9	. 3860					1	9	10	17	25	11	
Kentucky:															
3 establishments.....	1911	123	58.8	. 2261					25	71	24	3			
	1912	126	58.9	. 2401						84	36	6			
Massachusetts:															
2 establishments.....	1910	140	53.1	. 2618					6	52	59	22	1		
	1911	144	53.1	. 2753					3	26	85	30			
2 establishments.....	1911	151	53.1	. 2711				4	6	26	84	31			
	1912	170	53.2	. 2693				1	8	38	90	33			
Minnesota:															
2 establishments.....	1907	87	57.1	. 2437					6	36	44	1			
	1908	57	57.3	. 2508					6	17	31	3			
	1909	120	57.9	. 2331					39	30	49	2			
	1910	82	57.3	. 2533					4	29	45	4			
2 establishments.....	1910	82	57.3	. 2533					4	29	45	4			
	1911	98	57.2	. 2637						38	48	12			
3 establishments.....	1911	113	57.5	. 2573					1	51	49	12			
	1912	100	57.6	. 2592					1	40	51	8			
Missouri:															
2 establishments.....	1907	35	56.7	. 2564						14	17	4			
	1908	12	59.5	. 2535						6	4	2			
	1909	30	59.4	. 2542						11	15	4			
	1910	37	59.0	. 2531					1	15	15	6			
7 establishments.....	1910	261	58.3	. 2407		2	21	43	4	69	76	43	3		
	1911	283	58.6	. 2741		2	8	18	13	67	51	115	9		
7 establishments.....	1911	283	58.6	. 2741		2	8	18	13	67	51	115	9		
	1912	243	58.7	. 2513		1	11	46	4	55	39	83	3	1	

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

Occupation, 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.											
					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.	
					PAINTERS, MALE—concl'd.											
New York:																
2 establishments.....	1907	124	54.8	\$.4187	1	2	2		1	8	5	26	48	29	2	
	1908	107	54.0	.3466					1	6	17	68	15			
	1909	124	54.8	.3358	1	1		4	2	5	20	70	21			
4 establishments.....	1910	97	54.9	.3742		1	2		1	5	8	36	41	3		
	1911	122	54.7	.3370		1	6	3	5	19	8	36	41	3		
	1912	115	54.8	.3438			1	2	3	15	14	41	35	4		
2 establishments.....	1911	85	55.1	.3638			1		3	10	6	26	35	4		
	1912	86	54.4	.4002					2	1	32	51				
Ohio:																
8 establishments.....	1910	236	53.5	.3292			2	14	17	32	23	79	61	7	1	
	1911	199	53.4	.3276		1	1	7	12	31	30	55	58	4		
8 establishments.....	1911	199	53.4	.3276		1	1	7	12	31	30	55	58	4		
	1912	178	54.4	.3300			2	8	8	33	30	35	47	15		
Pennsylvania:																
3 establishments.....	1910	207	55.8	.3315			6	4	4	17	38	86	52			
	1911	114	55.0	.3580	2		4	5	2	4	10	30	57			
8 establishments.....	1911	276	57.6	.3214	2		6	9	4	50	46	91	65	3		
	1912	268	57.7	.3390			1		1	14	36	104	56	6		
Tennessee:																
4 establishments.....	1910	103	58.4	.2457				2	30	13	47	11				
	1911	132	58.6	.2436				4	43	22	44	16	2	1		
5 establishments.....	1911	143	58.3	.2448				4	43	26	49	18	2	1		
	1912	112	58.0	.2561				2	27	20	37	26				
Texas:																
2 establishments.....	1907	46	60.0	.2936						5	14	27				
	1908	22	60.0	.3155						1	5	16				
	1909	43	57.1	.3033						1	21	21				
	1910	43	54.0	.3074						2	13	28				
4 establishments.....	1910	66	56.1	.3058						5	18	43				
	1911	59	56.0	.3213						5	9	43	2			
4 establishments.....	1911	59	56.0	.3213						5	9	43	2			
	1912	69	55.3	.3088						7	16	45	1			
Virginia:																
2 establishments.....	1910	75	60.0	.3774				7		1	6	16	42	3		
	1911	64	60.0	.3516				1	1	2	7	16	35	2		
3 establishments.....	1911	72	59.3	.3815				1	1	2	7	24	35	2		
	1912	81	55.5	.4380						6	3	12	39	21		
Wisconsin:																
2 establishments.....	1910	119	59.8	.2455					1	54	62	2				
	1911	142	59.9	.2565					1	66	67	8				
2 establishments.....	1911	142	59.9	.2565					1	66	67	8				
	1912	168	60.0	.2521					1	89	70	8				
PIPE FITTERS, MALE.																
California:																
2 establishments.....	1910	60	54.0	.3042							26	34				
	1911	59	54.0	.3117							19	39	1			
2 establishments.....	1911	59	54.0	.3117							19	39	1			
	1912	68	54.0	.3206							14	52	2			
Illinois:																
5 establishments.....	1910	135	54.8	.3625				1	12	24	30	68				
	1911	174	54.5	.3863				1	11	23	37	100	2			
5 establishments.....	1911	174	54.5	.3863				1	11	23	37	100	2			
	1912	108	54.6	.3861					5	19	18	66				

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

Occupation, 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.											
					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.	
PIPE FITTERS, MALE—concluded.																
Indiana:																
7 establishments.....	1910	41	55.1	\$.2965					1	1	9	10	19	1		
	1911	54	54.5	.2928					1		13	20	13	7		
7 establishments.....	1911	54	54.5	.2928					1		13	20	13	7		
	1912	28	54.3	.3245					1	2	2	6	11	6		
Kentucky:																
3 establishments.....	1911	27	58.7	.3050								4	23			
	1912	28	58.1	.3141									2	26		
Massachusetts:																
2 establishments.....	1910	26	53.1	.2825							3	18	5			
	1911	27	53.1	.3013							3	5	19			
2 establishments.....	1911	27	53.1	.3013							3	5	19			
	1912	23	53.1	.3005							2	5	16			
Missouri:																
6 establishments.....	1910	49	59.1	.2498			2	1	2	13	23	8				
	1911	50	58.4	.2606							15	27	8			
6 establishments.....	1911	50	58.4	.2606							15	27	8			
	1912	58	58.2	.2315					12	5	12	24	5			
New York:																
4 establishments.....	1910	46	55.4	.2772				1	2	15	16	8	4			
	1911	58	55.1	.2633				4		21	23	8	2			
2 establishments.....	1911	31	56.1	.2850						11	12	6	2			
	1912	25	55.7	.3178						2	11	9	3			
Ohio:																
5 establishments.....	1910	73	54.0	.2934					3	15	22	24	7	2		
	1911	54	54.6	.3126						5	16	29	4			
4 establishments.....	1911	53	54.7	.3123						5	16	28	4			
	1912	34	54.8	.3573			1	2	1	1	3	16	6	3		
Pennsylvania:																
2 establishments.....	1910	37	55.8	.2985					3	4	12	16	2			
	1911	44	55.5	.3120					1	2	16	24	1			
4 establishments.....	1911	114	58.3	.3101		1	2		6	5	28	69	3			
	1912	54	57.4	.3298					2	2	11	31	8			
Tennessee:																
2 establishments.....	1910	24	55.9	.3176					1		5	17		1		
	1911	22	55.1	.3097						3	3	15	1			
3 establishments.....	1911	24	55.0	.3062							4	4	15	1		
	1912	21	54.5	.3345						1	2	18				
RIVETERS AND BUCKERS, MALE.																
Illinois:																
3 establishments.....	1910	347	55.5	.3734		1		24	8	49	54	67	58	66		
	1911	288	55.0	.3283		1		3	3	24	45	44	95	61		
3 establishments.....	1911	288	55.0	.3283		1		3	3	24	45	44	95	61		
	1912	344	55.6	.3428		1		3	18	41	80	89	97	15		
Indiana:																
2 establishments.....	1910	254	55.7	.2842			2	38	9	55	46	84	19	1		
	1911	105	55.6	.2755			3	5	3	22	33	38	1			
2 establishments.....	1911	105	55.6	.2755			3	5	3	22	33	38	1			
	1912	132	55.7	.3028		1	8	7	8	17	29	38	20	4		
Missouri:																
2 establishments.....	1910	159	59.7	.2225		3	2	33	19	64	27	11				
	1911	149	59.6	.2258			4	44	4	58	20	19				
2 establishments.....	1911	149	59.6	.2258			4	44	4	58	20	19				
	1912	126	59.9	.1934		2	4	10	39	6	59	6				

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

Occupation, 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.											
					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.	
RIVETERS AND BUCKERS, MALE—concluded.																
Ohio:																
2 establishments.....	1910	134	52.8	\$.4060		2	6	7	4	13	14	30	15	19	24	
	1911	57	51.7	.3425				1	1	7	9	25	12	1	1	
2 establishments.....	1911	57	51.7	.3425				1	1	7	9	25	12	1	1	
	1912	71	52.3	.2494				3	5	12	32	3	8	8		
Pennsylvania:																
2 establishments.....	1911	493	57.4	.2434	2	2	14	47	58	172	107	89	1	1		
	1912	512	57.7	.3177				4	10	112	95	215	76			
TINNERS, MALE.																
Illinois:																
5 establishments.....	1910	324	53.9	.3757					1	7	49	113	153	1		
	1911	302	54.0	.3820						3	21	136	140	1	1	
5 establishments.....	1911	302	54.0	.3820						3	21	136	140	1	1	
	1912	204	54.0	.3837				2		3	20	66	112	1		
Indiana:																
6 establishments.....	1910	40	54.8	.3188						5	9	23	3			
	1911	53	54.2	.3071					1	6	18	27	1			
5 establishments.....	1911	49	54.3	.3086					1	5	18	24	1			
	1912	33	53.8	.3507				2			7	17	5	2		
Massachusetts:																
2 establishments.....	1910	25	53.2	.2701						1	20	4				
	1911	22	53.2	.2887						1	15	6				
2 establishments.....	1911	22	53.2	.2887						1	15	6				
	1912	28	53.3	.2828						2	20	6				
Missouri:																
6 establishments.....	1910	38	58.5	.2790						10	11	16	1			
	1911	55	58.8	.2635					1	3	21	12	18			
7 establishments.....	1911	58	58.8	.2668					1	3	21	13	20			
	1912	64	57.4	.2349		2	1	25		5	10	21				
Ohio:																
5 establishments.....	1910	72	54.3	.3136						17	19	23	10	3		
	1911	68	54.1	.3257						6	15	38	9			
5 establishments.....	1911	68	54.1	.3257						6	15	38	9			
	1912	59	54.9	.3407						6	9	35	8		1	
Pennsylvania:																
2 establishments.....	1910	89	55.4	.3765							4	58	27			
	1911	81	55.3	.3843							4	50	27			
6 establishments.....	1911	118	56.9	.3612					1	3	16	70	28			
	1912	79	55.9	.3700					1	1	8	47	21		1	
Tennessee:																
3 establishments.....	1910	26	57.4	.3022						1	11	13	1			
	1911	27	57.3	.2961						1	12	14				
4 establishments.....	1911	30	57.0	.2980						1	12	17				
	1912	30	57.0	.3198							1	29				
Wisconsin:																
2 establishments.....	1910	22	59.7	.2605						3	17	2				
	1911	22	59.7	.2750							19	3				
2 establishments.....	1911	22	59.7	.2750							19	3				
	1912	14	54.4	.2807							12	2				
TRUCK BUILDERS, MALE.																
California:																
2 establishments.....	1907	29	54.0	.2733						1	19	9				
	1908	37	54.0	.2764							27	10				
	1909	38	54.0	.2789							28	10				
	1910	52	54.0	.2798							39	13				

