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WAGES AND HOURS OF LABOR SERIES

**WAGES AND HOURS OF LABOR
IN THE BOOT AND SHOE
INDUSTRY: 1907 TO 1922**



MARCH, 1923

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

NO. 324

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MARCH, 1923

WAGES AND HOURS OF LABOR IN THE BOOT AND SHOE INDUSTRY, 1907 TO 1922.

INTRODUCTION AND SUMMARY.

Average rates of wages or earnings per hour, average full-time hours per week, average hours actually worked and average earnings actually received in one pay-roll period, and average full-time weekly earnings are presented in this bulletin, by occupations and States, for 28,948 males and 18,413 females employed in the boot and shoe industry in the United States in the year 1922. Summaries for each year from 1907 to 1922 and index numbers for each year from 1910 to 1922, except 1915, 1917, 1919, and 1921, are also given. Data were not collected for the years 1915, 1917, 1919, and 1921.¹

The wage peak of the industry was reached in 1920, at which time the general level of hourly earnings reached an amount $2\frac{1}{2}$ times that of 1913 and $2\frac{1}{2}$ times the hourly earnings of 1910. Between 1920 and 1922, however, there was a decrease in hourly earnings of about 10 per cent.

Regular working hours decreased 12 per cent between 1913 and 1920, with no change between 1920 and 1922. Because of a reduction of hours, full-time weekly earnings did not increase in the same proportion as hourly earnings. Full-time weekly earnings in 1920 were a little more than twice the earnings of 1913, with a drop of about 9 per cent between 1920 and 1922. These changes in wages and hours are shown by index numbers for the industry as a whole on page 26.

The data for all years covered in this bulletin were taken by agents of the bureau directly from the pay-roll records of the establishments. The number of establishments furnishing data varied from year to year, ranging from 26 in 1907, the initial year, to 143 in 1918. A total of 104 establishments were covered in 1922. The 1922 data were taken from the January pay-roll records of 2 establishments; from the March records of 11 establishments; from the April records of 40 establishments; from the May records of 43 establishments; and from the June records of 8 establishments. The great mass of the data, therefore, is as of April and May.

¹ The previous investigations of wages and hours of labor in boot and shoe manufacturing have been made and published by the Bureau of Labor Statistics as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 59 (July, 1905), covering 1903 and 1904; Bulletin No. 65 (July, 1906), covering 1904 and 1905; Bulletin No. 71 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 134 (August, 1913), covering 1907 to 1912; Bulletin No. 154 (May, 1914), covering 1912 and 1913; Bulletin No. 178 (August, 1915), covering 1913 and 1914; Bulletin No. 232 (May, 1918), covering 1914 and 1916; Bulletin No. 260 (November, 1919), covering 1916 and 1918; and Bulletin No. 278 (April, 1921), covering 1920.

The 1922 tabulation shows 39 occupations including males only; 12 occupations including females only; and 29 occupations including both males and females. A very small number of females was found in 14 of the 39 occupations for which data are shown for males only, and a very small number of males was found in 11 of the 12 occupations for which data are shown for females only. In each case the number was too insignificant to be representative and such employees have therefore been included in the group which is designated "Other employees" in this report.

In all but 2 of the 29 occupations in which both males and females are shown the full-time weekly earnings of males exceed that of females. The greatest difference is \$14.44 for outsole or insole rounders and the least, 30 cents, for button fasteners.

In 1922 the average full-time weekly earnings of male employees in the selected occupations varied from \$13.71 for lacers in the finishing department to \$43.30 for Goodyear welters. The occupational averages for females ranged from \$13.04 for outsole or insole rounders to \$23.75 for binders.

A summary of the rates of wages or earnings and hours of labor between 1907 and 1922, by occupations, is presented in Table 1, which follows:

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | |
|---|---------------------------|----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|-----|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| CUTTING DEPARTMENT. | | | | | | | | | | | | | | |
| Cutters, vamp and whole shoe, hand: | | | | | | | | | | | | | | |
| Male.....1907.. | 20 | 919 | 54.9 | \$.325 | (1) | | | | 1 | 17 | 37 | 27 | 17 | |
| 1908.. | 20 | 907 | 54.8 | .332 | (1) | | | | 1 | 19 | 36 | 31 | 12 | |
| 1909.. | 20 | 907 | 54.7 | .340 | (1) | | | | 2 | 18 | 38 | 32 | 11 | |
| 1910.. | 48 | 1,650 | 56.3 | .319 | \$17.86 | | | | 1 | 11 | 25 | 24 | 19 | 21 |
| 1911.. | 64 | 2,066 | 56.2 | .313 | 17.50 | | | | | 8 | 29 | 28 | 19 | 17 |
| 1912.. | 71 | 1,995 | 55.0 | .322 | 17.58 | | | | 12 | 8 | 37 | 15 | 17 | 11 |
| 1913.. | 71 | 1,987 | 54.5 | .351 | 19.05 | | | | 12 | 11 | 40 | 18 | 16 | 3 |
| 1914.. | 75 | 1,812 | 54.0 | .366 | 19.66 | | | | 20 | 18 | 22 | 26 | 11 | 3 |
| 1916.. | 113 | 2,355 | 53.9 | .375 | 20.12 | | | | 18 | 16 | 27 | 26 | 10 | 3 |
| 1918.. | 114 | 2,319 | 52.0 | .484 | 25.06 | | | 2 | 52 | 16 | 11 | 13 | 6 | |
| 1920.. | 91 | 2,050 | 47.8 | .829 | 40.29 | | | 23 | 1 | 56 | 14 | 1 | | |
| 1922.. | 84 | 1,915 | 48.3 | .787 | 38.11 | | | 16 | | 57 | 19 | 1 | | |
| Cutters, vamp and whole shoe, machine: | | | | | | | | | | | | | | |
| Male.....1910.. | 17 | 235 | 57.8 | .301 | 17.23 | | | | | | 6 | 30 | 42 | 23 |
| 1911.. | 20 | 270 | 57.0 | .313 | 17.69 | | | | | | 22 | 26 | 32 | 20 |
| 1912.. | 33 | 490 | 55.8 | .313 | 17.36 | | | | 6 | 5 | 38 | 8 | 25 | 18 |
| 1913.. | 33 | 549 | 55.3 | .323 | 17.77 | | | | 6 | 5 | 39 | 21 | 22 | 7 |
| 1914.. | 40 | 642 | 55.3 | .325 | 17.93 | | | | 9 | 3 | 22 | 40 | 24 | 1 |
| 1916.. | 67 | 1,059 | 54.9 | .331 | 18.07 | | | | 11 | 3 | 22 | 47 | 15 | 2 |
| 1918.. | 66 | 1,202 | 52.2 | .444 | 23.04 | | | 10 | 44 | 6 | 18 | 12 | 9 | |
| 1920.. | 56 | 942 | 48.9 | .806 | 37.94 | | | 8 | 59 | 20 | 1 | 1 | | |
| 1922.. | 48 | 867 | 49.2 | .647 | 31.99 | | | 1 | 58 | 32 | (2) | 8 | 1 | |
| Female.....1920.. | 10 | 73 | 53.8 | .393 | 21.69 | | | | 26 | 14 | 7 | 30 | 23 | |
| 1922.. | 8 | 72 | 52.5 | .433 | 23.51 | | | | 18 | 15 | 39 | 29 | | |
| Cutters, trimmings, hand: | | | | | | | | | | | | | | |
| Male.....1920.. | 87 | 884 | 48.0 | .452 | 22.27 | | | 20 | (2) | 52 | 22 | 1 | 3 | |
| 1922.. | 79 | 747 | 48.2 | .460 | 22.02 | | | 16 | | 57 | 20 | 6 | 1 | |
| Female.....1920.. | 11 | 38 | 50.1 | .284 | 13.98 | | | 11 | | 39 | 8 | 42 | | |
| 1922.. | 7 | 42 | 48.0 | .299 | 14.82 | | | 5 | | 83 | 12 | | | |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employ-ees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|--------------------------------------|---------------------------|-----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-------|-----------------------|------------------|-------|-----------------------|------------------|-------|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| CUTTING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | |
| Cutters, trimmings, machine: | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 37 | 163 | 49.1 | \$0.425 | \$21.20 | 8 | 6 | 47 | 22 | ..... | 17 | ..... | ..... | ..... |
| ..... | 1922.. | 30 | 116 | 50.3 | .398 | 20.05 | 3 | ..... | 34 | 38 | ..... | 21 | 4 | ..... | ..... |
| Female..... | 1920.. | 12 | 66 | 50.7 | .373 | 13.77 | 11 | 3 | 27 | 11 | ..... | 48 | ..... | ..... | ..... |
| ..... | 1922.. | 7 | 37 | 49.8 | .323 | 16.20 | ..... | ..... | 19 | 78 | ..... | ..... | 3 | ..... | ..... |
| Skivers, upper: | | | | | | | | | | | | | | | |
| Male..... | 1910.. | 12 | 74 | 54.7 | .288 | 15.80 | ..... | ..... | ..... | ..... | ..... | 66 | 18 | 16 | ..... |
| ..... | 1911.. | 28 | 136 | 54.8 | .292 | 15.98 | ..... | ..... | ..... | ..... | ..... | 68 | 18 | 15 | ..... |
| ..... | 1912.. | 32 | 156 | 54.7 | .282 | 15.41 | ..... | ..... | ..... | 6 | ..... | 67 | 7 | 19 | 1 |
| ..... | 1913.. | 32 | 134 | 54.5 | .299 | 16.23 | ..... | ..... | ..... | 8 | ..... | 65 | 18 | 9 | ..... |
| ..... | 1914.. | 29 | 116 | 54.4 | .299 | 16.13 | ..... | ..... | ..... | 9 | ..... | 65 | 21 | 6 | ..... |
| ..... | 1916.. | 32 | 124 | 54.6 | .311 | 16.93 | ..... | ..... | ..... | 9 | ..... | 65 | 13 | 12 | 1 |
| ..... | 1918.. | 23 | 96 | 50.9 | .423 | 21.55 | ..... | ..... | 74 | 11 | ..... | 10 | 4 | ..... | ..... |
| ..... | 1920.. | 29 | 87 | 48.1 | .576 | 28.58 | 9 | ..... | 79 | 8 | ..... | ..... | 3 | ..... | ..... |
| ..... | 1922.. | 31 | 77 | 47.6 | .595 | 28.48 | 21 | ..... | 65 | 13 | ..... | 1 | ..... | ..... | ..... |
| Female..... | 1907.. | 13 | 74 | 56.1 | .188 | (1) | ..... | ..... | ..... | ..... | ..... | 11 | 50 | 39 | ..... |
| ..... | 1908.. | 13 | 70 | 56.5 | .192 | (1) | ..... | ..... | ..... | ..... | ..... | 10 | 89 | 51 | ..... |
| ..... | 1909.. | 13 | 79 | 56.3 | .191 | (1) | ..... | ..... | ..... | ..... | ..... | 14 | 29 | 47 | ..... |
| ..... | 1910.. | 49 | 338 | 57.0 | .175 | 9.94 | ..... | ..... | (2) | 9 | ..... | 12 | 24 | 25 | 30 |
| ..... | 1911.. | 60 | 374 | 57.0 | .176 | 9.97 | ..... | ..... | ..... | 7 | ..... | 9 | 30 | 29 | 25 |
| ..... | 1912.. | 67 | 371 | 55.0 | .193 | 10.58 | ..... | ..... | 2 | 7 | ..... | 48 | 16 | 24 | 3 |
| ..... | 1913.. | 67 | 439 | 54.6 | .209 | 11.38 | ..... | ..... | 3 | 7 | ..... | 53 | 24 | 14 | ..... |
| ..... | 1914.. | 77 | 446 | 54.1 | .209 | 11.30 | ..... | ..... | 6 | 14 | ..... | 47 | 26 | 6 | ..... |
| ..... | 1916.. | 113 | 591 | 54.0 | .209 | 11.26 | ..... | ..... | 6 | 14 | ..... | 52 | 24 | 4 | ..... |
| ..... | 1918.. | 121 | 697 | 51.7 | .267 | 14.73 | (2) | ..... | 3 | 49 | ..... | 13 | 29 | 5 | 1 |
| ..... | 1920.. | 105 | 611 | 48.7 | .434 | 21.47 | 11 | 1 | 58 | 20 | (2) | 9 | 1 | 1 | ..... |
| ..... | 1922.. | 94 | 539 | 48.6 | .430 | 20.84 | 10 | ..... | 61 | 22 | ..... | 6 | 1 | ..... | ..... |
| Cutters, linings, hand: | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 58 | 233 | 47.8 | .665 | 32.88 | 18 | (2) | 64 | 13 | (2) | 2 | 2 | ..... | ..... |
| ..... | 1922.. | 66 | 229 | 48.0 | .684 | 32.82 | 14 | ..... | 68 | 14 | 1 | 2 | 1 | ..... | ..... |
| Cutters, linings, machine: | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 48 | 111 | 49.2 | .561 | 27.82 | 5 | 1 | 57 | 23 | 1 | 9 | 3 | 1 | ..... |
| ..... | 1922.. | 42 | 98 | 49.6 | .552 | 27.58 | 2 | ..... | 56 | 22 | ..... | 17 | 1 | 1 | ..... |

SOLE LEATHER DEPARTMENT.

| | | | | | | | | | | | | | | | |
|---------------------------------------|------|-----|-----|------|---------|---------|--|----|---|--|----|---|-----|----|----|
| Cutters, outsole: | | | | | | | | | | | | | | | |
| Male..... | 1907 | 10 | 50 | 54.8 | \$0.314 | (1) | | | | | | | 76 | 10 | 14 |
| | 1908 | 10 | 47 | 54.5 | .308 | (1) | | | | | | | 74 | 21 | 4 |
| | 1909 | 40 | 49 | 54.5 | .307 | (1) | | | | | | | 76 | 20 | 4 |
| | 1910 | 31 | 143 | 56.6 | .274 | \$15.44 | | | | | | | 34 | 20 | 14 |
| | 1911 | 36 | 146 | 56.6 | .278 | 15.70 | | | | | | | 39 | 27 | 14 |
| | 1912 | 42 | 177 | 56.2 | .281 | 15.75 | | | | | | 1 | 87 | 22 | 12 |
| | 1913 | 42 | 196 | 55.4 | .303 | 16.69 | | | | | | | 42 | 24 | 26 |
| | 1914 | 47 | 225 | 55.0 | .302 | 16.64 | | | | | 1 | | 4 | 40 | 8 |
| | 1916 | 64 | 345 | 54.7 | .307 | 16.74 | | | | | 8 | | 3 | 32 | 6 |
| | 1918 | 76 | 416 | 52.1 | .405 | 21.02 | | | | | 13 | | 31 | 26 | 5 |
| | 1920 | 60 | 331 | 48.4 | .716 | 34.79 | | | | | 18 | | 16 | 5 | 2 |
| | 1922 | 52 | 264 | 48.5 | .706 | 34.09 | | | | | 7 | | 19 | 5 | 1 |
| Cutters, insole: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 40 | 184 | 48.4 | .694 | 33.55 | | 4 | | | | | 78 | 13 | 1 |
| | 1922 | 43 | 193 | 48.3 | .680 | 32.77 | | 5 | | | | | 79 | 12 | 4 |
| Rounders, outsole or insole: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 73 | 161 | 48.8 | .576 | 28.21 | | 12 | 1 | | | | 58 | 14 | 1 |
| | 1922 | 76 | 158 | 48.9 | .563 | 27.48 | | 11 | | | | | 52 | 23 | 3 |
| Female..... | 1920 | 8 | 12 | 48.5 | .411 | 19.90 | | | | | | | 75 | 25 | |
| | 1922 | 4 | 5 | 48.8 | .293 | 13.04 | | | | | | | 100 | | |
| Channellers, outsole or insole: | | | | | | | | | | | | | | | |
| Male..... | 1907 | 10 | 23 | 55.1 | .283 | (1) | | | | | | | 17 | 35 | 39 |
| | 1908 | 10 | 23 | 55.1 | .296 | (1) | | | | | | | 17 | 35 | 39 |
| | 1909 | 10 | 23 | 54.7 | .306 | (1) | | | | | | | 17 | 44 | 30 |
| | 1910 | 44 | 138 | 56.3 | .296 | 16.61 | | | | | | | 3 | 28 | 35 |
| | 1911 | 57 | 157 | 56.3 | .289 | 16.21 | | | | | | | | 5 | 24 |
| | 1912 | 72 | 200 | 55.9 | .298 | 16.62 | | | | | | | | 6 | 26 |
| | 1913 | 75 | 196 | 55.4 | .333 | 18.42 | | | | | | | | 9 | 30 |
| | 1914 | 77 | 213 | 55.2 | .331 | 18.24 | | | | | | | | 12 | 23 |
| | 1916 | 107 | 285 | 55.0 | .340 | 18.09 | | | | | | | | 5 | 11 |
| | 1918 | 122 | 368 | 52.5 | .430 | 22.42 | | | | | | | | 12 | 12 |
| | 1920 | 108 | 240 | 48.8 | .696 | 34.23 | | | | | | | | 1 | 16 |
| | 1922 | 89 | 198 | 49.3 | .649 | 32.02 | | | | | | | | 1 | 10 |
| Cutters, top and heel lifts, machine: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 47 | 232 | 49.0 | .513 | 24.95 | | 12 | | | | | 47 | 27 | 11 |
| | 1922 | 43 | 364 | 48.5 | .537 | 25.99 | | 3 | | | | | 78 | 15 | 3 |
| Heel builders, hand: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 15 | 58 | 50.1 | .568 | 28.44 | | 2 | | | | | 48 | 19 | 31 |
| | 1922 | 15 | 49 | 50.4 | .495 | 24.74 | | 6 | | | | | 45 | 8 | 2 |
| Female..... | 1920 | 8 | 60 | 46.8 | .415 | 19.40 | | 35 | | | | | 62 | 39 | 3 |
| | 1922 | 9 | 34 | 48.0 | .429 | 20.46 | | 12 | | | | | 50 | 32 | 6 |
| Heel builders, machine: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 37 | 90 | 49.2 | .470 | 23.19 | | 10 | | | | | 43 | 33 | 9 |
| | 1922 | 33 | 119 | 48.9 | .497 | 24.29 | | 3 | | | | | 69 | 17 | 8 |
| Female..... | 1920 | 16 | 90 | 47.3 | .407 | 19.38 | | 27 | | | | | 61 | 12 | 3 |
| | 1922 | 17 | 214 | 48.3 | .411 | 19.85 | | | | | | | 93 | 3 | 3 |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|---|---------------------------|----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|------------------|-----------------------|------------------|--------------------|-----------------------|------------------|------------------|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| FITTING OR STITCHING DEPARTMENT. | | | | | | | | | | | | | | | |
| Stampers, linings or uppers: | | | | | | | | | | | | | | | |
| Male..... | 1920..... | 12 | 19 | 48.1 | \$.424 | \$20.59 | 11 | | 63 | 26 | | | | | |
| ..... | 1922..... | 11 | 14 | 49.4 | .411 | 20.36 | | | 43 | 50 | | | | | |
| Female..... | 1920..... | 91 | 281 | 48.0 | .393 | 19.02 | 17 | 1 | 52 | 28 | 1 | | | (²) | |
| ..... | 1922..... | 90 | 426 | 48.6 | .369 | 17.87 | 10 | | 60 | 23 | (²) 1 | 5 | 2 | (²) | |
| Cementers and doublers, hand and machine: | | | | | | | | | | | | | | | |
| Male..... | 1920..... | 14 | 21 | 47.5 | .453 | 21.78 | 14 | 14 | 48 | 24 | | | | | |
| ..... | 1922..... | 8 | 29 | 48.2 | .528 | 25.45 | 14 | | 59 | 28 | | | | | |
| Female..... | 1920..... | 107 | 1,133 | 48.6 | .353 | 17.29 | 11 | 1 | 56 | 25 | 1 | 5 | 2 | (²) | |
| ..... | 1922..... | 89 | 913 | 48.5 | .337 | 16.36 | 9 | (²) | 61 | 23 | 1 | 5 | 1 | (²) | |
| Folders, hand: | | | | | | | | | | | | | | | |
| Female..... | 1920..... | 48 | 379 | 47.8 | .424 | 21.09 | 15 | | 71 | 13 | | 2 | | | |
| ..... | 1922..... | 56 | 471 | 48.1 | .429 | 20.49 | 14 | | 67 | 15 | | 4 | | | |
| Folders, machine: | | | | | | | | | | | | | | | |
| Female..... | 1920..... | 74 | 390 | 48.9 | .402 | 19.78 | 9 | 1 | 55 | 22 | (²) | 11 | 2 | | |
| ..... | 1922..... | 71 | 355 | 48.7 | .391 | 19.02 | 10 | | 58 | 21 | 1 | 10 | 1 | | |
| Perforators: | | | | | | | | | | | | | | | |
| Male..... | 1920..... | 16 | 22 | 48.5 | .510 | 24.44 | 5 | | 77 | 14 | | | 5 | | |
| ..... | 1922..... | 28 | 60 | 49.0 | .482 | 23.68 | 12 | | 52 | 18 | | 18 | | | |
| Female..... | 1920..... | 82 | 218 | 48.2 | .434 | 21.19 | 15 | | 61 | 17 | 1 | 6 | (²) | | |
| ..... | 1922..... | 84 | 422 | 48.3 | .444 | 21.43 | 15 | | 59 | 20 | | 4 | (²) | | |
| Tip stitchers: | | | | | | | | | | | | | | | |
| Female..... | 1911..... | 36 | 134 | 55.8 | .205 | 11.38 | | | | | 7 | 28 | 24 | 37 | 4 |
| ..... | 1912..... | 79 | 335 | 54.9 | .208 | 11.36 | | | | 3 | 5 | 56 | 14 | 20 | 2 |
| ..... | 1913..... | 79 | 337 | 54.7 | .219 | 11.94 | | | | | 8 | 52 | 23 | 14 | |
| ..... | 1914..... | 83 | 348 | 54.2 | .219 | 11.87 | | | | 3 | 14 | 56 | 22 | 5 | |
| ..... | 1916..... | 124 | 442 | 54.0 | .231 | 12.45 | | | | 5 | 14 | 58 | 18 | 5 | |
| ..... | 1918..... | 125 | 437 | 51.8 | .288 | 14.86 | | | 3 | 46 | 17 | 29 | 5 | 1 | |
| ..... | 1920..... | 106 | 355 | 48.7 | .447 | 21.77 | 10 | 1 | 59 | 21 | 1 | 8 | (²) | 1 | |
| ..... | 1922..... | 92 | 362 | 48.6 | .424 | 20.68 | 9 | | 61 | 24 | 1 | 5 | 1 | | |
| Closers or seamers: | | | | | | | | | | | | | | | |
| Male..... | 1920..... | 10 | 19 | 47.6 | .628 | 30.72 | 11 | | 89 | | | | | | |
| ..... | 1922..... | 8 | 12 | 48.2 | .487 | 22.88 | 8 | | 67 | 25 | | | | | |
| Female..... | 1920..... | 97 | 441 | 48.8 | .396 | 19.48 | 12 | 1 | 54 | 19 | 1 | 12 | (²) | 1 | |
| ..... | 1922..... | 92 | 409 | 49.1 | .370 | 18.23 | 10 | | 49 | 26 | 3 | 12 | 1 | | |

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employ-ees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|---|---------------------------|-----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|-----|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| FITTING OR STITCHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | |
| Binders: | | | | | | | | | | | | | | | |
| Female..... | 1920 | 86 | 141 | 50.3 | \$0.455 | \$23.03 | 19 | 1 | 33 | 20 | 3 | 33 | 1 | 1 | |
| | 1922 | 49 | 257 | 49.3 | .485 | 23.75 | 11 | | 46 | 18 | 2 | 23 | (*) | | |
| Buttonhole makers: | | | | | | | | | | | | | | | |
| Female..... | 1911 | 33 | 108 | 56.3 | .178 | 9.83 | | | | 2 | 27 | 21 | 44 | 6 | |
| | 1912 | 74 | 468 | 55.1 | .180 | 9.87 | | | 3 | 6 | 55 | 9 | 24 | 4 | |
| | 1913 | 74 | 517 | 54.7 | .194 | 10.60 | | | 1 | 8 | 59 | 14 | 18 | | |
| | 1914 | 80 | 506 | 53.9 | .198 | 10.70 | | | 9 | 20 | 49 | 14 | 8 | | |
| | 1916 | 113 | 466 | 53.8 | .217 | 11.65 | | | 9 | 22 | 52 | 11 | 6 | | |
| | 1918 | 62 | 140 | 52.2 | .262 | 13.62 | | | 2 | 40 | 9 | 41 | 6 | 1 | |
| | 1920 | 46 | 70 | 49.3 | .391 | 19.48 | 10 | 46 | 26 | 1 | 16 | 1 | 1 | | |
| | 1922 | 47 | 83 | 49.6 | .369 | 18.20 | 11 | | 41 | 20 | 8 | 17 | 2 | | |
| Button fasteners: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 4 | 8 | 51.8 | .393 | 20.26 | | | 38 | 13 | | | 50 | | |
| | 1922 | 4 | 5 | 53.3 | .316 | 16.81 | | | | 20 | | 20 | 40 | | |
| Female..... | 1911 | 26 | 85 | 56.4 | .157 | 8.88 | | | | | 9 | 16 | 22 | 47 | 5 |
| | 1912 | 72 | 205 | 55.3 | .177 | 9.78 | | | | 1 | 7 | 49 | 8 | 28 | 4 |
| | 1913 | 72 | 232 | 54.8 | .199 | 10.95 | | | | 4 | 7 | 55 | 9 | 24 | |
| | 1914 | 66 | 196 | 53.7 | .197 | 10.57 | | | | 9 | 20 | 53 | 13 | 5 | |
| | 1916 | 94 | 195 | 53.8 | .211 | 11.32 | | | | 10 | 24 | 47 | 14 | 6 | |
| | 1918 | 64 | 102 | 52.7 | .280 | 12.06 | | | 3 | 30 | 6 | 53 | 6 | 2 | |
| | 1920 | 33 | 44 | 48.4 | .386 | 18.56 | 18 | 2 | 48 | 20 | 2 | 7 | 2 | 2 | |
| | 1922 | 44 | 76 | 49.2 | .338 | 16.51 | 14 | | 46 | 18 | 4 | 14 | 3 | | |
| Eyeleters: | | | | | | | | | | | | | | | |
| Male..... | 1920 | 31 | 75 | 48.4 | .582 | 28.08 | 11 | 1 | 71 | 5 | | 11 | 1 | | |
| | 1922 | 31 | 73 | 48.3 | .514 | 24.64 | 10 | | 71 | 11 | | 8 | | | |
| Female..... | 1918 | 92 | 223 | 51.7 | .268 | 13.64 | | | 4 | 47 | 17 | 26 | 6 | | |
| | 1920 | 92 | 232 | 48.7 | .442 | 21.61 | 13 | (*) | 50 | 26 | 1 | 8 | (*) | 1 | |
| | 1922 | 71 | 160 | 49.2 | .415 | 20.26 | 5 | | 48 | 37 | 2 | 8 | 1 | | |
| Vampers: | | | | | | | | | | | | | | | |
| Male..... | 1907 | 13 | 167 | 54.9 | .318 | (1) | | | | | 4 | 71 | 5 | 19 | |
| | 1908 | 13 | 99 | 55.2 | .287 | (1) | | | | | 18 | 41 | 15 | 25 | |
| | 1909 | 13 | 150 | 54.6 | .287 | (1) | | | | | 39 | 34 | 14 | 13 | |
| | 1910 | 33 | 263 | 55.5 | .293 | 16.24 | | | | | 18 | 25 | 24 | 22 | 11 |
| | 1911 | 51 | 343 | 55.5 | .315 | 17.42 | | | | | 6 | 40 | 27 | 18 | 8 |
| | 1912 | 66 | 483 | 55.0 | .306 | 16.76 | | | | 3 | 12 | 45 | 14 | 23 | 4 |