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

Occupation, State, and number of establishments.	Year.	Number of employ-ees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.											
					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.	
					TRUCK BUILDERS, MALE—continued.											
California—Concluded.																
2 establishments.....	1910	52	54.0	\$0.2798								39	13			
	1911	45	54.0	.2811								33	12			
2 establishments.....	1911	45	54.0	.2811								33	12			
	1912	63	54.0	.2853							1	44	18			
Illinois:																
2 establishments.....	1907	154	53.7	.2710				17	14	28	44	44	7			
	1908	72	53.5	.2549				11	7	15	20	18	1			
	1909	63	53.6	.2589				13	2	12	18	18				
	1910	99	53.7	.2760				8	5	12	40	34				
5 establishments.....	1910	155	54.6	.2551			19	9	6	32	53	36				
	1911	213	54.2	.2686				24	5	36	82	66				
4 establishments.....	1911	189	54.2	.2676				24	5	35	65	60				
	1912	117	54.8	.3101			1	2	12	13	23	53	13			
Indiana:																
5 establishments.....	1910	56	54.9	.2539				1	5	5	15	20	10			
	1911	46	53.8	.2500				1	6	5	16	8	8	2		
6 establishments.....	1911	50	53.9	.2619				1	6	5	16	8	11	3		
	1912	64	53.8	.2780				2	5	2	25	12	6	12		
Kansas:																
2 establishments.....	1911	72	54.9	.2726							37	9	26			
	1912	73	55.2	.2801							37	6	30			
Massachusetts:																
2 establishments.....	1910	38	53.5	.2485							20	15	3			
	1911	33	53.2	.2520							27	4	2			
2 establishments.....	1911	33	53.2	.2520							27	4	2			
	1912	45	53.1	.2476							37	7	1			
Minnesota:																
2 establishments.....	1907	48	56.4	.2160							45	3				
	1908	33	56.5	.2226							26	7				
	1909	55	56.7	.2181							49	6				
	1910	70	56.8	.2190							64	6				
2 establishments.....	1910	70	56.8	.2190							64	6				
	1911	67	56.5	.2281							61	6				
2 establishments.....	1911	67	56.5	.2281							61	6				
	1912	59	56.4	.2284							53	6				
Missouri:																
2 establishments.....	1907	34	57.2	.2206							31	3				
	1908	21	56.6	.2264							19	2				
	1909	32	57.9	.2128							32	2				
	1910	40	58.5	.2205							38	2				
7 establishments.....	1910	180	62.0	.1961			2	35	29	25	80	8	1			
	1911	121	58.8	.2130				20	13	19	33	34	2			
6 establishments.....	1911	117	58.8	.2121				20	13	19	29	34	2			
	1912	103	58.4	.2110				3	25	24	19	32				
New York:																
4 establishments.....	1910	72	55.8	.2413				1	20	4	17	21	6	3		
	1911	63	56.0	.2341				2	9	6	30	11	3	2		
2 establishments.....	1911	45	56.8	.2346				2	4	5	24	8		2		
	1912	38	56.1	.2377					3	4	14	15	1	1		
Ohio:																
6 establishments.....	1910	162	52.4	.2882				1	3	7	54	30	59	7	1	
	1911	112	52.3	.2991							35	28	42	7		
5 establishments.....	1911	110	52.4	.2999							34	27	42	7		
	1912	107	53.9	.3059							3	3	20	20	56	5

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

Occupation, State, and number of establishments.	Year.	Number of employ-ees.	Aver- age nom- inal full- time hours per week.	Aver- age rate of wages per hour.	Number of employees earning each classified rate of wages per hour.																			
					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.									
TRUCK BUILDERS, MALE—concluded.																								
Pennsylvania:																								
2 establishments.....	1910	62	57.9	\$.2593			4	4	7	22	3	20	2											
	1911	38	53.0	.2346			5	10	1	8	7	5	2											
3 establishments.....	1911	62	55.7	.2553			5	11	1	10	24	9	2											
	1912	71	57.9	.2942			2			25	13	28	2											
Texas:																								
2 establishments.....	1907	57	60.0	.2095					38	9	3	7												
	1908	39	60.0	.2223						32	1	6												
	1909	43	54.8	.2171				1		36		6												
	1910	52	54.0	.2253						45		7												
4 establishments.....	1910	58	54.6	.2307						45	5	8												
	1911	51	54.7	.2390						39	3	9												
4 establishments.....	1911	51	54.7	.2390						39	3	9												
	1912	43	54.4	.2386						33	1	9												
UPHOLSTERERS, MALE.																								
California:																								
2 establishments.....	1910	39	54.0	.3347							1	38												
	1911	41	54.0	.3331							2	38	1											
2 establishments.....	1911	41	54.0	.3331							2	38	1											
	1912	48	54.0	.3363							3	38	7											
Illinois:																								
4 establishments.....	1910	135	53.9	.3602					1	4	12	94	24											
	1911	174	53.9	.3913						3	7	63	101											
4 establishments.....	1911	174	53.9	.3913						3	7	63	101											
	1912	144	53.6	.3988						2	8	40	94											
Missouri:																								
6 establishments.....	1910	35	58.1	.2832						2	30	3												
	1911	28	57.4	.2978							12	16												
6 establishments.....	1911	28	57.4	.2978							12	16												
	1912	24	58.2	.3027						1	7	16												
Ohio:																								
4 establishments.....	1910	82	54.5	.3298						11	11	43	17											
	1911	60	54.1	.3452						4	10	32	14											
4 establishments.....	1911	60	54.1	.3452						4	10	32	14											
	1912	41	54.7	.3781						1	2	21	17											
Pennsylvania:																								
2 establishments.....	1910	22	55.7	.3693							2	16	3	1										
	1911	21	55.6	.4010							2	6	12						1					
2 establishments.....	1911	21	55.6	.4010							2	6	12						1					
	1912	26	55.6	.4060							1	7	18											

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

[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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.	
Cabinetmakers, male:										
16 establishments.....	{ 1907	686	54.7	60	416	146	5	59	.....
	1908	520	54.6	61	354	52	5	48	.....
	1909	573	54.6	72	347	98	8	48	.....
	1910	658	54.6	73	399	125	7	54	.....
34 establishments.....	{ 1910	1,169	54.9	174	453	341	45	156	.....
	1911	1,155	56.0	179	425	356	50	145	.....
34 establishments.....	{ 1911	1,161	55.0	173	433	356	54	145	.....
	1912	1,183	54.9	146	579	261	56	141	.....
Carpenters and car builders, wood, male:										
20 establishments.....	{ 1907	4,139	55.6	257	2,297	562	214	791	18	
	1908	2,594	55.5	327	1,289	300	254	407	17	
	1909	3,323	55.8	272	1,551	469	323	699	4	
	1910	3,649	55.6	284	1,866	561	246	674	18	
55 establishments.....	{ 1910	8,156	56.3	689	2,756	1,321	1,072	2,300	18	
	1911	7,801	56.0	818	2,871	1,113	1,050	1,931	18	
63 establishments.....	{ 1911	7,979	56.1	818	3,152	888	964	2,139	18	
	1912	7,543	56.4	793	2,699	576	852	2,623	.....
Car repairers, male:										
16 establishments.....	{ 1907	2,332	56.7	265	443	683	234	670	37	
	1908	1,703	56.5	267	379	338	274	414	31	
	1909	2,111	55.6	341	714	486	217	345	8	
	1910	2,399	55.7	359	766	633	248	382	11	
48 establishments.....	{ 1910	6,877	55.9	872	2,709	733	616	1,930	17	
	1911	6,592	55.5	992	2,890	607	476	1,610	17	
58 establishments.....	{ 1911	7,539	55.9	982	2,989	748	561	2,242	17	
	1912	9,334	56.4	814	3,819	878	834	2,884	105	
Fitters, male:										
9 establishments.....	{ 1910	1,739	57.4	56	428	660	177	174	244	
	1911	1,478	55.3	135	632	394	153	164	.....
11 establishments.....	{ 1911	1,761	56.0	135	632	394	198	402	.....
	1912	1,700	56.6	64	521	427	231	457	.....
Laborers, male:										
20 establishments.....	{ 1907	4,671	56.0	336	1,960	939	94	1,342	.....
	1908	1,907	56.0	293	622	369	71	547	5	
	1909	2,963	55.8	421	1,154	533	158	697	.....
	1910	3,823	55.2	366	1,736	985	109	622	5	
60 establishments.....	{ 1910	10,114	56.1	966	2,657	3,134	1,281	1,903	173	
	1911	7,695	56.0	986	2,275	1,512	1,221	1,696	5	
68 establishments.....	{ 1911	8,001	56.2	986	2,197	1,486	1,159	2,168	5	
	1912	8,208	56.3	647	2,430	1,945	1,064	2,119	3	
Machine woodworkers, male:										
20 establishments.....	{ 1907	584	55.6	54	296	88	14	132	.....
	1908	473	54.9	63	275	59	16	60	.....
	1909	488	55.4	55	242	75	31	85	.....
	1910	602	55.0	54	387	66	22	73	.....
58 establishments.....	{ 1910	1,512	55.9	146	536	301	217	312	.....
	1911	1,331	56.0	141	430	256	191	313	.....
68 establishments.....	{ 1911	1,443	56.2	142	466	256	191	388	.....
	1912	1,268	56.1	141	401	210	164	352	.....
Machinists, male:										
12 establishments.....	{ 1907	308	56.0	42	95	59	.....	112	.....
	1908	259	54.2	43	157	51	.....	8	.....
	1909	304	54.3	44	194	55	.....	11	.....
	1910	342	54.3	42	212	77	.....	11	.....

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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
Machinists, male—Concluded.									
38 establishments.....	1910	860	55.3	158	339	187	74	71	31
	1911	889	54.4	207	376	152	78	76	.....
34 establishments.....	1911	588	56.7	54	133	145	78	178	.....
	1912	555	56.6	51	150	116	67	171	.....
Painters, male:									
19 establishments.....	1907	1,146	55.2	192	511	218	32	193	.....
	1908	874	54.8	196	420	116	25	117	.....
	1909	1,098	56.0	202	499	176	74	157	.....
	1910	1,348	54.8	189	809	176	35	139	.....
60 establishments.....	1910	2,664	55.5	385	1,045	462	251	521	.....
	1911	2,911	55.4	394	1,270	462	288	497	.....
69 establishments.....	1911	3,102	55.7	385	1,283	483	284	667	.....
	1912	2,846	55.5	344	1,278	392	193	637	2
Pipe fitters, male:									
18 establishments.....	1907	266	55.0	27	152	45	7	35	.....
	1908	222	54.7	27	141	30	7	17	.....
	1909	258	54.9	32	149	40	7	30	.....
	1910	303	54.8	34	188	39	7	35	.....
48 establishments.....	1910	593	55.2	96	242	107	72	74	2
	1911	651	54.9	93	305	124	59	70	.....
50 establishments.....	1911	678	55.7	68	288	124	53	145	.....
	1912	515	55.2	63	254	77	55	65	1
Riveters and buckers, male:									
14 establishments.....	1910	1,524	56.0	61	245	933	154	131	.....
	1911	802	55.3	176	234	126	158	108	.....
16 establishments.....	1911	1,160	56.7	181	238	126	158	457	.....
	1912	1,220	56.8	52	240	457	136	335	.....
Tinners, male:									
15 establishments.....	1907	228	54.5	36	117	61	1	13	.....
	1908	178	54.4	36	91	41	3	7	.....
	1909	280	54.5	43	156	62	5	14	.....
	1910	456	54.2	46	317	83	7	3	.....
48 establishments.....	1910	745	54.8	98	375	158	41	73	.....
	1911	745	54.9	99	351	168	39	88	.....
54 establishments.....	1911	785	55.2	99	350	168	38	130	.....
	1912	632	54.7	97	292	143	34	66	.....
Truck builders, male:									
14 establishments.....	1907	421	55.5	92	168	59	6	96	.....
	1908	276	55.2	79	99	42	5	51	.....
	1909	327	55.3	60	141	60	13	53	.....
	1910	393	55.2	43	204	77	18	51	.....
44 establishments.....	1910	1,011	56.1	170	351	180	90	163	57
	1911	907	55.0	168	390	126	63	160	.....
44 establishments.....	1911	943	55.4	166	357	130	71	219	.....
	1912	891	55.7	125	302	194	53	217	.....
Upholsterers, male:									
18 establishments.....	1907	231	54.6	31	143	36	2	19	.....
	1908	179	54.4	34	110	20	1	14	.....
	1909	196	54.6	33	114	30	4	15	.....
	1910	269	54.5	36	184	27	4	18	.....
42 establishments.....	1910	477	55.1	67	216	92	30	72	.....
	1911	500	54.9	69	261	77	23	70	.....
46 establishments.....	1911	506	54.9	89	246	77	23	71	.....
	1912	473	54.9	63	248	70	22	70	.....

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

PER CENT.

Occupation, sex, and number of establishments.	Year.	Number of employ-ees.	Average nomi-nal full-time hours per week.	Employees whose nominal full-time work- ing hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
Cabinetmakers, male:									
16 establishments.....	{ 1907	686	54.7	8.7	60.6	21.3	0.7	8.6	.....
	{ 1908	520	54.6	11.7	68.1	10.0	1.0	9.2	.....
	{ 1909	573	54.6	12.6	60.6	17.1	1.4	8.4	.....
	{ 1910	658	54.6	11.1	60.6	19.0	1.1	8.2	.....
34 establishments.....	{ 1910	1,169	54.9	14.9	38.8	29.2	3.8	13.3	.....
	{ 1911	1,155	56.0	15.5	36.8	30.8	4.3	12.6	.....
34 establishments.....	{ 1911	1,161	55.0	14.9	37.3	30.7	4.7	12.5	.....
	{ 1912	1,183	54.9	12.3	48.9	22.1	4.7	11.9	.....
Carpenters and car builders, wood, male:									
20 establishments.....	{ 1907	4,139	55.6	6.2	55.5	13.6	5.2	19.1	0.4
	{ 1908	2,594	55.5	12.6	49.7	11.6	9.8	15.7	.7
	{ 1909	3,323	55.8	8.3	46.7	14.1	9.7	21.0	.1
	{ 1910	3,649	55.6	7.8	51.1	15.4	6.7	18.5	.5
55 establishments.....	{ 1910	8,156	56.3	8.4	33.8	16.2	13.1	28.2	.2
	{ 1911	7,801	56.0	10.5	36.8	14.3	13.5	24.8	.2
63 establishments.....	{ 1911	7,979	56.1	10.3	39.5	11.1	12.1	26.8	.2
	{ 1912	7,543	56.4	10.5	35.8	7.6	11.3	34.8	.....
Car repairers, male:									
16 establishments.....	{ 1907	2,332	56.7	11.4	19.0	29.3	10.0	28.7	1.6
	{ 1908	1,703	56.5	15.7	22.3	19.8	16.1	24.3	1.8
	{ 1909	2,111	55.6	16.2	33.8	23.0	10.3	16.3	.4
	{ 1910	2,399	55.7	15.0	31.9	26.4	10.3	15.9	.5
48 establishments.....	{ 1910	6,877	55.9	12.7	39.4	10.7	9.0	28.1	.2
	{ 1911	6,592	55.5	15.0	43.8	9.2	7.2	24.4	.3
58 establishments.....	{ 1911	7,539	55.9	13.0	39.6	9.9	7.4	29.7	.2
	{ 1912	9,334	56.4	8.7	40.9	9.4	8.9	30.9	1.1
Fitters, male:									
9 establishments.....	{ 1910	1,739	57.4	3.2	24.6	38.0	10.2	10.0	14.0
	{ 1911	1,478	55.3	9.1	42.8	26.7	10.4	11.1	.....
11 establishments.....	{ 1911	1,761	56.0	7.7	35.9	22.4	11.2	22.8	.....
	{ 1912	1,700	56.6	3.8	30.6	25.1	13.6	26.9	.....
Laborers, male:									
20 establishments.....	{ 1907	4,671	56.0	7.2	42.0	20.1	2.0	28.7	.....
	{ 1908	1,907	56.0	15.4	32.6	19.3	3.7	28.7	.3
	{ 1909	2,963	55.8	14.2	38.9	18.0	5.3	23.5	.....
	{ 1910	3,823	55.2	9.6	45.4	25.8	2.9	16.3	.1
60 establishments.....	{ 1910	10,114	56.1	9.6	26.3	31.0	12.7	18.8	1.7
	{ 1911	7,695	56.0	12.8	29.6	19.6	15.9	22.0	.1
68 establishments.....	{ 1911	8,001	56.2	12.3	27.5	18.6	14.5	27.1	.1
	{ 1912	8,208	56.3	7.9	29.6	23.7	13.0	25.8	(¹)
Machine woodworkers, male:									
20 establishments.....	{ 1907	584	55.6	9.2	50.7	15.1	2.4	22.6	.....
	{ 1908	473	54.9	13.3	58.1	12.5	3.4	12.7	.....
	{ 1909	488	55.4	11.3	49.6	15.4	6.4	17.4	.....
	{ 1910	602	55.0	9.0	64.3	11.0	3.7	12.1	.....
58 establishments.....	{ 1910	1,512	55.9	9.7	35.4	19.9	14.4	20.6	.....
	{ 1911	1,331	56.0	10.6	32.3	19.2	14.4	23.5	.....
68 establishments.....	{ 1911	1,443	56.2	9.8	32.3	17.7	13.2	26.9	.....
	{ 1912	1,268	56.1	11.1	31.6	16.6	12.9	27.8	.....
Machinists, male:									
12 establishments.....	{ 1907	308	56.0	13.6	30.8	19.2	.....	36.4	.....
	{ 1908	259	54.2	16.6	60.6	19.7	.....	3.1	.....
	{ 1909	304	54.3	14.5	63.8	18.1	.....	3.6	.....
	{ 1910	342	54.3	12.3	62.0	22.5	.....	3.2	.....

¹ Less than one-tenth of 1 per cent.

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

PER CENT—Concluded.

Occupation, sex, and number of 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
Machinists, male—Concluded.									
38 establishments.....	{ 1910	860	55.3	18.4	39.4	21.7	8.6	8.3	3.6
	{ 1911	889	54.4	23.3	42.3	17.1	8.8	8.5	.....
34 establishments.....	{ 1911	588	56.7	9.2	22.6	24.7	13.3	30.3	.....
	{ 1912	555	56.6	9.2	27.0	20.9	12.1	30.8	.....
Painters, male:									
19 establishments.....	{ 1907	1,146	55.2	16.8	44.6	19.0	2.8	16.8	.....
	{ 1908	874	54.8	22.4	48.1	13.3	2.9	13.4	.....
	{ 1909	1,098	56.0	18.4	44.5	16.0	6.7	14.3	.....
	{ 1910	1,348	54.8	14.0	60.0	13.1	2.6	10.3	.....
60 establishments.....	{ 1910	2,664	55.5	14.5	39.2	17.3	9.4	19.6	.....
	{ 1911	2,911	55.4	13.5	43.6	15.9	9.9	17.1	.....
69 establishments.....	{ 1911	3,102	55.7	12.4	41.4	15.6	9.2	21.5	.....
	{ 1912	2,846	55.5	12.1	44.9	13.8	6.8	22.4	.1
Pipe fitters, male:									
18 establishments.....	{ 1907	266	55.0	10.2	57.1	16.9	2.6	13.2	.....
	{ 1908	222	54.7	12.2	63.5	13.5	3.2	7.7	.....
	{ 1909	258	54.9	12.4	57.8	15.5	2.7	11.6	.....
	{ 1910	303	54.8	11.2	62.0	12.9	2.3	11.6	.....
43 establishments.....	{ 1910	593	55.2	16.2	40.8	18.0	12.1	12.5	.3
	{ 1911	651	54.9	14.3	46.9	19.0	9.1	10.8	.....
50 establishments.....	{ 1911	678	55.7	10.0	42.5	18.3	7.8	21.4	.....
	{ 1912	515	55.2	12.2	49.3	15.0	10.7	12.6	.2
Riveters and buckers, male:									
14 establishments.....	{ 1910	1,524	56.0	4.0	16.1	61.2	10.1	8.6	.....
	{ 1911	802	55.3	21.9	29.2	15.7	19.7	13.5	.....
16 establishments.....	{ 1911	1,160	56.7	15.6	20.5	10.9	13.6	39.4	.....
	{ 1912	1,220	56.8	4.3	19.7	37.5	11.1	27.5	.....
Tinners, male:									
15 establishments.....	{ 1907	228	54.5	15.8	51.3	26.8	.4	5.7	.....
	{ 1908	178	54.4	20.2	51.1	23.0	1.7	3.9	.....
	{ 1909	280	54.5	15.4	55.7	22.1	1.8	5.0	.....
	{ 1910	456	54.2	10.1	69.5	18.2	1.5	.7	.....
43 establishments.....	{ 1910	745	54.8	13.2	50.3	21.2	5.5	9.8	.....
	{ 1911	745	54.9	13.3	47.1	22.6	5.2	11.8	.....
54 establishments.....	{ 1911	785	55.2	12.6	44.6	21.4	4.8	16.6	.....
	{ 1912	632	54.7	15.3	46.2	22.6	5.4	10.4	.....
Truck builders, male:									
14 establishments.....	{ 1907	421	55.5	21.9	39.9	14.0	1.4	22.8	.....
	{ 1908	276	55.2	28.6	35.9	15.2	1.8	13.5	.....
	{ 1909	327	55.3	18.3	43.1	18.3	4.0	16.2	.....
	{ 1910	393	55.2	10.9	51.9	19.6	4.6	13.0	.....
44 establishments.....	{ 1910	1,011	56.1	16.8	34.7	17.8	8.9	16.1	5.6
	{ 1911	907	55.0	18.5	43.0	13.9	6.9	17.6	.....
44 establishments.....	{ 1911	943	55.4	17.6	37.9	13.8	7.5	23.2	.....
	{ 1912	891	55.7	14.0	33.9	21.8	5.9	24.4	.....
Upholsterers, male:									
18 establishments.....	{ 1907	231	54.6	13.4	61.9	15.6	.9	8.2	.....
	{ 1908	179	54.4	19.0	61.5	11.2	.6	7.8	.....
	{ 1909	196	54.6	16.8	58.2	15.3	2.0	7.7	.....
	{ 1910	269	54.5	13.4	68.4	10.0	1.5	6.7	.....
42 establishments.....	{ 1910	477	55.1	14.0	45.3	19.3	6.3	15.1	.....
	{ 1911	500	54.9	13.8	52.2	15.4	4.6	14.0	.....
46 establishments.....	{ 1911	506	54.9	17.6	48.6	15.2	4.5	14.0	.....
	{ 1912	473	54.9	13.3	52.4	14.8	4.7	14.3	.....

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 employ-ees.	Aver- age nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1910.									
California.....	2	42	54.0		42				
Illinois.....	4	348	53.9	24	324				
Indiana.....	5	48	55.7			45		3	
Massachusetts.....	2	63	53.2	49	14				
Minnesota.....	2	21	57.0			14	7		
Missouri.....	4	51	58.5		7		35	9	
New York.....	3	27	54.0		27				
Ohio.....	3	210	55.1	9	28	173			
Pennsylvania.....	2	112	55.0			109	3		
Other States.....	7	247	56.0	92	11			144	
Total.....	34	1,169	54.9	174	453	341	45	156	
1911.									
California.....	2	35	54.0		35				
Illinois.....	4	321	53.9	25	296				
Indiana.....	5	51	55.4		3	48			
Massachusetts.....	2	79	53.2	62	17				
Minnesota.....	2	26	57.3			15	11		
Missouri.....	4	48	58.7		4		37	7	
Ohio.....	3	205	55.1	8	28	169			
Pennsylvania.....	2	130	55.1			124	6		
Other States.....	10	266	55.9	78	50			138	
Total.....	34	1,161	55.0	173	433	356	54	145	
1912.									
California.....	2	38	54.0		38				
Illinois.....	4	443	54.0	19	424				
Indiana.....	5	35	55.3		3	32			
Massachusetts.....	2	74	53.3	55	19				
Minnesota.....	2	19	56.9			13	6		
Missouri.....	4	55	58.5		7		41	7	
Ohio.....	3	122	55.1		26	96			
Pennsylvania.....	2	129	55.2			120	9		
Other States.....	10	268	55.9	72	62			134	
Total.....	34	1,183	54.9	146	579	261	56	141	

CARPENTERS AND CAR BUILDERS, WOOD: MALE.

1907.									
California.....	2	486	54.0		486				
Illinois.....	2	1,244	53.9	73	1,171				
Minnesota.....	2	342	57.9			128	214		
Missouri.....	2	120	57.6		78			24	18
New York.....	3	520	56.5		301				219
Texas.....	2	270	60.0						270
Other States.....	7	1,157	55.7	184	261	434		278	
Total.....	20	4,139	55.6	257	2,297	562	214	791	18
1908.									
California.....	2	350	54.0		350				
Illinois.....	2	583	53.9	75	508				
Minnesota.....	2	307	58.5			53	254		
Missouri.....	2	48	62.0		12			19	17
New York.....	3	259	54.8		225				34
Texas.....	2	192	60.0						192
Other States.....	7	855	54.9	252	194	247		162	
Total.....	20	2,594	55.5	327	1,289	300	254	407	17

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

CARPENTERS AND CAR BUILDERS, WOOD: 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 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1909.									
California.....	2	393	54.0		393				
Illinois.....	2	617	53.8	94	523				
Minnesota.....	2	404	58.4			81	323		
Missouri.....	2	148	57.6		65			79	4
New York.....	3	505	57.5		211				294
Texas.....	2	233	56.3		143				90
Other States.....	7	1,023	55.6	183	216	388			236
Total.....	20	3,323	55.8	277	1,551	469	323	699	4
1910.									
Alabama.....	4	57	54.0		57				
California.....	2	429	54.0		429				
Illinois.....	4	1,630	55.0	113	1,178		339		
Indiana.....	5	285	54.2	38		239	8		
Massachusetts.....	2	227	53.2	171	56				
Minnesota.....	2	345	58.1			99	246		
Missouri.....	7	1,167	59.1		159		231	759	18
New York.....	4	559	57.4		240			319	
Ohio.....	6	772	54.1	163	117	492			
Pennsylvania.....	3	634	55.8			491	143		
Tennessee.....	4	186	58.2		38		105		
Texas.....	4	343	55.9		237			106	
Virginia.....	2	136	60.0					136	
Wisconsin.....	2	676	59.9		8			668	
Other States.....	4	710	55.1	204	237			269	
Total.....	55	8,156	56.3	689	2,756	1,321	1,072	2,300	18
1911.									
Alabama.....	4	194	54.0		194				
California.....	2	397	54.0		397				
Illinois.....	4	1,453	54.9	111	1,070		272		
Indiana.....	5	315	54.0	54		255	6		
Kansas.....	2	335	52.0	267				68	
Kentucky.....	3	404	57.6		161			243	
Massachusetts.....	2	245	53.2	193	52				
Minnesota.....	3	389	58.1			113	270	6	
Missouri.....	7	797	58.5		183		241	355	18
New Jersey.....	2	134	54.0		134				
New York.....	2	527	57.9		183			344	
Ohio.....	6	665	53.6	184	93	388			
Pennsylvania.....	6	323	56.8	9	48	132		134	
Tennessee.....	5	357	57.4		128		175	54	
Texas.....	4	341	55.5		254			87	
Virginia.....	3	213	57.7		83			130	
Wisconsin.....	2	726	59.9		8			718	
Other States.....	1	164	54.0		164				
Total.....	63	7,979	56.1	818	3,152	888	964	2,139	18
1912.									
Alabama.....	4	23	54.0		23				
California.....	2	426	54.0		426				
Illinois.....	4	1,202	54.7	110	791		301		
Indiana.....	5	298	54.1	56		242			
Kansas.....	2	318	51.5	269				49	
Kentucky.....	3	380	58.6		87			293	
Massachusetts.....	2	261	53.3	195	66				
Minnesota.....	3	327	58.1			105	216	6	
Missouri.....	7	1,100	58.8		187		170	743	
New Jersey.....	2	138	54.2		133			5	

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

CARPENTERS AND CAR BUILDERS, WOOD: 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1912—Concluded.									
New York.....	2	388	56.6		219			169	
Ohio.....	6	338	52.5	163	77	98			
Pennsylvania.....	6	411	58.4			131		230	
Tennessee.....	5	308	57.0		125		165	18	
Texas.....	4	403	55.4		307			96	
Virginia.....	3	206	56.1		133			73	
Wisconsin.....	2	851	60.0					891	
Other States.....	1	125	54.0		125				
Total.....	63	7,543	56.4	793	2,699	576	852	2,623	

CAR REPAIRERS: MALE.