| | | | | | | | | | | | | | | |
|---------------------|-------|-----|-------|------|-------|-------|----|-----|-----|----|-----|----|----|----|
| 1913. | 66 | 554 | 54.8 | .320 | 17.47 | | | | 2 | 13 | 41 | 30 | 13 | 1 |
| 1914. | 65 | 534 | 54.0 | .312 | 17.04 | | | | 1 | 17 | 37 | 35 | 9 | 1 |
| 1916. | 82 | 624 | 54.6 | .333 | 18.14 | | | | 3 | 14 | 39 | 34 | 9 | 1 |
| 1918. | 83 | 573 | 51.5 | .442 | 22.73 | | | | 62 | 16 | 12 | 4 | 4 | 1 |
| 1920. | 55 | 400 | 47.9 | .700 | 33.85 | 11 | | 2 | 4 | | 3 | | | |
| 1922. | 52 | 357 | 47.8 | .628 | 30.09 | 18 | | 70 | 9 | | 3 | | | |
| Female..... | 1907. | 22 | 351 | 55.7 | .246 | (1) | | | 1 | 15 | 16 | 30 | 38 | |
| | 1908. | 22 | 321 | 55.9 | .242 | (1) | | | 1 | 6 | 19 | 37 | 38 | |
| | 1909. | 22 | 391 | 55.5 | .253 | (1) | | | 1 | 20 | 17 | 31 | 31 | |
| | 1910. | 53 | 863 | 56.9 | .238 | 13.46 | | | 2 | 5 | 14 | 24 | 28 | 27 |
| | 1911. | 71 | 1,124 | 56.5 | .238 | 13.46 | | | 2 | 4 | 17 | 26 | 28 | 23 |
| | 1912. | 79 | 1,088 | 55.1 | .230 | 12.68 | | | 1 | 1 | 53 | 11 | 24 | 4 |
| | 1913. | 79 | 1,072 | 54.7 | .246 | 13.45 | | | 1 | 6 | 58 | 20 | 14 | |
| | 1914. | 85 | 1,116 | 54.1 | .243 | 13.14 | | | 7 | 16 | 51 | 20 | 7 | |
| | 1916. | 121 | 1,383 | 53.9 | .254 | 13.66 | | | 8 | 18 | 54 | 14 | 6 | |
| | 1918. | 132 | 1,477 | 51.7 | .312 | 16.11 | | 4 | 49 | 11 | 30 | 4 | 2 | |
| | 1920. | 111 | 1,313 | 48.8 | .506 | 25.09 | 11 | 1 | 51 | 25 | 9 | 1 | 1 | |
| | 1922. | 98 | 1,142 | 49.0 | .480 | 23.54 | 6 | | 56 | 29 | 2 | 1 | | |
| Barrers: | | | | | | | | | | | | | | |
| Female..... | 1920. | 69 | 135 | 48.5 | .388 | 19.21 | 12 | 1 | 62 | 14 | 2 | 1 | | |
| | 1922. | 64 | 110 | 48.7 | .368 | 17.93 | 11 | | 53 | 27 | 1 | 8 | | |
| Tongue stitchers: | | | | | | | | | | | | | | |
| Female..... | 1920. | 69 | 194 | 48.8 | .343 | 16.95 | 10 | 2 | 58 | 19 | 2 | 8 | 1 | 2 |
| | 1922. | 63 | 205 | 48.7 | .362 | 17.75 | 4 | | 57 | 34 | (2) | 3 | | |
| Fancy stitchers: | | | | | | | | | | | | | | |
| Female..... | 1920. | 43 | 179 | 47.7 | .459 | 22.50 | 27 | | 46 | 23 | 3 | 1 | | |
| | 1922. | 75 | 764 | 48.6 | .444 | 21.54 | 17 | | 54 | 14 | | 14 | 1 | |
| Backstay stitchers: | | | | | | | | | | | | | | |
| Female..... | 1907. | 16 | 81 | 56.6 | .171 | (1) | | | | | 19 | 22 | 59 | |
| | 1908. | 16 | 73 | 56.5 | .186 | (1) | | | | | 17 | 29 | 54 | |
| | 1909. | 16 | 91 | 56.3 | .177 | (1) | | | | | 23 | 27 | 49 | |
| | 1910. | 49 | 307 | 56.6 | .177 | 9.95 | | | (2) | 10 | 11 | 27 | 27 | 22 |
| | 1911. | 67 | 392 | 56.5 | .185 | 10.42 | | | | 7 | 18 | 28 | 31 | 16 |
| | 1912. | 78 | 426 | 55.1 | .187 | 10.31 | | | 3 | 2 | 54 | 11 | 26 | 4 |
| | 1913. | 78 | 389 | 54.7 | .195 | 10.62 | | | 3 | 3 | 53 | 29 | 11 | |
| | 1914. | 82 | 432 | 54.3 | .197 | 10.68 | | | 3 | 9 | 58 | 25 | 6 | |
| | 1916. | 125 | 575 | 54.0 | .213 | 11.47 | | | 7 | 11 | 57 | 20 | 5 | |
| | 1918. | 124 | 560 | 51.9 | .261 | 13.49 | | 4 | 46 | 11 | 34 | 4 | 1 | |
| | 1920. | 98 | 428 | 48.7 | .417 | 28.52 | 8 | (2) | 57 | 25 | 1 | | | |
| | 1922. | 83 | 402 | 48.8 | .378 | 18.47 | 4 | | 61 | 28 | 2 | 4 | | |
| Table workers: | | | | | | | | | | | | | | |
| Female..... | 1920. | 47 | 332 | 47.3 | .327 | 15.78 | 27 | 2 | 58 | 14 | (2) | | | |
| | 1922. | 86 | 797 | 48.7 | .285 | 13.85 | 11 | | 53 | 25 | 2 | 8 | 1 | |
| Lacers: | | | | | | | | | | | | | | |
| Male..... | 1920. | 9 | 14 | 48.1 | .441 | 21.48 | 7 | | 73 | 22 | | | | |
| | 1922. | 8 | 12 | 47.8 | .325 | 14.39 | 17 | | 67 | 17 | | | | |
| Female..... | 1920. | 86 | 193 | 48.5 | .348 | 18.94 | 15 | 2 | 54 | 19 | 2 | 7 | 1 | 1 |
| | 1922. | 71 | 142 | 48.5 | .367 | 17.86 | 8 | | 61 | 15 | 12 | 4 | | |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employes. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | |
|--|---------------------------|---------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|------------------|-----------------------|------------------|------------------|-----------------------|------------------|-----|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| LASTING DEPARTMENT. | | | | | | | | | | | | | | |
| Last pickers or sorters: | | | | | | | | | | | | | | |
| Male..... | 1920.. | 72 | 271 | 48.3 | \$0.456 | \$22.05 | 14 | | 64 | 15 | | 6 | (²) | |
| ..... | 1922.. | 81 | 238 | 48.8 | .426 | 20.78 | 10 | | 58 | 21 | | 11 | | |
| Assemblers, for pulling-over machine: | | | | | | | | | | | | | | |
| Male..... | 1911.. | 17 | 218 | 55.4 | .274 | 15.14 | | | | | | 43 | 32 | 23 |
| ..... | 1912.. | 50 | 542 | 55.8 | .238 | 13.21 | | | | 6 | | 5 | 32 | 18 |
| ..... | 1913.. | 54 | 597 | 55.4 | .272 | 15.01 | | | | 2 | | 5 | 41 | 27 |
| ..... | 1914.. | 64 | 708 | 55.3 | .279 | 15.37 | | | | 6 | | 7 | 27 | 33 |
| ..... | 1916.. | 97 | 801 | 55.0 | .291 | 16.02 | | | | 4 | | 9 | 34 | 34 |
| ..... | 1918.. | 102 | 726 | 52.6 | .398 | 20.85 | | | 5 | | | 38 | 12 | 24 |
| ..... | 1920.. | 88 | 691 | 48.6 | .638 | 31.49 | 10 | (²) | 60 | 20 | (²) | 9 | (²) | |
| ..... | 1922.. | 70 | 593 | 49.0 | .567 | 27.94 | 4 | | 61 | 23 | (²) | 12 | 1 | |
| Female..... | 1920.. | 23 | 77 | 48.5 | .500 | 24.20 | 23 | | 55 | 6 | | 4 | 6 | 1 |
| ..... | 1922.. | 15 | 58 | 49.0 | .434 | 21.35 | 5 | | 74 | 5 | | 5 | 2 | 9 |
| Pullers-over, hand: | | | | | | | | | | | | | | |
| Male..... | 1907.. | 13 | 345 | 56.6 | .256 | (¹) | | | | | | | 22 | 21 |
| ..... | 1908.. | 13 | 330 | 56.6 | .249 | (¹) | | | | | | | 22 | 19 |
| ..... | 1909.. | 13 | 366 | 56.2 | .287 | (¹) | | | | | | | 30 | 22 |
| ..... | 1910.. | 35 | 784 | 56.4 | .291 | 16.38 | | | | 1 | | 2 | 26 | 23 |
| ..... | 1911.. | 45 | 897 | 56.3 | .312 | 17.50 | | | | | | 3 | 29 | 26 |
| ..... | 1912.. | 52 | 1,036 | 55.3 | .316 | 17.41 | | | | 2 | | 11 | 33 | 28 |
| ..... | 1913.. | 52 | 937 | 55.3 | .333 | 18.37 | | | | | | 7 | 37 | 35 |
| ..... | 1914.. | 49 | 749 | 54.9 | .350 | 19.21 | | | | (²) | | 8 | 30 | 40 |
| ..... | 1916.. | 46 | 543 | 54.8 | .347 | 18.99 | | | | (²) | | 12 | 35 | 41 |
| ..... | 1918.. | 35 | 344 | 51.7 | .478 | 24.62 | | | | 64 | | 12 | 4 | 11 |
| ..... | 1920.. | 25 | 211 | 47.0 | .803 | 38.17 | 46 | | 37 | 13 | | 2 | 2 | |
| ..... | 1922.. | 16 | 97 | 46.7 | .813 | 38.29 | 59 | | 24 | 3 | | 11 | 3 | |
| Pullers-over, machine: | | | | | | | | | | | | | | |
| Male..... | 1910.. | 31 | 251 | 57.4 | .320 | 18.37 | | | | | | | 20 | 14 |
| ..... | 1911.. | 43 | 328 | 56.1 | .325 | 18.18 | | | | | | | 34 | 37 |
| ..... | 1912.. | 60 | 402 | 55.8 | .312 | 17.39 | | | | 2 | | 9 | 37 | 16 |
| ..... | 1913.. | 60 | 421 | 55.4 | .351 | 19.42 | | | | | | 5 | 43 | 25 |
| ..... | 1914.. | 71 | 443 | 55.5 | .356 | 19.66 | | | | 4 | | 7 | 24 | 39 |
| ..... | 1916.. | 116 | 640 | 55.0 | .377 | 20.70 | | | | 5 | | 8 | 27 | 43 |
| ..... | 1918.. | 124 | 612 | 52.6 | .512 | 26.77 | | | 3 | | | 41 | 10 | 22 |
| ..... | 1920.. | 101 | 552 | 48.8 | .837 | 41.08 | 10 | 1 | 56 | 21 | | 1 | 10 | 1 |
| ..... | 1922.. | 91 | 554 | 48.9 | .732 | 36.06 | 8 | | 56 | 23 | | 1 | 11 | 1 |

| | | | | | | | | | | | | | | | |
|---|--------|-----|-------|------|------|------------------|----|------------------|----|----|----|----|----|----|------------------|
| Side lasters, hand: | | | | | | | | | | | | | | | |
| Male..... | 1913.. | 20 | 224 | 54.2 | .303 | 16.40 | | | | | 43 | 27 | 24 | 6 | |
| | 1914.. | 20 | 237 | 54.0 | .308 | 16.59 | | | | | 50 | 19 | 27 | 4 | (²) |
| | 1916.. | 40 | 358 | 54.1 | .325 | 17.57 | | | | | 34 | 29 | 27 | 5 | 1 |
| | 1918.. | 43 | 394 | 51.9 | .440 | 22.74 | | | | 51 | 29 | 7 | 10 | 3 | |
| | 1920.. | 42 | 445 | 48.2 | .708 | 35.35 | 9 | (²) | 74 | 12 | | | 1 | | |
| | 1922.. | 31 | 362 | 47.8 | .614 | 29.28 | 22 | | 54 | 18 | 2 | 4 | | | |
| Side lasters, machine: | | | | | | | | | | | | | | | |
| Male..... | 1913.. | 16 | 155 | 56.1 | .323 | 18.23 | | | | | | 41 | 22 | 34 | 4 |
| | 1914.. | 16 | 167 | 54.3 | .343 | 18.54 | | | | 19 | | 35 | 32 | 11 | 4 |
| | 1916.. | 45 | 291 | 54.9 | .339 | 18.53 | | | | 2 | 9 | 33 | 43 | 9 | 4 |
| | 1918.. | 57 | 292 | 52.2 | .468 | 24.35 | | | 8 | 45 | 9 | 14 | 14 | 9 | 1 |
| | 1920.. | 51 | 322 | 48.9 | .772 | 37.68 | 8 | | 63 | 16 | | 11 | 2 | | |
| | 1922.. | 56 | 338 | 49.3 | .620 | 30.79 | 4 | 16 | 43 | 21 | 2 | 13 | 2 | | |
| Bed-machine operators: | | | | | | | | | | | | | | | |
| Male..... | 1907.. | 15 | 246 | 54.7 | .350 | (¹) | | | | | 22 | 51 | 9 | 18 | |
| | 1908.. | 15 | 300 | 54.8 | .334 | (¹) | | | | | 8 | 65 | 10 | 17 | |
| | 1909.. | 15 | 307 | 54.8 | .342 | (¹) | | | | | 10 | 62 | 11 | 17 | |
| | 1910.. | 35 | 513 | 56.4 | .311 | 17.50 | | | | | 3 | 33 | 15 | 30 | 19 |
| | 1911.. | 54 | 793 | 56.1 | .321 | 17.96 | | | | | 3 | 33 | 25 | 23 | 15 |
| | 1912.. | 65 | 1,127 | 55.6 | .300 | 16.67 | | | | | 9 | 40 | 19 | 22 | 11 |
| | 1913.. | 65 | 1,220 | 55.2 | .330 | 18.21 | | | | | 10 | 41 | 29 | 16 | 3 |
| | 1914.. | 70 | 1,173 | 55.1 | .321 | 17.68 | | | | | 15 | 30 | 38 | 14 | 3 |
| | 1916.. | 93 | 1,336 | 55.0 | .349 | 19.13 | | | | 2 | 15 | 31 | 37 | 12 | 4 |
| | 1918.. | 104 | 1,303 | 52.1 | .500 | 25.98 | | | 2 | 51 | 14 | 15 | 10 | 7 | (²) |
| | 1920.. | 93 | 1,252 | 48.7 | .789 | 38.61 | 8 | (²) | 67 | 14 | | 10 | 1 | | |
| | 1922.. | 86 | 1,167 | 48.9 | .668 | 32.78 | 8 | | 60 | 18 | 1 | 12 | 1 | | |
| Hand method lasting-machine operators: | | | | | | | | | | | | | | | |
| Male..... | 1907.. | 6 | 99 | 57.1 | .311 | (¹) | | | | | | | 39 | 61 | |
| | 1908.. | 6 | 89 | 56.6 | .307 | (¹) | | | | | | | 54 | 46 | |
| | 1909.. | 6 | 75 | 56.7 | .309 | (¹) | | | | | | | 52 | 48 | |
| | 1910.. | 33 | 325 | 57.4 | .306 | 17.49 | | | | | | 12 | 28 | 27 | 33 |
| | 1911.. | 39 | 477 | 57.0 | .316 | 17.96 | | | | | | 20 | 29 | 24 | 28 |
| | 1912.. | 39 | 478 | 55.8 | .324 | 18.03 | | | | 5 | | 39 | 18 | 20 | 18 |
| | 1913.. | 41 | 449 | 55.3 | .357 | 19.72 | | | | | 3 | 45 | 32 | 15 | 6 |
| | 1914.. | 41 | 456 | 55.5 | .348 | 19.25 | | | | | 9 | 14 | 48 | 28 | 3 |
| | 1916.. | 66 | 556 | 55.1 | .361 | 19.82 | | | | | 8 | 3 | 24 | 47 | 2 |
| | 1918.. | 59 | 411 | 52.9 | .479 | 25.22 | | | 9 | 34 | 2 | 24 | 16 | 14 | (²) |
| | 1920.. | 30 | 213 | 48.9 | .795 | 39.06 | 31 | | 15 | 35 | 4 | 13 | | 3 | |
| | 1922.. | 27 | 173 | 49.3 | .735 | 36.38 | 15 | | 21 | 51 | 2 | 11 | | | |
| Turn lasters, hand: | | | | | | | | | | | | | | | |
| Male..... | 1912.. | 28 | 452 | 55.6 | .275 | 15.25 | | | | | 24 | 12 | 16 | 28 | 20 |
| | 1913.. | 28 | 524 | 55.0 | .310 | 17.00 | | | | | 27 | 23 | 17 | 28 | 5 |
| | 1914.. | 31 | 689 | 54.4 | .324 | 17.56 | | | | 12 | 16 | 10 | 49 | 5 | |
| | 1916.. | 42 | 974 | 54.9 | .365 | 20.07 | | | | 7 | 14 | 16 | 44 | 8 | 17 |
| | 1918.. | 35 | 752 | 53.8 | .453 | 24.34 | | | | 18 | 22 | 10 | 42 | 9 | 1 |
| | 1920.. | 33 | 666 | 47.1 | .880 | 42.49 | 30 | 2 | 49 | 10 | | | 9 | | |
| | 1922.. | 30 | 571 | 48.5 | .732 | 35.76 | 15 | | 57 | 18 | 2 | | 8 | | |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|--------------------------------------|---------------------------|----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|-----|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| LASTING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | |
| Turn lasters, machine: | | | | | | | | | | | | | | | |
| Male.....1920.. | 19 | 102 | 48.6 | \$0.736 | \$37.35 | 3 | | | 61 | 36 | | | | | |
| 1922.. | 7 | 31 | 48.1 | .630 | 30.50 | 10 | | | 68 | 23 | | | | | |
| Turn sewers: | | | | | | | | | | | | | | | |
| Male.....1916.. | 29 | 81 | 54.4 | .442 | 24.09 | | | | | 12 | 11 | 17 | 47 | 12 | |
| 1918.. | 25 | 67 | 53.7 | .506 | 26.75 | | | | | 24 | 13 | 13 | 40 | 9 | |
| 1920.. | 30 | 71 | 49.1 | .926 | 46.26 | 17 | 1 | 44 | | 29 | | | 18 | | |
| 1922.. | 25 | 56 | 49.8 | .891 | 40.14 | 13 | | 53 | | 11 | | | 15 | 9 | |
| Tack pullers, hand: | | | | | | | | | | | | | | | |
| Male.....1920.. | 39 | 155 | 47.8 | .471 | 22.53 | 17 | | | 63 | 20 | | | | | |
| 1922.. | 38 | 114 | 47.9 | .471 | 22.58 | 18 | | | 65 | 13 | | 4 | | | |
| Tack pullers, machine: | | | | | | | | | | | | | | | |
| Male.....1920.. | 70 | 270 | 48.9 | .448 | 21.88 | 8 | 1 | 63 | 15 | | 12 | | | | |
| 1922.. | 62 | 234 | 49.0 | .399 | 19.68 | 7 | | 60 | 18 | (?) | 14 | (?) | | | |
| Female.....1920.. | 7 | 21 | 49.0 | .349 | 16.94 | 5 | | 67 | 14 | | 14 | | | | |
| 1922.. | 5 | 23 | 48.9 | .299 | 14.57 | | | 57 | 43 | | 14 | | | | |
| BOTTOMING DEPARTMENT. | | | | | | | | | | | | | | | |
| Goodyear welters: | | | | | | | | | | | | | | | |
| Male.....1907.. | 14 | 67 | 55.9 | \$0.409 | (1) | | | | | | 33 | 28 | 39 | | |
| 1908.. | 14 | 70 | 56.0 | .409 | (3) | | | | | | 33 | 26 | 41 | | |
| 1909.. | 14 | 74 | 55.7 | .444 | (1) | | | | | | 36 | 28 | 35 | | |
| 1910.. | 45 | 275 | 56.2 | .437 | \$24.49 | | | | 1 | 7 | 29 | 23 | 22 | 19 | |
| 1911.. | 60 | 392 | 56.0 | .452 | 25.21 | | | | | 7 | 34 | 24 | 20 | 16 | |
| 1912.. | 70 | 466 | 55.8 | .445 | 24.75 | | | | | 9 | 38 | 20 | 21 | 13 | |
| 1913.. | 70 | 472 | 55.3 | .501 | 27.60 | | | | | 9 | 40 | 29 | 18 | 3 | |
| 1914.. | 74 | 439 | 55.2 | .503 | 27.68 | | | | | 11 | 33 | 38 | 15 | 3 | |
| 1916.. | 89 | 467 | 54.9 | .520 | 28.50 | | | | 1 | 15 | 34 | 33 | 12 | 4 | |
| 1918.. | 93 | 469 | 52.3 | .620 | 32.29 | | | | 49 | 16 | 18 | 13 | 7 | (?) | |
| 1920.. | 80 | 415 | 48.6 | .974 | 47.81 | 7 | (?) | 68 | 16 | | 8 | (?) | | | |
| 1922.. | 74 | 375 | 48.4 | .889 | 43.30 | 12 | 1 | 63 | 16 | 3 | 5 | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|-----|-----|------|------|-------|----|------------------|--|----|----|------------------|----|------------------|----|----|------------------|
| Welt beaters and slashers: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 70 | 156 | 48.6 | .588 | 28.85 | 14 | | | 56 | 17 | 3 | 10 | 1 | | | |
| | 1922. | 63 | 107 | 48.9 | .531 | 25.98 | 8 | | | 58 | 21 | | 12 | | | | |
| Bottom fillers, hand and machine: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 69 | 131 | 48.7 | .568 | 27.20 | 9 | 1 | | 58 | 22 | | 9 | 1 | | | |
| | 1922. | 69 | 125 | 48.7 | .500 | 24.45 | 9 | | | 62 | 19 | | 9 | 2 | | | |
| Sole cementers, hand and machine: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 70 | 134 | 48.8 | .425 | 20.85 | 9 | 1 | | 63 | 16 | | 10 | 1 | 1 | | |
| | 1922. | 68 | 143 | 48.8 | .408 | 20.11 | 10 | | | 55 | 21 | 1 | 12 | 1 | | | |
| Female..... | 1920. | 20 | 30 | 48.9 | .336 | 16.33 | 13 | | | 40 | 33 | 7 | 3 | 3 | | | |
| | 1922. | 8 | 10 | 50.3 | .343 | 17.41 | | | | 30 | 50 | | 10 | 10 | | | |
| Sole layers, hand: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 17 | 43 | 49.4 | .597 | 28.39 | 5 | | | 42 | 40 | | 14 | | | | |
| | 1922. | 7 | 9 | 47.1 | .619 | 29.15 | 22 | | | 78 | | | | | | | |
| Sole layers, machine: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 77 | 206 | 48.4 | .718 | 34.39 | 16 | 1 | | 57 | 14 | (¹) | 10 | 1 | | | |
| | 1922. | 79 | 229 | 48.6 | .645 | 31.32 | 13 | 1 | | 46 | 33 | 1 | 7 | | | | |
| Rough rounders: | | | | | | | | | | | | | | | | | |
| Male..... | 1907. | 15 | 48 | 56.0 | .387 | (1) | | | | | | | 27 | 31 | 42 | | |
| | 1908. | 15 | 49 | 58.0 | .368 | (1) | | | | | | | 27 | 33 | 41 | | |
| | 1909. | 15 | 54 | 85.8 | .434 | (1) | | | | | | | 33 | 30 | 37 | | |
| | 1910. | 44 | 165 | 56.7 | .406 | 22.85 | | | | 1 | | | 25 | 24 | 27 | 24 | |
| | 1911. | 60 | 221 | 56.3 | .436 | 24.44 | | | | | | | 29 | 31 | 19 | 19 | |
| | 1912. | 69 | 273 | 55.9 | .435 | 24.21 | | | | | 1 | | 34 | 22 | 21 | 15 | |
| | 1913. | 69 | 265 | 55.2 | .497 | 27.37 | | | | | 8 | | 37 | 32 | 18 | 3 | |
| | 1914. | 73 | 252 | 55.1 | .503 | 27.64 | | | | | 10 | | 13 | 29 | 40 | 13 | 4 |
| | 1916. | 91 | 296 | 54.9 | .491 | 26.89 | | | | 1 | | | 16 | 31 | 35 | 12 | 4 |
| | 1918. | 97 | 285 | 52.4 | .593 | 31.99 | | | | | 48 | | 13 | 16 | 14 | 8 | (¹) |
| | 1920. | 82 | 240 | 48.7 | .928 | 45.68 | 8 | (¹) | | 65 | 16 | | 10 | 1 | 1 | | |
| | 1922. | 75 | 228 | 48.7 | .818 | 40.00 | 8 | | | 66 | 14 | | 10 | 1 | 1 | | |
| Channel openers and channel closers: | | | | | | | | | | | | | | | | | |
| Male..... | 1920. | 87 | 280 | 49.0 | .488 | 23.75 | 8 | | | 57 | 22 | | 13 | (¹) | | | |
| | 1922. | 73 | 255 | 49.2 | .443 | 21.76 | 8 | | | 51 | 25 | 1 | 13 | 2 | | | |
| Female..... | 1920. | 17 | 44 | 49.8 | .338 | 17.66 | 2 | | | 55 | 20 | | 20 | | 2 | | |
| | 1922. | 14 | 29 | 50.0 | .380 | 19.64 | 3 | | | 38 | 34 | | 24 | | | | |
| Coodyear stitchers: | | | | | | | | | | | | | | | | | |
| Male..... | 1907. | 21 | 215 | 55.3 | .403 | (1) | | | | | | | 11 | 43 | 21 | 25 | |
| | 1908. | 21 | 214 | 55.1 | .376 | (1) | | | | | | | 10 | 43 | 28 | 20 | |
| | 1909. | 21 | 221 | 55.3 | .394 | (1) | | | | | | | 12 | 34 | 30 | 24 | |
| | 1910. | 45 | 366 | 56.3 | .374 | 20.97 | | | | | | | 6 | 24 | 26 | 24 | 19 |
| | 1911. | 61 | 529 | 55.9 | .357 | 21.56 | | | | 1 | | | 6 | 24 | 26 | 24 | |
| | 1912. | 70 | 627 | 55.9 | .376 | 20.96 | | | | | | | 5 | 35 | 25 | 21 | 14 |
| | 1913. | 70 | 642 | 55.2 | .399 | 21.96 | | | | | | | 6 | 37 | 20 | 20 | 17 |
| | 1914. | 74 | 594 | 55.1 | .410 | 22.57 | | | | | | | 9 | 42 | 29 | 19 | 2 |
| | 1916. | 97 | 656 | 54.8 | .437 | 23.87 | | | | | | | 12 | 32 | 39 | 14 | 2 |
| | 1918. | 105 | 680 | 52.4 | .527 | 27.47 | | | | | 2 | | 15 | 35 | 33 | 12 | 3 |
| | 1920. | 86 | 599 | 48.6 | .818 | 40.07 | 7 | (¹) | | 68 | 15 | | 15 | 9 | 13 | 9 | (¹) |
| | 1922. | 77 | 543 | 48.6 | .755 | 36.67 | 8 | | | 67 | 15 | | 9 | 1 | 1 | | |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employ-ees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|--|---------------------------|-----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|-----|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| BOTTOMING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | |
| McKay sewers: | | | | | | | | | | | | | | | |
| Male..... | 1907.. | 5 | 34 | 55.2 | \$0.288 | (1) | | | | | 41 | | 32 | 26 | |
| | 1908.. | 5 | 25 | 55.3 | .311 | (1) | | | | | 36 | | 36 | 28 | |
| | 1909.. | 5 | 28 | 55.7 | .274 | (1) | | | | | 32 | | 29 | 29 | |
| | 1910.. | 28 | 95 | 57.1 | .290 | \$16.46 | | | | 1 | 11 | 5 | 25 | 32 | 26 |
| | 1911.. | 30 | 129 | 56.5 | .296 | 16.68 | | | | | 10 | 7 | 38 | 33 | 12 |
| | 1912.. | 32 | 131 | 56.1 | .286 | 16.00 | | | | | 2 | 20 | 32 | 40 | 6 |
| | 1913.. | 32 | 136 | 55.6 | .319 | 17.70 | | | | | 4 | 26 | 46 | 22 | 3 |
| | 1914.. | 39 | 147 | 55.7 | .338 | 18.77 | | | | 5 | 5 | 4 | 56 | 24 | 5 |
| | 1916.. | 61 | 210 | 55.2 | .349 | 19.51 | | | | 7 | 7 | 20 | 42 | 18 | 6 |
| | 1918.. | 62 | 203 | 52.9 | .449 | 23.56 | | | 4 | 34 | 8 | 31 | 15 | 9 | |
| | 1920.. | 45 | 158 | 49.4 | .711 | 35.53 | | 23 | 1 | 26 | 23 | 3 | 3 | 1 | |
| | 1922.. | 39 | 138 | 50.2 | .659 | 33.33 | | 10 | | 22 | 40 | 4 | 22 | 2 | |
| Stitch separators: | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 63 | 156 | 49.0 | .558 | 27.16 | | 10 | 1 | 54 | 19 | | 15 | | 1 |
| | 1922.. | 45 | 108 | 48.7 | .498 | 24.45 | | 6 | | 63 | 21 | | 7 | | |
| Levelers: | | | | | | | | | | | | | | | |
| Male..... | 1911.. | 36 | 102 | 55.8 | .297 | 16.49 | | | | | 7 | 31 | 23 | 36 | 3 |
| | 1912.. | 75 | 266 | 55.9 | .286 | 15.90 | | | | | 9 | 30 | 24 | 23 | 14 |
| | 1913.. | 75 | 289 | 55.2 | .304 | 16.74 | | | | | 12 | 33 | 31 | 22 | 2 |
| | 1920.. | 94 | 323 | 48.9 | .650 | 32.09 | | 8 | 1 | 54 | 27 | (2) | 8 | 1 | |
| | 1922.. | 96 | 318 | 49.0 | .580 | 28.43 | | 10 | | 50 | 26 | | 8 | 1 | |
| Heelers, leather: | | | | | | | | | | | | | | | |
| Male..... | 1911.. | 31 | 115 | 55.8 | .403 | 22.52 | | | | | 9 | 29 | 23 | 38 | 2 |
| | 1912.. | 67 | 254 | 56.2 | .378 | 21.17 | | | | | 4 | 34 | 19 | 27 | 16 |
| | 1913.. | 72 | 291 | 55.3 | .424 | 23.32 | | | | | 7 | 42 | 30 | 19 | 3 |
| | 1914.. | 84 | 324 | 55.3 | .402 | 22.18 | | | | | 2 | 12 | 23 | 40 | 4 |
| | 1916.. | 130 | 440 | 55.0 | .430 | 23.59 | | | | | 5 | 13 | 26 | 37 | 15 |
| | 1918.. | 137 | 419 | 52.8 | .502 | 26.37 | | | 3 | 37 | 13 | 19 | 19 | 9 | (2) |
| | 1920.. | 111 | 382 | 48.7 | .832 | 40.73 | | 13 | 1 | 55 | 20 | 1 | 9 | 1 | |
| | 1922.. | 98 | 348 | 48.9 | .759 | 37.15 | | 10 | | 53 | 25 | 1 | 9 | 1 | |
| Heelers, wood: | | | | | | | | | | | | | | | |
| Male..... | 1918.. | 18 | 248 | 54.1 | .477 | 25.61 | | | 19 | 27 | 12 | 15 | 25 | | |
| | 1920.. | 33 | 533 | 47.4 | .899 | 42.92 | | 22 | | 66 | 11 | (2) | | | |
| | 1922.. | 27 | 245 | 47.9 | .706 | 33.54 | | 17 | | 62 | 20 | | | | |

| | | | | | | | | | | | | | | | | |
|----------------------------------|------|-------|------|------|-------|----|---|----|----|---|-----|----|----|-----|-----|--|
| Heel trimmers or shavers: | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | |
| 1907. | 23 | 99 | 55.1 | .438 | (1) | | | | | | 25 | 24 | 29 | 21 | | |
| 1908. | 23 | 84 | 55.2 | .439 | (1) | | | | | | 18 | 26 | 34 | 21 | | |
| 1909. | 23 | 82 | 55.3 | .447 | (1) | | | | | | 15 | 27 | 34 | 24 | | |
| 1910. | 55 | 189 | 56.6 | .410 | 23.03 | | | | 1 | | 9 | 14 | 29 | 26 | 21 | |
| 1911. | 71 | 246 | 56.5 | .415 | 23.32 | | | | | | 7 | 19 | 33 | 24 | 17 | |
| 1912. | 81 | 252 | 56.0 | .420 | 23.39 | | | | | | 7 | 30 | 24 | 26 | 13 | |
| 1913. | 81 | 277 | 55.4 | .448 | 24.74 | | | | | | 11 | 32 | 33 | 21 | 3 | |
| 1914. | 85 | 277 | 55.2 | .433 | 23.88 | | | | 2 | | 13 | 18 | 46 | 17 | 3 | |
| 1916. | 121 | 367 | 54.9 | .449 | 24.55 | | | | 4 | | 15 | 24 | 40 | 12 | 4 | |
| 1918. | 128 | 350 | 52.6 | .535 | 27.99 | | | 3 | 40 | | 14 | 17 | 18 | 7 | (?) | |
| 1920. | 103 | 294 | 48.8 | .891 | 44.26 | 13 | 1 | 52 | 21 | | 1 | 10 | 2 | (?) | | |
| 1922. | 94 | 246 | 48.9 | .853 | 38.04 | 11 | | 51 | 24 | | 1 | 11 | 2 | | | |
| Heel breakers: | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | |
| 1911. | 35 | 76 | 56.1 | .291 | 16.23 | | | | | | 3 | 26 | 26 | 41 | 4 | |
| 1912. | 75 | 163 | 55.9 | .295 | 16.36 | | | | | | 10 | 29 | 23 | 25 | 13 | |
| 1913. | 75 | 171 | 55.4 | .313 | 17.27 | | | | | | 10 | 33 | 33 | 20 | 4 | |
| 1914. | 82 | 173 | 55.3 | .303 | 16.71 | | | | 2 | | 12 | 20 | 45 | 19 | 2 | |
| 1916. | 111 | 232 | 54.8 | .319 | 17.50 | | | | 3 | | 14 | 25 | 43 | 10 | 5 | |
| 1918. | 113 | 218 | 52.9 | .412 | 21.70 | | | 2 | 37 | | 17 | 15 | 20 | 9 | 1 | |
| 1920. | 100 | 195 | 48.3 | .721 | 35.38 | 13 | 1 | 52 | 22 | | 1 | 9 | 3 | | | |
| 1922. | 80 | 161 | 49.2 | .537 | 29.05 | 10 | | 49 | 25 | | 1 | 12 | 2 | | | |
| Edge trimmers: | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | |
| 1907. | 23 | 283 | 55.3 | .404 | (1) | | | | | | 16 | 33 | 24 | 27 | | |
| 1908. | 23 | 302 | 55.1 | .386 | (1) | | | | | | 16 | 37 | 26 | 21 | | |
| 1909. | 23 | 297 | 55.2 | .397 | (1) | | | | | | 16 | 32 | 29 | 23 | | |
| 1910. | 55 | 573 | 56.4 | .382 | 21.44 | | | | 1 | | 10 | 20 | 24 | 24 | 21 | |
| 1911. | 71 | 765 | 56.5 | .389 | 21.73 | | | | | | 7 | 29 | 26 | 23 | 15 | |
| 1912. | 81 | 827 | 55.9 | .380 | 21.15 | | | | | | 6 | 34 | 21 | 26 | 12 | |
| 1913. | 81 | 833 | 55.4 | .410 | 22.66 | | | | | | 6 | 37 | 34 | 19 | 4 | |
| 1914. | 85 | 896 | 55.1 | .400 | 22.01 | | | | 2 | | 11 | 25 | 43 | 16 | 2 | |
| 1916. | 129 | 1,081 | 54.9 | .423 | 23.16 | | | | 5 | | 12 | 29 | 40 | 12 | 3 | |
| 1918. | 138 | 1,015 | 52.5 | .545 | 28.44 | | | 3 | 43 | | 13 | 19 | 15 | 8 | (?) | |
| 1920. | 112. | 823 | 48.7 | .904 | 44.19 | | 1 | 59 | 19 | | (?) | 9 | 1 | 1 | | |
| 1922. | 100 | 789 | 48.9 | .764 | 37.36 | 11 | | 55 | 24 | | 1 | 10 | 1 | 1 | | |
| Sluggers: | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | |
| 1920. | 79 | 153 | 49.2 | .601 | 29.67 | 8 | 1 | 54 | 20 | 1 | 1 | 14 | 1 | 1 | | |
| 1922. | 68 | 96 | 49.2 | .547 | 28.95 | 9 | | 46 | 28 | 4 | 4 | 9 | 3 | | | |

¹ No data.

² Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Continued.

| Occupation, sex, and year. | Number of establishments. | Number of employes. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|------------------------------|---------------------------|---------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|-----|----------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| FINISHING DEPARTMENT. | | | | | | | | | | | | | | | |
| Buffers: | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | |
| 1911..... | 36 | 174 | 55.8 | \$0.294 | \$16.37 | | | | | | | | | | |
| 1912..... | 72 | 338 | 56.0 | .289 | 16.09 | | | | | | | | | | |
| 1913..... | 72 | 353 | 55.3 | .318 | 17.52 | | | | | | | | | | |
| 1914..... | 81 | 396 | 55.3 | .309 | 17.05 | | | | | | | | | | |
| 1916..... | 129 | 535 | 54.9 | .327 | 17.92 | | | | | | | | | | |
| 1918..... | 129 | 476 | 52.7 | .424 | 22.20 | | | | 4 | 39 | 12 | 17 | 19 | 9 | (1) |
| 1920..... | 111 | 449 | 48.8 | .728 | 35.69 | 14 | 1 | 61 | 10 | 1 | 9 | 3 | 3 | 1 | |
| 1922..... | 98 | 408 | 49.0 | .630 | 30.95 | 11 | | 49 | 27 | 2 | 9 | 2 | | | |
| Edge setters: | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | |
| 1907..... | 18 | 134 | 56.0 | .400 | (1) | | | | | | | 23 | 37 | 40 | |
| 1908..... | 18 | 142 | 56.2 | .351 | (1) | | | | | | | 20 | 34 | 46 | |
| 1909..... | 18 | 150 | 56.1 | .381 | (1) | | | | | | | 23 | 35 | 41 | |
| 1910..... | 54 | 590 | 56.3 | .373 | 20.94 | | | | 1 | 18 | 17 | 25 | 26 | 26 | 18 |
| 1911..... | 68 | 722 | 56.3 | .380 | 21.29 | | | | | 8 | 26 | 24 | 25 | 17 | |
| 1912..... | 78 | 789 | 55.8 | .379 | 21.05 | | | | | 7 | 35 | 24 | 22 | 13 | |
| 1913..... | 77 | 826 | 55.3 | .411 | 22.70 | | | | | 8 | 36 | 33 | 19 | 3 | |
| 1914..... | 86 | 872 | 55.2 | .410 | 22.54 | | | | | 3 | 13 | 21 | 43 | 17 | 3 |
| 1916..... | 131 | 966 | 54.9 | .414 | 22.62 | | | | | 5 | 13 | 27 | 39 | 13 | 3 |
| 1918..... | 188 | 924 | 52.7 | .525 | 27.57 | | | | 2 | 40 | 15 | 17 | 18 | 8 | (2) |
| 1920..... | 112 | 845 | 48.7 | .873 | 42.84 | 11 | (2) | 58 | 21 | 8 | 8 | 2 | 2 | (2) | |
| 1922..... | 99 | 779 | 48.9 | .757 | 37.02 | 9 | | 55 | 22 | (2) | 1 | 9 | 2 | | |
| Heel scourers: | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | |
| 1911..... | 35 | 125 | 54.8 | .291 | 16.12 | | | | | | 6 | 35 | 24 | 34 | 2 |
| 1912..... | 78 | 342 | 56.0 | .289 | 16.09 | | | | | | 6 | 34 | 20 | 26 | 15 |
| 1913..... | 78 | 364 | 55.4 | .314 | 17.35 | | | | | | 10 | 34 | 34 | 18 | 5 |
| 1914..... | 84 | 372 | 55.3 | .310 | 17.10 | | | | | | 2 | 12 | 21 | 43 | 4 |
| 1916..... | 125 | 504 | 55.0 | .346 | 18.94 | | | | | | 4 | 14 | 26 | 39 | 4 |
| 1918..... | 129 | 470 | 52.7 | .438 | 22.92 | | | | 4 | 38 | 12 | 20 | 16 | 9 | |
| 1920..... | 108 | 451 | 48.7 | .726 | 35.38 | 12 | 1 | 57 | 18 | 1 | 9 | 2 | 2 | (2) | |
| 1922..... | 97 | 421 | 48.9 | .607 | 29.79 | 10 | | 53 | 23 | 1 | 11 | 1 | | | |
| Heel burnishers: | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | |
| 1911..... | 33 | 106 | 55.6 | .306 | 16.97 | | | | | | 2 | 40 | 25 | 32 | 1 |
| 1912..... | 74 | 254 | 56.1 | .292 | 16.31 | | | | | | 5 | 33 | 22 | 25 | 15 |
| 1913..... | 75 | 280 | 55.5 | .317 | 17.54 | | | | | | 5 | 30 | 32 | 20 | 4 |
| 1914..... | 84 | 283 | 55.5 | .322 | 17.86 | | | | | | 1 | 9 | 21 | 43 | 4 |
| 1916..... | 127 | 367 | 55.2 | .325 | 17.84 | | | | | | 4 | 9 | 27 | 30 | 5 |

| | | | | | | | | | | | | | | | |
|----------------------------------|-------|-----|-------|------|-----|-------|----|-----|----|----|-----|----|-----|----|-----|
| | 1918. | 128 | 325 | 52.8 | 433 | 22.66 | | | 2 | 42 | 10 | 18 | 18 | 10 | (*) |
| | 1920. | 304 | 704 | 48.7 | 704 | 34.50 | 14 | 1 | 60 | 22 | 2 | 8 | 1 | 1 | |
| | 1922. | 92 | 300 | 48.9 | 584 | 28.75 | 10 | | 51 | 27 | 1 | 10 | 1 | 1 | |
| Brushers: | | | | | | | | | | | | | | | |
| Male..... | 1920. | 86 | 300 | 48.4 | 474 | 22.96 | 18 | (*) | 54 | 17 | 1 | 9 | 1 | | |
| | 1922. | 80 | 298 | 48.9 | 431 | 21.10 | 7 | | 59 | 28 | 1 | 7 | 3 | | |
| Female..... | 1920. | 17 | 36 | 49.6 | 350 | 16.62 | 3 | | 47 | 36 | | 11 | | 3 | |
| | 1922. | 10 | 24 | 50.5 | 324 | 16.42 | 4 | | 18 | 50 | 17 | 17 | | | |
| Shoe cleaners: | | | | | | | | | | | | | | | |
| Male..... | 1920. | 34 | 109 | 48.1 | 488 | 23.10 | 21 | | 44 | 28 | 1 | 6 | | | |
| | 1922. | 36 | 150 | 49.0 | 431 | 21.15 | 11 | | 36 | 45 | 3 | 6 | | | |
| Female..... | 1920. | 28 | 175 | 48.8 | 331 | 16.09 | 24 | 1 | 34 | 26 | | 15 | | | |
| | 1922. | 33 | 193 | 48.1 | 325 | 15.79 | 22 | | 45 | 32 | 2 | 1 | | | |
| Last pullers: | | | | | | | | | | | | | | | |
| Male..... | 1920. | 97 | 266 | 48.9 | 524 | 25.34 | 13 | 2 | 50 | 22 | (*) | 9 | 3 | 1 | |
| | 1922. | 88 | 233 | 49.0 | 460 | 22.74 | 10 | | 48 | 27 | 5 | 8 | 2 | | |
| Trees: | | | | | | | | | | | | | | | |
| Male..... | 1907. | 17 | 381 | 54.7 | 305 | (1) | | | | | 28 | 40 | 19 | 13 | |
| | 1908. | 17 | 364 | 54.5 | 294 | (1) | | | | | 29 | 36 | 28 | 6 | |
| | 1909. | 17 | 377 | 54.6 | 293 | (1) | | | | | 28 | 33 | 30 | 9 | |
| | 1910. | 44 | 832 | 55.9 | 259 | 14.42 | | | | | 21 | 17 | 27 | 18 | |
| | 1911. | 63 | 1,006 | 56.0 | 267 | 14.84 | | | | | 10 | 26 | 31 | 18 | 17 |
| | 1912. | 73 | 1,143 | 55.8 | 266 | 14.76 | | | | | 10 | 34 | 23 | 19 | 14 |
| | 1913. | 73 | 1,110 | 65.3 | 282 | 15.54 | | | | | 11 | 37 | 29 | 20 | 3 |
| | 1914. | 80 | 1,204 | 55.3 | 279 | 15.38 | | | | | 14 | 27 | 38 | 18 | 2 |
| | 1916. | 124 | 1,652 | 54.9 | 291 | 15.94 | | | 3 | 2 | 18 | 36 | 29 | 10 | |
| | 1918. | 125 | 1,387 | 52.3 | 403 | 20.98 | | 2 | 7 | 42 | 18 | 11 | 15 | 5 | (*) |
| | 1920. | 98 | 1,106 | 48.3 | 677 | 33.08 | 12 | 11 | 53 | 16 | 4 | 8 | | | |
| | 1922. | 90 | 970 | 48.6 | 577 | 28.12 | 12 | | 59 | 18 | 1 | 9 | 1 | | |
| Female..... | 1910. | 8 | 74 | 67.8 | 143 | 8.19 | | | | | | 30 | | 43 | 27 |
| | 1911. | 11 | 85 | 58.1 | 145 | 8.32 | | | | | | 27 | | 29 | 44 |
| | 1912. | 13 | 108 | 54.4 | 163 | 8.32 | | | | | 10 | 62 | 12 | 16 | |
| | 1913. | 18 | 110 | 54.6 | 158 | 8.56 | | | | | 18 | 55 | | 26 | |
| | 1914. | 18 | 107 | 52.1 | 175 | 9.06 | | | | 41 | 40 | 9 | 7 | | |
| | 1916. | 15 | 144 | 53.1 | 188 | 9.93 | | | | 14 | 41 | 37 | 8 | | |
| | 1918. | 31 | 211 | 53.3 | 232 | 12.25 | | | | 31 | 8 | 36 | 14 | 11 | |
| | 1920. | 37 | 296 | 49.7 | 403 | 19.95 | | 5 | 36 | 27 | 1 | 14 | 4 | 4 | |
| | 1922. | 35 | 228 | 49.3 | 396 | 19.51 | 9 | 2 | 54 | 31 | 2 | 10 | 1 | | |
| Repairers (not cobblers): | | | | | | | | | | | | | | | |
| Male..... | 1920. | 57 | 169 | 48.1 | 505 | 24.37 | 15 | 1 | 66 | 11 | 1 | 6 | | | |
| | 1922. | 49 | 126 | 48.3 | 462 | 22.30 | 13 | | 63 | 16 | 2 | 6 | | | |
| Female..... | 1920. | 87 | 711 | 47.7 | 392 | 18.69 | 26 | (*) | 54 | 13 | 1 | 5 | (*) | | |
| | 1922. | 79 | 668 | 48.2 | 377 | 18.18 | 16 | | 62 | 13 | 1 | 6 | 1 | | |
| Dressers: | | | | | | | | | | | | | | | |
| Male..... | 1920. | 11 | 16 | 47.6 | 391 | 18.47 | 25 | | 50 | 25 | | | | | |
| | 1922. | 14 | 18 | 48.6 | 395 | 19.04 | 17 | | 44 | 28 | | 11 | | | |
| Female..... | 1920. | 78 | 253 | 48.5 | 367 | 17.81 | 15 | 1 | 57 | 15 | 1 | 9 | 1 | 1 | |
| | 1922. | 73 | 288 | 49.0 | 339 | 17.35 | 5 | | 54 | 31 | 2 | 7 | 1 | | |

No data.

* Less than 1 per cent.

TABLE 1.—AVERAGE HOURS AND EARNINGS, AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1907 TO 1922—Concluded.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average full-time hours per week. | Average earnings per hour. | Average full-time earnings per week. | Per cent of employees whose full-time hours per week were— | | | | | | | | | |
|--|---------------------------|----------------------|-----------------------------------|----------------------------|--------------------------------------|--|-----------------------|------------------|-----------------------|------------------|-----|-----------------------|------------------|------------------|------------------|
| | | | | | | 45 or less. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60. | Over 60. |
| FINISHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | |
| Sock liners: | | | | | | | | | | | | | | | |
| Male.....1920.. | 14 | 30 | 48.8 | \$.381 | \$18.70 | 13 | | 60 | 7 | | 20 | | | | |
|1922.. | 11 | 21 | 48.5 | .378 | 18.25 | 14 | | 62 | 14 | | 5 | 5 | | | |
| Female.....1920.. | 95 | 321 | 48.7 | .374 | 18.13 | 16 | 1 | 54 | 16 | 2 | 10 | 1 | 1 | | |
|1922.. | 90 | 279 | 49.0 | .355 | 17.36 | 11 | | 49 | 25 | (?) | 13 | | 1 | | |
| Lacers: | | | | | | | | | | | | | | | |
| Male.....1920.. | 9 | 11 | 48.5 | .444 | 20.70 | 18 | | 36 | 36 | | 9 | | | | |
|1922.. | 4 | 7 | 47.9 | .281 | 13.71 | 14 | | 71 | 14 | | | | | | |
| Female.....1920.. | 89 | 304 | 48.7 | .323 | 15.64 | 12 | | 58 | 21 | (?) | 8 | 1 | 1 | | |
|1922.. | 82 | 235 | 48.9 | .304 | 14.81 | 7 | | 57 | 25 | | 10 | | 1 | | |
| Packers: | | | | | | | | | | | | | | | |
| Male.....1920.. | 38 | 96 | 49.2 | .470 | 24.02 | 14 | | 35 | 36 | 1 | 19 | 1 | | | |
|1922.. | 17 | 43 | 50.0 | .477 | 23.75 | 2 | | 58 | 7 | 2 | 28 | 2 | | | |
| Female.....1920.. | 100 | 503 | 48.3 | .353 | 17.10 | 19 | 1 | 54 | 15 | 1 | 9 | (?) | 1 | | |
|1922.. | 90 | 397 | 48.2 | .351 | 16.97 | 21 | | 49 | 21 | 2 | 5 | 1 | | | |
| ALL DEPARTMENTS. | | | | | | | | | | | | | | | |
| Other employees: | | | | | | | | | | | | | | | |
| Male.....1914.. | 91 | 20,887 | 55.0 | \$.224 | \$12.29 | | | (³) | 3 | 11 | 23 | 43 | 17 | 4 | (²) |
|1916.. | 135 | 24,010 | 55.0 | .243 | 13.35 | | | (²) | 4 | 12 | 29 | 37 | 13 | 3 | (²) |
|1918.. | 143 | 23,324 | 52.7 | .327 | 17.17 | | | 4 ³ | 40 | 14 | 19 | 14 | 8 | 1 | |
|1920.. | 117 | 10,445 | 48.7 | .518 | 25.22 | 11 | (²) | 60 | 17 | (²) | 9 | 3 | (²) | | |
|1922.. | 104 | 10,133 | 49.0 | .461 | 22.58 | 7 | (²) | 63 | 17 | 1 | 9 | 1 | (²) | 1 | |
| Female.....1914.. | 89 | 12,347 | 54.0 | .168 | 9.05 | | | (³) | 5 | 17 | 56 | 16 | 6 | (²) | |
|1916.. | 134 | 14,851 | 53.8 | .178 | 9.62 | | | 4 ¹ | 8 | 16 | 55 | 16 | 5 | | |
|1918.. | 142 | 16,007 | 51.8 | .226 | 11.67 | | | 4 ³ | 48 | 15 | 30 | 5 | | | |
|1920.. | 116 | 6,964 | 48.6 | .361 | 17.73 | 11 | (²) | 59 | 18 | 1 | 9 | 1 | 1 | | |
|1922.. | 101 | 5,074 | 48.8 | .334 | 16.39 | 8 | (²) | 64 | 16 | 2 | 10 | 1 | | | |

² Less than 1 per cent.

³ Less than 1 per cent and for those whose full-time hours per week as classified for this year were "48 and under."

⁴ For those whose full-time hours per week as classified for this year were "48 and under."

It will be observed that data are not shown in the above table or in any other table of this report for "Other employees" for any year prior to 1914. Data covering "Other employees" were not collected prior to that year.

The table also shows that the number of "Other employees" (males and females combined) in 1920 and in 1922 is 17,409 and 15,207, respectively, compared with 33,234 in 1914; 38,861 in 1916; and 39,331 in 1918. The decrease in the numbers is due principally to the fact that in 1914, 1916, and 1918, the data for "Other employees" included 39 occupations reported separately for 1920 and 1922.

EXPLANATION OF SCOPE AND METHOD.

The 1922 data used in this bulletin are for employees of establishments engaged wholly or mainly in the production of men's, women's, or children's shoes by the welt, McKay, turn, or stitch-down process.

During the 1922 period covered by this report 18 of the 104 establishments for which data are presented produced men's shoes only; 8 produced men's and women's; 16 produced men's and boy's; 9 produced men's, women's, and children's; 29 produced women's; and 24 produced women's and children's shoes. Welt shoes were produced by 38 establishments; welt and McKay by 15; welt and turn by 12; welt, McKay, and turn by 11; McKay by 18; McKay and turn by 2; turn by 2; turn and stitch down by 2; welt and nailed by 1; McKay and nailed by 1; welt, McKay, turn, and stitch down by 1; and stitch down by 1.

Data were not collected from any establishment in which 50 per cent or more of the products were pegged shoes, nailed shoes, or slippers.

All data were obtained from pay rolls of the various establishments by the agents of the bureau. The number of establishments from which data have been obtained has varied considerably from year to year since 1907. The number by years is as follows:

| | Number of establishments. |
|-----------|------------------------------|
| 1907..... | 26 |
| 1908..... | 26 |
| 1909..... | 26 |
| 1910..... | 60 |
| 1911..... | 81 |
| 1912..... | 81 |
| 1913..... | 88 |
| 1914..... | 91 |
| 1916..... | 136 |
| 1918..... | 143 |
| 1920..... | 117 |
| 1922..... | 104 |

In selecting establishments from which to obtain data the bureau undertook to represent all States in which boot and shoe manufacturing is of material importance, the measure of importance being the number of wage earners as reported by the United States Census of Manufactures. Table 2, which follows, shows by States the number of wage earners in this industry as reported by the United States census, 1919; the number of establishments from which the bureau obtained data for 1922, and the number of employees in such establishments.

TABLE 2.—TOTAL NUMBER OF WAGE EARNERS IN BOOT AND SHOE MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN IN 1922.

| State. | Number of wage earners reported by United States census, 1919. | Number of establishments and employees for which data are shown for 1922 in this report. | |
|---------------------------------|--|--|------------|
| | | Establishments. | Employees. |
| Massachusetts..... | 80,166 | 26 | 13,040 |
| New York..... | 34,710 | 12 | 6,153 |
| Missouri..... | 17,458 | 9 | 6,569 |
| Ohio..... | 14,092 | 8 | 4,632 |
| Pennsylvania..... | 13,317 | 10 | 3,146 |
| New Hampshire..... | 12,336 | 9 | 3,604 |
| Maine..... | 9,919 | 5 | 2,885 |
| Illinois..... | 7,684 | 5 | 2,766 |
| Wisconsin..... | 7,598 | 5 | 1,270 |
| New Jersey..... | 2,835 | 5 | 881 |
| Minnesota..... | 2,153 | 3 | 731 |
| Michigan..... | 1,120 | 3 | 557 |
| Virginia..... | (¹) | 4 | 1,177 |
| Other States ² | 7,661 | ..... | ..... |
| Total..... | 211,049 | 104 | 47,361 |

¹Included in "Other States" in 1914 and 1919. In 1910 there were 2,711.

²Virginia, Alabama, California, Connecticut, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Nebraska, North Carolina, Oklahoma, Oregon, Rhode Island, Tennessee, Texas, Utah, Vermont, Washington, and West Virginia.

According to the census of 1919 approximately 96 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the bureau obtained 1922 data and for which detailed information for 1922 is presented in this report is more than 22 per cent of the total number of persons in the industry in 1919.

Full-time hours per week are the regular or customary hours during which, under normal conditions, employees of an occupation or of an establishment have an opportunity to work. Full-time hours per week, as presented in the tables of this report, do not in any way indicate the amount of employment or the amount of unemployment during any of the pay-roll periods covered in any of the years for which data are shown. Some employees of an occupation or of an establishment may have worked more than full time during the pay-roll period taken, due to overtime work, while others may have worked less than full time on account of having been sick, disabled or laid off part time, or of having been in service less than full time on account of termination of service before the end of the pay-roll period covered or of having entered service after the beginning of the period.

The amount of employment and conversely of unemployment is indicated in the comparison of "Average full-time hours per week" with "Average hours actually worked in one pay-roll period," which averages are shown in parallel columns in Table A, pages 40 to 91. The average in one column shows the possible hours of opportunity for work under normal conditions, while the average in the other column shows the number actually worked.

The average earnings per hour for employees of each occupation, as presented in the various tables of this report, were computed by dividing the combined earnings of all employees in the occupation during the pay-roll period by the combined hours worked by all employees in the occupation.

No separation has been made of piece workers and time workers.

In establishments in which no record was regularly kept of the actual time worked by employees at piece work, a day-by-day record of all time actually worked by each employee who did any piece work during the pay-roll period covered was kept by the establishments at the request of the agent of the bureau.

Average full-time hours per week for employees of each occupation were computed by dividing the combined full-time hours per week of all employees in the occupation by the number of employees in the occupation during the pay-roll period covered. The full-time hours per week for each employee were used in arriving at this average even though some employees worked more or less than full time on account of overtime, sickness, disability, or some other cause.

Average full-time earnings per week for employees of each occupation were computed by multiplying the average earnings per hour of all employees in the occupation by the average full-time hours per week. This assumes that the earnings for full time would have been at the same average rate per hour during the time that was actually worked in the week covered.

Table 3 shows for each of 14 of the most important occupations, and for each of the years 1913 to 1922 for which data are available, the number of establishments, the number of employees, the average earnings per hour, and the per cent of employees at each classified group of earnings per hour.

Data are shown for 1922 for males in 13 and for females in 8 of the 14 selected occupations. The males in these particular occupations represent 28 per cent of the total number of males covered by the study and the females in this table represent 31 per cent of the total number of females. The males and females combined represent 29 per cent of all employees (47,361) covered. The primary purpose of this table is to show the trend in the classified rates per hour.

In reading line 1 of the table it will be observed that data are shown for vamp and whole shoe cutters, males, for 1913 for 71 establishments and 1,987 employees; that the average earnings per hour in 1913 was \$0.351; that less than 1 per cent of the 1,987 employees earned "12 and under 16 cents" per hour; 2 per cent earned "16 and under 20 cents"; 8 per cent earned "20 and under 25 cents"; 15 per cent earned "25 and under 30 cents"; 53 per cent earned "30 and under 40 cents"; 17 per cent earned "40 and under 50 cents"; and 5 per cent earned "50 cents or over" per hour.

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND YEARS, 1913 TO 1922.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average earnings per hour. | Per cent of employees whose earnings per hour were— | | | | | | | | | | | | | |
|--|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| CUTTING DEPARTMENT. | | | | | | | | | | | | | | | | | |
| Cutters, vamp and whole shoe, hand: | | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | | |
| 1913..... | 71 | 1,987 | \$0.351 | | (1) | 2 | 8 | 15 | 53 | 17 | 2 | 5 | | | | | |
| 1914..... | 75 | 1,812 | .366 | | 1 | 2 | 6 | 11 | 50 | 20 | 2 | 10 | | | | | |
| 1916..... | 113 | 2,355 | .375 | | (1) | 1 | 6 | 12 | 46 | 26 | 2 | 9 | | | | | |
| 1918..... | 114 | 2,319 | .484 | | (1) | 1 | 2 | 4 | 18 | 24 | 3 | 34 | 11 | 3 | 5 | | |
| 1920..... | 91 | 2,050 | .329 | | | | | (1) | 2 | 5 | 9 | 11 | 12 | 17 | 23 | 16 | 5 |
| 1922..... | 84 | 1,915 | .787 | | | | (1) | (1) | 3 | 7 | 11 | 13 | 15 | 20 | 10 | 17 | 4 |
| Skivers, upper: | | | | | | | | | | | | | | | | | |
| Male..... | | | | | | | | | | | | | | | | | |
| 1913..... | 32 | 134 | .299 | | 4 | 6 | 9 | 25 | 46 | 7 | 2 | 3 | | | | | |
| 1914..... | 29 | 116 | .299 | | 3 | 9 | 7 | 13 | 58 | 9 | 2 | 1 | | | | | |
| 1916..... | 32 | 124 | .311 | 2 | 3 | 2 | 9 | 15 | 57 | 7 | 2 | 4 | | | | | |
| 1918..... | 23 | 96 | .423 | | 3 | 2 | 1 | 5 | 49 | 22 | 7 | 7 | 3 | 6 | | | |
| 1920..... | 29 | 87 | .576 | | 1 | 2 | 2 | 6 | 11 | 9 | 3 | 7 | 3 | 17 | 3 | 5 | |
| 1922..... | 31 | 77 | .595 | | | | 3 | | 14 | 9 | 3 | 7 | 10 | 7 | 10 | | 1 |
| Female..... | | | | | | | | | | | | | | | | | |
| 1913..... | 67 | 439 | .209 | 5 | 13 | 28 | 31 | 15 | 7 | 1 | | | | | | | |
| 1914..... | 77 | 446 | .209 | 4 | 15 | 29 | 27 | 16 | 7 | 1 | | | | | | | |
| 1916..... | 113 | 591 | .209 | 6 | 17 | 26 | 27 | 13 | 10 | 1 | 2 | | | | | | |
| 1918..... | 121 | 697 | .267 | 1 | 6 | 15 | 27 | 18 | 28 | 5 | 1 | | | | | | |
| 1920..... | 105 | 611 | .434 | | (1) | 2 | 3 | 12 | 30 | 22 | 18 | | 6 | 4 | 1 | 1 | 1 |
| 1922..... | 94 | 539 | .430 | | (1) | 1 | 5 | 11 | 30 | 23 | 19 | | 5 | 3 | 3 | 1 | (1) |

FITTING OR STITCHING DEPARTMENT.

| | | | | | | | | | | | | | | | | | |
|--|--------|-----|-------|---------|-----|-----|-----|-----|----|----|-----|-----|-----|----|-----|-----|-----|
| Cementers and doublers, hand and machine: | | | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 14 | 21 | \$0.453 | | | | | | | | | | | | | |
| | 1922.. | 8 | 29 | .528 | | | | | | | | | | | | | |
| Female..... | 1920.. | 107 | 1,133 | .353 | | 2 | 6 | 16 | 16 | 21 | 17 | 17 | 7 | 7 | 10 | 3 | 3 |
| | 1922.. | 89 | 913 | .337 | (1) | 2 | 5 | 18 | 21 | 23 | 15 | 9 | 4 | 2 | | (1) | (1) |
| Lining makers: | | | | | | | | | | | | | | | | | |
| Female..... | 1913.. | 80 | 854 | .190 | 13 | 21 | 25 | 26 | 10 | 6 | (1) | | | | | | |
| | 1914.. | 84 | 852 | .189 | 12 | 21 | 27 | 26 | 9 | 5 | (1) | | | | | | |
| | 1916.. | 126 | 1,004 | .198 | 10 | 19 | 25 | 26 | 13 | 7 | 1 | (4) | | | | | |
| | 1918.. | 132 | 1,138 | .241 | 3 | 12 | 19 | 25 | 19 | 19 | 3 | 1 | | | | | |
| | 1920.. | 112 | 1,149 | .378 | | (1) | 3 | 7 | 15 | 34 | 24 | 10 | 4 | 1 | (1) | | (1) |
| | 1922.. | 97 | 1,065 | .362 | | 1 | 3 | 14 | 17 | 32 | 20 | 8 | 4 | 2 | 1 | (1) | (1) |
| Top stitchers: | | | | | | | | | | | | | | | | | |
| Male..... | 1920.. | 16 | 57 | .639 | | | | | | 7 | 25 | 18 | 25 | 4 | 9 | | |
| | 1922.. | 19 | 64 | .657 | | | 2 | | 3 | 5 | 30 | 14 | 13 | 5 | 11 | 6 | 3 |
| Female..... | 1913.. | 82 | 1,070 | .210 | 4 | 20 | 23 | 29 | 16 | 7 | 1 | | | | | | |
| | 1914.. | 86 | 1,076 | .212 | 5 | 16 | 24 | 31 | 15 | 8 | 2 | (4) | | | | | |
| | 1916.. | 128 | 1,427 | .220 | 4 | 15 | 22 | 31 | 17 | 10 | 2 | (4) | | | | | |
| | 1918.. | 135 | 1,364 | .285 | 1 | 4 | 11 | 20 | 22 | 31 | 8 | 2 | (1) | | | | |
| | 1920.. | 112 | 1,187 | .448 | | (1) | 1 | 4 | 9 | 24 | 27 | 19 | 10 | 4 | 1 | 1 | (1) |
| | 1922.. | 100 | 1,195 | .433 | (1) | (1) | 1 | 8 | 11 | 27 | 23 | 14 | 7 | 3 | 2 | 1 | 2 |
| Vampers: | | | | | | | | | | | | | | | | | |
| Male..... | 1913.. | 66 | 554 | .320 | | 2 | 6 | 12 | 21 | 41 | 17 | 2 | | | | | |
| | 1914.. | 65 | 534 | .312 | 1 | 2 | 6 | 17 | 20 | 37 | 14 | 2 | | | | | |
| | 1916.. | 82 | 624 | .333 | | 1 | 5 | 13 | 16 | 44 | 16 | 2 | | | | | |
| | 1918.. | 83 | 573 | .442 | | | 1 | 2 | 6 | 28 | 34 | 19 | 7 | 2 | | | |
| | 1920.. | 55 | 400 | .790 | | | | (1) | 1 | 4 | 10 | 14 | 22 | 21 | 13 | 8 | 7 |
| | 1922.. | 52 | 357 | .628 | | | | 1 | 2 | 11 | 15 | 18 | 21 | 11 | 9 | 6 | 4 |
| Female..... | 1913.. | 79 | 1,072 | .246 | 1 | 8 | 18 | 31 | 22 | 17 | 3 | (4) | | | | | |
| | 1914.. | 85 | 1,116 | .243 | 2 | 9 | 20 | 27 | 22 | 19 | 2 | (4) | | | | | |
| | 1916.. | 121 | 1,383 | .254 | 2 | 6 | 15 | 27 | 24 | 22 | 3 | (4) | | | | | |
| | 1918.. | 132 | 1,477 | .312 | (1) | 3 | 8 | 18 | 19 | 35 | 14 | 3 | 1 | | | | |
| | 1920.. | 111 | 1,313 | .506 | | (1) | 1 | 3 | 6 | 17 | 21 | 22 | 16 | 8 | 3 | 1 | 1 |
| | 1922.. | 98 | 1,142 | .480 | | (1) | (1) | 4 | 8 | 22 | 21 | 20 | 13 | 6 | 3 | 1 | 1 |

¹ Less than 1 per cent.