1907.									
California.....	2	235	54.0		235				
Minnesota.....	2	260	58.7			26	234		
New York.....	2	93	57.0		46			47	
Texas.....	2	176	60.0					176	
Other States.....	8	1,568	56.3	265	162	657		447	37
Total.....	15	2,332	56.7	265	443	683	234	670	37
1908.									
California.....	2	146	54.0		146				
Minnesota.....	2	296	58.8			22	274		
New York.....	2	104	54.0		104				
Texas.....	2	115	60.0					115	
Other States.....	8	1,042	56.1	267	129	316		299	31
Total.....	15	1,703	56.5	267	379	338	274	414	31
1909.									
California.....	2	201	54.0		201				
Minnesota.....	2	233	58.6			36	217		
New York.....	2	133	54.0		133				
Texas.....	2	135	56.1		88			47	
Other States.....	8	1,389	55.5	341	292	450		298	8
Total.....	15	2,111	55.6	341	714	486	217	345	8
1910.									
Alabama.....	4	767	54.0		767				
California.....	2	199	54.0		199				
Illinois.....	4	655	53.7	195	460				
Indiana.....	5	587	56.4	116		114	71	256	
Minnesota.....	2	292	58.5			44	248		
Missouri.....	5	193	56.9		122		34	20	17
New York.....	3	174	54.0		174				
Ohio.....	6	738	52.7	250	446	42			
Tennessee.....	4	523	57.1		206		263	54	
Texas.....	4	346	57.1		165			181	
Virginia.....	2	562	60.0					562	
Wisconsin.....	2	624	58.6		149			475	
Other States.....	5	1,247	55.6	311	21	533		382	
Total.....	48	6,877	55.9	872	2,709	733	616	1,930	17

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

CAR REPAIRERS: MALE—Concluded.

Year and State.	Number of establishments.	Number of employes.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1911.									
Alabama.....	4	681	54.0		681				
California.....	2	109	54.0		109				
Illinois.....	4	764	53.5	362	402				
Indiana.....	5	510	53.5	115	233	90	72		
Kansas.....	2	154	50.3	150					4
Kentucky.....	3	409	53.8		79				330
Minnesota.....	3	445	59.1			46	207		192
Missouri.....	5	195	57.7		92		70		16
New Jersey.....	2	59	54.0		59				
Ohio.....	6	672	52.3	223	449				
Pennsylvania.....	6	1,211	56.9		77	612	86		436
Tennessee.....	4	467	56.5		249		126		92
Texas.....	4	294	57.0		148				146
Virginia.....	3	571	59.4		55				516
Wisconsin.....	2	746	58.1		236				510
Other States.....	3	252	53.5	132	120				
Total.....	58	7,539	55.9	982	2,989	748	561	2,242	17
1912.									
Alabama.....	4	1,155	54.0		1,185				
California.....	2	221	54.0						
Illinois.....	4	574	53.5	293	281				
Indiana.....	5	567	53.8	80	274	213			
Kansas.....	2	165	50.4	158					7
Kentucky.....	3	577	58.5		154				423
Minnesota.....	3	609	59.4			39	232		333
Missouri.....	5	803	56.9		130		153		15
New Jersey.....	2	54	56.8		29				25
Ohio.....	6	698	55.9	62	474	113			49
Pennsylvania.....	6	1,600	58.7			513	266		765
Tennessee.....	4	609	56.9		286		178		145
Texas.....	4	404	57.3		183				221
Virginia.....	3	565	55.3		447				118
Wisconsin.....	2	827	60.0						827
Other States.....	3	376	53.4	221	155				
Total.....	58	9,334	56.4	814	3,819	878	834	2,884	105

FITTERS: MALE.

1910.									
Illinois.....	2	598	55.8		428		145		23
Indiana.....	2	266	55.7			266			
Missouri.....	2	206	59.8				32	174	
Ohio.....	2	216	53.9	56		160			
Other States.....	1	453	60.9			234			219
Total.....	9	1,739	57.4	56	428	660	177	174	244
1911.									
Illinois.....	2	699	54.5		632		67		
Indiana.....	2	238	55.6			233			
Missouri.....	2	250	59.7				86	164	
Ohio.....	2	187	54.5	31		156			
Pennsylvania.....	2	342	57.3	104				238	
Other States.....	1	45	59.0				45		
Total.....	11	1,761	56.0	135	632	394	198	402	

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

FITTERS: 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1912.									
Illinois.....	2	712	55.3		521		191		
Indiana.....	2	166	55.7			166			
Missouri.....	2	219	59.9				18	201	
Ohio.....	2	130	53.0	64		66			
Pennsylvania.....	2	451	58.3			195		256	
Other States.....	1	22	59.0				22		
Total.....	11	1,700	56.6	64	521	427	231	457	

LABORERS: MALE.

1907.									
California.....	2	230	54.0		230				
Illinois.....	2	1,477	53.9	200	1,277				
Minnesota.....	2	210	57.3			116	94		
Missouri.....	2	56	55.8		39			17	
New York.....	3	587	57.8		217			370	
Texas.....	2	349	60.0					349	
Other States.....	7	1,762	56.5	136	197	823		606	
Total.....	20	4,671	56.0	336	1,960	939	94	1,342	
1908.									
California.....	2	160	54.0		160				
Illinois.....	2	295	53.5	135	160				
Minnesota.....	2	145	57.5			74	71		
Missouri.....	2	18	62.1		2			11	5
New York.....	3	233	55.1		189			44	
Texas.....	2	177	60.0					177	
Other States.....	7	879	56.2	158	111	295		315	
Total.....	20	1,907	56.0	293	622	369	71	547	5
1909.									
California.....	2	222	54.0		222				
Illinois.....	2	492	53.5	230	262				
Minnesota.....	2	268	57.8			110	158		
Missouri.....	2	39	57.7		15			24	
New York.....	3	468	55.9		321			147	
Texas.....	2	230	57.7		87			143	
Other States.....	7	1,244	56.0	191	247	423		333	
Total.....	20	2,963	55.8	421	1,154	533	158	697	
1910.									
Alabama.....	4	339	54.0		389				
California.....	2	201	54.0		201				
Illinois.....	4	1,448	55.2	219	827		402		
Indiana.....	8	1,054	55.6	72		826	80	76	
Massachusetts.....	2	163	53.1	147	16				
Minnesota.....	2	231	57.4			122	109		
Missouri.....	7	1,094	59.3		97		376	603	18
New York.....	4	557	55.9		378			179	
Ohio.....	8	1,390	53.7	331	234	775			
Pennsylvania.....	3	2,032	57.1			1,411	163	293	155
Tennessee.....	4	329	58.4		64		146	119	
Texas.....	4	292	55.3		230			62	
Virginia.....	2	341	60.0					341	
Wisconsin.....	2	139	58.7		30			109	
Other States.....	4	454	54.2	147	191			116	
Total.....	60	10,114	56.1	966	2,657	3,134	1,281	1,903	173

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 employ-ees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1911.									
Alabama.....	4	356	54.0		356				
California.....	2	165	54.0		165				
Illinois.....	4	1,031	55.9	212	391		428		
Indiana.....	7	615	54.5	80	88	396	51		
Kansas.....	2	217	51.6	183				34	
Kentucky.....	3	268	58.6		63			205	
Massachusetts.....	2	150	53.1	130	20				
Minnesota.....	3	262	57.7			126	96	40	
Missouri.....	7	834	59.2		87		234	508	5
New York.....	2	367	56.4		223			144	
Ohio.....	8	710	53.4	195	205	310			
Pennsylvania.....	8	1,519	56.7	186	33	654	39	607	
Tennessee.....	5	542	58.8		55		311	176	
Texas.....	4	340	55.1		279			61	
Virginia.....	3	316	59.5		24			292	
Wisconsin.....	2	128	58.7		27			101	
Other States.....	2	181	54.0		181				
Total.....	68	8,001	56.2	986	2,197	1,486	1,159	2,168	5
1912.									
Alabama.....	4	390	54.0		390				
California.....	2	111	54.0		111				
Illinois.....	4	900	55.8	211	341		438		
Indiana.....	7	595	54.5	59	116	420			
Kansas.....	2	154	51.2	135				19	
Kentucky.....	3	289	58.4		77			212	
Massachusetts.....	2	177	53.2	145	32				
Minnesota.....	3	257	57.8			116	101	40	
Missouri.....	7	747	58.9		105		193	449	
New York.....	2	350	55.7		253			97	
Ohio.....	8	629	54.1	97	157	375			
Pennsylvania.....	8	1,956	57.4			1,034	132	787	3
Tennessee.....	5	416	58.8		51		200	165	
Texas.....	4	396	55.4		304			92	
Virginia.....	3	375	55.2		297			78	
Wisconsin.....	2	180	60.0					180	
Other States.....	2	196	54.0		196				
Total.....	68	8,208	56.3	647	2,430	1,945	1,064	2,119	3

MACHINE WOODWORKERS: MALE.

1907.								
California.....	2	60	54.0		60			
Illinois.....	2	176	53.9	26	150			
Minnesota.....	2	33	57.3			19	14	
New York.....	3	75	57.6		30			45
Texas.....	2	30	60.0					30
Other States.....	9	210	55.8	23	56	69		57
Total.....	20	584	55.6	54	296	88	14	132
1908.								
California.....	2	51	54.0		51			
Illinois.....	2	174	53.9	25	149			
Minnesota.....	2	26	57.8			10	16	
New York.....	3	40	55.4		31			9
Texas.....	2	20	60.0					20
Other States.....	9	162	55.0	38	44	49		31
Total.....	20	473	54.9	63	275	59	16	60

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

MACHINE WOODWORKERS: 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 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1909.									
California.....	2	58	54.0		58				
Illinois.....	2	128	53.8	28	100				
Minnesota.....	2	43	58.2			12	31		
New York.....	3	64	56.8		34				30
Texas.....	2	26	57.9		9				17
Other States.....	9	169	55.5	27	41	63			38
Total.....	20	488	55.4	55	242	75	31		85
1910.									
Alabama.....	4	45	54.0		45				
California.....	2	66	54.0		66				
Illinois.....	5	351	54.7	27	266		58		
Indiana.....	7	151	55.6	11		112	14		14
Massachusetts.....	2	47	53.4	27	20				
Minnesota.....	2	34	57.9			12	22		
Missouri.....	7	182	59.1		15		79		88
New York.....	4	65	56.7		36				29
Ohio.....	7	197	54.6	22	37	133			
Pennsylvania.....	2	52	55.8			39	13		
Tennessee.....	4	77	58.5		14		31		32
Texas.....	4	34	55.9		23				11
Virginia.....	2	31	60.0						31
Wisconsin.....	2	81	59.6		5				76
Other States.....	4	99	53.5	59	9				31
Total.....	58	1,512	55.9	146	536	301	217		312
1911.									
Alabama.....	4	51	55.4		39				12
California.....	2	54	54.0		54				
Illinois.....	5	244	55.1	29	157		58		
Indiana.....	7	126	54.7	12	19	85	10		
Kansas.....	2	38	51.1	34					4
Kentucky.....	3	56	57.9		20				36
Massachusetts.....	2	53	53.4	30	23				
Minnesota.....	3	44	58.4			12	22		10
Missouri.....	7	180	59.0		19		61		100
New York.....	2	53	56.9		27				26
Ohio.....	7	178	54.5	22	35	121			
Pennsylvania.....	8	119	57.8	1	5	38	14		61
Tennessee.....	5	79	57.8		24		23		29
Texas.....	4	35	56.2		22				13
Virginia.....	3	42	58.6		10				32
Wisconsin.....	2	70	59.6		5				65
Other States.....	2	21	51.3	14	7				
Total.....	68	1,443	56.2	142	466	256	191		388
1912.									
Alabama.....	4	55	54.0		55				
California.....	2	48	54.0		48				
Illinois.....	5	157	54.1	31	85		41		
Indiana.....	7	129	54.4	17	16	93			
Kansas.....	2	40	51.8	33					7
Kentucky.....	3	55	58.0		18				37
Massachusetts.....	2	49	53.3	34	15				
Minnesota.....	3	43	58.5			11	22		10
Missouri.....	7	155	58.8		19		69		67
New York.....	2	44	56.5		26				18

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

MACHINE WOODWORKERS: 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1912—Concluded.									
Ohio.....	7	115	54.4	12	36	67	.....	.....
Pennsylvania.....	8	120	58.3	.....	.....	36	11	73
Tennessee.....	5	71	57.8	.....	23	.....	21	27
Texas.....	4	29	56.7	.....	16	.....	.....	13
Virginia.....	3	48	55.3	.....	38	.....	.....	10
Wisconsin.....	2	90	60.0	.....	.....	.....	.....	90
Other States.....	2	20	51.2	14	6	.....	.....	.....
Total.....	68	1,268	56.1	141	401	210	164	352	

MACHINISTS: MALE.

1910.								
Illinois.....	5	138	56.1	13	77	.....	42	6
Indiana.....	6	91	55.5	3	.....	87	1	.....
Massachusetts.....	2	37	53.2	29	8	.....	.....	.....
Missouri.....	4	115	62.1	.....	5	.....	24	61
New York.....	4	182	54.3	.....	174	.....	.....	8
Ohio.....	6	59	52.9	23	13	22	.....	.....
Other States.....	11	238	53.0	90	62	77	7	2
Total.....	38	860	55.3	158	339	187	74	31
1911.								
Illinois.....	5	78	55.8	16	31	.....	31	.....
Indiana.....	3	64	55.7	.....	.....	63	1	.....
Massachusetts.....	2	38	53.2	32	6	.....	.....	.....
Missouri.....	4	98	59.4	.....	5	.....	25	68
New York.....	2	26	55.4	.....	20	.....	.....	6
Ohio.....	4	33	54.6	3	8	22	.....	.....
Pennsylvania.....	3	152	57.9	.....	2	60	.....	90
Other States.....	11	99	55.8	3	61	.....	21	14
Total.....	34	588	56.7	54	133	145	78	178
1912.								
Illinois.....	5	87	55.8	15	38	.....	34	.....
Indiana.....	3	48	55.7	.....	.....	43	.....	.....
Massachusetts.....	2	44	53.3	30	14	.....	.....	.....
Missouri.....	4	85	59.5	.....	4	.....	17	64
New York.....	2	26	55.2	.....	21	.....	.....	5
Ohio.....	4	23	54.5	2	8	13	.....	.....
Pennsylvania.....	3	140	58.0	.....	.....	55	1	84
Other States.....	11	102	55.6	4	65	.....	15	18
Total.....	34	555	56.6	51	150	116	67	171

PAINTERS: MALE.

1907.								
California.....	2	77	54.0	.....	77	.....	.....	.....
Illinois.....	2	287	53.8	63	224	.....	.....	.....
Minnesota.....	2	87	57.1	.....	.....	55	32	.....
Missouri.....	2	35	56.7	.....	19	.....	.....	16
New York.....	2	124	54.8	.....	107	.....	.....	17
Texas.....	2	46	60.0	.....	.....	.....	.....	46
Other States.....	7	490	55.5	129	84	163	.....	114
Total.....	19	1,146	55.2	192	511	213	32	193

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

PAINTERS: 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 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1908.									
California.....	2	77	54.0		77				
Illinois.....	2	204	53.8	44	160				
Minnesota.....	2	57	57.3			32	25		
Missouri.....	2	12	59.5		1			11	
New York.....	2	107	54.0		107				
Texas.....	2	22	60.0					22	
Other States.....	7	395	55.0	152	75	84		84	
Total.....	19	874	54.8	196	420	116	25	117	
1909.									
California.....	2	101	54.0		101				
Illinois.....	2	241	53.7	69	172				
Minnesota.....	2	120	57.9			46	74		
Missouri.....	2	30	59.4		3			27	
New York.....	2	124	54.8		108			16	
Texas.....	2	43	57.1		21			22	
Other States.....	7	439	57.3	133	84	130		92	
Total.....	19	1,098	56.0	202	489	176	74	157	
1910.									
Alabama.....	4	40	54.0		40				
California.....	2	121	54.0		121				
Illinois.....	5	675	54.2	59	565		51		
Indiana.....	7	199	54.9	31		137	9	22	
Massachusetts.....	2	140	53.1	130	10				
Minnesota.....	2	82	57.3			47	35		
Missouri.....	7	261	58.3		38		103	120	
New York.....	4	122	54.7		108			14	
Ohio.....	8	236	53.5	68	66	102			
Pennsylvania.....	3	207	55.8			176	31		
Tennessee.....	4	103	58.4		24		22	57	
Texas.....	4	66	56.1		43			23	
Virginia.....	2	75	60.0					75	
Wisconsin.....	2	119	59.8		3			116	
Other States.....	4	218	54.8	97	27			94	
Total.....	60	2,664	55.5	385	1,045	462	251	521	
1911.									
Alabama.....	4	50	54.0		50				
California.....	2	111	54.0		111				
Illinois.....	5	863	54.1	58	771		34		
Indiana.....	7	289	54.9	25	14	241	9		
Kansas.....	2	74	51.5	63				11	
Kentucky.....	3	123	58.8		25			98	
Massachusetts.....	2	151	53.1	131	20				
Minnesota.....	3	113	57.5			60	38	15	
Missouri.....	7	283	58.6		45		148	90	
New York.....	2	85	55.1		69			16	
Ohio.....	8	199	53.4	57	58	84			
Pennsylvania.....	8	276	57.6	16	1	98	17	144	
Tennessee.....	5	143	58.3		35		38	70	
Texas.....	4	59	56.0		39			29	
Virginia.....	3	72	59.3		8			64	
Wisconsin.....	2	142	59.9		3			139	
Other States.....	2	69	52.0	35	34				
Total.....	69	3,102	55.7	385	1,283	483	284	667	

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

PAINTERS: MALE—Concluded.

Year and State.	Number of establishments.	Number of employ-ees.	Average nomi-nal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1912.									
Alabama.....	4	70	54.0		79				
California.....	2	117	54.0		117				
Illinois.....	5	782	53.9	47	700		35		
Indiana.....	7	136	54.0	34	7	95			
Kansas.....	2	73	51.9	59				14	
Kentucky.....	3	126	58.9		23				163
Massachusetts.....	2	170	53.2	142	28				
Minnesota.....	3	100	57.6			51	34		15
Missouri.....	7	243	58.7		38		77		128
New York.....	2	86	54.4		80				6
Ohio.....	8	178	54.4	19	43	116			
Pennsylvania.....	8	268	57.7			130	25	111	2
Tennessee.....	5	112	58.0		33		22		57
Texas.....	4	69	55.3		54				15
Virginia.....	3	81	55.5		61				29
Wisconsin.....	2	168	60.0					168	
Other States.....	2	67	51.4	43	24				
Total.....	69	2,846	55.5	344	1,278	392	193	637	2

PIPE FITTERS: MALE.

1910.									
California.....	2	60	54.0		60				
Illinois.....	5	135	54.8		101		24		
Indiana.....	7	41	55.1	10	6	28	2		5
Massachusetts.....	2	26	53.1	24	2				
Missouri.....	6	49	59.1		8		20		19
New York.....	4	46	55.4		35				11
Ohio.....	5	73	54.0	16	14	43			
Pennsylvania.....	2	37	55.8			27	10		
Tennessee.....	2	24	55.9		15		9		
Other States.....	13	102	55.2	40	7	9	7		39
Total.....	48	593	55.2	96	242	107	72	74	2
1911.									
California.....	2	59	54.0		59				
Illinois.....	5	174	54.5	10	145		19		
Indiana.....	7	54	54.5	7	4	42	1		
Kentucky.....	3	27	58.7		6			21	
Massachusetts.....	2	27	53.1	24	3				
Missouri.....	6	50	58.4		10		19		21
New York.....	2	31	56.1		20				11
Ohio.....	4	53	54.7	4	12	37			
Pennsylvania.....	4	114	58.3		2	36	2	74	
Tennessee.....	3	24	55.0		19		5		
Other States.....	12	65	55.1	23	8	9	7		18
Total.....	50	678	55.7	68	288	124	53	145	
1912.									
California.....	2	68	54.0		68				
Illinois.....	5	108	54.6	8	86		14		
Indiana.....	7	28	54.3	5	4	19			
Kentucky.....	3	28	58.1		9				19

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

PIPE FITTERS: MALE—Concluded.

Year and State.	Number of establishments.	Number of employ-ees.	Average nominal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1912—Concluded.									
Massachusetts.....	2	23	53.1	21	2				
Missouri.....	6	58	58.2		12		32	14	
New York.....	2	25	55.7		18			7	
Ohio.....	4	34	54.8		14	20			
Pennsylvania.....	4	54	57.4			30	4	19	1
Tennessee.....	3	21	54.5		19		2		
Other States.....	12	68	53.3	29	22	8	3	6	
Total.....	50	515	55.2	63	254	77	55	65	1

RIVETERS AND BUCKERS: MALE.

1910.									
Illinois.....	3	347	55.5		244		103		
Indiana.....	2	254	55.7			254			
Missouri.....	2	159	59.7				48	111	
Ohio.....	2	134	52.8	61		73			
Other States.....	5	630	56.1		1	606	3	20	
Total.....	14	1,524	56.0	61	245	933	154	131	
1911.									
Illinois.....	3	288	55.0		233		55		
Indiana.....	2	105	55.6			105			
Missouri.....	2	149	59.6				58	91	
Ohio.....	2	57	51.7	39		21			
Pennsylvania.....	2	493	57.4	140				353	
Other States.....	5	68	58.4	5	5		45	13	
Total.....	16	1,160	56.7	181	238	126	158	457	
1912.									
Illinois.....	3	344	55.6		237		107		
Indiana.....	2	132	55.7			132			
Missouri.....	2	129	59.9				10	116	
Ohio.....	2	71	52.3	43		25			
Pennsylvania.....	2	512	57.7			360		212	
Other States.....	5	35	57.7	6	3		19	7	
Total.....	15	1,229	56.8	52	250	457	136	335	

TINNERS: MALE.

1910.									
Illinois.....	5	324	53.9	25	239				
Indiana.....	0	49	54.8	7				4	
Massachusetts.....	2	25	53.2	21	4	29			
Missouri.....	6	38	58.5		6		22	19	
Ohio.....	5	72	54.3	11	15	46			
Pennsylvania.....	2	89	55.4			78	11		
Tennessee.....	3	23	57.4		11		1	14	
Wisconsin.....	2	22	59.7		1			21	
Other States.....	17	109	54.5	34	39	5	7	24	
Total.....	49	745	54.8	98	375	158	41	73	

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

TINNERS: 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1911.									
Illinois.....	5	302	54.0	31	264		7		
Indiana.....	5	49	54.3	8		41			
Massachusetts.....	2	22	53.2	18	4				
Missouri.....	7	58	58.8		8		21	29	
Ohio.....	5	68	54.1	13	14	41			
Pennsylvania.....	6	118	56.9			72	5	41	
Tennessee.....	4	30	57.0		15		1	14	
Wisconsin.....	2	22	59.7		1			21	
Other States.....	18	116	54.7	29	44	14	4	25	
Total.....	54	785	55.2	99	350	168	38	130	
1912.									
Illinois.....	5	204	54.0	30	170		4		
Indiana.....	5	33	53.8	10		23			
Massachusetts.....	2	28	53.3	20	8				
Missouri.....	7	64	57.4		9		25	30	
Ohio.....	5	59	54.9	1	16	42			
Pennsylvania.....	6	79	55.9			63	4	12	
Tennessee.....	4	30	57.0		15		1	14	
Wisconsin.....	2	14	54.4		13			1	
Other States.....	18	121	53.5	36	61	15		9	
Total.....	54	632	54.7	97	292	143	34	66	

TRUCK BUILDERS: MALE.