² Grouped under "50 cents and over" in previous report.

³ Grouped under "70 cents and over" in previous report.

⁴ Less than 1 per cent and grouped under "50 cents and over" in previous report.

EXPLANATION OF SCOPE AND METHOD.

TABLE 3.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND YEARS, 1913 TO 1922—Concluded.

| Occupation, sex, and year. | Number of establishments. | Number of employees. | Average earnings per hour. | Per cent of employees whose earnings per hour were— | | | | | | | | | | | | | |
|--|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| LASTING DEPARTMENT. | | | | | | | | | | | | | | | | | |
| Assemblers, for pulling-over machine: | | | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | | | |
| 1913.. | 54 | 597 | \$0.272 | 1 | 4 | 12 | 28 | 22 | 25 | 8 | (1) | | | | | | |
| 1914.. | 64 | 708 | .279 | 1 | 4 | 11 | 22 | 21 | 32 | 6 | 2 | | | | | | |
| 1916.. | 97 | 801 | .291 | 1 | 4 | 10 | 19 | 23 | 31 | 10 | 2 | | | | | | |
| 1918.. | 102 | 726 | .398 | | (1) | 4 | 9 | 11 | 29 | 26 | 15 | 5 | 2 | | | | |
| 1920.. | 88 | 691 | .638 | | | (1) | 2 | 3 | 9 | 12 | 15 | 17 | 18 | 12 | 5 | 4 | 2 |
| 1922.. | 70 | 593 | .567 | | (1) | 1 | 2 | 3 | 14 | 18 | 16 | 26 | 10 | 6 | 3 | 2 | 1 |
| Female | | | | | | | | | | | | | | | | | |
| 1920.. | 23 | 77 | .500 | | | | 1 | 12 | 21 | 18 | 16 | 13 | 14 | 4 | | 1 | |
| 1922.. | 15 | 58 | .434 | | | 2 | 3 | | 45 | 24 | 16 | 5 | 2 | 3 | | | |
| Bed-machine operators: | | | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | | | |
| 1913.. | 65 | 1,220 | .330 | | (1) | 3 | 10 | 25 | 45 | 14 | 3 | | | | | | |
| 1914.. | 70 | 1,173 | .321 | (1) | 1 | 4 | 11 | 24 | 45 | 12 | 3 | | | | | | |
| 1916.. | 93 | 1,336 | .349 | (1) | 1 | 2 | 9 | 19 | 43 | 20 | 6 | | | | | | |
| 1918.. | 104 | 1,303 | .500 | | (1) | (1) | 1 | 4 | 14 | 30 | 32 | 12 | 6 | | | | |
| 1920.. | 93 | 1,252 | .789 | | | | (1) | (1) | 2 | 5 | 10 | 15 | 20 | 19 | 13 | 12 | 3 |
| 1922.. | 36 | 1,167 | .668 | | (1) | | (1) | (1) | 4 | 13 | 18 | 26 | 16 | 9 | 7 | 5 | 1 |
| Turn lasters, hand: | | | | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | | | | |
| 1913.. | 28 | 524 | .310 | | 1 | 4 | 12 | 27 | 48 | 6 | 2 | | | | | | |
| 1914.. | 31 | 689 | .324 | 1 | 2 | 4 | 15 | 22 | 35 | 17 | 4 | | | | | | |
| 1916.. | 42 | 974 | .365 | | (1) | 2 | 10 | 20 | 33 | 24 | 2 | | | | | | |
| 1918.. | 35 | 752 | .453 | (1) | (1) | 1 | 3 | 5 | 26 | 31 | 22 | 8 | 3 | | | | |
| 1920.. | 33 | 666 | .880 | | | | | | 1 | 4 | 12 | 11 | 16 | 12 | 11 | 18 | 10 |
| 1922.. | 30 | 571 | .732 | | | | (1) | 1 | 4 | 11 | 13 | 14 | 13 | 17 | 10 | 9 | 5 |

To aid in making comparisons from year to year of full-time hours per week, of rates of wages or earnings per hour, and of full-time earnings per week, index numbers have been computed and are here presented in Table 4 for the years 1910 to 1922 for the industry as a whole and for each occupation for which averages are shown in Table 1 for 1913. These index numbers for each occupation are based on the averages shown in Table 1, and are simply percentages with the 1913 averages taken as the basis, or 100 per cent.

The index numbers for the industry as a whole for the years 1910 to 1914, inclusive, are percentages based on the averages for all employees of the selected occupations that were covered in each year, with the 1913 averages taken as the basis or 100 per cent.

The index numbers for the industry as a whole for the later years are based on the averages for each year for all employees in the plant including all selected occupations and all "Other employees" as well. For these averages index numbers have been computed by multiplying the index numbers for 1914 by the percentage that the 1916 average for all employees is of the 1914 average for all employees. Index numbers for each of the years since 1916 were computed in like manner; that is, by multiplying the index number of the preceding year by the percentage that the average for the current year is of the average for the preceding year.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922.

[1913=100.]

| Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. | Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. |
|---|------------------------------------|---------------------------|-------------------------------------|--|------------------------------------|---------------------------|-------------------------------------|
| THE INDUSTRY. | | | | <i>Cutting department—</i> | | | |
| 1910..... | 103 | 92 | 94 | <i>Concluded.</i> | | | |
| 1911..... | 102 | 94 | 96 | <i>Skivvers, upper:</i> | | | |
| 1912..... | 101 | 93 | 93 | <i>Male.....</i> | | | |
| 1913..... | 100 | 100 | 100 | 1910..... | 100 | 96 | 97 |
| 1914..... | 99 | 101 | 100 | 1911..... | 101 | 98 | 98 |
| 1916..... | 99 | 108 | 106 | 1912..... | 100 | 94 | 95 |
| 1918..... | 95 | 139 | 131 | 1913..... | 100 | 100 | 100 |
| 1920..... | 88 | 231 | 202 | 1914..... | 100 | 100 | 99 |
| 1922..... | 88 | 208 | 184 | 1916..... | 100 | 104 | 104 |
| <i>Cutting department.</i> | | | | 1918..... | 93 | 141 | 133 |
| <i>Cutters, vamp and whole shoe, hand:</i> | | | | 1920..... | 88 | 193 | 176 |
| <i>Male.....</i> | | | | 1922..... | 87 | 199 | 182 |
| 1910..... | 103 | 91 | 94 | <i>Female.....</i> | | | |
| 1911..... | 103 | 89 | 92 | 1910..... | 104 | 84 | 87 |
| 1912..... | 101 | 92 | 92 | 1911..... | 104 | 84 | 88 |
| 1913..... | 100 | 100 | 100 | 1912..... | 101 | 92 | 93 |
| 1914..... | 99 | 104 | 103 | 1913..... | 100 | 100 | 100 |
| 1916..... | 99 | 107 | 106 | 1914..... | 99 | 100 | 99 |
| 1918..... | 95 | 138 | 132 | 1916..... | 99 | 100 | 99 |
| 1920..... | 88 | 236 | 211 | 1918..... | 95 | 128 | 129 |
| 1922..... | 89 | 224 | 200 | 1920..... | 89 | 208 | 189 |
| <i>Cutters, vamp and whole shoe, machine:</i> | | | | 1922..... | 89 | 206 | 183 |
| <i>Male.....</i> | | | | <i>Sole-leather department.</i> | | | |
| 1910..... | 105 | 93 | 97 | <i>Cutters, outsole:</i> | | | |
| 1911..... | 103 | 97 | 100 | <i>Male.....</i> | | | |
| 1912..... | 101 | 97 | 98 | 1910..... | 102 | 90 | 93 |
| 1913..... | 100 | 100 | 100 | 1911..... | 102 | 92 | 94 |
| 1914..... | 100 | 101 | 101 | 1912..... | 101 | 93 | 94 |
| 1916..... | 99 | 102 | 102 | 1913..... | 100 | 100 | 100 |
| 1918..... | 94 | 137 | 130 | 1914..... | 99 | 100 | 100 |
| 1920..... | 88 | 250 | 214 | 1916..... | 99 | 101 | 100 |
| 1922..... | 89 | 200 | 180 | 1918..... | 94 | 134 | 126 |
| | | | | 1920..... | 87 | 236 | 208 |
| | | | | 1922..... | 88 | 233 | 204 |

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Continued.

[1913=100.]

| Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. | Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. | | |
|---|------------------------------------|---------------------------|-------------------------------------|---|--|---------------------------|-------------------------------------|-----|-----|
| <i>Sole-leather department—Concluded.</i> | | | | <i>Fitting or stitching department—Concluded.</i> | | | | | |
| Channelers, outsole or insole: | | | | Vampers: | | | | | |
| Male..... | 1910 | 102 | 89 | 90 | 1910 | 101 | 92 | 93 | |
| | 1911 | 102 | 87 | 88 | 1911 | 101 | 98 | 100 | |
| | 1912 | 101 | 89 | 90 | 1912 | 100 | 96 | 96 | |
| | 1913 | 100 | 100 | 100 | 1913 | 100 | 100 | 100 | |
| | 1914 | 100 | 99 | 99 | 1914 | 100 | 98 | 98 | |
| | 1916 | 99 | 102 | 101 | 1916 | 100 | 104 | 104 | |
| | 1918 | 95 | 123 | 122 | 1918 | 94 | 138 | 130 | |
| | 1920 | 88 | 209 | 186 | 1920 | 87 | 219 | 194 | |
| | 1922 | 89 | 195 | 174 | 1922 | 87 | 196 | 172 | |
| <i>Fitting or stitching department.</i> | | | | Female..... | | | | | |
| Tip stitchers: | | | | 1910 | 104 | 97 | 100 | 100 | |
| Female..... | 1911 | 102 | 94 | 95 | 1911 | 103 | 97 | 100 | |
| | 1912 | 100 | 95 | 95 | 1912 | 101 | 93 | 94 | |
| | 1913 | 100 | 100 | 100 | 1913 | 100 | 100 | 100 | |
| | 1914 | 99 | 100 | 99 | 1914 | 99 | 99 | 98 | |
| | 1916 | 99 | 105 | 104 | 1916 | 99 | 103 | 102 | |
| | 1918 | 95 | 132 | 124 | 1918 | 95 | 127 | 120 | |
| | 1920 | 89 | 204 | 182 | 1920 | 89 | 206 | 187 | |
| | 1922 | 89 | 194 | 173 | 1922 | 90 | 195 | 175 | |
| Lining makers: | | | | Backstay stitchers: | | | | | |
| Female..... | 1910 | 103 | 86 | 89 | Female..... | 1910 | 103 | 91 | 94 |
| | 1911 | 103 | 87 | 89 | 1911 | 103 | 95 | 98 | |
| | 1912 | 101 | 89 | 90 | 1912 | 101 | 96 | 97 | |
| | 1913 | 100 | 100 | 100 | 1913 | 100 | 100 | 100 | |
| | 1914 | 99 | 99 | 98 | 1914 | 99 | 101 | 101 | |
| | 1916 | 99 | 104 | 103 | 1916 | 99 | 109 | 108 | |
| | 1918 | 94 | 127 | 119 | 1918 | 95 | 134 | 127 | |
| | 1920 | 89 | 199 | 177 | 1920 | 89 | 214 | 193 | |
| | 1922 | 89 | 191 | 171 | 1922 | 89 | 194 | 174 | |
| Closers-on: | | | | <i>Lasting department.</i> | | | | | |
| Female..... | 1910 | 105 | 92 | 96 | Assemblers, for pulling-over machine: | | | | |
| | 1911 | 105 | 93 | 97 | Male..... | 1911 | 100 | 101 | 101 |
| | 1912 | 101 | 96 | 97 | | 1912 | 101 | 88 | 88 |
| | 1913 | 100 | 100 | 100 | | 1913 | 100 | 100 | 100 |
| | 1914 | 99 | 99 | 99 | | 1914 | 100 | 103 | 102 |
| | 1916 | 99 | 105 | 104 | | 1916 | 99 | 107 | 107 |
| | 1918 | 96 | 122 | 117 | | 1918 | 95 | 146 | 139 |
| | 1920 | 91 | 185 | 170 | | 1920 | 88 | 235 | 210 |
| | 1922 | 92 | 203 | 189 | | 1922 | 88 | 208 | 181 |
| Top stitchers: | | | | Pullers-over, hand: | | | | | |
| Female..... | 1910 | 104 | 90 | 93 | Male..... | 1910 | 102 | 87 | 89 |
| | 1911 | 104 | 92 | 95 | | 1911 | 102 | 94 | 95 |
| | 1912 | 101 | 94 | 94 | | 1912 | 100 | 95 | 95 |
| | 1913 | 100 | 100 | 100 | | 1913 | 100 | 100 | 100 |
| | 1914 | 99 | 101 | 100 | | 1914 | 99 | 105 | 105 |
| | 1916 | 99 | 105 | 103 | | 1916 | 99 | 104 | 103 |
| | 1918 | 95 | 136 | 127 | | 1918 | 93 | 144 | 134 |
| | 1920 | 89 | 213 | 191 | | 1920 | 85 | 241 | 208 |
| | 1922 | 89 | 206 | 184 | | 1922 | 84 | 244 | 208 |
| Buttonhole makers: | | | | Pullers-over, machine: | | | | | |
| Female..... | 1911 | 103 | 91 | 93 | Male..... | 1910 | 104 | 91 | 95 |
| | 1912 | 101 | 93 | 93 | | 1911 | 101 | 93 | 94 |
| | 1913 | 100 | 100 | 100 | | 1912 | 101 | 89 | 90 |
| | 1914 | 99 | 102 | 101 | | 1913 | 100 | 100 | 100 |
| | 1916 | 98 | 112 | 110 | | 1914 | 100 | 101 | 101 |
| | 1918 | 95 | 135 | 128 | | 1916 | 99 | 107 | 107 |
| | 1920 | 90 | 202 | 184 | | 1918 | 95 | 146 | 138 |
| | 1922 | 91 | 190 | 172 | | 1920 | 88 | 238 | 212 |
| Button fasteners: | | | | Side lasters, hand: | | | | | |
| Female..... | 1911 | 103 | 79 | 81 | Male..... | 1913 | 100 | 100 | 100 |
| | 1912 | 101 | 89 | 89 | | 1914 | 100 | 102 | 101 |
| | 1913 | 100 | 100 | 100 | | 1916 | 100 | 107 | 107 |
| | 1914 | 98 | 99 | 97 | | 1918 | 96 | 145 | 139 |
| | 1916 | 98 | 106 | 103 | | 1920 | 89 | 234 | 216 |
| | 1918 | 96 | 116 | 110 | | 1922 | 88 | 203 | 179 |
| | 1920 | 88 | 194 | 169 | | | | | |
| | 1922 | 90 | 170 | 151 | | | | | |

28 WAGES AND HOURS OF LABOR, 1907 TO 1922—BOOTS AND SHOES.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Continued.

[1913=100.]

| Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. | Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. |
|---|------------------------------------|---------------------------|-------------------------------------|--|------------------------------------|---------------------------|-------------------------------------|
| <i>Lasting department—Concluded.</i> | | | | <i>Bottoming department—Concluded.</i> | | | |
| <i>Side lasters, machine:</i> | | | | <i>McKay sewers:</i> | | | |
| Male.....1913.. | 100 | 100 | 100 | Male.....1910.. | 103 | 91 | 93 |
| 1914.. | 97 | 106 | 102 | 1911.. | 102 | 93 | 94 |
| 1916.. | 98 | 105 | 102 | 1912.. | 101 | 90 | 90 |
| 1918.. | 93 | 145 | 134 | 1913.. | 100 | 100 | 100 |
| 1920.. | 87 | 239 | 207 | 1914.. | 100 | 106 | 106 |
| 1922.. | 88 | 192 | 169 | 1916.. | 99 | 109 | 110 |
| <i>Bed-machine operators:</i> | | | | 1918.. | | | |
| Male.....1910.. | 102 | 94 | 96 | 1918.. | 95 | 141 | 133 |
| 1911.. | 102 | 97 | 99 | 1920.. | 89 | 223 | 201 |
| 1912.. | 101 | 91 | 92 | 1922.. | 90 | 207 | 189 |
| 1913.. | 100 | 100 | 100 | <i>Levelers:¹</i> | | | |
| 1914.. | 100 | 97 | 97 | Male.....1911.. | 101 | 98 | 99 |
| 1916.. | 100 | 106 | 105 | 1912.. | 101 | 94 | 95 |
| 1918.. | 94 | 152 | 143 | 1913.. | 100 | 100 | 100 |
| 1920.. | 88 | 239 | 212 | 1920.. | 89 | 214 | 192 |
| 1922.. | 89 | 202 | 180 | 1922.. | 89 | 191 | 170 |
| <i>Hand-method lasting machine operators:</i> | | | | <i>Heelers, leather:</i> | | | |
| Male.....1910.. | 104 | 86 | 89 | Male.....1911.. | 101 | 95 | 97 |
| 1911.. | 103 | 89 | 91 | 1912.. | 102 | 89 | 91 |
| 1912.. | 101 | 91 | 91 | 1913.. | 100 | 100 | 100 |
| 1913.. | 100 | 100 | 100 | 1914.. | 100 | 95 | 95 |
| 1914.. | 100 | 97 | 98 | 1916.. | 99 | 101 | 101 |
| 1916.. | 100 | 101 | 101 | 1918.. | 95 | 113 | 113 |
| 1918.. | 96 | 134 | 128 | 1920.. | 88 | 196 | 175 |
| 1920.. | 88 | 223 | 198 | 1922.. | 88 | 179 | 159 |
| 1922.. | 89 | 206 | 184 | <i>Heel trimmers or shavers:</i> | | | |
| <i>Turn lasters, hand:</i> | | | | Male.....1910.. | | | |
| Male.....1912.. | 101 | 89 | 90 | 1911.. | 102 | 92 | 93 |
| 1913.. | 100 | 100 | 100 | 1911.. | 102 | 93 | 94 |
| 1914.. | 99 | 105 | 103 | 1912.. | 101 | 94 | 95 |
| 1916.. | 100 | 118 | 118 | 1913.. | 100 | 100 | 100 |
| 1918.. | 98 | 146 | 143 | 1914.. | 100 | 97 | 97 |
| 1920.. | 86 | 284 | 250 | 1916.. | 99 | 100 | 99 |
| 1922.. | 88 | 236 | 210 | 1918.. | 95 | 119 | 113 |
| <i>Bottoming department.</i> | | | | 1920.. | | | |
| <i>Goodyear welters:</i> | | | | 1920.. | | | |
| Male.....1910.. | 102 | 87 | 89 | 1920.. | 88 | 199 | 179 |
| 1911.. | 101 | 90 | 91 | 1922.. | 88 | 190 | 154 |
| 1912.. | 101 | 89 | 90 | <i>Heel breasters:</i> | | | |
| 1913.. | 100 | 100 | 100 | Male.....1911.. | 101 | 93 | 94 |
| 1914.. | 100 | 100 | 100 | 1912.. | 101 | 94 | 95 |
| 1916.. | 99 | 104 | 103 | 1913.. | 100 | 100 | 100 |
| 1918.. | 95 | 124 | 117 | 1914.. | 100 | 97 | 97 |
| 1920.. | 88 | 194 | 173 | 1916.. | 99 | 102 | 101 |
| 1922.. | 88 | 177 | 157 | 1918.. | 95 | 132 | 126 |
| <i>Rough rounders:</i> | | | | 1920.. | | | |
| Male.....1910.. | 103 | 82 | 83 | 1920.. | 88 | 230 | 205 |
| 1911.. | 102 | 88 | 89 | 1922.. | 89 | 188 | 168 |
| 1912.. | 101 | 88 | 88 | <i>Edge trimmers:</i> | | | |
| 1913.. | 100 | 100 | 100 | Male.....1910.. | 102 | 93 | 95 |
| 1914.. | 100 | 101 | 101 | 1911.. | 102 | 95 | 96 |
| 1916.. | 99 | 99 | 98 | 1912.. | 101 | 93 | 93 |
| 1918.. | 95 | 119 | 117 | 1913.. | 100 | 100 | 100 |
| 1920.. | 88 | 187 | 167 | 1914.. | 99 | 98 | 97 |
| 1922.. | 88 | 165 | 146 | 1916.. | 99 | 103 | 102 |
| <i>Goodyear stitchers:</i> | | | | 1918.. | | | |
| Male.....1910.. | 102 | 94 | 95 | 1918.. | 95 | 133 | 126 |
| 1911.. | 101 | 97 | 98 | 1920.. | 88 | 220 | 195 |
| 1912.. | 101 | 94 | 95 | 1922.. | 88 | 186 | 165 |
| 1913.. | 100 | 100 | 100 | <i>Finishing department.</i> | | | |
| 1914.. | 100 | 103 | 103 | <i>Buffers:</i> | | | |
| 1916.. | 99 | 110 | 109 | Male.....1911.. | 101 | 92 | 93 |
| 1918.. | 95 | 132 | 125 | 1912.. | 101 | 81 | 82 |
| 1920.. | 88 | 205 | 182 | 1913.. | 100 | 100 | 100 |
| 1922.. | 88 | 190 | 168 | 1914.. | 100 | 97 | 97 |
| | | | | 1916.. | 99 | 103 | 102 |
| | | | | 1918.. | 95 | 133 | 127 |
| | | | | 1920.. | 88 | 228 | 204 |
| | | | | 1922.. | 89 | 198 | 177 |

No data obtained for this occupation for the years 1914, 1916, and 1918.

TABLE 4.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, BY DEPARTMENTS, OCCUPATIONS, SEX, AND SPECIFIED YEARS, 1910 TO 1922—Concluded.

[1913=100.]

| Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. | Department, occupation, sex, and year. | Index of full-time hours per week. | Index of hourly earnings. | Index of full-time weekly earnings. |
|--|------------------------------------|---------------------------|-------------------------------------|--|------------------------------------|---------------------------|-------------------------------------|
| <i>Finishing department—Continued.</i> | | | | <i>Finishing department—Concluded.</i> | | | |
| Edge setters: | | | | Heel burnishers—Con. | | | |
| Male.....1910.. | 102 | 91 | 92 | Male.....1916.. | 99 | 108 | 102 |
| 1911.. | 102 | 92 | 94 | 1918.. | 95 | 137 | 129 |
| 1912.. | 101 | 92 | 93 | 1920.. | 88 | 222 | 197 |
| 1913.. | 100 | 100 | 100 | 1922.. | 88 | 184 | 164 |
| 1914.. | 100 | 100 | 99 | Treers: | | | |
| 1916.. | 99 | 101 | 100 | Male.....1910.. | 101 | 92 | 93 |
| 1918.. | 95 | 128 | 121 | 1911.. | 101 | 95 | 95 |
| 1920.. | 88 | 212 | 189 | 1912.. | 101 | 94 | 95 |
| 1922.. | 88 | 184 | 163 | 1913.. | 100 | 100 | 100 |
| Heel scourers: | | | | 1914.. | 100 | 99 | 99 |
| Male.....1911.. | 99 | 93 | 93 | 1916.. | 89 | 105 | 105 |
| 1912.. | 101 | 92 | 93 | 1918.. | 95 | 145 | 137 |
| 1913.. | 100 | 100 | 100 | 1920.. | 87 | 244 | 216 |
| 1914.. | 100 | 99 | 99 | 1922.. | 88 | 205 | 181 |
| 1916.. | 99 | 110 | 109 | Female..... | | | |
| 1918.. | 95 | 139 | 132 | 1910.. | 106 | 91 | 96 |
| 1920.. | 88 | 231 | 204 | 1911.. | 106 | 92 | 97 |
| 1922.. | 88 | 193 | 172 | 1912.. | 100 | 97 | 97 |
| Heel burnishers: | | | | 1913.. | 100 | 100 | 100 |
| Male.....1911.. | 100 | 97 | 97 | 1914.. | 95 | 111 | 106 |
| 1912.. | 101 | 92 | 83 | 1916.. | 97 | 119 | 116 |
| 1913.. | 100 | 100 | 100 | 1918.. | 98 | 147 | 143 |
| 1914.. | 100 | 102 | 102 | 1920.. | 91 | 253 | 232 |
| | | | | 1922.. | 90 | 251 | 228 |

The reasons for using the data for 1913, the year immediately preceding the war, as the base for index numbers are: First, the conditions prevailing in war time were abnormal and should be measured by a period in which normal conditions prevailed; and second, it is believed that the year 1913 ended a distinct economic period.

REGULAR OR CUSTOMARY HOURS OF OPERATION.

The regular or customary hours of an establishment are the hours of operation when the establishment is working its recognized standard of full time; in other words, the time between beginning work in the morning and closing in the afternoon less the regular time off duty for midday lunch or dinner.

Table 1, pages 3 to 18 shows for specified years, 1907 to 1922, the per cent of employees at each classified group of regular or customary full-time hours per week.

Table A, pages 40 to 91, shows the number of employees in each occupation within each group of regular or customary full-time hours per week. Data drawn from Table A and presented here for the 47,361 employees of the 104 establishments shows the per cent of employees at each classification.

| Per cent of employees. | Regular or customary full-time hours per week. |
|---------------------------|--|
| Less than 1 per cent..... | Under 44 hours. |
| 3 per cent..... | 44 hours. |
| 2 per cent..... | Over 44 and under 45 hours. |
| 5 per cent..... | 45 hours. |
| Less than 1 per cent..... | Over 45 and under 48 hours. |
| 50 per cent..... | 48 hours. |
| 20 per cent..... | Over 48 and under 51 hours. |
| 1 per cent..... | 51 and under 54 hours. |
| 9 per cent..... | 54 hours. |
| 1 per cent..... | Over 54 and under 57 hours. |
| Less than 1 per cent..... | 57 and under 60 hours. |
| Do..... | 60 hours and over. |

Between April 1, 1920, and the period covered in 1922, regular or customary hours per week of 1 establishment were increased from 44 to 48 and of 2 from 48 to 50, and the hours of 1 were reduced from 59 to 56½; of 1 from 49½ to 48; and of 1 from 48 to 45. No change was made in the regular or customary hours of 98 establishments.

The hours per day of practically all employees whose hours per week were 44, were 8 for 5 days and 4 for 1 day; of those whose hours per week were 45, were 8 for 5 days and 5 for 1 day; of those whose hours per week were 48, were 8 for 6 days; and of those whose hours were 54 per week, were 9 per day for 6 days.

REDUCTION IN WAGE RATES SINCE APRIL 1, 1920.

Fifty-seven of the 104 establishments for which data are presented in this report made changes in wage rates between April 1, 1920, and the period for which 1922 figures are shown, which resulted, as shown in Table 5 below, in an increase of 4 per cent in the rates of pieceworkers of 1 establishment and in a reduction of the rates of some or of all employees of 56 establishments. The reductions were as low as 2 per cent and as high as 28 per cent. Some establishments made two reductions; one made a reduction of 20 per cent followed later by another reduction of 10 per cent.

Forty-four establishments made no change in wage rates; 1 began operation late in 1921, and 2 began operation in January, 1922, after being closed throughout 1921.

TABLE 5.—CHANGE IN WAGE RATES OF BOOT AND SHOE EMPLOYEES IN UNITED STATES BETWEEN APRIL 1, 1920, AND PERIOD COVERED BY THE 1922 STUDY.

| Number of establishments. | Employees affected. | Per cent of change in wage rates. |
|---------------------------|---|-----------------------------------|
| 5 | All..... | 20 increase; 22½ decrease later. |
| 1 | All..... | 12½ increase, 10 decrease later. |
| 4 | All..... | 10 increase; 10 decrease later. |
| 1 | Piece-rate workers..... | 4 increase. |
| 1 | All..... | 28 decrease. |
| 3 | All..... | 26 decrease. |
| 1 | All..... | 20 decrease; 10 decrease later. |
| 2 | All..... | 15 decrease. |
| 1 | All..... | 12½ decrease. ¹ |
| 1 | All..... | 11½ decrease. |
| 12 | All..... | 10 decrease. |
| 3 | Male..... | 10 decrease. |
| 2 | All..... | 10 decrease; 5 decrease later. |
| 1 | All..... | 10 decrease. ¹ |
| 2 | All except treers..... | 10 decrease. |
| 3 | All piece workers except treers. | 10 decrease. |
| 1 | All piece workers except edge setters, heel makers, and Goodyear welters. | 10 decrease. |
| 1 | All except stitching and fitting departments. | 15 decrease. |
| | Stitching and fitting departments. | 10 decrease. |
| 1 | All..... | 10 decrease. ² |
| 2 | All..... | 8 decrease. |
| 1 | All..... | 7 decrease. |
| 1 | Piece workers..... | 6 decrease. |
| 1 | All except a few..... | 5 decrease. |
| | A few..... | 10 decrease. |
| 2 | All except cutters..... | 5 to 10 decrease. |
| | Cutters..... | 15 decrease. |
| 4 | Cutters, vamp and whole shoe, hand. | 2 decrease. |

¹ Followed by 5 per cent reduction in rates of pieceworkers.

² Followed by 5 per cent reduction in rates of stock room employees, turn lasters, hand, and cutters machine.