1907.								
California.....	2	29	54.0		29			
Illinois.....	2	154	53.7	43	106			
Minnesota.....	2	48	56.4			42	6	
Missouri.....	2	34	57.2		16			18
Texas.....	2	57	60.0					57
Other States.....	4	99	55.0	44	17	17		21
Total.....	14	421	55.5	92	168	59	6	96
1908.								
California.....	2	37	54.0		37			
Illinois.....	2	72	53.5	34	38			
Minnesota.....	2	33	56.5			28	5	
Missouri.....	2	21	58.6		12			9
Texas.....	2	39	60.0					39
Other States.....	4	74	53.8	45	12	14		3
Total.....	14	276	55.2	79	99	42	5	51
1909.								
California.....	2	38	54.0		38			
Illinois.....	2	63	53.6	26	37			
Minnesota.....	2	55	56.7			42	13	
Missouri.....	2	32	57.9		11			21
Texas.....	2	43	54.8		37			6
Other States.....	4	96	55.5	34	18	18		26
Total.....	14	327	55.3	60	141	60	13	53

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

TRUCK BUILDERS: 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1910.									
California.....	2	52	54.0		52				
Illinois.....	5	155	54.6	23	109		23		
Indiana.....	5	56	54.9	11		31	14		
Massachusetts.....	2	33	53.5	20	18				
Minnesota.....	2	70	56.8			52	18		
Missouri.....	7	189	62.0		20		33	84	43
New York.....	4	72	55.8		51			21	
Ohio.....	6	162	52.4	82	31	49			
Pennsylvania.....	2	62	57.9			48			14
Texas.....	4	58	54.6		52			6	
Other States.....	5	106	55.8	34	18		2	52	
Total.....	44	1,011	56.1	170	351	180	90	163	57
1911.									
California.....	2	45	54.0		45				
Illinois.....	4	189	54.2	15	162		12		
Indiana.....	6	50	53.9	16		21	13		
Kansas.....	2	72	54.9	37				35	
Massachusetts.....	2	33	53.2	26	7				
Minnesota.....	2	67	56.5			56	11		
Missouri.....	6	117	58.8		21		20	76	
New York.....	2	45	56.8		24			21	
Ohio.....	5	110	52.4	53	23	34			
Pennsylvania.....	3	62	55.7	19		19			24
Texas.....	4	51	54.7		45				6
Other States.....	6	162	58.1		30		15	57	
Total.....	44	943	55.4	166	357	130	71	219	
1912.									
California.....	2	63	54.0		63				
Illinois.....	4	117	54.8	13	83		21		
Indiana.....	6	64	53.8	18		46			
Kansas.....	2	73	55.2	35				38	
Massachusetts.....	2	45	53.1	39	6				
Minnesota.....	2	59	56.4			51	8		
Missouri.....	6	103	58.4		24		16	63	
New York.....	2	38	56.1		25			13	
Ohio.....	5	107	53.9	20	24	63			
Pennsylvania.....	3	71	57.9			34			37
Texas.....	4	43	54.4		40				3
Other States.....	6	108	57.9		37		8	63	
Total.....	44	891	55.7	125	302	194	53	217	

UPHOLSTERERS: MALE.

1910.									
California.....	2	39	54.0		39				
Illinois.....	4	135	53.9	9	126				
Missouri.....	6	35	55.1		8		20	7	
Ohio.....	4	82	54.5	11	12	59			
Pennsylvania.....	2	22	55.7			17	5		
Other States.....	24	164	56.0	47	31	16	5	65	
Total.....	42	477	55.1	67	216	92	30	72	

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

UPHOLSTERERS: MALE—Concluded.

Year and State.	Number of establishments.	Number of employ-ees.	Average nomi-nal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
1911.									
California.....	2	41	54.0	20	21				
Illinois.....	4	174	53.9	9	165				
Missouri.....	6	23	57.4		10		14	4	
Ohio.....	4	60	54.1	11	9	40			
Pennsylvania.....	2	21	55.6			17	4		
Other States.....	28	182	55.9	49	41	20	5	67	
Total.....	45	506	54.9	89	246	77	23	71	
1912.									
California.....	2	48	54.0		48				
Illinois.....	4	144	53.6	9	135				
Missouri.....	6	24	58.2		5		13	6	
Ohio.....	4	41	54.7	2	10	29			
Pennsylvania.....	2	26	55.6			21	5		
Other States.....	28	190	55.7	52	50	20	4	64	
Total.....	46	473	54.9	63	248	70	22	70	

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

[The establishments set opposite each bracketed group of years are identical.]

Occupation, 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 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
CABINETMAKERS, MALE.									
California:									
2 establishments.....	{ 1910	42	54.0		42				
	{ 1911	35	54.0		35				
2 establishments.....	{ 1911	35	54.0		35				
	{ 1912	38	54.0		38				
Illinois:									
4 establishments.....	{ 1910	348	53.9	24	324				
	{ 1911	321	53.9	25	296				
4 establishments.....	{ 1911	321	53.9	25	296				
	{ 1912	443	54.0	19	424				
Indiana:									
5 establishments.....	{ 1910	48	55.7			45		3	
	{ 1911	51	55.4			48			
5 establishments.....	{ 1911	51	55.4			48			
	{ 1912	35	55.3			32			
Massachusetts:									
2 establishments.....	{ 1910	63	53.2	49	14				
	{ 1911	79	53.2	62	17				
2 establishments.....	{ 1911	79	53.2	62	17				
	{ 1912	74	53.3	55	19				
Minnesota:									
2 establishments.....	{ 1910	21	57.0			14	7		
	{ 1911	26	57.3			15	11		
2 establishments.....	{ 1911	26	57.3			15	11		
	{ 1912	19	56.9			13	6		
Missouri:									
4 establishments.....	{ 1910	51	58.5		7		35	9	
	{ 1911	48	58.7		4		37	7	
4 establishments.....	{ 1911	48	58.7		4		37	7	
	{ 1912	55	58.5		7		41	7	
New York:									
3 establishments.....	{ 1910	27	54.0		27				
	{ 1911	28	54.0		28				
Ohio:									
3 establishments.....	{ 1910	210	55.1	9	28	173			
	{ 1911	205	55.1	8	28	169			
3 establishments.....	{ 1911	205	55.1	8	28	169			
	{ 1912	122	55.1		26	96			
Pennsylvania:									
2 establishments.....	{ 1910	112	55.0			109	3		
	{ 1911	126	55.0			124	2		
2 establishments.....	{ 1911	130	55.1			124	6		
	{ 1912	123	55.2			120	9		
CARPENTERS AND CAR BUILDERS, WOOD, MALE.									
Alabama:									
4 establishments.....	{ 1910	57	54.0		57				
	{ 1911	194	54.0		194				
4 establishments.....	{ 1911	194	54.0		194				
	{ 1912	23	54.0		23				
California:									
2 establishments.....	{ 1907	486	54.0		486				
	{ 1908	350	54.0		350				
	{ 1909	393	54.0		393				
	{ 1910	429	54.0		429				
2 establishments.....	{ 1910	429	54.0		429				
	{ 1911	397	54.0		397				
2 establishments.....	{ 1911	397	54.0		397				
	{ 1912	426	54.0		426				

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

Occupation, State, and number of establishments.	Year.	Number of employ-ees.	Average nomi-nal full-time hours per week.	Number of employees whose nominal full-time working hours per week were—					
				Under 54.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
CARPENTERS AND CAR BUILDERS, WOOD, MALE—continued.									
Illinois:									
2 establishments.....	1907	1,244	53.9	73	1,171				
	1908	583	53.9	75	508				
	1909	617	53.8	94	523				
	1910	870	53.9	113	757				
4 establishments.....	1910	1,630	55.0	113	1,178		339		
	1911	1,414	54.9	111	1,081		272		
4 establishments.....	1911	1,453	54.9	111	1,070		272		
	1912	1,202	54.7	110	791		301		
Indiana:									
5 establishments.....	1910	285	54.2	38		239			
	1911	315	54.0	54		255	8		
5 establishments.....	1911	315	54.0	54		255	6		
	1912	298	54.1	56		242	6		
Kansas:									
2 establishments.....	1911	335	52.0	267				68	
	1912	318	51.5	269				49	
Kentucky:									
3 establishments.....	1911	404	57.6		161				243
	1912	380	58.6		87				293
Massachusetts:									
2 establishments.....	1910	227	53.2	171	56				
	1911	248	53.2	193	55				
2 establishments.....	1911	245	53.2	193	52				
	1912	261	53.3	195	66				
Minnesota:									
2 establishments.....	1907	342	57.9			128	214		
	1908	307	58.5			53	254		
	1909	404	58.4			81	323		
	1910	345	58.1			99	246		
2 establishments.....	1910	345	58.1			99	246		
	1911	383	58.1			113	270		
3 establishments.....	1911	389	58.1			113	270	6	
	1912	327	58.1			105	216	6	
Missouri:									
2 establishments.....	1907	120	57.6		78			24	18
	1908	48	62.0		12			19	17
	1909	148	57.6		65			79	4
	1910	139	59.8		35			86	18
7 establishments.....	1910	1,167	59.1		159		231	759	18
	1911	797	58.5		183		241	355	18
7 establishments.....	1911	797	58.5		183		241	355	18
	1912	1,100	58.8		187		170	743	
New Jersey:									
2 establishments.....	1911	134	54.0		134				
	1912	138	54.2		133			5	
New York:									
3 establishments.....	1907	520	56.5		301			219	
	1908	259	54.8		225			34	
	1909	505	57.5		211			294	
	1910	515	57.7		196			319	
4 establishments.....	1910	559	57.4		240			319	
	1911	629	57.3		285			344	
2 establishments.....	1911	527	57.9		183			344	
	1912	388	56.6		219			160	
Ohio:									
6 establishments.....	1910	772	54.1	163	117	492			
	1911	665	53.1	184	93	388			
6 establishments.....	1911	665	53.6	184	93	388			
	1912	338	52.5	163	77	98			