BONUS SYSTEMS.

Forty of the 104 establishments for which data are presented in this report had bonus systems in operation between April 1, 1920, and the period for which 1922 figures are shown by which earnings of employees were increased over and above earnings at regular or fixed rates. The bonus systems of 9 of these establishments were abolished, and the bonus payments of 7 establishments were reduced before the 1922 data were collected. No change was made in the bonus payments of 24 establishments.

It will be observed from Table 6 below that bonus systems are based on "Earnings," "Attendance," "Service," "Service and attendance," "Profits," or "Production or leather saving."

A bonus on "Earnings" means that the wages of employees at their regular piece or time rates were increased by the addition of a specified per cent. Example: An employee of the establishment shown on line 1 of the table below, whose rate was 50 cents per hour, worked 48 hours and earned \$24, and was paid a bonus of 25 per cent of his earnings, thereby making his actual earnings \$30 for 48 hours. No doubt some establishments, not included in the table below, would have simply made this an increase in wages instead of a bonus and would have raised the rate from 50 to 62½ cents per hour.

A bonus for "Attendance" means that earnings of employees at their regular piece or time rates were increased by the addition of a specified per cent or amount as a reward for attendance all or a specified part of the time that there was work to be done by employees of the establishment as a whole.

It will be observed from the data presented in line 6 of the table below that any employee of any of the 5 establishments who was in attendance and worked full time during the week received 10 per cent of his weekly earnings in addition to his earnings at his piece or time rate. Example: Employee at 50 cents per hour rate worked 48 hours, or full time, thereby earning \$24, to which 10 per cent, or \$2.40, was added for attendance, making his total earnings for the week \$26.40.

Under a "Service" bonus an employee who was in the service of a company when the bonus was paid, and who had been in service for a specified period of time, received an additional amount; for example, a specified per cent of his earnings, a per capita division of net profits, etc.

Under "Profit sharing" the earnings of employees at their piece or time rates were increased by the addition of a part of the net profits of the establishment.

A bonus for "Production or leather saving" means that the earnings of "cutters," for example, at their regular piece or time rates were increased by the addition of an amount that was saved by cutting more than a standard or specified number of pieces or parts of shoes from a standard or fixed quantity of material. Example: The standard or specified number of pieces to be cut from a quantity of material is 100. A cutter who was paid a regular rate of \$1 per hour cut 110 pieces from the quantity and was paid 1 cent additional for each cut over 100, thereby making his earnings \$1.10 for that hour.

The bonus systems of 31 establishments where such systems were in effect when data were collected for this report, and of 9 establishments where they were in effect April 1, 1920, but discontinued before the 1922 data were collected, are presented in Table 6 below.

TABLE 6.—BONUS SYSTEMS AFFECTING EARNINGS OF EMPLOYEES.

| Number of establishments. | Bonus basis. | Persons entitled. | Necessary to be entitled. | Change in bonus. | Amount of bonus when 1922 data were collected. |
|---------------------------|-------------------------------|--|--|--|---|
| 1 | Earnings..... | All employees..... | Earnings..... | Increased from 45 to 50 per cent of earnings; reduced from 50 to 33½ per cent of earnings; reduced from 33½ to 25 per cent of earnings. | 25 per cent of earnings. |
| 1 |do..... | All except cutting and fitting employees. |do..... | Reduced from a range of 5 to 40 to a range of 10 to 25 per cent of earnings. | 25 per cent to those earning \$20 or more per week; 15 per cent to those earning \$15 to \$20 per week; 10 to 15 per cent to those earning less than \$15 per week. |
| 5 | Attendance..... | All employees..... | To work full time during week..... | No change..... | 10 per cent of weekly earnings. |
| 1 | Service..... | All employees in service 1 year or more. | 1 year or more of service..... |do..... | 1 per cent of annual earnings. |
| 2 |do..... |do..... |do..... |do..... | Per capita (\$3.35 average per week in 1921) after deduction of 10 per cent of net earnings. |
| 2 |do..... | All employees in service 6 months or more. | 6 months or more of service..... |do..... | 5 per cent of earnings for 6 months' service, 8 for 1 year, 7 for 2 years, 8 for 3 years, 9 for 4 years, and 10 for 5 years or more. |
| 1 | Service and attendance. | All employees in service 1 year or more. | 1 year or more of service and any attendance during year. |do..... | \$100 for full-time attendance or work during year, \$78 for part time. |
| 1 | Profit sharing.. | All employees..... | Not reported..... |do..... | Not reported. |
| 3 | Earnings..... |do..... | Earnings..... | Reduced from 50 to 30 per cent of earnings.. | 30 per cent of earnings. |
| 1 |do..... |do..... |do..... | No change..... | 50 per cent of earnings. |
| 1 |do..... |do..... |do..... | Reduced from 50 to 20 per cent of earnings.. | 20 per cent of earnings. |
| 1 |do..... |do..... |do..... | Reduced from 30 to 20 per cent of earnings; reduced from 20 to 10 per cent of earnings. | 10 per cent of earnings. |
| 8 | Production or leather saving. | Cutters..... | To cut more than specified number of pieces from stock received. | No change..... | The amount varies according to quality of stock from which pieces are to be cut. |
| 2 |do..... | Cutters, upper..... |do..... |do..... | Do. |
| 1 |do..... | Cutters, outsole and insole. |do..... |do..... | Do. |
| 3 | Attendance..... | All employees..... | To work full time during week..... | Reduced from 10 per cent of earnings to nothing. | None. |
| 1 |do..... |do..... | To work any time during week..... | Reduced from \$4 or less per week to nothing; \$4 was paid for full-time work. Less than full time was paid for as the time worked was in proportion to full time. | Do. |
| 1 | Service..... | All employees in service 5 or more years. | 5 or more years of service..... | Reduced from a range of 5 to 20 per cent of earnings to nothing; 5 per cent of earnings for 5 to 10 years' service; 7½ per cent for 10 to 15 years; 10 per cent for 15 to 20 years; 15 per cent for 20 to 25 years; and 20 per cent for 25 or more years of service. | Do. |

| | | | | | |
|---|-----------------------|-------------------------------------|------------------------------------|---|-----|
| 1 | Earnings..... | All employees..... | Earnings..... | Reduced pieceworkers 10 per cent of earnings to nothing; reduced time workers 10 per cent of earnings to nothing. | Do. |
| 2 | Earnings and service. | All employees in service Christmas. | Earnings and in service Christmas. | Reduced from average weekly earnings to nothing, the average being based on the yearly earnings. | Do. |
| 1 | Earnings..... | Pieceworkers..... | Earnings..... | Reduced from 15 per cent of earnings to nothing. | Do. |

NUMBER OF STARTS (DAYS) IN ONE WEEK.

Table 7 shows, for 14 of the principal occupations, average and specified number of starts for establishments and employees for the 1922 weekly pay-roll period for which data are presented in this report.

Data for establishments with biweekly pay-roll periods are not included in the table.

Starts as here used means the number of calendar days or parts of days that establishments were in operation during one week or the number of days or parts of days employees worked during one week.

The average number of starts or days of operation for establishments was obtained by weighting the starts of each establishment by the number of employees without regard to the starts made by individual employees.

The average number of starts for employees of the occupation is a simple average obtained by dividing the aggregate number of starts made by all employees of the occupation in all the establishments by the total number of employees of the occupation in all establishments.

Reading line 1 of the table it is seen that for the occupation of "Cutters, vamp and whole shoe, hand," data are presented for 81 establishments; that the average number of starts or days of operation in one week is 5.4; that employees of this occupation in 2 establishments had the opportunity to work on 2 days during the week; that employees of 3 establishments had the opportunity to work on 3 days; that employees of 4 establishments had the opportunity to work on 4 days; that employees of 30 establishments had the opportunity to work on 5 days; and that employees of 42 establishments had the opportunity to work on 6 days during the week. Continuing on the same line it is seen that there were 1,815 employees in the occupation in the 81 establishments; that 17 of the 1,815 employees actually worked on only 1 day during the week; that 74 worked on 2 days; that 112 worked on 3 days; that 196 worked on 4 days; that 558 worked on 5 days; and that 858 worked on 6 days during the week.

During the months of April and May, or the period for which the major portion of the data were collected in 1922, work was slack in this industry due principally to the fact that it was between seasons. This accounts mainly for the large number of establishments in operation less than 6 days during the week, and the number of employees working less than 6 days.

TABLE 7.—NUMBER OF ESTABLISHMENTS AND NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING EACH SPECIFIED NUMBER OF STARTS (DAYS OF OPERATION OR DAYS ON WHICH WORKED) IN ONE WEEK IN 1922, BY SEX.

| Occupation. | Sex. | Establishments— | | | | | | | | Employees— | | | | | | | |
|---|----------|-----------------|---|---|---|---|---|----|----|------------|---|--|----|-----|-----|-----|-----|
| | | Number. | Average number of starts (days of operation) in one week. | In which number of starts in one week were— | | | | | | Number. | Average number of starts (days worked) in one week. | Whose number of starts in one week were— | | | | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | 1 | 2 | 3 | 4 | 5 | 6 |
| Cutters, vamp and whole shoe, hand..... | Male... | 81 | 5.4 | ..... | 2 | 3 | 4 | 30 | 42 | 1,815 | 5.1 | 17 | 74 | 112 | 196 | 558 | 858 |
| Skivers, upper..... | Male... | 30 | 5.3 | ..... |  | 2 | 2 | 10 | 16 | 71 | 4.9 | ..... | 2 | 7 | 6 | 32 | 24 |
| Do..... | Female.. | 91 | 5.6 | ..... |  | 4 | 3 | 25 | 59 | 507 | 5.3 | 2 | 14 | 28 | 28 | 135 | 300 |
| Cementers and doublers..... | Male... | 8 | 5.9 | ..... |  |  |  | 1 | 7 | 29 | 5.9 | ..... |  |  |  | 4 | 25 |
| Do..... | Female.. | 86 | 5.5 | ..... |  | 2 | 2 | 24 | 58 | 883 | 5.2 | 7 | 19 | 35 | 50 | 289 | 483 |
| Lining makers..... | Female.. | 93 | 5.7 | ..... |  | 1 | 4 | 27 | 61 | 1,011 | 5.2 | 16 | 26 | 44 | 77 | 317 | 531 |
| Top stitchers..... | Male... | 19 | 5.7 | ..... |  |  |  | 7 | 12 | 64 | 5.5 | ..... |  | 1 | 2 | 24 | 27 |
| Do..... | Female.. | 96 | 5.7 | ..... | 1 | 1 | 2 | 27 | 65 | 1,146 | 5.4 | 3 | 28 | 21 | 63 | 355 | 676 |
| Vampers..... | Male... | 50 | 5.5 | ..... |  | 2 | 1 | 16 | 31 | 347 | 5.3 | 1 | 3 | 18 | 27 | 129 | 169 |
| Do..... | Female.. | 94 | 5.6 | ..... | 1 | | 4 | 23 | 64 | 1,080 | 5.3 | 23 | 12 | 43 | 96 | 285 | 621 |
| Assemblers, pulling-over machine..... | Male... | 66 | 5.7 | ..... |  | 2 | 1 | 20 | 43 | 568 | 5.3 | 3 | 14 | 20 | 34 | 225 | 272 |
| Do..... | Female.. | 15 | 5.8 | ..... |  |  |  | 1 | 2 | 12 | 5.7 | ..... |  |  | 3 | 9 | 45 |
| Bed-machine operators..... | Male... | 82 | 5.7 | ..... | 1 | 1 | | 1 | 25 | 54 | 5.4 | 3 | 36 | 24 | 54 | 331 | 674 |
| Turn lasters, hand..... | Male... | 29 | 5.5 | ..... |  | 1 | | 10 | 18 | 548 | 5.2 | 1 | 3 | 76 | 10 | 148 | 310 |
| Goodyear stitchers..... | Male... | 73 | 5.6 | ..... |  |  | 1 | 25 | 45 | 517 | 5.4 | 1 | 5 | 20 | 23 | 177 | 291 |
| Edge trimmers..... | Male... | 96 | 5.6 | ..... |  | 3 | 2 | 26 | 65 | 757 | 5.4 | 2 | 13 | 22 | 37 | 226 | 457 |
| Edge setters..... | Male... | 96 | 5.7 | ..... |  | 1 | 5 | 25 | 65 | 746 | 5.4 | 5 | 7 | 17 | 43 | 232 | 442 |
| Treers..... | Male... | 86 | 5.7 | ..... |  |  | 1 | 22 | 63 | 916 | 5.5 | 2 | 4 | 7 | 33 | 307 | 563 |
| Do..... | Female.. | 34 | 5.9 | ..... |  |  | 1 | 5 | 28 | 224 | 5.6 | ..... | 4 | 6 | 9 | 48 | 157 |
| Repairers..... | Male... | 45 | 5.7 | ..... | 1 | | | 10 | 34 | 113 | 5.4 | ..... | 3 | 4 | 6 | 32 | 68 |
| Do..... | Female.. | 78 | 5.7 | ..... |  |  | 1 | 21 | 54 | 656 | 5.4 | 8 | 7 | 10 | 21 | 231 | 379 |

NUMBER OF STARTS (DAYS) IN ONE WEEK.

Table 8 shows for each State average and classified days of operation during the years ending August 31, 1920, and December 31, 1921. The first line shows that data were obtained for five establishments in Illinois. One establishment was in operation 240 and under 255 days, one was in operation 270 and under 285 days, and three were in operation 285 and under 300 days. The average for the five establishments is 282 days.

TABLE 8.—AVERAGE AND CLASSIFIED DAYS OF OPERATION DURING YEARS ENDING AUGUST 31, 1920, AND DECEMBER 31, 1921, BY STATES.

| State. | Year ending— | Number of establishments. | Average number of days of operation in 1 year. | Number of establishments in which days of operation were— | | | | | | | | | Not reported. |
|--------------------|---------------|---------------------------|--|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|---------------|
| | | | | Over 170 and under 195. | 210 and under 225. | 225 and under 240. | 240 and under 255. | 255 and under 270. | 270 and under 285. | 285 and under 300. | 300 and under 315. | | |
| Illinois..... | Aug. 31, 1920 | 5 | 282 | ..... | ..... | ..... | 1 | ..... | 1 | 3 | ..... | ..... |  |
| | Dec. 31, 1921 | 5 | 285 | ..... | ..... | ..... | ..... | 1 | 1 | 2 | ..... | ..... |  |
| Maine..... | Aug. 31, 1920 | 5 | 292 | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... | ..... |  |
| | Dec. 31, 1921 | 5 | 295 | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... | ..... |  |
| Massachusetts..... | Aug. 31, 1920 | 29 | 269 | ..... | 4 | 2 | 7 | ..... | ..... | 11 | 4 | ..... |  |
| | Dec. 31, 1921 | 26 | 265 | 3 | ..... | 3 | 5 | ..... | 1 | 4 | 7 | ..... |  |
| Michigan..... | Aug. 31, 1920 | 3 | 278 | ..... | ..... | ..... | ..... | 1 | 1 | ..... | 1 | ..... |  |
| | Dec. 31, 1921 | 3 | 296 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... |  |
| Minnesota..... | Aug. 31, 1920 | 3 | 291 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |  |
| | Dec. 31, 1921 | 3 | 276 | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | ..... |  |
| Missouri..... | Aug. 31, 1920 | 11 | 284 | ..... | ..... | ..... | ..... | ..... | 7 | 3 | ..... | ..... |  |
| | Dec. 31, 1921 | 9 | 293 | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 6 | ..... |  |
| New Hampshire..... | Aug. 31, 1920 | 13 | 272 | ..... | ..... | ..... | 2 | 7 | ..... | 1 | 2 | ..... |  |
| | Dec. 31, 1921 | 9 | 262 | 1 | ..... | ..... | 1 | 4 | 1 | 1 | 1 | ..... |  |
| New Jersey..... | Aug. 31, 1920 | 5 | 275 | ..... | ..... | ..... | ..... | ..... | 2 | 2 | ..... | ..... |  |
| | Dec. 31, 1921 | 5 | 303 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... |  |
| New York..... | Aug. 31, 1920 | 13 | 285 | ..... | ..... | 1 | 1 | ..... | 2 | 5 | ..... | ..... |  |
| | Dec. 31, 1921 | 12 | 300 | ..... | ..... | ..... | ..... | ..... | 1 | 5 | 6 | ..... |  |
| Ohio..... | Aug. 31, 1920 | 11 | 275 | ..... | ..... | ..... | 1 | 4 | 2 | 1 | 2 | ..... |  |
| | Dec. 31, 1921 | 8 | 284 | ..... | ..... | ..... | ..... | 1 | 2 | 4 | 1 | ..... |  |
| Pennsylvania..... | Aug. 31, 1920 | 11 | 285 | ..... | ..... | ..... | ..... | 1 | 3 | 5 | ..... | ..... |  |
| | Dec. 31, 1921 | 10 | 292 | ..... | ..... | 1 | ..... | ..... | 1 | 3 | 5 | ..... |  |
| Virginia..... | Aug. 31, 1920 | 3 | 272 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 2 | ..... |  |
| | Dec. 31, 1921 | 4 | 273 | ..... | ..... | ..... | ..... | 1 | 1 | 1 | ..... | ..... |  |
| Wisconsin..... | Aug. 31, 1920 | 5 | 289 | ..... | ..... | ..... | ..... | ..... | 2 | 2 | ..... | ..... |  |
| | Dec. 31, 1921 | 5 | 285 | ..... | ..... | ..... | ..... | ..... | 2 | 2 | ..... | ..... |  |
| Total..... | Aug. 31, 1920 | 117 | 280 | ..... | 5 | 3 | 12 | 15 | 23 | 40 | 17 | ..... |  |
| | Dec. 31, 1921 | 104 | 282 | 4 | ..... | 4 | 7 | 11 | 13 | 26 | 36 | ..... |  |

- ¹ This average is for 25 establishments. One establishment began operating in November, 1921.
² This average is for 4 establishments. One establishment began operating in January, 1922.
³ This average is for 10 establishments. Days of operation were not reported for 1 establishment.
⁴ This average is for 3 establishments. One establishment began operating in January, 1922.
⁵ This average is for 115 establishments. See note 3 above.
⁶ This average is for 101 establishments. See notes 1, 2, and 4 above.

Table 9 shows for each State for the calendar year 1921 the number of establishments covered, the average number of days establishments were in operation, and the average number of days establishments were not in operation on Saturday, Sunday, holidays, or on account of inventory, slack business or lack of orders, strikes and lockouts, and other causes.

TABLE 9.—AVERAGE NUMBER OF DAYS OF OPERATION AND AVERAGE NUMBER OF DAYS IDLE BY SPECIFIED CAUSES DURING CALENDAR YEAR 1921, BY STATES.

| State. | Number of establishments. | Average number of days of operation in 1921. | Average number of days idle during year on account of— | | | | | | |
|--------------------|---------------------------|--|--|------------|-------------|--------------|-----------------------------------|------------------------------------|---------------|
| | | | Satur- days. | Sun- days. | Holi- days. | Inven- tory. | Slack business or lack of orders. | Strikes, lockouts, or "vacations." | Other causes. |
| Illinois..... | 5 | 285 | ..... | 52 | 7 | ..... | 20 | ..... | 1 |
| Maine..... | 5 | 295 | ..... | 52 | 7 | 3 | 7 | ..... | 1 |
| Massachusetts..... | 26 | 1 265 | 18 | 52 | 9 | 1 | 19 | ..... | 1 |
| Michigan..... | 3 | 286 | ..... | 52 | 7 | 6 | 13 | ..... | 1 |
| Minnesota..... | 3 | 276 | ..... | 52 | 6 | 5 | ..... | 26 | ..... |
| Missouri..... | 9 | 283 | 4 | 52 | 5 | 3 | 5 | ..... | 3 |
| New Hampshire..... | 9 | 262 | ..... | 52 | 12 | 2 | 25 | 6 | 6 |
| New Jersey..... | 5 | 303 | ..... | 52 | 6 | 3 | ..... | ..... | 1 |
| New York..... | 12 | 300 | ..... | 52 | 8 | 2 | ..... | 1 | 2 |
| Ohio..... | 8 | 284 | ..... | 52 | 7 | 2 | 14 | ..... | 6 |
| Pennsylvania..... | 10 | 292 | ..... | 52 | 7 | 3 | 11 | ..... | ..... |
| Virginia..... | 4 | 278 | ..... | 52 | 4 | 4 | 27 | ..... | ..... |
| Wisconsin..... | 5 | 285 | 8 | 52 | 6 | 8 | 6 | ..... | ..... |
| Total..... | 104 | 4 282 | 5 | 52 | 8 | 3 | 12 | 1 | 2 |

1 This average is for 25 establishments. One establishment began operating in Nov. 1921.
 2 This average is for 4 establishments. One establishment began operating in Jan. 1922.
 3 This average is for 3 establishments. One establishment began operating in Jan. 1922.
 4 This average is for 101 establishments. See notes 1, 2, and 3.

The occupations for which data are presented in this bulletin are arranged below in order of manufacture and are defined in Bulletin No. 232.

Cutting department:

- Cutters, vamp and whole shoe, hand.
- Cutters, vamp and whole shoe, machine.
- Cutters, trimmings, hand (including dinkers and blockers).
- Cutters, trimmings, machine.
- Skivers, upper.
- Cutters, linings, hand.
- Cutters, linings, machine.

Sole leather department:

- Cutters, outsole.
- Cutters, insole.
- Rounders, outsole or insole.
- Channelers, outsole or insole.
- Cutters, top and heel lifts, machine (hand thrown in with "all others").
- Heel builders, hand.
- Heel builders, machine.

Fitting or stitching department:

- Stampers, linings or uppers (including markers).
- Cementers and doublers, hand and machine (including reinforcers, pasters, and fitters).
- Folders, hand.
- Folders, machine.
- Perforators.
- Tip stitchers.
- Closers or seamers.
- Seam rubbers (hand and machine).
- Lining makers (including lining closers, side and top facing stitchers).
- Closers-on.
- Top stitchers (including under-trimmers, and barber trimmers).
- Binders (including top banders).
- Buttonhole makers.
- Button fasteners.
- Eyeleters (including hookers).
- Vampers.
- Barrers (including tackers).
- Tongue stitchers.
- Fancy stitchers.
- Back-stay stitchers (including back strappers).
- Table workers.
- Lacers.

Lasting department:

- Last pickers or sorters (including last casers).
- Assemblers, for pulling-over machine.
- Pullers-over, hand.
- Pullers-over, machine.

Lasting department—Concluded.

- Side lasters, hand.
- Side lasters, machine.
- Bed-machine operators.
- Hand-method lasting machine operators.
- Turn lasters, hand (including first and second lasters).
- Turn lasters, machine.
- Turn sewers.
- Tack pullers, hand.
- Tack pullers, machine.

Bottoming department:

- Goodyear welters (including in-seamers).
- Welt beaters and slashers.
- Bottom fillers, hand and machine.
- Sole cementers, hand and machine (including bottom cementers).
- Sole layers, hand.
- Sole layers, machine.
- Rough rounders.
- Channel openers and channel closers (including channel layers, channel turners, channel cementers, lip turners).
- Goodyear stitchers.
- McKay sewers.
- Stitch separators (including stitch wheelers).
- Levelers.
- Heelers, leather.
- Heelers, wood.
- Heel trimmers or shavers.
- Heel breasters.
- Edge trimmers.
- Sluggers.

Finishing department:

- Buffers (including bottom scourers).
- Edge setters.
- Heel scourers (including first and second scourers).
- Heel burnishers (including stoners, expeditors, heel slickers).
- Brushers.
- Shoe cleaners.
- Last pullers (hand and machine).
- Treers.
- Repairers (not cobblers).
- Dressers.
- Sock liners (including heel-lining, heel-pad or heel-pin pasters).
- Lacers.
- Packers.

GENERAL TABLES.

All employees not included in any of the selected occupations are combined and shown as "Other employees."

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

Table A.—Average hours and earnings and classified full-time hours, per week, by departments, occupations, pay-roll periods, sex, and States, 1922.

The presentation in Table A in parallel columns of "Average full-time hours in one pay-roll period" and "Average hours actually worked during one pay-roll period" is for the purpose of comparing the regular hours during which, under normal conditions, it is possible for employees in an occupation to work, with the hours actually worked. One shows the possible hours for work under normal conditions while the other shows what was actually accomplished during one pay-roll period by all employees in the occupation, including those who worked less than the hours of opportunity.

Table B.—Average and classified earnings per hour for employees in 14 selected occupations, by departments, sex, and States, 1922.

Table C.—Number of employees in 14 selected occupations making as many starts as the factory was in operation in one week, classified by hours actually worked, by departments, sex, and States, 1922.

Table D.—Number of employees in 14 selected occupations making as many starts as the factory was in operation in one week, classified by earnings actually received, by departments, sex, and States, 1922.

In Tables C and D the average full-time hours and earnings per week are for all employees in each of the 14 selected occupations covered in 1922, while the average and classified hours actually worked and the average and classified earnings actually received are for such employees of each occupation as made as many starts to work as there were days of opportunity for work for all employees of the occupation as a whole in one week in 1922.

All employees who made less than the number of starts for which there was opportunity for work were excluded from the average and classified hours actually worked and average and classified earnings actually received, because it is the purpose of these tables to show as nearly as possible the hours and earnings actually made by employees who worked all the time that there was opportunity to work and to compare therewith the average hours and earnings that would have been made had each employee worked the regular or customary full-time hours per week. This assumes that each employee would have earned the same average per hour during full time as was earned during the time actually worked in the week covered.

Some employees made less than the number of starts (days on which there was opportunity to work) on account of being sick, disabled, laid off, absent of own accord, termination of service before end of the week or entering service after beginning of week.

| | | | | | | | | | | | | | | | | | | |
|---|-----------|------------|------------|------------|-------------|-------------|-----------|--|-----------|-----------|------------|------------|------------|-----------|-------------|--------------|--------------|--------------|
| <i>Cutters, vamp and whole shoe, machine.</i> | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 4 | 6.0 | 5.5 | 54.5 | 46.5 | 85 | | | | | | | | .328 | 17.88 | 15.24 | |
| Maine..... | 3 | 30 | 6.0 | 6.0 | 50.9 | 47.8 | 94 | | | | 15 | 1 | 2 | 14 | .712 | 36.22 | 33.99 | |
| Massachusetts..... | 12 | 241 | 5.2 | 5.0 | 48.3 | 37.1 | 77 | | 5 | | 194 | 42 | | | .766 | 36.98 | 28.44 | |
| Michigan..... | 2 | 10 | 5.4 | 5.4 | 49.2 | 46.2 | 94 | | | | 4 | 6 | | | .634 | 31.19 | 29.30 | |
| Missouri..... | 4 | 110 | 6.0 | 5.8 | 51.5 | 49.3 | 96 | | | | 20 | 40 | 50 | | .602 | 30.98 | 29.67 | |
| New Hampshire..... | 6 | 112 | 5.1 | 4.6 | 48.6 | 36.7 | 76 | | | | 77 | 35 | | | .586 | 28.49 | 21.50 | |
| New York..... | 4 | 158 | 6.0 | 5.9 | 48.0 | 48.2 | 100 | | | | 158 | | | | .629 | 30.19 | 30.34 | |
| Ohio..... | 4 | 129 | 5.8 | 5.7 | 50.0 | 46.8 | 94 | | | | | 129 | | | .627 | 31.35 | 29.32 | |
| Pennsylvania..... | 4 | 17 | 6.0 | 6.0 | 52.6 | 46.1 | 83 | | | | 5 | | 6 | 6 | .440 | 23.14 | 20.30 | |
| Wisconsin..... | 4 | 20 | 5.2 | 5.2 | 49.6 | 42.5 | 86 | | | | 4 | 16 | | | .563 | 27.92 | 23.91 | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 44.0 | 44.0 | 100 | | 1 | | | | | | .650 | 28.60 | 28.60 | |
| Total..... | 46 | 832 | 5.6 | 5.4 | 49.2 | 43.1 | 88 | | 1 | 5 | 477 | 269 | 2 | 70 | 8 | .650 | 32.18 | 28.03 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 35 | 10.5 | 9.8 | 48.5 | 73.2 | 75 | | | | 26 | 9 | | | .573 | 27.51 | 41.96 | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 42 | 6.0 | 5.7 | 54.2 | 50.3 | 93 | | | | | | 24 | 18 | .339 | 18.38 | 17.05 | |
| New York..... | 2 | 3 | 6.0 | 6.0 | 48.0 | 51.1 | 106 | | | | 3 | | | | .676 | 32.45 | 34.57 | |
| Other States..... | 4 | 17 | 5.5 | 5.0 | 48.9 | 40.5 | 83 | | | | 8 | 9 | | | .666 | 34.62 | 26.92 | |
| Total..... | 8 | 62 | 5.9 | 5.5 | 52.5 | 47.7 | 91 | | | | 11 | 9 | 24 | 18 | .433 | 23.51 | 20.62 | |
| <i>Cutters, trimmings, hand.</i> | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 24 | 5.8 | 5.6 | 48.0 | 45.0 | 94 | | | | 24 | | | | .439 | 21.07 | 19.77 | |
| Maine..... | 5 | 46 | 6.0 | 5.0 | 53.2 | 39.9 | 75 | | | | 3 | 5 | 38 | | .380 | 20.21 | 15.16 | |
| Massachusetts..... | 23 | 219 | 5.5 | 5.2 | 46.9 | 39.3 | 84 | | 26 | 20 | 43 | | | | .522 | 24.49 | 20.55 | |
| Minnesota..... | 2 | 16 | 5.4 | 4.6 | 48.0 | 33.8 | 70 | | | | 16 | | | | .362 | 17.38 | 12.24 | |
| Missouri..... | 4 | 106 | 5.9 | 5.8 | 48.0 | 46.0 | 96 | | | | 106 | | | | .471 | 22.61 | 21.65 | |
| New Hampshire..... | 4 | 44 | 5.3 | 4.5 | 48.4 | 34.8 | 72 | | | | 36 | 8 | | | .428 | 20.70 | 14.87 | |
| New Jersey..... | 3 | 9 | 5.0 | 4.9 | 46.7 | 34.9 | 75 | | 5 | | | 4 | | | .394 | 18.39 | 13.76 | |
| New York..... | 12 | 118 | 5.9 | 5.7 | 47.5 | 44.6 | 94 | | 21 | | 85 | 12 | | | .511 | 24.27 | 22.80 | |
| Ohio..... | 6 | 65 | 5.5 | 5.1 | 50.0 | 39.8 | 80 | | | | | 65 | | | .373 | 18.65 | 14.85 | |
| Pennsylvania..... | 9 | 38 | 5.7 | 5.3 | 50.5 | 39.0 | 77 | | | | 15 | 10 | 7 | 6 | .427 | 21.56 | 16.65 | |
| Wisconsin..... | 4 | 18 | 5.4 | 4.5 | 48.9 | 34.9 | 71 | | | | | 10 | 8 | | .351 | 17.16 | 12.25 | |
| Other States..... | 2 | 5 | 6.0 | 6.0 | 49.2 | 38.0 | 77 | | | | 2 | 3 | | | .351 | 16.80 | 13.32 | |
| Total..... | 77 | 708 | 5.7 | 5.3 | 48.3 | 40.9 | 85 | | 52 | 20 | 43 | 395 | 147 | 45 | 6 | .467 | 22.37 | 19.09 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 39 | 11.8 | 11.1 | 47.8 | 91.3 | 96 | | | 4 | | 32 | 3 | | .327 | 15.64 | 29.90 | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|----------|-----------------------|-----|-----------------------|-----------|-----------------------|------------------|-----------|-----------------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. |  |  |  | 57 and under 60. | 60 and over. |
| CUTTING DEPARTMENT—Continued. | | | | | | | | | | | | | | | | | | | | |
| <i>Cutters, trimmings, hand—Concluded.</i> | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 3 | 32 | 5.0 | 5.0 | 48.0 | 41.6 | 87 | | | | | | | | | | | \$0.288 | \$13.82 | \$11.96 |
| New York..... | 3 | 5 | 4.4 | 3.8 | 46.4 | 20.1 | 43 | | 2 | | | | | | | | | .435 | 20.18 | 8.74 |
| Total..... | 6 | 37 | 4.9 | 4.8 | 47.8 | 38.9 | 81 | | 2 | | | | | | | | | .269 | 14.68 | 11.52 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 5 | 10.0 | 7.8 | 50.0 | 62.2 | 62 | | | | | | | | | | | .317 | 15.85 | 19.74 |
| <i>Cutters, trimmings, machine.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 6 | 5.8 | 5.8 | 55.1 | 51.1 | 93 | | | | | | 1 | | | | | .343 | 18.89 | 17.49 |
| Maine..... | 2 | 13 | 5.8 | 5.4 | 53.7 | 44.9 | 84 | | | | | | 1 | | 12 | | | .489 | 26.26 | 21.94 |
| Massachusetts..... | 5 | 13 | 5.7 | 5.2 | 48.1 | 38.1 | 79 | | | 1 | | | 10 | 2 | | | | .492 | 23.64 | 18.73 |
| Missouri..... | 2 | 12 | 6.0 | 5.9 | 48.0 | 46.7 | 97 | | | | | | 12 | | | | | .541 | 25.97 | 25.28 |
| New York..... | 2 | 6 | 6.0 | 6.0 | 48.0 | 46.6 | 97 | | | | | | 6 | | | | | .380 | 18.24 | 17.67 |
| Ohio..... | 5 | 27 | 5.7 | 4.9 | 50.0 | 40.4 | 81 | | | | | | | 27 | | | | .390 | 19.50 | 15.76 |
| Pennsylvania..... | 4 | 21 | 5.9 | 5.6 | 51.5 | 46.8 | 91 | | | | | | 8 | 1 | 12 | | | .279 | 14.37 | 13.05 |
| Wisconsin..... | 4 | 8 | 5.0 | 5.0 | 49.5 | 42.5 | 86 | | | | | | 2 | 6 | | | | .363 | 17.97 | 15.40 |
| Other States..... | 3 | 4 | 5.8 | 5.8 | 46.5 | 43.5 | 94 | | 2 | | | | 1 | 1 | | | | .398 | 18.09 | 17.34 |
| Total..... | 29 | 110 | 5.8 | 5.4 | 50.3 | 43.8 | 87 | | 2 | 1 | | | 40 | 38 | | 24 | 5 | .402 | 20.25 | 17.59 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 6 | 10.0 | 6.3 | 50.0 | 33.7 | 34 | | | | | | | | | | | .326 | 16.30 | 10.97 |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|----------|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|--|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |
| CUTTING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Cutters, linings, machine.</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 4 | 5.8 | 5.8 | 52.9 | 51.8 | 98 | | | | | | | | | | | | | | | | |
| Maine..... | 4 | 13 | 5.9 | 5.8 | 51.8 | 49.2 | 95 | | | | | | | | | | | | | | | | |
| Massachusetts..... | 9 | 21 | 5.3 | 5.1 | 48.1 | 38.0 | 79 | | | 1 | | | | | | | | | | | | | |
| Missouri..... | 2 | 7 | 6.0 | 6.0 | 52.9 | 52.3 | 99 | | | | | | | | | | | | | | | | |
| New Hampshire..... | 3 | 19 | 3.3 | 3.2 | 48.1 | 22.9 | 48 | | | | | | | | | | | | | | | | |
| New York..... | 6 | 9 | 6.0 | 6.0 | 48.0 | 46.6 | 97 | | 1 | | | | | | | | | | | | | | |
| Ohio..... | 4 | 5 | 6.0 | 6.0 | 50.0 | 50.0 | 100 | | | | | | | | | | | | | | | | |
| Pennsylvania..... | 4 | 7 | 5.9 | 5.9 | 51.7 | 50.3 | 97 | | | | | | | | | | | | | | | | |
| Wisconsin..... | 3 | 7 | 5.9 | 4.6 | 49.1 | 37.4 | 76 | | | | | | | | | | | | | | | | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 50.0 | 49.8 | 100 | | | | | | | | | | | | | | | | |
| Total..... | 40 | 98 | 5.2 | 5.1 | 49.7 | 40.6 | 82 | | 1 | 1 | | | | 52 | 20 | | 17 | 1 | 1 | | | | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 5 | 10.4 | 10.2 | 48.8 | 74.8 | 77 | | | | | | | 3 | 2 | | | | | | | | |
| SOLE LEATHER DEPARTMENT. | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Cutters, outsole.</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 15 | 5.7 | 5.4 | 48.0 | 43.0 | 90 | | | | | | | 15 | | | | | | | | | |
| Massachusetts..... | 16 | 53 | 5.5 | 5.3 | 47.8 | 42.8 | 90 | | | 4 | 7 | | | 31 | 11 | | | | | | | | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|--|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|--|----------------------------|--------------------------------------|--|
| | | | | | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |