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
CARPENTERS AND CAB BUILDERS, WOOD, MALE—concluded.									
Pennsylvania:									
3 establishments.....	1910	634	55.8			491	143		
	1911	452	55.5	9		357	86		
6 establishments.....	1911	323	56.8	9	48	132		134	
	1912	411	58.4			131		280	
Tennessee:									
4 establishments.....	1910	186	58.2		38		105	43	
	1911	283	58.2		54		175	54	
5 establishments.....	1911	357	57.4		128		175	54	
	1912	308	57.0		125		165	18	
Texas:									
2 establishments.....	1907	270	60.0					270	
	1908	192	60.0					192	
	1909	233	56.3		143			90	
	1910	237	54.0		237				
4 establishments.....	1910	343	55.9		237			106	
	1911	341	55.5		254			87	
4 establishments.....	1911	341	55.5		254			87	
	1912	403	55.4		307			96	
Virginia:									
2 establishments.....	1910	136	60.0					136	
	1911	130	60.0					130	
3 establishments.....	1911	213	57.7		83			130	
	1912	206	56.1		133			73	
Wisconsin:									
2 establishments.....	1910	676	59.9		8			668	
	1911	726	59.9		8			718	
2 establishments.....	1911	726	59.9		8			718	
	1912	891	60.0					891	
CAB REPAIRERS, MALE.									
Alabama:									
4 establishments.....	1910	767	54.0		767				
	1911	681	54.0		681				
4 establishments.....	1911	681	54.0		681				
	1912	1,185	54.0		1,185				
California:									
2 establishments.....	1907	235	54.0		235				
	1908	146	54.0		146				
	1909	201	54.0		201				
	1910	199	54.0		199				
2 establishments.....	1910	199	54.0		199				
	1911	109	54.0		109				
2 establishments.....	1911	109	54.0		109				
	1912	221	54.0		221				
Illinois:									
4 establishments.....	1910	655	53.7	195	460				
	1911	764	53.5	362	402				
4 establishments.....	1911	764	53.5	362	402				
	1912	574	53.5	293	281				
Indiana:									
5 establishments.....	1910	557	56.4	116	114	71	256		
	1911	510	53.5	115	233	90	72		
5 establishments.....	1911	510	53.5	115	233	90	72		
	1912	567	53.8	80	274	213			
Kansas:									
2 establishments.....	1911	154	50.3	150				4	
	1912	165	50.4	158				7	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
CAR REPAIRERS, MALE—concluded.									
Kentucky:									
3 establishments.....	{ 1911	409	58.8		79			330	
	{ 1912	577	58.5		154			423	
Minnesota:									
2 establishments.....	{ 1907	260	58.7			26	234		
	{ 1908	296	58.8			22	274		
	{ 1909	253	58.6			36	217		
	{ 1910	292	58.5			44	248		
2 establishments.....	{ 1910	292	58.5			44	248		
	{ 1911	253	58.5			46	207		
3 establishments.....	{ 1911	445	59.1			46	207	192	
	{ 1912	609	59.4			39	232	338	
Missouri:									
5 establishments.....	{ 1910	193	56.9	122		34	20	17	
	{ 1911	195	57.7	92		70	16	17	
5 establishments.....	{ 1911	195	57.7	92		70	16	17	
	{ 1912	303	56.9	130		158	15		
New Jersey:									
2 establishments.....	{ 1911	59	54.0	59					
	{ 1912	54	56.8	29			25		
New York:									
2 establishments.....	{ 1907	93	57.0	46				47	
	{ 1908	104	54.0	104					
	{ 1909	133	54.0	133					
	{ 1910	105	54.0	105					
3 establishments.....	{ 1910	174	54.0	174					
	{ 1911	304	54.0	304					
Ohio:									
6 establishments.....	{ 1910	738	52.7	250	446	42			
	{ 1911	672	52.1	223	449				
6 establishments.....	{ 1911	672	52.3	223	449				
	{ 1912	698	55.9	62	474	113		49	
Pennsylvania:									
6 establishments.....	{ 1911	1,211	56.9		77	612	86	436	
	{ 1912	1,600	58.7			513	266	765	56
Tennessee:									
4 establishments.....	{ 1910	523	57.1		206		263	54	
	{ 1911	423	56.8		204		127	92	
4 establishments.....	{ 1911	467	56.5		249		126	92	
	{ 1912	609	56.9		286		178	145	
Texas:									
2 establishments.....	{ 1907	176	60.0					176	
	{ 1908	115	60.0					115	
	{ 1909	135	56.1		88			47	
	{ 1910	165	54.0		165				
4 establishments.....	{ 1910	346	57.1		165			181	
	{ 1911	294	57.0		148			146	
4 establishments.....	{ 1911	294	57.0		148			146	
	{ 1912	404	57.3		183			221	
Virginia:									
2 establishments.....	{ 1910	562	60.0					562	
	{ 1911	516	60.0					516	
3 establishments.....	{ 1911	571	59.4		55			516	
	{ 1912	565	55.3		447			118	
Wisconsin:									
2 establishments.....	{ 1910	624	58.6		149			475	
	{ 1911	746	58.1		236			510	
2 establishments.....	{ 1911	746	58.1		236			510	
	{ 1912	827	60.0					827	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
FITTERS, MALE.									
Illinois:									
2 establishments.....	{ 1910	598	55.8		428		145		25
	{ 1911	699	54.5		632		67		
2 establishments.....	{ 1911	699	54.5		632		67		
	{ 1912	712	55.3		521		191		
Indiana:									
2 establishments.....	{ 1910	266	55.7			266			
	{ 1911	238	55.6			238			
2 establishments.....	{ 1911	238	55.6			238			
	{ 1912	166	55.7			166			
Missouri:									
2 establishments.....	{ 1910	206	59.8				32	174	
	{ 1911	250	59.7				86	164	
2 establishments.....	{ 1911	250	59.7				86	164	
	{ 1912	219	59.9				18	201	
Ohio:									
2 establishments.....	{ 1910	216	53.9	56		160			
	{ 1911	187	54.5	31		156			
2 establishments.....	{ 1911	187	54.5	31		156			
	{ 1912	130	53.0	64		66			
Pennsylvania:									
2 establishments.....	{ 1911	342	57.3	104				238	
	{ 1912	451	58.3			195		256	
LABORERS, MALE.									
Alabama:									
4 establishments.....	{ 1910	389	54.0		389				
	{ 1911	356	54.0		356				
4 establishments.....	{ 1911	356	54.0		356				
	{ 1912	390	54.0		390				
California:									
2 establishments.....	{ 1907	230	54.0		230				
	{ 1908	160	54.0		160				
	{ 1909	222	54.0		222				
	{ 1910	201	54.0		201				
2 establishments.....	{ 1910	201	54.0		201				
	{ 1911	165	54.0		165				
2 establishments.....	{ 1911	165	54.0		165				
	{ 1912	111	54.0		111				
Illinois:									
2 establishments.....	{ 1907	1,477	53.9	200	1,277				
	{ 1908	295	53.5	135	160				
	{ 1909	492	53.5	230	262				
	{ 1910	904	53.8	219	685				
4 establishments.....	{ 1910	1,448	55.2	219	827		402		
	{ 1911	1,031	55.9	212	391		428		
4 establishments.....	{ 1911	1,031	55.9	212	391		428		
	{ 1912	990	55.8	211	341		438		
Indiana:									
8 establishments.....	{ 1910	1,054	55.6	72		826	80	76	
	{ 1911	626	54.5	80	88	407	51		
7 establishments.....	{ 1911	615	54.5	80	88	396	51		
	{ 1912	595	54.5	59	116	420			
Kansas:									
2 establishments.....	{ 1911	217	51.6	183				34	
	{ 1912	154	51.2	135				19	
Kentucky:									
3 establishments.....	{ 1911	268	58.6		63			205	
	{ 1912	289	58.4		77			212	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
LABORERS, MALE—continued.									
Massachusetts:									
2 establishments.....	{ 1910	163	53.1	147	16				
	{ 1911	149	53.1	130	19				
2 establishments.....	{ 1911	150	53.1	130	20				
	{ 1912	177	53.2	145	32				
Minnesota:									
2 establishments.....	{ 1907	210	57.3			116	94		
	{ 1908	145	57.5			74	71		
	{ 1909	268	57.8			110	158		
	{ 1910	231	57.4			122	109		
2 establishments.....	{ 1910	231	57.4			122	109		
	{ 1911	231	57.2			135	96		
3 establishments.....	{ 1911	262	57.7			126	96	40	
	{ 1912	257	57.8			116	101	40	
Missouri:									
2 establishments.....	{ 1907	56	55.8		39			17	
	{ 1908	18	62.1		2			11	5
	{ 1909	39	57.7		15			24	
	{ 1910	45	59.6		11			29	5
7 establishments.....	{ 1910	1,094	59.3		97		376	603	18
	{ 1911	817	59.3		70		234	508	5
7 establishments.....	{ 1911	834	59.2		87		234	508	5
	{ 1912	747	58.9		105		193	449	
New York:									
3 establishments.....	{ 1907	587	57.8		217			370	
	{ 1908	233	55.1		189			44	
	{ 1909	468	55.9		321			147	
	{ 1910	497	56.2		318			179	
4 establishments.....	{ 1910	557	55.9		378			179	
	{ 1911	526	55.6		323			144	
2 establishments.....	{ 1911	367	56.4		223			144	
	{ 1912	350	55.7		253			97	
Ohio:									
8 establishments.....	{ 1910	1,390	53.7	381	234	775			
	{ 1911	710	53.2	195	205	310			
8 establishments.....	{ 1911	710	53.4	195	205	310			
	{ 1912	629	54.1	97	157	375			
Pennsylvania:									
3 establishments.....	{ 1910	2,032	57.1			1,411	168	298	155
	{ 1911	1,215	55.7	186		660	101	268	
8 establishments.....	{ 1911	1,519	56.7	186	33	654	39	607	
	{ 1912	1,956	57.4			1,034	132	787	3
Tennessee:									
4 establishments.....	{ 1910	329	58.4		64		146	119	
	{ 1911	526	58.8		55		311	160	
5 establishments.....	{ 1911	542	58.8		55		311	176	
	{ 1912	416	58.8		51		200	165	
Texas:									
2 establishments.....	{ 1907	349	60.0					349	
	{ 1908	177	60.0					177	
	{ 1909	230	57.7		87			143	
	{ 1910	230	54.0		230				
4 establishments.....	{ 1910	292	55.3		230			62	
	{ 1911	340	55.1		279			61	
4 establishments.....	{ 1911	340	55.1		279			61	
	{ 1912	396	55.4		304			92	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
LABORERS, MALE—concluded.									
Virginia:									
2 establishments.....	1910	341	60.0					341	
	1911	292	60.0					292	
3 establishments.....	1911	316	59.5		24			292	
	1912	375	55.2		297			78	
Wisconsin:									
2 establishments.....	1910	139	58.7		30			109	
	1911	128	58.7		27			101	
2 establishments.....	1911	128	58.7		27			101	
	1912	180	60.0					180	
MACHINE WOODWORKERS, MALE.									
Alabama:									
4 establishments.....	1910	45	54.0		45				
	1911	51	55.4		39			12	
4 establishments.....	1911	51	55.4		39			12	
	1912	55	54.0		55				
California:									
2 establishments.....	1907	60	54.0		60				
	1908	51	54.0		51				
	1909	58	54.0		58				
	1910	66	54.0		66				
2 establishments.....	1910	66	54.0		66				
	1911	54	54.0		54				
2 establishments.....	1911	54	54.0		54				
	1912	48	54.0		48				
Illinois:									
2 establishments.....	1907	176	53.9	26	150				
	1908	174	53.9	25	149				
	1909	128	53.8	28	100				
	1910	245	53.9	27	218				
5 establishments.....	1910	351	54.7	27	266		58		
	1911	244	55.1	29	157		58		
5 establishments.....	1911	244	55.1	29	157		58		
	1912	157	54.1	31	85		41		
Indiana:									
7 establishments.....	1910	151	55.6	11		112	14	14	
	1911	126	54.7	12	19	85	10		
7 establishments.....	1911	126	54.7	12	19	85	10		
	1912	129	54.4	17	16	96			
Kansas:									
2 establishments.....	1911	38	51.1	34				4	
	1912	40	51.8	33				7	
Kentucky:									
3 establishments.....	1911	56	57.9		20			36	
	1912	55	58.0		18			37	
Massachusetts:									
2 establishments.....	1910	47	53.4	27	20				
	1911	55	53.5	30	25				
2 establishments.....	1911	53	53.4	30	23				
	1912	49	53.3	34	15				
Minnesota:									
2 establishments.....	1907	33	57.3			19	14		
	1908	26	57.8			10	16		
	1909	43	58.2			12	31		
	1910	34	57.9			12	22		
2 establishments.....	1910	34	57.9			12	22		
	1911	34	57.9			12	22		
3 establishments.....	1911	44	58.4			12	22	10	
	1912	43	58.5			11	22	10	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
MACHINE WOODWORKERS, MALE—concluded.									
Missouri:									
7 establishments.....	1910	182	59.1		15		79	88	
	1911	180	59.0		19		61	100	
7 establishments.....	1911	180	59.0		19		61	100	
	1912	155	58.8		19		69	67	
New York:									
3 establishments.....	1907	75	57.6		30			45	
	1908	40	55.4		31			9	
	1909	64	56.8		34			30	
	1910	64	56.7		35			29	
4 establishments.....	1910	65	56.7		36			29	
	1911	59	56.6		33			26	
2 establishments.....	1911	53	56.9		27			26	
	1912	44	56.5		26			18	
Ohio:									
7 establishments.....	1910	197	54.6	22	37	133			
	1911	178	54.3	22	35	121			
7 establishments.....	1911	178	54.5	22	35	121			
	1912	115	54.4	12	36	67			
Pennsylvania:									
2 establishments.....	1910	52	55.8			39	13		
	1911	52	55.8			33	14		
8 establishments.....	1911	119	57.8	1	5	33	14	61	
	1912	120	58.3			36	11	73	
Tennessee:									
4 establishments.....	1910	77	58.5		14		31	32	
	1911	70	58.3		15		26	29	
5 establishments.....	1911	79	57.8		24		26	29	
	1912	71	57.8		23		21	27	
Texas:									
2 establishments.....	1907	30	60.0					30	
	1908	20	60.0					20	
	1909	26	57.9		9			17	
	1910	23	54.0		23				
4 establishments.....	1910	34	55.9		23			11	
	1911	35	56.2		22			13	
4 establishments.....	1911	35	56.2		22			13	
	1912	29	56.7		16			13	
Virginia:									
2 establishments.....	1910	31	60.0					31	
	1911	32	60.0					32	
3 establishments.....	1911	42	58.6		10			32	
	1912	48	55.3		38			10	
Wisconsin:									
2 establishments.....	1910	81	59.6		5			76	
	1911	70	59.6		5			65	
2 establishments.....	1911	70	59.6		5			65	
	1912	90	60.0					90	
MACHINISTS, MALE.									
Illinois:									
5 establishments.....	1910	138	56.1	13	77		42		6
	1911	90	55.5	16	43		31		
5 establishments.....	1911	78	55.8	16	31		31		
	1912	87	55.8	15	38		34		