SOLE LEATHER DEPARTMENT—Continued.

| | | | | | | | | | | | | | | | | | | | | |
|---|----|----|------|------|------|------|-----|--|---|---|---|--|--|--|--|--|--|---------|---------|---------|
| <i>Rounders, outsole or insole—Concluded.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 3 | 12.0 | 10.3 | 48.0 | 70.3 | 73 | | | | | | | | | | | \$0.586 | \$28.13 | \$41.23 |
| Other States..... | 2 | 3 | 10.7 | 10.7 | 50.0 | 76.7 | 77 | | 1 | | | | | | | | | .521 | 27.95 | 39.91 |
| Total..... | 4 | 6 | 11.3 | 10.5 | 49.0 | 73.5 | 75 | | 1 | | | | | | | | | .552 | 28.04 | 40.57 |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Wisconsin..... | 2 | 2 | 6.0 | 6.0 | 50.0 | 50.0 | 100 | | | | | | | | | | | .260 | 13.00 | 13.00 |
| Other States..... | 2 | 3 | 6.0 | 6.0 | 48.0 | 46.2 | 96 | | | | | | | | | | | .273 | 13.06 | 12.62 |
| Total..... | 4 | 5 | 6.0 | 6.0 | 48.8 | 47.7 | 98 | | | | | | | | | | | .268 | 13.04 | 12.77 |
| <i>Channclers, outsole or insole.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 10 | 5.7 | 5.7 | 51.3 | 49.4 | 96 | | | | | | | | | | | .729 | 37.40 | 35.96 |
| Maine..... | 5 | 13 | 6.0 | 5.9 | 52.9 | 44.8 | 85 | | | | | | | | | | | .756 | 40.01 | 33.89 |
| Massachusetts..... | 22 | 50 | 5.3 | 5.1 | 47.5 | 37.0 | 78 | | | 2 | 9 | | | | | | | .692 | 32.80 | 25.61 |
| Michigan..... | 3 | 4 | 6.0 | 6.0 | 49.5 | 49.3 | 100 | | | | | | | | | | | .606 | 30.00 | 29.91 |
| Minnesota..... | 2 | 5 | 4.8 | 4.6 | 48.0 | 29.8 | 62 | | | | | | | | | | | .612 | 29.38 | 18.26 |
| Missouri..... | 6 | 19 | 5.9 | 5.8 | 50.8 | 48.7 | 96 | | | | | | | | | | | .616 | 31.32 | 30.02 |
| New Hampshire..... | 8 | 16 | 4.8 | 4.7 | 48.8 | 35.8 | 73 | | | | | | | | | | | .594 | 28.98 | 21.25 |
| New Jersey..... | 3 | 3 | 5.7 | 5.7 | 46.0 | 44.7 | 97 | | | 2 | | | | | | | | .858 | 30.27 | 29.40 |
| New York..... | 11 | 23 | 5.6 | 5.4 | 47.7 | 41.6 | 87 | | | 3 | | | | | | | | .684 | 32.59 | 28.47 |
| Ohio..... | 7 | 18 | 5.3 | 4.7 | 50.0 | 36.1 | 72 | | | | | | | | | | | .642 | 32.10 | 28.21 |

| | | | | | | | | | | | | | | | | | | | | | |
|--|----|-----|------|------|------|------|----|--|---|---|---|-----|----|----|----|---|---|--|------|-------|-------|
| Pennsylvania..... | 10 | 24 | 5.9 | 5.8 | 51.0 | 44.4 | 87 | | | | | 9 | 5 | | 7 | 3 | | | .529 | 26.98 | 23.49 |
| Wisconsin..... | 3 | 5 | 5.0 | 5.0 | 49.2 | 42.5 | 86 | | | | | 2 | 3 | | | | | | .612 | 30.11 | 26.02 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.3 | 92 | | | | | 1 | | | | | | | | 24.96 | 23.05 |
| Total..... | 85 | 191 | 5.5 | 5.3 | 49.3 | 41.0 | 83 | | 5 | 2 | 9 | 99 | 43 | 1 | 26 | 3 | 3 | | .648 | 31.97 | 26.60 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 3 | 12.0 | 11.3 | 48.0 | 88.3 | 92 | | | | | 3 | | | | | | | .786 | 37.73 | 69.47 |
| Other States..... | 2 | 4 | 10.5 | 10.3 | 50.0 | 65.5 | 66 | | | | | 4 | | | | | | | .578 | 30.43 | 37.84 |
| Total..... | 4 | 7 | 11.1 | 10.4 | 49.1 | 75.3 | 77 | | | | | 3 | 4 | | | | | | .683 | 33.55 | 51.40 |
| <i>Cutters, top and heel lifts, machine.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 13 | 5.8 | 5.7 | 48.0 | 46.1 | 96 | | | | | 13 | | | | | | | .555 | 26.64 | 25.60 |
| Massachusetts..... | 12 | 38 | 5.5 | 5.3 | 47.8 | 41.6 | 87 | | | 3 | 5 | 22 | 8 | | | | | | .474 | 22.64 | 19.69 |
| Minnesota..... | 2 | 2 | 5.5 | 5.5 | 48.0 | 44.1 | 92 | | | | | 2 | | | | | | | .491 | 23.57 | 21.62 |
| Missouri..... | 3 | 150 | 5.9 | 5.8 | 48.0 | 46.3 | 96 | | | | | 150 | | | | | | | .533 | 25.58 | 24.68 |
| New Hampshire..... | 3 | 80 | 5.9 | 5.7 | 48.0 | 44.6 | 93 | | | | | 79 | 1 | | | | | | .625 | 30.02 | 27.87 |
| New York..... | 4 | 12 | 5.0 | 4.7 | 47.7 | 40.5 | 85 | | 1 | | | 11 | | | | | | | .477 | 22.74 | 19.34 |
| Ohio..... | 6 | 44 | 5.9 | 5.5 | 50.0 | 44.5 | 89 | | | | | 44 | | | | | | | .455 | 22.75 | 20.25 |
| Pennsylvania..... | 4 | 9 | 5.8 | 5.8 | 52.3 | 45.0 | 86 | | | | | 3 | | | 3 | 3 | | | .410 | 21.46 | 18.47 |
| Other States..... | 4 | 13 | 5.8 | 5.8 | 51.5 | 45.3 | 88 | | 1 | | | 3 | | | 9 | | | | .645 | 33.20 | 29.23 |
| Total..... | 41 | 361 | 5.8 | 5.6 | 48.4 | 44.9 | 93 | | 2 | 3 | 5 | 283 | 53 | | 12 | 3 | | | .538 | 26.01 | 24.17 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 3 | 10.7 | 10.3 | 50.0 | 77.7 | 78 | | | | | | 3 | | | | | | .458 | 22.93 | 35.57 |
| <i>Heel builders, hand.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 2 | 2 | 6.0 | 5.5 | 46.4 | 44.3 | 95 | | | | | 1 | | | | | | | .373 | 17.29 | 16.49 |
| New York..... | 4 | 16 | 5.8 | 5.8 | 47.8 | 44.6 | 93 | | 1 | 1 | | 15 | | | | | | | .604 | 28.84 | 26.99 |
| Pennsylvania..... | 3 | 5 | 5.4 | 5.4 | 49.6 | 40.3 | 81 | | | | | 3 | | | 1 | | | | .346 | 17.16 | 13.95 |
| Wisconsin..... | 2 | 3 | 5.3 | 5.3 | 50.0 | 39.0 | 78 | | | | | | 3 | | | | | | .392 | 19.60 | 15.28 |
| Other States..... | 4 | 23 | 5.7 | 5.5 | 52.8 | 44.8 | 85 | | 1 | | | 3 | | | 19 | | | | .470 | 24.85 | 21.06 |
| Total..... | 15 | 49 | 5.7 | 5.5 | 50.3 | 43.0 | 85 | | 2 | 1 | | 22 | 4 | 19 | 1 | | | | .495 | 24.74 | 21.29 |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 6 | 19 | 5.6 | 4.3 | 47.4 | 35.4 | 75 | | | 1 | 3 | 15 | | | | | | | .408 | 19.32 | 14.42 |
| Other States..... | 3 | 15 | 5.1 | 5.1 | 48.8 | 43.3 | 89 | | | | | 2 | 11 | | 2 | | | | .451 | 21.91 | 19.55 |
| Total..... | 9 | 34 | 5.4 | 4.7 | 48.0 | 38.9 | 81 | | | 1 | 3 | 17 | 11 | | 2 | | | | .429 | 20.46 | 16.68 |

¹ Not including data for 4 employees in 1 establishment, starts not reported.

² Not including data for 2 employees in 1 establishment, starts not reported.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|----------|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|-------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |
| SOLE LEATHER DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Heel builders, machine.</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 7 | 5.0 | 5.0 | 48.0 | 40.7 | 85 | | | | | | | 7 | | | | | | \$0.852 | \$40.90 | \$34.65 | |
| Massachusetts..... | 10 | 16 | 5.6 | 5.6 | 47.9 | 43.3 | 90 | | 2 | 1 | | | | 9 | 4 | | | | | .446 | 21.36 | 19.31 | |
| Michigan..... | 2 | 2 | 5.5 | 5.5 | 50.0 | 47.5 | 95 | | | | | | | | 2 | | | | | .446 | 22.30 | 21.18 | |
| Missouri..... | 3 | 55 | 5.9 | 5.7 | 48.0 | 46.0 | 96 | | | | | | | 55 | | | | | | .506 | 24.29 | 23.30 | |
| New Hampshire..... | 2 | 7 | 5.7 | 5.6 | 48.3 | 45.0 | 93 | | | | | | | 6 | 1 | | | | | .473 | 22.84 | 21.32 | |
| New York..... | 2 | 3 | 6.0 | 6.0 | 48.0 | 48.3 | 101 | | | | | | | 3 | | | | | | .561 | 26.93 | 27.09 | |
| Ohio..... | 3 | 10 | 6.0 | 5.9 | 50.0 | 47.7 | 95 | | | | | | | | 10 | | | | | .424 | 21.20 | 20.24 | |
| Pennsylvania..... | 3 | 11 | 6.5 | 6.4 | 53.9 | 47.5 | 88 | | | | | | | | 1 | | 7 | 3 | | .372 | 20.05 | 17.70 | |
| Wisconsin..... | 2 | 2 | 4.5 | 4.5 | 47.5 | 40.5 | 85 | | | 1 | | | | | 1 | | | | | .469 | 22.28 | 19.00 | |
| Other States..... | 2 | 5 | 5.6 | 5.4 | 51.6 | 46.7 | 91 | | | | | | | 2 | | | 3 | | | .559 | 28.10 | 26.07 | |
| Total..... | 32 | 118 | 5.8 | 5.6 | 48.9 | 45.6 | 93 | | | 2 | 2 | | | 82 | 19 | | 10 | 3 | | .497 | 24.29 | 22.64 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 1 | 11.0 | 11.0 | 50.0 | 95.0 | 95 | | | | | | | | 1 | | | | | .483 | 24.15 | 45.91 | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 6 | 37 | 5.1 | 4.7 | 48.0 | 34.8 | 73 | | | | | | | 37 | | | | | | .401 | 19.25 | 13.97 | |
| Missouri..... | 3 | 91 | 5.9 | 5.6 | 48.0 | 45.1 | 94 | | | | | | | 91 | | | | | | .441 | 21.17 | 19.86 | |
| New Hampshire..... | 2 | 28 | 5.9 | 4.9 | 48.0 | 37.1 | 77 | | | | | | | 28 | | | | | | .371 | 17.81 | 13.79 | |
| Other States..... | 6 | 58 | 5.7 | 4.4 | 49.0 | 37.5 | 77 | | | | | | | 44 | 7 | | 7 | | | .392 | 19.12 | 14.71 | |
| Total..... | 17 | 214 | 5.7 | 5.0 | 48.3 | 40.5 | 84 | | | | | | | 200 | 7 | | 7 | | | .411 | 19.85 | 16.65 | |

¹ Not including data for 1 employee in 1 establishment, starts not reported.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------|------------|-------------|------------|-------------|-------------|-----------|--|--|----------|----------|-----------|--|------------|-----------|-----------|-----------|----------|--|--|-------------|--------------|--------------|--------------|
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois | 4 | 32 | 6.0 | 5.6 | 50.7 | 44.9 | 80 | | | | | | | | 17 | | 10 | | | | | .384 | 19.48 | 17.24 |
| Maine | 4 | 39 | 6.0 | 5.8 | 53.7 | 50.0 | 93 | | | | | | | 1 | 1 | | 37 | | | | | .348 | 18.70 | 17.37 |
| Massachusetts | 26 | 101 | 5.4 | 5.1 | 47.0 | 35.2 | 75 | | | 7 | 25 | | | 69 | | | | | | | | .403 | 18.95 | 14.19 |
| Michigan | 2 | 3 | 6.0 | 6.0 | 49.3 | 48.9 | 99 | | | | | | | 1 | 2 | | | | | | | .345 | 17.02 | 16.89 |
| Minnesota | 3 | 8 | 5.1 | 4.9 | 48.0 | 35.2 | 73 | | | | | | | 8 | | | | | | | | .435 | 20.88 | 15.31 |
| Missouri | 7 | 31 | 5.9 | 5.5 | 49.0 | 41.3 | 84 | | | | | | | 23 | 4 | | 4 | | | | | .366 | 17.95 | 15.12 |
| New Hampshire | 8 | 24 | 5.8 | 5.7 | 48.5 | 42.6 | 88 | | | | | | | 19 | 4 | 1 | | | | | | .333 | 16.16 | 14.19 |
| New Jersey | 2 | 3 | 6.0 | 5.3 | 48.0 | 33.3 | 69 | | | 1 | | | | 2 | | | | | | | | .299 | 14.35 | 9.96 |
| New York | 10 | 40 | 5.9 | 5.7 | 47.7 | 42.7 | 90 | | | 6 | | | | 29 | 5 | | | | | | | .428 | 20.39 | 18.27 |
| Ohio | 7 | 59 | 5.6 | 5.4 | 50.0 | 41.3 | 83 | | | | | | | 59 | | | | | | | | .380 | 19.00 | 15.70 |
| Pennsylvania | 10 | 35 | 5.6 | 5.4 | 49.9 | 41.6 | 83 | | | | | | | 13 | 15 | | 7 | | | | | .284 | 14.18 | 11.83 |
| Wisconsin | 4 | 16 | 5.4 | 5.4 | 48.9 | 41.9 | 86 | | | | | | | 9 | 7 | | | | | | | .375 | 18.33 | 15.69 |
| Other States | 1 | 1 | 6.0 | 6.0 | 48.0 | 40.8 | 85 | | | | | | | 1 | | | | | | | | .349 | 16.75 | 14.23 |
| Total | 88 | 392 | 5.7 | 5.4 | 49.1 | 41.0 | 84 | | | 7 | 7 | 25 | | 190 | 99 | 11 | 48 | 5 | | | .374 | 18.41 | 15.33 | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia | 2 | 9 | 11.3 | 10.1 | 48.0 | 82.9 | 86 | | | | | | | 9 | | | | | | | | .272 | 13.06 | 22.55 |
| Other States | 2 | 8 | 9.8 | 8.8 | 50.0 | 64.0 | 64 | | | | | | | | 8 | | | | | | | .307 | 15.24 | 19.66 |
| Total | 4 | 17 | 10.6 | 9.5 | 48.9 | 74.0 | 76 | | | | | | | 9 | 8 | | | | | | | .286 | 14.08 | 21.19 |
| <i>Seam rubbers.</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Maine | 2 | 2 | 6.0 | 6.0 | 51.0 | 50.0 | 98 | | | | | | | 1 | | | 1 | | | | | .376 | 19.18 | 18.81 |
| Massachusetts | 9 | 16 | 5.3 | 5.3 | 47.4 | 36.5 | 77 | | | 2 | 1 | | | 13 | | | | | | | | .339 | 16.06 | 12.37 |
| Minnesota | 2 | 2 | 4.0 | 4.0 | 48.0 | 31.4 | 65 | | | | | | | 2 | | | | | | | | .308 | 14.79 | 9.68 |
| New York | 3 | 4 | 5.8 | 5.8 | 46.0 | 48.8 | 95 | | | 2 | | | | 2 | | | | | | | | .427 | 19.64 | 18.71 |
| Other States | 2 | 2 | 6.0 | 6.0 | 49.0 | 49.0 | 100 | | | | | | | 1 | 1 | | | | | | | .255 | 12.50 | 12.50 |
| Total | 18 | 26 | 5.3 | 5.3 | 47.6 | 39.2 | 82 | | | 2 | 2 | 1 | | 19 | 1 | | 1 | | | | .348 | 16.48 | 13.65 | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois | 3 | 9 | 5.3 | 5.1 | 48.0 | 37.8 | 79 | | | | | | | 9 | | | | | | | | .462 | 22.18 | 17.48 |
| Massachusetts | 11 | 17 | 5.3 | 5.2 | 46.1 | 38.7 | 84 | | | 2 | 2 | 6 | | 7 | | | | | | | | .355 | 16.36 | 13.75 |
| Missouri | 5 | 13 | 6.0 | 5.5 | 49.8 | 45.8 | 92 | | | | | | | 7 | 3 | | 3 | | | | | .260 | 12.96 | 11.87 |
| New Hampshire | 5 | 9 | 5.9 | 5.8 | 48.9 | 46.7 | 96 | | | | | | | 5 | 4 | | | | | | | .281 | 13.74 | 13.09 |
| New Jersey | 2 | 2 | 6.0 | 6.0 | 47.0 | 47.0 | 100 | | | 1 | | | | 5 | 1 | | | | | | | .231 | 10.85 | 10.85 |
| New York | 7 | 10 | 5.8 | 5.5 | 48.0 | 40.1 | 84 | | | | | | | 2 | | | | | | | | .327 | 15.70 | 13.14 |
| Ohio | 3 | 19 | 6.0 | 5.6 | 50.0 | 42.3 | 85 | | | 1 | | | | 7 | | | | | | | | .319 | 15.95 | 13.50 |
| Pennsylvania | 7 | 11 | 5.6 | 5.6 | 49.0 | 43.6 | 89 | | | | | | | 6 | | | 1 | | | | | .293 | 9.94 | 8.86 |
| Wisconsin | 2 | 2 | 5.5 | 5.5 | 50.0 | 45.0 | 90 | | | 2 | | | | 2 | | | | | | | | .331 | 16.55 | 14.89 |
| Other States | 2 | 2 | 4.5 | 4.5 | 50.0 | 28.7 | 57 | | | | | | | 2 | | | | | | | | .191 | 9.18 | 5.48 |
| Total | 47 | 94 | 5.7 | 5.5 | 48.6 | 41.9 | 86 | | | 4 | 4 | 6 | | 37 | 39 | | 4 | | | | .307 | 15.02 | 12.88 | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia | 2 | 5 | 10.8 | 10.4 | 48.0 | 85.8 | 89 | | | | | | | 5 | | | | | | | | .215 | 10.32 | 18.46 |

¹ Not including data for 4 employees in 1 establishment, starts not reported.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | | |
|---|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----------|-----------------------|-----------|-----------------------|-----|-----------------------|------------------|-----------|-----------------------|----------------------------|--------------------------------------|--|------------------|--------------|--------------|--------------|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. | | | | |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | | | | 57 and under 60. | 60 and over. | | |
| FITTING OR STITCHING DEPARTMENT—Continued. | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Liming makers.</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 74 | 5.9 | 5.5 | 49.4 | 43.6 | 88 | | | | | | | 54 | | 16 | | 4 | | | \$0.356 | \$17.60 | \$15.51 | |
| Maine..... | 5 | 70 | 6.0 | 5.6 | 53.1 | 46.7 | 88 | | | | 1 | | | 5 | 6 | | 58 | | | | | .338 | 17.95 | 15.82 |
| Massachusetts..... | 25 | 291 | 5.5 | 4.9 | 47.4 | 34.7 | 73 | | | 12 | 45 | | | 234 | | | | | | | | .395 | 18.72 | 13.70 |
| Michigan..... | 2 | 11 | 6.0 | 5.1 | 50.0 | 41.3 | 83 | | | | | | | 12 | 11 | | | | | | | .294 | 14.70 | 12.14 |
| Minnesota..... | 3 | 12 | 4.9 | 4.7 | 48.0 | 29.3 | 61 | | | | | | | 12 | | | | | | | | .422 | 20.28 | 12.38 |
| Missouri..... | 7 | 94 | 5.8 | 5.3 | 49.1 | 42.4 | 86 | | | | | | | 65 | 18 | | 11 | | | | | .315 | 15.46 | 13.36 |
| New Hampshire..... | 8 | 99 | 5.8 | 5.0 | 48.7 | 36.5 | 75 | | | | | | | 65 | 32 | 2 | | | | | | .297 | 14.48 | 10.83 |
| New Jersey..... | 4 | 11 | 5.8 | 5.6 | 47.0 | 39.7 | 84 | | | 6 | | | | | 3 | 2 | | | | | | .362 | 17.00 | 14.35 |
| New York..... | 11 | 137 | 5.9 | 5.5 | 47.7 | 41.8 | 88 | | 15 | | | | | 111 | 11 | | | | | | | .440 | 21.00 | 18.39 |
| Ohio..... | 7 | 105 | 5.6 | 5.4 | 50.0 | 42.4 | 85 | | | | | | | 105 | | | | | | | | .359 | 17.95 | 15.21 |
| Pennsylvania..... | 10 | 77 | 5.6 | 5.4 | 49.7 | 42.7 | 86 | | | | | | | 30 | 35 | | 12 | | | | | .305 | 15.17 | 13.63 |
| Wisconsin..... | 5 | 29 | 5.3 | 4.7 | 48.7 | 34.2 | 70 | | | | | | | 19 | 10 | | | | | | | .370 | 18.02 | 12.63 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.3 | 92 | | | | | | | 1 | | | | | | | | .404 | 19.39 | 17.90 |
| Total..... | 93 | 1,011 | 5.7 | 5.2 | 48.8 | 39.5 | 81 | | 21 | 12 | 46 | | | 596 | 231 | 20 | 81 | 4 | | | | .363 | 17.76 | 14.36 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 24 | 10.9 | 10.3 | 48.0 | 73.7 | 77 | | | | | | | 24 | | | | | | | | .352 | 18.90 | 25.91 |
| Other States..... | 2 | 20 | 9.9 | 8.5 | 50.0 | 61.6 | 62 | | | | | | | | 20 | | | | | | | .313 | 16.25 | 19.30 |
| Total..... | 4 | 44 | 10.5 | 9.5 | 48.9 | 68.2 | 70 | | | | | | | 24 | 20 | | | | | | | .336 | 16.60 | 22.91 |

| <i>Closers-on.</i> | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------|--------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|-----------|-----------|------------|------------|-------------|--------------|--------------|-------------|--------------|--------------|
| Female—One-week period: | | | | | | | | | | | | | | | | | | | |
| Maine..... | 2 | 14 | 6.0 | 5.4 | 53.6 | 44.7 | 83 | | | | | | 13 | 477 | 25.55 | 21.34 | | | |
| Massachusetts..... | 4 | 14 | 5.3 | 5.1 | 46.9 | 32.7 | 70 | | | 5 | | | | 464 | 21.78 | 15.15 | | | |
| Michigan..... | 2 | 3 | 6.0 | 5.7 | 50.0 | 46.8 | 94 | | | | | 3 | | 277 | 13.85 | 12.99 | | | |
| Missouri..... | 4 | 6 | 5.8 | 5.8 | 48.7 | 45.8 | 94 | | | | | 2 | | 371 | 18.06 | 16.98 | | | |
| New Hampshire..... | 2 | 5 | 5.2 | 5.2 | 52.0 | 42.6 | 82 | | | | | 1 | 4 | 323 | 16.80 | 13.75 | | | |
| New Jersey..... | 2 | 2 | 6.0 | 6.0 | 50.7 | 47.7 | 94 | | | | | 1 | 1 | 334 | 16.92 | 15.94 | | | |
| New York..... | 6 | 14 | 5.4 | 5.3 | 47.4 | 40.0 | 84 | | 2 | | | | | 484 | 22.96 | 19.38 | | | |
| Ohio..... | 4 | 37 | 6.0 | 5.7 | 50.0 | 46.8 | 94 | | | | | | | 390 | 19.50 | 18.26 | | | |
| Pennsylvania..... | 6 | 21 | 5.7 | 5.5 | 51.1 | 43.0 | 84 | | | | | | 9 | 377 | 19.27 | 16.24 | | | |
| Other States..... | 1 | 11 | 6.0 | 5.5 | 52.5 | 47.5 | 90 | | | | | | | 271 | 14.23 | 12.85 | | | |
| Total..... | 33 | 127 | 5.8 | 5.5 | 50.2 | 43.5 | 87 | 2 | 5 | 32 | 61 | 5 | 22 | .395 | 19.96 | 17.18 | | | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 2 | 10.5 | 10.5 | 50.0 | 80.9 | 81 | | | | | | | .304 | 15.25 | 24.63 | | | |
| <i>Top stitchers.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 8 | 32 | 5.6 | 5.4 | 47.8 | 41.6 | 87 | | | 5 | 23 | 4 | | .718 | 34.31 | 29.86 | | | |
| New Hampshire..... | 2 | 2 | 6.0 | 6.0 | 49.0 | 50.2 | 102 | | | | 1 | 1 | | .369 | 18.08 | 18.50 | | | |
| New York..... | 4 | 12 | 6.0 | 5.9 | 46.7 | 46.4 | 99 | | 4 | | 8 | | | .689 | 32.15 | 32.01 | | | |
| Pennsylvania..... | 3 | 12 | 5.5 | 5.5 | 48.0 | 43.6 | 91 | | | | 12 | | | .651 | 31.25 | 28.41 | | | |
| Other States..... | 2 | 6 | 5.8 | 5.3 | 53.0 | 42.8 | 81 | | | | 1 | | 5 | .398 | 21.16 | 17.03 | | | |
| Total..... | 19 | 64 | 5.7 | 5.5 | 48.1 | 43.3 | 90 | 4 | 5 | 45 | 5 | 5 | 5 | .657 | 31.59 | 28.43 | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 54 | 5.9 | 5.5 | 50.0 | 45.3 | 91 | | | | 35 | | 14 | | .460 | 22.98 | 20.84 | | |
| Maine..... | 5 | 80 | 6.0 | 5.8 | 53.5 | 46.4 | 87 | | | | 3 | 6 | 71 | 5 | .351 | 18.77 | 16.32 | | |
| Massachusetts..... | 26 | 297 | 5.4 | 5.2 | 47.2 | 39.6 | 84 | | 16 | 65 | 216 | | | .532 | 25.09 | 21.05 | | | |
| Michigan..... | 3 | 16 | 6.0 | 5.9 | 49.4 | 47.9 | 97 | | | | 5 | 11 | | .361 | 17.82 | 17.30 | | | |
| Minnesota..... | 3 | 14 | 5.0 | 4.7 | 48.0 | 30.5 | 64 | | | | 14 | | | .439 | 21.07 | 13.88 | | | |
| Missouri..... | 7 | 154 | 5.8 | 5.4 | 49.4 | 43.4 | 88 | | | | 9 | 28 | 27 | .417 | 20.61 | 18.11 | | | |
| New Hampshire..... | 8 | 108 | 5.8 | 5.5 | 48.4 | 41.8 | 86 | | | | 88 | 19 | 1 | .365 | 17.66 | 15.27 | | | |
| New Jersey..... | 4 | 10 | 5.5 | 5.1 | 46.1 | 38.7 | 84 | | 7 | | 8 | 1 | 2 | .409 | 18.83 | 15.85 | | | |
| New York..... | 12 | 189 | 6.0 | 5.7 | 47.9 | 43.8 | 92 | | 14 | | 156 | 19 | | .466 | 22.32 | 20.38 | | | |
| Ohio..... | 7 | 120 | 5.5 | 5.3 | 50.0 | 42.2 | 84 | | | | | 120 | | .375 | 18.75 | 15.80 | | | |
| Pennsylvania..... | 10 | 66 | 5.8 | 5.6 | 50.1 | 44.4 | 89 | | 2 | | 16 | 34 | 14 | .337 | 16.89 | 14.94 | | | |
| Wisconsin..... | 5 | 37 | 5.5 | 4.9 | 48.9 | 37.2 | 76 | | | | 20 | 17 | | .377 | 18.44 | 14.02 | | | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.3 | 92 | | | | 1 | | | .553 | 26.54 | 24.51 | | | |
| Total..... | 96 | 1,146 | 5.7 | 5.4 | 48.8 | 42.2 | 86 | 2 | 21 | 16 | 65 | 653 | 255 | 17 | 112 | 5 | .435 | 21.24 | 18.34 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 31 | 11.3 | 10.6 | 48.0 | 85.5 | 89 | | | | | | | .423 | 20.30 | 36.21 | | | |
| Other States..... | 2 | 18 | 10.1 | 9.2 | 50.0 | 66.0 | 66 | | | | | | | .337 | 17.47 | 22.28 | | | |
| Total..... | 4 | 49 | 10.9 | 10.1 | 48.7 | 73.4 | 80 | | | | | 31 | 18 | .397 | 19.26 | 31.09 | | | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | |
|--|---------------------------|----------------------|--|--|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|----------------------------|--------------------------------------|--|
| | | | | | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. |  |  |  | 57 and under 60. | 60 and over. |

FITTING OR STITCHING DEPARTMENT—Continued.

| | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|-----|------|------|------|------|-----|---|---|----|--|-----|----|---|----|---|---|---------|---------|---------|
| <i>Binders.</i> | | | | | | | | | | | | | | | | | | | | |
| <i>Female—One week period:</i> | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 3 | 6.0 | 6.0 | 53.8 | 53.8 | 100 | | | | | | | | | 2 | 1 | \$0.233 | \$12.52 | \$12.52 |
| Massachusetts..... | 9 | 58 | 5.6 | 5.2 | 46.8 | 42.5 | 91 | | | 23 | | 35 | | | | | | .542 | 25.37 | 23.03 |
| Michigan..... | 2 | 3 | 5.0 | 4.7 | 50.0 | 37.8 | 76 | | | | | | 3 | | | | | .304 | 15.20 | 11.47 |
| Minnesota..... | 2 | 9 | 4.1 | 3.9 | 48.0 | 29.8 | 62 | | | | | 9 | | | | | | .535 | 25.68 | 15.92 |
| Missouri..... | 3 | 30 | 5.9 | 5.7 | 48.0 | 43.8 | 91 | | | | | 30 | | | | | | .588 | 23.22 | 25.75 |
| New Hampshire..... | 4 | 13 | 5.9 | 5.5 | 49.2 | 44.4 | 90 | | | | | 9 | 1 | 3 | | | | .373 | 18.35 | 16.57 |
| New York..... | 9 | 33 | 5.7 | 5.7 | 47.6 | 41.3 | 87 | 5 | | | | 25 | 3 | | | | | .609 | 23.97 | 25.16 |
| Ohio..... | 6 | 33 | 5.0 | 4.9 | 50.0 | 33.8 | 78 | | | | | | 33 | | | | | .362 | 18.10 | 14.04 |
| Pennsylvania..... | 8 | 21 | 5.3 | 4.9 | 50.5 | 37.5 | 74 | | | | | 10 | 3 | | 8 | | | .401 | 20.27 | 15.03 |
| Other States..... | 3 | 53 | 6.0 | 5.8 | 53.7 | 45.4 | 85 | 1 | | | | | 1 | | 51 | | | .445 | 23.87 | 20.20 |
| Total..... | 48 | 256 | 5.6 | 5.3 | 49.3 | 41.8 | 85 | 6 | | 23 | | 118 | 44 | 5 | 59 | 1 | | .486 | 23.79 | 20.31 |
| <i>Female—Two-week period:</i> | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 1 | 10.0 | 10.0 | 50.0 | 50.0 | 82 | | | | | | | | | | | .242 | 12.10 | 19.84 |
| <i>Buttonhole makers.</i> | | | | | | | | | | | | | | | | | | | | |
| <i>Female—One-week period:</i> | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 7 | 6.0 | 5.9 | 53.6 | 50.2 | 94 | | | | | | | 5 | | 2 | | .292 | 15.66 | 14.66 |
| Maine..... | 2 | 8 | 6.0 | 6.0 | 54.0 | 51.4 | 95 | | | | | | | | 8 | | | .394 | 21.28 | 20.26 |
| Massachusetts..... | 12 | 16 | 5.1 | 5.0 | 46.7 | 38.8 | 83 | | 7 | | | 9 | | | | | | .471 | 21.99 | 18.29 |
| Missouri..... | 4 | 6 | 5.8 | 5.8 | 48.0 | 46.0 | 96 | | | | | 6 | | | | | | .369 | 17.71 | 16.96 |
| New Hampshire..... | 4 | 4 | 5.3 | 5.3 | 49.6 | 44.7 | 90 | | | | | 2 | 1 | 1 | | | | .444 | 22.03 | 19.84 |
| New Jersey..... | 2 | 2 | 5.5 | 5.0 | 50.7 | 40.2 | 79 | | | | | | | 1 | 1 | | | .277 | 14.03 | 11.11 |

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------|-----------|--------------|--------------|-------------|-------------|-----------|----------|----------|-----------|-----------|----------|-----------|----------|----------|----------|-------------|--------------|--------------|
| New York..... | 9 | 16 | * 5.7 | * 5.7 | 47.8 | 43.5 | 91 | 2 | | | 12 | 2 | | | | | .409 | 19.53 | 17.80 |
| Ohio..... | 2 | 5 | 5.8 | 5.4 | 50.0 | 41.4 | 83 | | | | 5 | | | | | | .308 | 15.40 | 12.74 |
| Pennsylvania..... | 6 | 12 | 6.3 | 6.1 | 51.6 | 38.3 | 74 | | | | 2 | 4 | | 6 | | | .261 | 13.47 | 10.02 |
| Other States..... | 2 | 3 | 5.7 | 5.7 | 48.0 | 39.6 | 83 | | | | 2 | 1 | | | | | .275 | 13.35 | 10.88 |
| Total..... | 45 | 79 | * 5.7 | * 5.6 | 49.6 | 43.0 | 87 | 2 | 7 | 33 | 14 | 7 | 14 | 2 | | | .371 | 18.30 | 15.97 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 4 | 11.3 | 10.5 | 49.5 | 82.1 | 83 | | | | 1 | 3 | | | | | .328 | 16.33 | 26.97 |
| <i>Button fasteners.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Pennsylvania..... | 2 | 3 | 5.3 | 5.3 | 54.7 | 46.3 | 85 | | | | | | | 1 | 2 | | .308 | 16.84 | 14.27 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 52.5 | 52.0 | 99 | | | | | | | 1 | | | .335 | 17.59 | 17.41 |
| Total..... | 3 | 4 | 5.5 | 5.5 | 54.1 | 47.8 | 88 | | | | | | | 1 | 1 | 2 | .315 | 17.03 | 15.05 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 1 | 2.0 | 2.0 | 50.0 | 18.0 | 18 | | | | | 1 | | | | | .319 | 15.95 | 5.74 |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 5 | 6.0 | 6.0 | 54.1 | 51.5 | 95 | | | | | | 3 | 2 | | | .272 | 14.72 | 14.01 |
| Maine..... | 2 | 8 | 6.0 | 6.0 | 54.0 | 51.5 | 95 | | | | | | | 8 | | | .342 | 18.47 | 17.59 |
| Massachusetts..... | 12 | 17 | 5.2 | 5.2 | 46.6 | 41.2 | 88 | | 8 | | 9 | | | | | | .432 | 20.13 | 17.82 |
| Minnesota..... | 2 | 2 | 5.5 | 5.5 | 48.0 | 37.3 | 78 | | | | 2 | | | | | | .301 | 14.45 | 11.23 |
| Missouri..... | 3 | 4 | 6.0 | 4.0 | 48.0 | 31.7 | 66 | | | | 4 | | | | | | .288 | 13.83 | 9.14 |
| New Hampshire..... | 2 | 2 | 6.0 | 6.0 | 48.0 | 48.0 | 100 | | | | 2 | | | | | | .416 | 19.96 | 19.96 |
| New York..... | 5 | 10 | 5.7 | 5.5 | 47.4 | 43.3 | 91 | 3 | | | 4 | 3 | | | | | .332 | 15.74 | 14.35 |
| Ohio..... | 4 | 6 | 5.2 | 5.0 | 50.0 | 40.9 | 82 | | | | 6 | | | | | | .341 | 17.05 | 13.96 |
| Pennsylvania..... | 7 | 16 | 5.6 | 5.5 | 49.3 | 41.3 | 84 | | | | 11 | 2 | | 3 | | | .282 | 13.92 | 11.64 |
| Wisconsin..... | 2 | 2 | 5.5 | 5.0 | 49.0 | 36.9 | 75 | | | | 1 | 1 | | | | | .261 | 12.79 | 9.63 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 50.0 | 49.0 | 98 | | | | | 1 | | | | | | 14.35 | 14.08 |
| Total..... | 42 | 73 | 5.6 | 5.4 | 49.2 | 42.9 | 87 | 3 | 8 | 33 | 13 | 3 | 11 | 2 | | | .339 | 16.57 | 14.51 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 3 | 11.3 | 11.3 | 48.7 | 93.1 | 96 | | | | 2 | 1 | | | | | .307 | 14.93 | 28.54 |
| <i>Eyeleters.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Maine..... | 4 | 8 | 5.9 | 5.8 | 52.8 | 47.5 | 90 | | | | 1 | 1 | | 6 | | | .442 | 23.32 | 20.99 |
| Massachusetts..... | 11 | 32 | 5.3 | 5.0 | 47.8 | 33.7 | 71 | | 3 | | 27 | 2 | | | | | .511 | 24.43 | 17.25 |
| New Hampshire..... | 6 | 9 | 5.4 | 4.8 | 48.4 | 36.4 | 75 | | | | 7 | 2 | | | | | .408 | 19.77 | 14.88 |
| New Jersey..... | 2 | 2 | 5.5 | 5.5 | 44.0 | 40.8 | 93 | | 2 | | | | | | | | .741 | 32.61 | 30.20 |
| New York..... | 4 | 17 | 6.0 | 5.8 | 47.5 | 46.1 | 97 | | 2 | | 15 | | | | | | .589 | 27.99 | 27.15 |
| Pennsylvania..... | 4 | 5 | 5.4 | 5.4 | 49.0 | 43.8 | 89 | | | | 2 | 3 | | | | | .456 | 22.34 | 19.97 |
| Total..... | 31 | 73 | 5.5 | 5.3 | 48.3 | 39.3 | 81 | 4 | 3 | 52 | 8 | | 6 | | | | .514 | 24.64 | 20.21 |

* Not including data for 1 employee in 1 establishment, starts not reported.

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|--|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |

FITTING OR STITCHING DEPARTMENT—Continued.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|-----|------|------|------|------|----|--|---|----|----|--|--|--|--|--|-----|----|---|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|---------|----------|-------|-------|-------|-------|
| <i>Eyefiters—Concluded.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 17 | 5.8 | 5.5 | 49.0 | 42.7 | 87 | | | | | | | | | | 14 | 2 | 1 | | | | | | | | | | | | | | | | | \$0.424 | \$20.79 | \$018.09 | | | | |
| Maine..... | 3 | 4 | 6.0 | 5.8 | 51.5 | 36.1 | 70 | | | | | | | | | | 1 | 1 | | 2 | | | | | | | | | | | | | | | | | .444 | 22.87 | 16.02 | | | |
| Massachusetts..... | 16 | 28 | 5.7 | 5.6 | 47.4 | 44.5 | 94 | | | 6 | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | .468 | 22.16 | 20.83 | | |
| Michigan..... | 3 | 3 | 6.0 | 6.0 | 49.3 | 49.0 | 96 | | | | | | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | .423 | 20.83 | 20.76 | | | |
| Minnesota..... | 3 | 6 | 5.5 | 5.0 | 48.0 | 38.0 | 79 | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | | | | .446 | 21.41 | 16.93 | | | |
| Missouri..... | 7 | 27 | 5.8 | 5.1 | 50.5 | 42.3 | 84 | | | | | | | | | | 11 | 7 | | 9 | | | | | | | | | | | | | | | | | | .375 | 18.94 | 15.88 | | |
| New Hampshire..... | 4 | 5 | 5.8 | 5.6 | 48.4 | 41.8 | 86 | | | | | | | | | | 4 | 1 | | | | | | | | | | | | | | | | | | | .359 | 17.38 | 14.99 | | | |
| New York..... | 7 | 10 | 5.9 | 5.9 | 47.4 | 45.3 | 96 | | 2 | | | | | | | | 7 | 1 | | | | | | | | | | | | | | | | | | | | .593 | 28.11 | 26.84 | | |
| Ohio..... | 7 | 25 | 5.9 | 5.6 | 50.0 | 45.7 | 91 | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | | .438 | 21.90 | 19.99 | | |
| Pennsylvania..... | 6 | 18 | 5.4 | 5.3 | 50.2 | 43.4 | 86 | | | | | | | | | | 2 | 14 | | 2 | | | | | | | | | | | | | | | | | | .252 | 12.66 | 10.92 | | |
| Wisconsin..... | 4 | 7 | 5.6 | 5.6 | 49.1 | 44.3 | 90 | | | | | | | | | | 3 | 4 | | | | | | | | | | | | | | | | | | | | .421 | 20.69 | 18.65 | | |
| Other States..... | 2 | 2 | 6.0 | 6.0 | 49.7 | 24.2 | 49 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | .435 | 18.25 | 10.50 | | |
| Total..... | 67 | 152 | 5.7 | 5.5 | 49.2 | 43.3 | 88 | | 2 | | 6 | | | | | | 72 | 55 | 3 | 13 | 1 | | | | | | | | | | | | | | | | | .416 | 20.35 | 18.02 | | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 4 | 10.5 | 10.0 | 48.0 | 84.3 | 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .403 | 19.35 | 33.98 |
| Other States..... | 2 | 4 | 10.3 | 9.8 | 50.0 | 65.1 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .369 | 17.91 | 24.05 |
| Total..... | 4 | 8 | 10.4 | 9.9 | 49.0 | 74.7 | 76 | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | | | | | .388 | 18.63 | 29.01 | |
| <i>Vampers.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One week period: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 9 | 5.9 | 5.7 | 48.0 | 43.1 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .574 | 27.55 | 24.75 |
| Maine..... | 3 | 7 | 6.0 | 5.4 | 53.4 | 46.6 | 87 | | | | | | | | | | | | 1 | | 6 | | | | | | | | | | | | | | | | | | | .613 | 32.75 | 28.57 |
| Massachusetts..... | 22 | 200 | 5.3 | 5.1 | 47.4 | 36.6 | 77 | | | 19 | 27 | | | | | | 142 | 12 | | | | | | | | | | | | | | | | | | | | | | .674 | 31.95 | 24.69 |
| Missouri..... | 4 | 13 | 5.9 | 5.4 | 50.8 | 43.8 | 86 | | | | | | | | | | | | 7 | | 6 | | | | | | | | | | | | | | | | | | | .568 | 28.94 | 24.90 |
| New Hampshire..... | 5 | 27 | 5.5 | 5.2 | 48.7 | 40.8 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .454 | 22.18 | 18.53 |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|--|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |

FITTING OR STITCHING DEPARTMENT—Continued.

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|----|-----|-----|-----|------|------|-----|--|---|----|-----|--|--|-----|----|---|----|---|---------|---------|---------|
| <i>Tongue stitchers.</i> | | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 6 | 5.5 | 5.2 | 48.8 | 42.2 | 86 | | | | | | | | | | | | \$0.309 | \$15.06 | \$13.04 |
| Maine..... | 3 | 5 | 6.0 | 6.0 | 49.2 | 37.3 | 76 | | | | | | | 5 | 1 | | | | .471 | 23.17 | 17.56 |
| Massachusetts..... | 16 | 54 | 5.1 | 4.7 | 47.8 | 32.8 | 69 | | 2 | 2 | | | | 50 | 3 | | | | .419 | 20.01 | 13.73 |
| Michigan..... | 3 | 9 | 6.0 | 5.8 | 49.8 | 47.6 | 96 | | | | | | | 6 | 8 | | | | .261 | 12.99 | 12.41 |
| Minnesota..... | 3 | 6 | 5.3 | 5.2 | 48.0 | 38.3 | 80 | | | | | | | 1 | | | | | .369 | 17.71 | 14.14 |
| Missouri..... | 4 | 17 | 5.8 | 5.2 | 51.2 | 43.4 | 85 | | | | | | | 2 | 9 | | 6 | | .262 | 13.41 | 11.35 |
| New Hampshire..... | 4 | 10 | 5.6 | 5.4 | 48.6 | 36.3 | 75 | | | | | | | 7 | 3 | | | | .261 | 12.69 | 9.46 |
| New York..... | 8 | 40 | 5.9 | 5.8 | 47.7 | 43.9 | 92 | | 4 | | | | | 34 | 2 | | | | .429 | 20.46 | 18.83 |
| Ohio..... | 7 | 33 | 5.8 | 5.4 | 50.0 | 42.1 | 84 | | | | | | | | 33 | | | | .344 | 17.20 | 14.47 |
| Pennsylvania..... | 5 | 16 | 5.6 | 5.4 | 49.3 | 42.2 | 85 | | | | | | | 5 | 11 | | | | .326 | 16.06 | 13.75 |
| Wisconsin..... | 2 | 3 | 5.3 | 5.7 | 48.7 | 40.8 | 84 | | | | | | | 2 | 1 | | | | .360 | 17.52 | 14.67 |
| Other States..... | 1 | 1 | 5.0 | 5.0 | 44.0 | 40.0 | 91 | | 1 | | | | | | | | | | .356 | 15.66 | 14.22 |
| Total..... | 60 | 200 | 5.6 | 5.3 | 48.7 | 39.7 | 82 | | 5 | 2 | 2 | | | 114 | 70 | 1 | 6 | | .365 | 17.88 | 14.50 |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 3 | 5 | 9.6 | 9.6 | 49.2 | 74.9 | 76 | | | | | | | 2 | 3 | | | | .257 | 12.62 | 19.28 |
| <i>Fancy stitchers.</i> | | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 34 | 5.9 | 5.2 | 49.0 | 41.5 | 85 | | | | | | | 30 | | | | | .413 | 20.24 | 17.17 |
| Maine..... | 5 | 106 | 6.0 | 5.6 | 53.6 | 45.7 | 85 | | | | | | | 3 | 6 | | 97 | 4 | .349 | 18.71 | 15.94 |
| Massachusetts..... | 22 | 292 | 5.3 | 5.1 | 46.7 | 39.4 | 84 | | 1 | 17 | 110 | | | 164 | | | | | .536 | 25.01 | 21.13 |
| Michigan..... | 2 | 4 | 6.0 | 6.0 | 49.0 | 49.0 | 100 | | | | | | | 2 | 2 | | | | .429 | 21.00 | 21.00 |
| Minnesota..... | 3 | 12 | 5.5 | 5.0 | 48.0 | 39.8 | 83 | | | | | | | 12 | | | | | .404 | 19.39 | 16.08 |
| Missouri..... | 7 | 92 | 6.0 | 5.9 | 48.5 | 43.7 | 90 | | | | | | | 84 | 1 | | 7 | | .456 | 22.11 | 19.94 |
| New Hampshire..... | 5 | 29 | 5.6 | 5.5 | 48.2 | 43.5 | 90 | | | | | | | 26 | 3 | | | | .420 | 20.25 | 18.29 |
| New York..... | 9 | 80 | 6.0 | 5.7 | 48.0 | 44.5 | 93 | | 3 | | | | | 72 | 5 | | | | .441 | 21.16 | 19.60 |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | Earnings. | | | | | |
|---|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|----------|-----------------------|----------|-----------------------|----------|-----------------------|------------------|-----------|-----------------------|------------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. |  |  |  | 60 and over. |
| FITTING OR STITCHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | |
| <i>Table workers—Concl'd.</i> | | | | | | | | | | | | | | | | | | | | | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 8 | 11.5 | 10.9 | 48.0 | 39.5 | 93 | | | | | | | | | | | \$0.294 | \$14.11 | \$26.32 | |
| Other States..... | 2 | 32 | 10.7 | 9.4 | 50.0 | 75.0 | 75 | | | | | | | | | | | .238 | 11.83 | 17.85 | |
| Total..... | 4 | 40 | 10.9 | 9.7 | 49.6 | 77.9 | 79 | | | | | | | | | | | .251 | 12.29 | 19.55 | |
| <i>Lacers.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 3 | 3 | 5.7 | 5.3 | 45.7 | 28.0 | 61 | | 1 | | 1 | | 1 | | | | | .261 | 9.18 | 5.61 | |
| Other States..... | 4 | 8 | 4.9 | 4.9 | 48.3 | 36.7 | 76 | | | | | | 7 | 1 | | | | .358 | 16.01 | 13.15 | |
| Total..... | 7 | 11 | 5.1 | 5.0 | 47.5 | 34.3 | 72 | | 1 | | 1 | | 8 | 1 | | | | .323 | 14.14 | 11.09 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 1 | 10.0 | 10.0 | 50.0 | 86.0 | 172 | | | | | | | 1 | | | | .341 | 17.05 | 29.33 | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 6 | 5.7 | 5.3 | 48.8 | 42.4 | 87 | | | | | | | 5 | | 1 | | .468 | 22.82 | 19.85 | |
| Maine..... | 3 | 4 | 6.0 | 6.0 | 51.0 | 48.9 | 96 | | | | | | | 2 | | | 2 | .401 | 20.45 | 19.60 | |
| Massachusetts..... | 19 | 37 | 5.1 | 5.1 | 47.4 | 36.6 | 77 | | | 1 | 6 | | | 30 | | | | .417 | 19.78 | 15.28 | |
| Michigan..... | 3 | 3 | 6.0 | 6.0 | 49.3 | 49.3 | 100 | | | | | | | 1 | 2 | | | .293 | 14.47 | 14.47 | |
| Minnesota..... | 2 | 3 | 5.0 | 5.0 | 48.0 | 35.3 | 74 | | | | | | | 3 | | | | .428 | 20.54 | 15.11 | |
| Missouri..... | 7 | 20 | 6.0 | 5.2 | 49.4 | 42.6 | 86 | | | | | | | 12 | 5 | 3 | | .288 | 14.23 | 12.28 | |
| New Hampshire..... | 5 | 13 | 5.8 | 5.7 | 48.5 | 42.7 | 88 | | | | | | | 10 | 3 | | | .314 | 15.22 | 13.42 | |
| New York..... | 9 | 18 | 5.8 | 5.7 | 47.3 | 44.3 | 94 | | 3 | | | | | 15 | | | | .452 | 21.39 | 20.03 | |

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|-----|------|------|------|------|-----|----|----|----|----|-----|-----|----|------|-------|-------|-------|-------|
| <i>Pullers-over, hand.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Illinois | 3 | 7 | 5.7 | 5.7 | 50.6 | 48.3 | 95 | | | | | 3 | 4 | | .614 | 31.05 | 29.63 | | |
| New York | 2 | 12 | 6.0 | 6.0 | 44.3 | 48.9 | 110 | 11 | | | | 1 | | | .677 | 30.01 | 33.11 | | |
| Ohio | 2 | 7 | 5.6 | 5.6 | 50.0 | 42.5 | 85 | | | | | | 7 | | .515 | 25.75 | 21.86 | | |
| Other States | 9 | 71 | 5.1 | 5.0 | 46.4 | 36.4 | 78 | 1 | 45 | | 19 | 3 | 3 | | .905 | 41.65 | 32.97 | | |
| Total | 16 | 97 | 5.3 | 5.2 | 46.7 | 39.3 | 84 | | 12 | 45 | | 23 | 3 | 11 | 3 | .813 | 38.29 | 31.94 | |
| <i>Pullers-over, machine.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Illinois | 4 | 28 | 6.0 | 5.9 | 49.5 | 47.5 | 96 | | | | | 22 | 2 | 4 | | .723 | 35.81 | 34.33 | |
| Maine | 5 | 34 | 6.0 | 5.4 | 53.1 | 40.8 | 77 | | | | | 2 | 5 | 27 | 4 | .834 | 44.25 | 34.03 | |
| Massachusetts | 24 | 159 | 5.4 | 5.2 | 47.5 | 35.6 | 75 | | 7 | 26 | | 112 | 14 | | | .817 | 38.84 | 29.13 | |
| Michigan | 2 | 8 | 6.0 | 5.9 | 50.0 | 47.3 | 95 | | | | | | 8 | | | .618 | 30.90 | 29.23 | |
| Minnesota | 3 | 10 | 5.2 | 4.8 | 48.0 | 28.7 | 60 | | | | | 10 | | | | .815 | 39.12 | 23.37 | |
| Missouri | 7 | 66 | 6.0 | 5.5 | 49.9 | 43.7 | 88 | | | | | 37 | 12 | 17 | | .695 | 34.69 | 30.39 | |
| New Hampshire | 8 | 47 | 5.3 | 4.8 | 48.6 | 37.0 | 76 | | | | | 34 | 12 | 1 | | .575 | 27.95 | 21.30 | |
| New Jersey | 3 | 6 | 5.7 | 5.7 | 45.2 | 40.9 | 90 | 5 | | | | | | 1 | | .604 | 27.31 | 24.69 | |
| New York | 12 | 84 | 5.8 | 5.6 | 47.8 | 43.9 | 92 | 8 | | | | 69 | 7 | | | .720 | 34.41 | 31.60 | |
| Ohio | 7 | 49 | 5.8 | 5.2 | 50.0 | 38.9 | 78 | | | | | 49 | | | | .808 | 40.40 | 31.45 | |
| Pennsylvania | 8 | 27 | 5.8 | 5.8 | 51.6 | 45.4 | 88 | 1 | | | | 4 | 7 | 15 | | .554 | 28.60 | 25.16 | |
| Wisconsin | 4 | 16 | 5.4 | 5.1 | 49.0 | 38.5 | 79 | | | | | 8 | 8 | | | .702 | 34.40 | 26.99 | |
| Total | 87 | 534 | 5.7 | 5.4 | 48.9 | 40.0 | 82 | 1 | 13 | 7 | 26 | 298 | 122 | 4 | 59 | 4 | .734 | 36.11 | 29.36 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | |
| Virginia | 2 | 13 | 12.0 | 11.5 | 48.0 | 92.8 | 97 | | | | | 13 | | | | .603 | 28.94 | 56.00 | |
| Other States | 2 | 7 | 10.0 | 9.0 | 50.0 | 64.9 | 65 | | | | | | 7 | | | .884 | 45.86 | 57.38 | |
| Total | 4 | 20 | 11.3 | 10.6 | 48.7 | 83.1 | 85 | | | | | 13 | 7 | | | .681 | 34.86 | 56.53 | |
| <i>Side lasters, hand.</i> | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | |
| Illinois | 2 | 50 | 5.9 | 5.8 | 48.0 | 46.5 | 97 | | | | | 50 | | | | .628 | 30.14 | 29.21 | |
| Maine | 2 | 6 | 6.0 | 6.0 | 50.0 | 37.8 | 76 | | | | | | 6 | | | .701 | 35.05 | 26.52 | |
| Massachusetts | 4 | 105 | 5.4 | 5.3 | 47.0 | 38.5 | 82 | | 31 | | | 74 | 7 | | | .541 | 25.44 | 20.79 | |
| Minnesota | 2 | 7 | 4.6 | 4.1 | 48.0 | 28.3 | 59 | | | | | | 7 | | | .619 | 29.71 | 17.49 | |
| Missouri | 2 | 8 | 6.0 | 5.4 | 48.0 | 40.8 | 85 | | | | | | 8 | | | .762 | 36.58 | 31.06 | |
| New Jersey | 2 | 13 | 5.5 | 5.4 | 44.0 | 33.2 | 75 | | 13 | | | | | | | .448 | 19.71 | 14.86 | |
| New York | 8 | 92 | 5.8 | 5.4 | 46.7 | 39.9 | 85 | | 35 | | | 46 | 11 | | | .710 | 33.17 | 28.33 | |
| Ohio | 2 | 39 | 5.9 | 5.8 | 50.0 | 45.4 | 91 | | | | | | 39 | | | .683 | 34.15 | 31.05 | |
| Pennsylvania | 2 | 18 | 5.5 | 5.3 | 53.0 | 44.9 | 85 | | | | | 3 | | 15 | | .377 | 19.98 | 16.94 | |
| Wisconsin | 4 | 17 | 5.4 | 5.4 | 49.1 | 41.3 | 84 | | | | | 8 | 9 | | | .544 | 26.69 | 22.44 | |
| Total | 30 | 355 | 5.7 | 5.4 | 47.8 | 40.8 | 85 | | 48 | 31 | | 196 | 65 | | 15 | .612 | 29.13 | 24.90 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | |
| All States | 1 | 7 | 10.0 | 10.0 | 50.0 | 89.9 | 90 | | | | | | | | | .738 | 36.90 | 66.36 | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | |
|--|---------------------------|----------------------|--|--|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|----------------------------|--------------------------------------|--|
| | | | | | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. |  |  |  | 57 and under 60. | 60 and over. |