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

Occupation, 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 51.	54.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
MACHINISTS, MALE—concluded.									
Indiana:									
6 establishments.....	{ 1910	91	55.5	3	87	1			
	{ 1911	72	55.1	5	65	1			
3 establishments.....	{ 1911	64	55.7		63	1			
	{ 1912	48	55.7		48				
Massachusetts:									
2 establishments.....	{ 1910	37	53.2	29	8				
	{ 1911	41	53.2	32	9				
2 establishments.....	{ 1911	38	53.2	32	6				
	{ 1912	44	53.3	30	14				
Missouri:									
4 establishments.....	{ 1910	115	62.1		5		24	61	
	{ 1911	98	59.4		5		25	68	
4 establishments.....	{ 1911	98	59.4		5		25	68	
	{ 1912	85	59.5		4		17	64	
New York:									
4 establishments.....	{ 1910	182	54.3		174			8	
	{ 1911	251	54.1		245			6	
2 establishments.....	{ 1911	26	55.4		20			6	
	{ 1912	26	55.2		21			5	
Ohio:									
6 establishments.....	{ 1910	59	52.9	23	13	23			
	{ 1911	50	53.1	14	14	22			
4 establishments.....	{ 1911	33	54.6	3	8	22			
	{ 1912	23	54.5	2	8	13			
Pennsylvania:									
3 establishments.....	{ 1911	152	57.9		2	60		99	
	{ 1912	140	58.0			55	1	84	
PAINTERS, MALE.									
Alabama:									
4 establishments.....	{ 1910	40	54.0		40				
	{ 1911	50	54.0		50				
4 establishments.....	{ 1911	50	54.0		50				
	{ 1912	70	54.0		70				
California:									
2 establishments.....	{ 1907	77	54.0		77				
	{ 1908	77	54.0		77				
	{ 1909	101	54.0		101				
	{ 1910	121	54.0		121				
2 establishments.....	{ 1910	121	54.0		121				
	{ 1911	111	54.0		111				
2 establishments.....	{ 1911	111	54.0		111				
	{ 1912	117	54.0		117				
Illinois:									
2 establishments.....	{ 1907	287	53.8	63	224				
	{ 1908	204	53.8	44	160				
	{ 1909	241	53.7	69	172				
	{ 1910	531	53.9	59	472				
5 establishments.....	{ 1910	675	54.2	59	565		51		
	{ 1911	863	54.1	58	771		34		
5 establishments.....	{ 1911	863	54.1	58	771		34		
	{ 1912	782	53.9	47	700		35		
Indiana:									
7 establishments.....	{ 1910	199	54.9	31	137	9		2	
	{ 1911	298	54.9	25	23	241	9		
7 establishments.....	{ 1911	289	54.9	25	14	241	9		
	{ 1912	136	54.0	34	7	95			
Kansas:									
2 establishments.....	{ 1911	74	51.5	63				11	
	{ 1912	73	51.9	59				14	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.				
PAINTERS, MALE—continued.													
Kentucky:													
3 establishments.....	{ 1911	123	58.8		25						98		
	{ 1912	126	58.9		23						103		
Massachusetts:													
2 establishments.....	{ 1910	140	53.1	130	10								
	{ 1911	144	53.1	131	13								
2 establishments.....	{ 1911	151	53.1	131	20								
	{ 1912	170	53.2	142	28								
Minnesota:													
2 establishments.....	{ 1907	87	57.1			55	32						
	{ 1908	57	57.3			32	25						
	{ 1909	120	57.9			46	74						
	{ 1910	82	57.3			47	35						
2 establishments.....	{ 1910	82	57.3			47	35						
	{ 1911	98	57.2			60	38						
3 establishments.....	{ 1911	113	57.5			60	38	15					
	{ 1912	100	57.6			51	34	15					
Missouri:													
2 establishments.....	{ 1907	35	56.7		19						16		
	{ 1908	12	59.5		1						11		
	{ 1909	30	59.4		3						27		
	{ 1910	37	59.0		6						31		
7 establishments.....	{ 1910	261	58.3		38		103	120					
	{ 1911	283	58.6		45		148	90					
7 establishments.....	{ 1911	283	58.6		45		148	90					
	{ 1912	243	58.7		38		77	128					
New York:													
2 establishments.....	{ 1907	124	54.8		107						17		
	{ 1908	107	54.0		107								
	{ 1909	124	54.8		108						16		
	{ 1910	97	54.9		83						14		
4 establishments.....	{ 1910	122	54.7		108			14					
	{ 1911	115	54.8		99			13					
2 establishments.....	{ 1911	85	55.1		69			16					
	{ 1912	86	54.4		80			6					
Ohio:													
3 establishments.....	{ 1910	236	53.5	68	66	102							
	{ 1911	199	53.4	57	58	84							
3 establishments.....	{ 1911	199	53.4										
	{ 1912	178	54.4										
Pennsylvania:													
3 establishments.....	{ 1910	207	55.8			176	31						
	{ 1911	114	55.0	16		77	21						
3 establishments.....	{ 1911	276	57.6	16	1	98	17	144					
	{ 1912	268	57.7			130	25	111			2		
Tennessee:													
4 establishments.....	{ 1910	103	58.4		24		22	57					
	{ 1911	132	58.6		24		38	70					
5 establishments.....	{ 1911	143	58.3		35		38	70					
	{ 1912	112	58.0		33		22	57					
Texas:													
2 establishments.....	{ 1907	46	60.0					46					
	{ 1908	22	60.0					22					
	{ 1909	43	57.1			21		22					
	{ 1910	43	54.0			43							
4 establishments.....	{ 1910	66	56.1		43			23					
	{ 1911	59	56.0		39			20					
4 establishments.....	{ 1911	59	56.0		39			20					
	{ 1912	69	55.3		54			15					

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.				
PAINTERS, MALE—concluded.													
Virginia:													
2 establishments.....	1910	75	60.0								75		
	1911	64	60.0								64		
3 establishments.....	1911	72	59.3		8						64		
	1912	81	55.5		61						20		
Wisconsin:													
2 establishments.....	1910	119	59.8			3					116		
	1911	142	59.9			3					139		
2 establishments.....	1911	142	59.9			3					139		
	1912	168	60.0								168		
PIPE FITTERS, MALE.													
California:													
2 establishments.....	1910	60	54.0		60								
	1911	59	54.0		59								
2 establishments.....	1911	59	54.0			59							
	1912	68	54.0			68							
Illinois:													
5 establishments.....	1910	135	54.8	10	101		24						
	1911	174	54.5	10	145		19						
5 establishments.....	1911	174	54.5	10	145		19						
	1912	108	54.6	8	86		14						
Indiana:													
7 establishments.....	1910	41	55.1	6		28	2	5					
	1911	54	54.5	7	4	42	1						
7 establishments.....	1911	54	54.5	7	4	42	1						
	1912	28	54.3	5	4	19							
Kentucky:													
3 establishments.....	1911	27	58.7		6			21					
	1912	28	58.1		9			19					
Massachusetts:													
2 establishments.....	1910	26	53.1	24	2								
	1911	27	53.1	24	3								
2 establishments.....	1911	27	53.1	24	3								
	1912	23	53.1	21	2								
Missouri:													
6 establishments.....	1910	49	59.1		8		20	19			2		
	1911	50	58.4		10		19	21					
6 establishments.....	1911	50	58.4		10		19	21					
	1912	58	58.2		12		32	14					
New York:													
4 establishments.....	1910	46	55.4		35			11					
	1911	58	55.1		47			11					
2 establishments.....	1911	31	56.1		20			11					
	1912	25	55.7		18			7					
Ohio:													
5 establishments.....	1910	73	54.0	16	14	43							
	1911	54	54.6	5	12	37							
4 establishments.....	1911	53	54.7	4	12	37							
	1912	34	54.8		14	20							
Pennsylvania:													
2 establishments.....	1910	37	55.8			27	10						
	1911	44	55.5			36	8						
4 establishments.....	1911	114	58.3		2	36	2	74					
	1912	54	57.4			30	4	10			1		
Tennessee:													
2 establishments.....	1910	24	55.9		15			9					
	1911	22	55.1		17			5					
3 establishments.....	1911	24	55.0		19			5					
	1912	21	54.5		19			2					

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
RIVETERS AND BUCKERS, MALE.									
Illinois:									
3 establishments.....	{ 1910	347	55.5		244		103		
	{ 1911	238	55.0		233		55		
3 establishments.....	{ 1911	288	55.0		233		55		
	{ 1912	344	55.6		237		107		
Indiana:									
2 establishments.....	{ 1910	254	55.7			254			
	{ 1911	105	55.6			105			
2 establishments.....	{ 1911	105	55.6			105			
	{ 1912	132	55.7			132			
Missouri:									
2 establishments.....	{ 1910	159	59.7				48	111	
	{ 1911	149	59.6				58	91	
2 establishments.....	{ 1911	149	59.6				58	91	
	{ 1912	126	59.9				10	116	
Ohio:									
2 establishments.....	{ 1910	134	52.8	61		73			
	{ 1911	57	51.7	36		21			
2 establishments.....	{ 1911	57	51.7	36		21			
	{ 1912	71	52.3	46		25			
Pennsylvania:									
2 establishments.....	{ 1911	493	57.4	140				353	
	{ 1912	512	57.7			300		212	
TINNERS, MALE.									
Illinois:									
5 establishments.....	{ 1910	324	53.9	25	299				
	{ 1911	302	54.0	31	264		7		
5 establishments.....	{ 1911	302	54.0	31	264		7		
	{ 1912	204	54.0	30	170		4		
Indiana:									
6 establishments.....	{ 1910	40	54.8	7		29		4	
	{ 1911	53	54.2	8	4	41			
5 establishments.....	{ 1911	49	54.3	8		41			
	{ 1912	33	53.8	10		23			
Massachusetts:									
2 establishments.....	{ 1910	25	53.2	21	4				
	{ 1911	22	53.2	18	4				
2 establishments.....	{ 1911	22	53.2	18	4				
	{ 1912	28	53.3	20	8				
Missouri:									
6 establishments.....	{ 1910	38	58.5		6		22	10	
	{ 1911	55	58.8		8		18	29	
7 establishments.....	{ 1911	58	58.8		8		21	29	
	{ 1912	64	57.4		9		25	30	
Ohio:									
5 establishments.....	{ 1910	72	54.3	11	15	46			
	{ 1911	68	54.1	13	14	41			
5 establishments.....	{ 1911	68	54.1	13	14	41			
	{ 1912	59	54.9	1	16	42			
Pennsylvania:									
2 establishments.....	{ 1910	89	55.4			78	11		
	{ 1911	81	55.3			72	9		
6 establishments.....	{ 1911	118	56.9			72	5	41	
	{ 1912	79	55.9			63	4	12	
Tennessee:									
3 establishments.....	{ 1910	26	57.4		11		1	14	
	{ 1911	27	57.3		12		1	14	
4 establishments.....	{ 1911	30	57.0		15		1	14	
	{ 1912	30	57.0		15		1	14	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
TINNERS, MALE—concluded.									
Wisconsin:									
2 establishments.....	1910	22	59.7		1			21	
	1911	22	59.7		1			21	
2 establishments.....	1911	22	59.7		1			21	
	1912	14	54.4		13			1	
TRUCK BUILDERS, MALE.									
California:									
2 establishments.....	1907	29	54.0		29				
	1908	37	54.0		37				
	1909	38	51.0		38				
	1910	52	54.0		52				
2 establishments.....	1910	52	54.0		52				
	1911	45	54.0		45				
2 establishments.....	1911	45	54.0		45				
	1912	63	54.0		63				
Illinois:									
2 establishments.....	1907	154	53.7	48	106				
	1908	72	53.5	34	38				
	1909	63	53.6	26	37				
	1910	99	53.7	23	76				
5 establishments.....	1910	155	54.6	23	109		23		
	1911	213	54.2	15	186		12		
4 establishments.....	1911	189	54.2	15	162		12		
	1912	117	54.8	13	83		21		
Indiana:									
5 establishments.....	1910	56	54.9	11		31	14		
	1911	46	53.8	16		17	13		
6 establishments.....	1911	50	53.9	16		21	13		
	1912	64	53.8	18		46			
Kansas:									
2 establishments.....	1911	72	54.9	37				35	
	1912	73	55.2	35				38	
Massachusetts:									
2 establishments.....	1910	38	53.5	20	18				
	1911	33	53.2	26	7				
2 establishments.....	1911	33	53.2	26	7				
	1912	45	53.1	39	6				
Minnesota:									
2 establishments.....	1907	48	56.4			42	6		
	1908	33	56.5			28	5		
	1909	55	56.7			42	13		
	1910	70	56.8			52	18		
2 establishments.....	1910	70	56.8			52	18		
	1911	67	56.5			56	11		
2 establishments.....	1911	67	56.5			56	11		
	1912	59	56.4			51	8		
Missouri:									
2 establishments.....	1907	34	57.2		16			18	
	1908	21	56.6		12			9	
	1909	32	57.9		11			21	
	1910	40	58.5		10			30	
7 establishments.....	1910	180	62.0		20		33	84	43
	1911	121	53.8		21		24	76	
6 establishments.....	1911	117	58.8		21		20	76	
	1912	103	58.4		24		16	63	

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

Occupation, 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.	Over 54 and under 57.	57 and under 60.	60.	Over 60.
TRUCK BUILDERS, MALE—concluded.									
New York:									
4 establishments.....	{ 1910	72	55.8		51			21	
	{ 1911	63	56.0		42			21	
2 establishments.....	{ 1911	45	56.8		24			21	
	{ 1912	38	56.1		25			13	
Ohio:									
6 establishments.....	{ 1910	162	52.4	82	31	49			
	{ 1911	112	52.3	55	23	34			
5 establishments.....	{ 1911	110	52.4	3	23	34			
	{ 1912	107	53.9	20	24	63			
Pennsylvania:									
2 establishments.....	{ 1910	62	57.9			48			14
	{ 1911	38	53.0	19		19			
3 establishments.....	{ 1911	62	55.7	19		19		24	
	{ 1912	71	57.9			34		37	
Texas:									
2 establishments.....	{ 1907	57	60.0					57	
	{ 1908	39	60.0					39	
	{ 1909	43	54.8		37			6	
	{ 1910	52	54.0		52				
4 establishments.....	{ 1910	58	54.6		52			6	
	{ 1911	51	54.7		45			6	
4 establishments.....	{ 1911	51	54.7		45			6	
	{ 1912	43	54.4		40			3	
UPHOLSTERERS, MALE.									
California:									
2 establishments.....	{ 1910	39	54.0		39				
	{ 1911	41	54.0		41				
2 establishments.....	{ 1911	41	54.0	20	21				
	{ 1912	48	54.0		43				
Illinois:									
4 establishments.....	{ 1910	135	53.9	9	126				
	{ 1911	174	53.9	9	165				
4 establishments.....	{ 1911	174	53.9	9	165				
	{ 1912	144	53.6	9	135				
Missouri:									
6 establishments.....	{ 1910	35	58.1		8		20	7	
	{ 1911	28	57.4		10		14	4	
6 establishments.....	{ 1911	28	57.4		10		14	4	
	{ 1912	24	58.2		5		13	6	
Ohio:									
4 establishments.....	{ 1910	82	54.5	11	12	59			
	{ 1911	60	54.1	11	9	40			
4 establishments.....	{ 1911	60	54.1	11	9	40			
	{ 1912	41	54.7	2	10	29			
Pennsylvania:									
2 establishments.....	{ 1910	22	55.7			17	5		
	{ 1911	21	55.6			17	4		
2 establishments.....	{ 1911	21	55.6			17	4		
	{ 1912	26	55.6			21	5		