LASTING DEPARTMENT—Concluded.

| | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|----|------|-----|------|------|-----|---|--|---|---|--|--|--|--|--|--|---------|---------|---------|
| <i>Turn lasters, machine.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| New York | 2 | 17 | 5.2 | 5.1 | 47.3 | 44.9 | 95 | 3 | | | | | | | | | | \$0.599 | \$28.33 | \$26.90 |
| Ohio | 2 | 5 | 5.0 | 5.0 | 50.0 | 36.0 | 72 | | | | | | | | | | | .748 | 37.40 | 26.93 |
| Pennsylvania | 2 | 7 | 5.3 | 5.0 | 48.6 | 28.5 | 59 | | | | | | | | | | | .629 | 30.55 | 17.93 |
| Other States | 1 | 2 | 6.0 | 6.0 | 48.0 | 49.9 | 104 | | | | | | | | | | | .657 | 31.54 | 32.80 |
| Total | 7 | 31 | 5.2 | 5.1 | 48.1 | 40.1 | 83 | 3 | | | | | | | | | | .630 | 30.50 | 25.26 |
| <i>Turn sewers.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Massachusetts | 4 | 8 | 4.8 | 4.8 | 46.5 | 37.3 | 80 | | | | 4 | | | | | | | 1.066 | 49.57 | 39.73 |
| Missouri | 3 | 5 | 5.6 | 5.6 | 48.0 | 40.9 | 85 | | | | | | | | | | | .911 | 43.73 | 37.21 |
| New York | 8 | 12 | 5.5 | 5.5 | 47.2 | 44.5 | 94 | 3 | | | | | | | | | | .865 | 40.80 | 38.50 |
| Ohio | 2 | 2 | 5.5 | 5.5 | 50.0 | 47.5 | 95 | | | | | | | | | | | 1.047 | 52.35 | 49.75 |
| Pennsylvania | 5 | 18 | 5.8 | 5.7 | 51.1 | 42.6 | 83 | | | | | | | | | | | .726 | 37.11 | 30.92 |
| Other States | 2 | 7 | 5.7 | 5.7 | 35.9 | 51.8 | 93 | | | | | | | | | | | .646 | 37.25 | 33.43 |
| Total | 24 | 52 | 5.5 | 5.5 | 49.8 | 43.5 | 87 | 3 | | 4 | | | | | | | | .821 | 41.12 | 35.69 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| All States | 1 | 3 | 10.0 | 9.7 | 50.0 | 74.8 | 75 | | | | | | | | | | | .462 | 23.10 | 34.59 |

| | | | | | | | | | | | | | | | | | | | | |
|--|-----------|------------|-------------|-------------|-------------|-------------|-----------|--|----------|----------|----------|--|-----------|-----------|--|-----------|----------|-------------|--------------|--------------|
| <i>Wet beaters and slashers.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 8 | 5.8 | 5.6 | 48.0 | 42.4 | 88 | | | | | | 8 | | | | | .669 | 32.11 | 28.36 |
| Maine..... | 5 | 6 | 6.0 | 6.0 | 51.7 | 38.9 | 75 | | | | | | 1 | 2 | | 3 | | .361 | 18.65 | 14.05 |
| Massachusetts..... | 15 | 26 | 5.0 | 4.9 | 47.5 | 32.5 | 68 | | | 2 | 3 | | 20 | 1 | | | | .559 | 26.54 | 18.17 |
| Michigan..... | 2 | 3 | 6.0 | 6.0 | 49.3 | 46.4 | 94 | | | | | | 1 | 2 | | | | .505 | 24.91 | 23.40 |
| Missouri..... | 4 | 8 | 5.9 | 5.5 | 49.8 | 41.0 | 82 | | | | | | 5 | 1 | | 2 | | .529 | 26.32 | 21.60 |
| New Hampshire..... | 4 | 6 | 5.8 | 5.8 | 48.0 | 46.4 | 97 | | | | | | 6 | | | | | .483 | 23.18 | 22.42 |
| New Jersey..... | 2 | 2 | 5.5 | 5.5 | 44.0 | 31.0 | 70 | | 2 | | | | | | | | | .513 | 22.57 | 15.90 |
| New York..... | 8 | 14 | 5.9 | 5.6 | 47.6 | 43.7 | 92 | | 2 | | | | 11 | 1 | | | | .584 | 27.78 | 25.50 |
| Ohio..... | 4 | 7 | 5.6 | 5.1 | 50.0 | 33.7 | 67 | | | | | | | 7 | | | | .592 | 29.60 | 19.95 |
| Pennsylvania..... | 7 | 13 | 5.7 | 5.5 | 52.1 | 44.7 | 86 | | | | | | 2 | 3 | | 8 | | .478 | 24.91 | 21.86 |
| Wisconsin..... | 4 | 6 | 5.7 | 5.3 | 49.3 | 41.5 | 84 | | | | | | 2 | 4 | | | | .447 | 22.05 | 18.54 |
| Other States..... | 1 | 2 | 6.0 | 5.5 | 48.0 | 36.7 | 76 | | | | | | 2 | | | | | .597 | 28.66 | 21.87 |
| Total..... | 59 | 101 | 5.6 | 5.4 | 48.9 | 39.4 | 81 | | 4 | 2 | 3 | | 58 | 21 | | 13 | | .534 | 26.12 | 21.02 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 4 | 12.0 | 12.0 | 48.0 | 93.8 | 98 | | | | | | 4 | | | | | .498 | 23.91 | 46.72 |
| Other States..... | 2 | 2 | 9.5 | 9.5 | 50.0 | 83.5 | 84 | | | | | | | 2 | | | | .468 | 23.08 | 39.10 |
| Total..... | 4 | 6 | 11.2 | 11.2 | 48.7 | 90.3 | 93 | | | | | | 4 | 2 | | | | .489 | 23.63 | 44.18 |
| <i>Bottom fillers, hand and machine.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 9 | 5.8 | 5.7 | 48.9 | 44.1 | 90 | | | | | | 8 | | | | | .499 | 24.42 | 22.04 |
| Maine..... | 3 | 5 | 6.0 | 6.0 | 52.0 | 44.9 | 86 | | | | | | 1 | 1 | | 3 | 1 | .559 | 29.07 | 25.11 |
| Massachusetts..... | 18 | 37 | 5.2 | 5.0 | 47.7 | 34.3 | 72 | | | 2 | 3 | | 30 | 2 | | | | .503 | 23.98 | 17.24 |
| Minnesota..... | 2 | 4 | 6.0 | 5.3 | 48.0 | 35.2 | 73 | | | | | | 4 | | | | | .567 | 27.22 | 19.96 |
| Missouri..... | 5 | 8 | 5.8 | 5.8 | 50.5 | 42.9 | 85 | | | | | | 4 | 1 | | 3 | | .558 | 28.18 | 23.93 |
| New Hampshire..... | 5 | 10 | 5.5 | 5.3 | 48.2 | 40.6 | 84 | | | | | | 9 | | | | | .413 | 19.91 | 16.74 |
| New Jersey..... | 3 | 3 | 5.7 | 5.7 | 46.0 | 39.0 | 85 | | 2 | | | | 1 | | | | | .506 | 23.28 | 19.75 |
| New York..... | 10 | 21 | 5.8 | 5.7 | 47.4 | 43.6 | 92 | | 4 | | | | 15 | 2 | | | | .516 | 24.47 | 22.49 |
| Ohio..... | 4 | 9 | 5.7 | 5.1 | 50.0 | 36.8 | 74 | | | | | | | 9 | | | | .565 | 28.25 | 20.77 |
| Pennsylvania..... | 6 | 9 | 5.9 | 5.9 | 52.5 | 44.8 | 85 | | | | | | 1 | 2 | | 5 | 1 | .391 | 20.53 | 17.54 |
| Wisconsin..... | 3 | 3 | 5.7 | 5.7 | 49.3 | 41.5 | 84 | | | | | | 1 | 2 | | | | .447 | 22.05 | 18.54 |
| Other States..... | 2 | 2 | 6.0 | 6.0 | 49.0 | 42.0 | 86 | | | | | | 1 | 1 | | | | .362 | 17.70 | 15.20 |
| Total..... | 65 | 120 | 5.6 | 5.4 | 48.7 | 39.7 | 82 | | 6 | 2 | 3 | | 74 | 22 | | 11 | 2 | .500 | 24.44 | 19.88 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 3 | 12.0 | 11.3 | 48.0 | 90.7 | 94 | | | | | | 3 | | | | | .543 | 26.06 | 49.21 |
| Other States..... | 2 | 2 | 10.5 | 10.0 | 50.0 | 88.5 | 89 | | | | | | | 2 | | | | .444 | 22.28 | 39.31 |
| Total..... | 4 | 5 | 11.4 | 10.8 | 48.8 | 89.8 | 92 | | | | | | 3 | 2 | | | | .504 | 24.55 | 45.25 |

| <i>Sole layers, hand.</i> | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|------------|-------------|-------------|-------------|-------------|-----------|----------|----------|-----------|----------|------------|-------------|--------------|--------------|--------------|--------------|--------------|
| Male—One-week period: | | | | | | | | | | | | | | | | | | |
| New York..... | 2 | 2 | 5.5 | 5.5 | 44.0 | 48.0 | 109 | 2 | | | | | .506 | 22.27 | 24.28 | | | |
| Pennsylvania..... | 2 | 2 | 5.0 | 5.0 | 48.0 | 41.6 | 87 | | | | 2 | | .550 | 26.40 | 22.86 | | | |
| Other States..... | 3 | 5 | 6.0 | 5.8 | 48.0 | 41.8 | 87 | | | | 5 | | .699 | 33.01 | 29.18 | | | |
| Total..... | 7 | 9 | 5.7 | 5.6 | 47.1 | 43.1 | 92 | 2 | | | 7 | | .619 | 29.15 | 26.69 | | | |
| <i>Sole layers, machine.</i> | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 10 | 5.6 | 5.5 | 48.9 | 41.8 | 85 | | | | 3 | 7 | | .609 | 29.14 | 25.42 | | |
| Maine..... | 5 | 8 | 6.0 | 5.9 | 52.3 | 40.3 | 77 | | | | | 3 | 5 | .607 | 31.72 | 24.49 | | |
| Massachusetts..... | 25 | 75 | 5.3 | 5.2 | 47.3 | 35.4 | 75 | 1 | 3 | 19 | 42 | 10 | | .680 | 32.15 | 24.10 | | |
| Minnesota..... | 2 | 3 | 5.7 | 5.3 | 48.0 | 35.8 | 70 | | | | 3 | | | .632 | 30.34 | 21.33 | | |
| Missouri..... | 5 | 16 | 6.0 | 6.0 | 50.6 | 49.5 | 98 | | | | 5 | 6 | 5 | .495 | 25.06 | 24.54 | | |
| New Hampshire..... | 8 | 2 | 5.5 | 5.1 | 49.2 | 38.9 | 79 | | | | 11 | 8 | 2 | .523 | 25.73 | 20.86 | | |
| New Jersey..... | 2 | 2 | 5.5 | 5.5 | 44.0 | 39.0 | 89 | 2 | | | | | | .551 | 24.25 | 21.48 | | |
| New York..... | 10 | 32 | 5.9 | 5.9 | 47.6 | 46.7 | 98 | 4 | | | 26 | 2 | | .730 | 34.77 | 34.10 | | |
| Ohio..... | 6 | 35 | 5.9 | 5.9 | 50.0 | 44.5 | 77 | | | | | 35 | | .715 | 35.75 | 31.83 | | |
| Pennsylvania..... | 7 | 13 | 5.7 | 5.6 | 51.0 | 39.5 | 89 | | | | 3 | | 5 | .529 | 28.98 | 20.87 | | |
| Wisconsin..... | 3 | 5 | 5.4 | 5.4 | 48.8 | 39.0 | 80 | | | | 3 | 2 | | .577 | 28.16 | 22.49 | | |
| Other States..... | 1 | 3 | 6.0 | 6.0 | 50.0 | 34.4 | 69 | | | | 3 | 3 | | .639 | 31.95 | 22.01 | | |
| Total..... | 76 | 223 | 5.6 | 5.5 | 48.6 | 40.6 | 84 | 7 | 3 | 19 | 3 | 100 | 74 | 2 | 15 | .645 | 31.34 | 26.19 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 5 | 12.0 | 11.2 | 48.0 | 84.6 | 88 | | | | 5 | | | .576 | 27.65 | 48.77 | | |
| Other States..... | 1 | 1 | 10.0 | 10.0 | 50.0 | 92.0 | 92 | | | | | 1 | | .918 | 45.90 | 84.45 | | |
| Total..... | 3 | 6 | 11.7 | 11.0 | 48.3 | 85.8 | 89 | | | | | 5 | 1 | .637 | 30.69 | 54.72 | | |
| <i>Rough rounders.</i> | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 19 | 5.9 | 5.8 | 48.9 | 40.8 | 83 | | | | | 17 | | .811 | 39.65 | 33.11 | | |
| Maine..... | 5 | 9 | 5.8 | 5.7 | 51.3 | 33.0 | 64 | | | | | 2 | 3 | .887 | 45.53 | 29.25 | | |
| Massachusetts..... | 19 | 70 | 5.2 | 5.1 | 47.6 | 33.6 | 71 | | 4 | 8 | | 55 | 3 | .902 | 42.89 | 30.29 | | |
| Michigan..... | 2 | 4 | 6.0 | 6.0 | 49.5 | 43.3 | 87 | | | | | 1 | 3 | .806 | 39.90 | 34.93 | | |
| Minnesota..... | 2 | 6 | 5.7 | 5.3 | 48.0 | 28.5 | 59 | | | | | 6 | | .998 | 47.90 | 28.40 | | |
| Missouri..... | 5 | 22 | 6.0 | 5.4 | 50.2 | 41.4 | 82 | | | | | 14 | | .800 | 40.15 | 33.10 | | |
| New Hampshire..... | 5 | 17 | 5.6 | 5.4 | 48.0 | 41.5 | 86 | | | | | 17 | | .715 | 34.32 | 29.65 | | |
| New Jersey..... | 3 | 3 | 5.7 | 5.7 | 46.0 | 40.2 | 87 | | | | | 1 | | .827 | 38.04 | 33.23 | | |
| New York..... | 9 | 30 | 5.9 | 5.9 | 47.5 | 42.8 | 90 | 2 | 5 | | | 23 | 2 | .787 | 37.36 | 33.71 | | |
| Ohio..... | 3 | 11 | 5.6 | 5.6 | 50.0 | 41.2 | 82 | | | | | 11 | | .918 | 45.90 | 37.82 | | |
| Pennsylvania..... | 9 | 20 | 5.4 | 5.2 | 51.9 | 35.8 | 69 | | | | | 5 | 3 | .634 | 32.92 | 22.72 | | |
| Wisconsin..... | 4 | 7 | 5.3 | 5.3 | 48.9 | 40.9 | 84 | | | | | 4 | 3 | .783 | 38.26 | 32.04 | | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.5 | 93 | | | | | 1 | | .657 | 31.54 | 29.23 | | |
| Total..... | 71 | 219 | 5.6 | 5.4 | 48.7 | 37.8 | 78 | 7 | 4 | 8 | | 145 | 29 | .819 | 40.08 | 31.00 | | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 6 | 12.0 | 12.0 | 48.0 | 88.7 | 92 | | | | | 6 | | .812 | 38.98 | 71.96 | | |
| Other States..... | 2 | 3 | 9.7 | 9.7 | 50.0 | 84.3 | 84 | | | | | | 3 | .723 | 36.42 | 60.93 | | |
| Total..... | 4 | 9 | 11.2 | 11.2 | 48.7 | 87.2 | 90 | | | | | 6 | 3 | .783 | 38.12 | 68.28 | | |

* Not including data for 3 employees in 1 establishment, starts not reported.

| | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|------------|-------------|-------------|-------------|-------------|-----------|--|-----------|-----------|-----------|--|------------|-----------|----------|-----------|----------|-------------|--------------|--------------|-------|
| Missouri..... | 2 | 8 | 6.0 | 6.0 | 51.5 | 51.3 | 100 | | | | | | 5 | | 3 | | | .302 | 15.55 | 15.49 | |
| Other States..... | 4 | 5 | 6.0 | 5.8 | 48.4 | 47.1 | 97 | | 1 | | | | 1 | 3 | | | | .342 | 16.44 | 16.10 | |
| Total..... | 14 | 29 | 5.7 | 5.6 | 50.0 | 47.4 | 87 | | 1 | | | | 11 | 10 | | 7 | | .380 | 19.64 | 16.48 | |
| <i>Goodyear stitchers.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 27 | 6.0 | 5.6 | 48.0 | 38.3 | 80 | | | | | | 27 | | | | | .966 | 46.37 | 37.02 | |
| Maine..... | 5 | 22 | 5.9 | 5.7 | 51.1 | 39.9 | 78 | | | | | | 6 | 7 | | 9 | | .601 | 30.71 | 23.98 | |
| Massachusetts..... | 20 | 178 | 5.2 | 5.1 | 47.6 | 35.2 | 74 | | | 12 | 18 | | 140 | 8 | | | | .828 | 39.38 | 29.14 | |
| Michigan..... | 3 | 9 | 6.0 | 5.7 | 49.8 | 46.0 | 92 | | | | | | 1 | 8 | | | | .748 | 37.23 | 34.33 | |
| Minnesota..... | 2 | 9 | 5.2 | 5.4 | 48.0 | 34.8 | 72 | | | | | | 9 | | | | | .873 | 41.90 | 30.40 | |
| Missouri..... | 7 | 60 | 6.0 | 6.0 | 50.3 | 43.7 | 87 | | | | | | 36 | 1 | | 23 | | .733 | 36.89 | 32.06 | |
| New Hampshire..... | 5 | 56 | 5.7 | 5.5 | 48.0 | 40.9 | 85 | | | | | | 56 | | | | | .669 | 32.11 | 27.36 | |
| New Jersey..... | 3 | 4 | 5.8 | 5.8 | 45.5 | 45.3 | 100 | | 3 | | | | | 1 | | | | .865 | 39.36 | 39.12 | |
| New York..... | 9 | 71 | 5.9 | 5.8 | 47.5 | 45.8 | 96 | | 12 | | | | 51 | 8 | | | | .698 | 33.19 | 31.96 | |
| Ohio..... | 3 | 25 | 5.6 | 5.5 | 50.0 | 39.5 | 79 | | | | | | | 25 | | | | .881 | 44.05 | 34.78 | |
| Pennsylvania..... | 8 | 39 | 5.6 | 5.5 | 51.1 | 39.9 | 78 | | | | | | 12 | 9 | | 18 | | .623 | 32.12 | 25.05 | |
| Wisconsin..... | 4 | 16 | 5.3 | 5.3 | 48.9 | 39.1 | 80 | | | | | | | 9 | 7 | | | .802 | 39.20 | 31.36 | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 48.0 | 100 | | | | | | 1 | 7 | | | | .625 | 30.00 | 30.00 | |
| Total..... | 73 | 517 | 5.6 | 5.4 | 48.6 | 39.6 | 81 | | 15 | 12 | 18 | | 348 | 74 | | 50 | | .760 | 36.91 | 30.09 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 16 | 12.0 | 11.9 | 48.0 | 95.8 | 100 | | | | | | 16 | | | | | .699 | 33.55 | 66.92 | |
| Other States..... | 2 | 10 | 9.8 | 9.0 | 50.0 | 77.0 | 77 | | | | | | | 10 | | | | .594 | 29.55 | 45.75 | |
| Total..... | 4 | 26 | 11.2 | 10.8 | 48.8 | 88.5 | 91 | | | | | | 16 | 10 | | | | .664 | 32.01 | 58.78 | |
| <i>McKay sewers.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 6 | 6.0 | 5.3 | 54.5 | 45.5 | 83 | | | | | | | | 3 | | 3 | | .544 | 29.65 | 24.73 |
| Maine..... | 2 | 30 | 6.0 | 5.9 | 54.0 | 50.1 | 93 | | | | | | | | | | | .599 | 32.35 | 30.05 | |
| Massachusetts..... | 12 | 33 | 5.6 | 5.4 | 47.2 | 37.3 | 79 | | | 14 | | | 11 | 8 | | 30 | | .764 | 36.07 | 28.52 | |
| Minnesota..... | 2 | 2 | 4.0 | 4.0 | 48.0 | 30.7 | 64 | | | | | | 2 | | | | | .664 | 31.87 | 30.35 | |
| Missouri..... | 3 | 17 | 5.9 | 5.9 | 49.1 | 46.7 | 95 | | | | | | 8 | 9 | | | | .656 | 32.18 | 30.63 | |
| New Hampshire..... | 3 | 3 | 5.7 | 5.6 | 50.2 | 48.9 | 97 | | | | | | | 13 | 1 | | | .535 | 26.55 | 26.13 | |
| New Jersey..... | 2 | 7 | 6.0 | 6.0 | 50.7 | 50.7 | 100 | | | | | | | 1 | 1 | | | .474 | 24.00 | 24.00 | |
| New York..... | 2 | 2 | 6.0 | 4.6 | 48.0 | 35.1 | 73 | | | | | | 7 | | | | | .985 | 47.76 | 34.91 | |
| Ohio..... | 5 | 20 | 6.0 | 6.0 | 50.0 | 50.2 | 100 | | | | | | | 20 | | | | .697 | 34.55 | 35.02 | |
| Pennsylvania..... | 3 | 3 | 5.7 | 5.7 | 50.5 | 47.5 | 94 | | | | | | 1 | 1 | | 1 | | .631 | 31.87 | 29.99 | |
| Other States..... | 2 | 2 | 6.0 | 6.0 | 49.0 | 49.0 | 100 | | | | | | | 1 | | | | .577 | 28.25 | 28.25 | |
| Total..... | 38 | 136 | 5.8 | 5.6 | 50.2 | 45.1 | 90 | | | | 14 | | 30 | 53 | 5 | 31 | 3 | .661 | 33.50 | 29.83 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 2 | 8.0 | 8.0 | 50.0 | 59.0 | 59 | | | | | | | 2 | | | | .491 | 24.55 | 28.95 | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | |
| BOTTOMING DEPARTMENT—Continued. | | | | | | | | | | | | | | | | | | | | | | |
| <i>Stitch separators.</i> | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 12 | 5.8 | 5.8 | 48.8 | 41.2 | 84 | | | | | | | | | | | \$0.491 | \$23.94 | \$20.18 | | |
| Massachusetts..... | 14 | 41 | 5.3 | 5.2 | 47.9 | 35.7 | 75 | | | 2 | 1 | | | 10 | 2 | 2 | | .540 | 25.84 | 19.27 | | |
| Minnesota..... | 2 | 2 | 5.5 | 5.5 | 48.0 | 35.2 | 73 | | | | | | | 2 | | | | .553 | 26.55 | 19.43 | | |
| Missouri..... | 2 | 3 | 6.0 | 4.7 | 49.3 | 37.3 | 76 | | | | | | | 1 | 2 | | | .549 | 27.08 | 20.48 | | |
| New Hampshire..... | 5 | 10 | 5.6 | 5.6 | 48.6 | 43.8 | 90 | | | | | | | 7 | 3 | | | .483 | 23.47 | 21.16 | | |
| New York..... | 5 | 10 | 5.7 | 5.3 | 47.2 | 41.1 | 87 | | 2 | | | | | 8 | | | | .558 | 28.34 | 22.66 | | |
| Ohio..... | 4 | 12 | 5.8 | 5.6 | 50.0 | 45.9 | 92 | | | | | | | 12 | | | | .423 | 21.15 | 19.41 | | |
| Pennsylvania..... | 5 | 12 | 5.9 | 5.8 | 52.3 | 48.2 | 92 | | | | | | | 2 | 2 | 8 | | .409 | 21.89 | 19.70 | | |
| Wisconsin..... | 2 | 2 | 5.5 | 5.5 | 49.0 | 43.5 | 89 | | | | | | | 1 | 1 | | | .561 | 27.49 | 24.40 | | |
| Other States..... | 2 | 3 | 6.0 | 6.0 | 46.0 | 45.3 | 98 | | 2 | | | | | 1 | 1 | | | .459 | 21.20 | 20.82 | | |
| Total..... | 44 | 107 | 5.6 | 5.4 | 48.7 | 40.6 | 83 | | 4 | 2 | 1 | | | 67 | 23 | 2 | 8 | .496 | 24.38 | 20.13 | | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 1 | 12.0 | 12.0 | 48.0 | 87.0 | 91 | | | | | | | 1 | | | | .681 | 32.69 | 59.28 | | |
| <i>Levelers.</i> | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 18 | 5.9 | 5.7 | 50.7 | 45.5 | 90 | | | | | | | 10 | | 5 | | .506 | 25.64 | 23.01 | | |
| Maine..... | 5 | 25 | 6.0 | 5.9 | 53.3 | 46.3 | 87 | | | | | | | 1 | 3 | | 21 | .606 | 32.29 | 28.07 | | |
| Massachusetts..... | 25 | 83 | 5.5 | 5.4 | 47.5 | 37.8 | 80 | | | 3 | 16 | | | 56 | 8 | | | .638 | 30.30 | 24.10 | | |
| Michigan..... | 3 | 5 | 6.0 | 5.8 | 49.2 | 46.5 | 95 | | | | | | | 2 | 3 | | | .606 | 29.82 | 28.16 | | |
| Minnesota..... | 3 | 5 | 5.2 | 5.0 | 48.0 | 38.4 | 76 | | | | | | | 5 | | | | .662 | 31.78 | 24.11 | | |
| Missouri..... | 7 | 22 | 6.0 | 5.9 | 49.4 | 47.1 | 95 | | | | | | | 15 | 3 | | 4 | .566 | 27.94 | 26.65 | | |

| | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|------------|-------------|-------------|-------------|-------------|-----------|--|--|--|----|-----------|-----------|------------|-----------|---|--|--|-------------|--------------|--------------|
| New Hampshire..... | 8 | 22 | 5.4 | 5.2 | 48.8 | 40.9 | 84 | | | | | 14 | 7 | 1 | | | | | .461 | 22.52 | 18.83 |
| New Jersey..... | 3 | 4 | 5.8 | 4.5 | 47.6 | 36.1 | 76 | | | | | | 3 | 2 | | | | | .580 | 27.62 | 20.95 |
| New York..... | 12 | 48 | 5.8 | 5.7 | 47.3 | 45.7 | 97 | | | | | 35 | 43 | | | | | | .566 | 26.77 | 25.89 |
| Ohio..... | 7 | 43 | 5.8 | 5.8 | 50.0 | 43.6 | 87 | | | | | | 3 | | | | | | .698 | 33.40 | 29.11 |
| Pennsylvania..... | 9 | 22 | 5.6 | 5.3 | 50.8 | 39.3 | 77 | | | | | 10 | 3 | | 6 | 3 | | | .442 | 22.46 | 17.98 |
| Wisconsin..... | 4 | 7 | 5.5 | 5.5 | 49.1 | 41.8 | 85 | | | | | 3 | 4 | | | | | | .536 | 26.34 | 22.88 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.5 | 93 | | | | | 1 | | | | | | | .906 | 17.57 | 16.27 |
| Total..... | 92 | 305 | 5.7 | 5.6 | 49.0 | 42.2 | 86 | | | | | 12 | 3 | 16 | | | | | .583 | 28.62 | 24.63 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 7 | 12.0 | 11.9 | 48.0 | 96.1 | 100 | | | | | 7 | | | | | | | .569 | 27.31 | 54.71 |
| Other States..... | 2 | 6 | 11.0 | 9.7 | 50.0 | 77.1 | 77 | | | | | | 6 | | | | | | .397 | 19.90 | 30.64 |
| Total..... | 4 | 13 | 11.5 | 10.8 | 48.9 | 87.3 | 89 | | | | | 7 | 6 | | | | | | .499 | 23.89 | 43.60 |
| <i>Heelers, leather.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 20 | 5.9 | 5.7 | 49.7 | 43.0 | 87 | | | | | 15 | | 2 | | 3 | | | .816 | 40.58 | 35.10 |
| Maine..... | 5 | 24 | 6.0 | 6.0 | 53.0 | 44.3 | 84 | | | | | 2 | 3 | | 19 | | | | .842 | 44.63 | 37.31 |
| Massachusetts..... | 26 | 95 | 5.4 | 5.1 | 47.3 | 36.5 | 77 | | | | 8 | 19 | | | | | | | .792 | 37.45 | 28.91 |
| Michigan..... | 2 | 4 | 6.0 | 6.0 | 50.0 | 42.8 | 86 | | | | | | 4 | | | | | | .677 | 33.85 | 28.93 |
| Minnesota..... | 2 | 7 | 5.3 | 4.7 | 48.0 | 33.5 | 70 | | | | | 7 | | | | | | | .806 | 38.69 | 26.98 |
| Missouri..... | 7 | 36 | 5.9 | 5.7 | 49.7 | 46.1 | 93 | | | | | 22 | 6 | | 8 | | | | .647 | 32.13 | 29.86 |
| New Hampshire..... | 8 | 32 | 5.6 | 5.5 | 48.6 | 41.4 | 85 | | | | | 23 | 8 | 1 | | | | | .765 | 37.21 | 31.64 |
| New Jersey..... | 4 | 5 | 5.8 | 5.8 | 46.7 | 42.3 | 91 | | | | 3 | | 1 | | | | | | .628 | 29.30 | 26.54 |
| New York..... | 12 | 45 | 5.8 | 5.8 | 47.6 | 41.6 | 87 | | | | 6 | | | 1 | | | | | .793 | 37.75 | 33.02 |
| Ohio..... | 7 | 35 | 5.8 | 5.7 | 50.0 | 43.0 | 86 | | | | | | 35 | | | | | | .782 | 39.10 | 33.66 |
| Pennsylvania..... | 10 | 21 | 5.8 | 5.7 | 50.6 | 41.8 | 83 | | | | | | 7 | | 6 | 1 | | | .574 | 29.07 | 24.02 |
| Wisconsin..... | 5 | 13 | 5.4 | 5.2 | 48.8 | 40.8 | 84 | | | | | | 8 | 5 | | | | | .696 | 33.94 | 28.41 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 38.0 | 79 | | | | | | 1 | | | | | | 1.005 | 48.24 | 38.19 |
| Total..... | 94 | 338 | 5.7 | 5.5 | 48.8 | 40.9 | 84 | | | | | 9 | 8 | 19 | | | | | .756 | 37.01 | 30.90 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 4 | 12.0 | 12.0 | 48.0 | 80.0 | 83 | | | | | 4 | | | | | | | 1.298 | 62.31 | 103.85 |
| Other States..... | 2 | 6 | 11.0 | 11.0 | 50.0 | 88.8 | 89 | | | | | | 6 | | | | | | .576 | 28.53 | 51.16 |
| Total..... | 4 | 10 | 11.4 | 11.4 | 49.2 | 85.3 | 87 | | | | | 4 | 6 | | | | | | .847 | 42.04 | 72.24 |
| <i>Heelers, wood.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 8 | 72 | 5.3 | 4.9 | 46.9 | 35.8 | 76 | | | | | 30 | | 37 | 5 | | | | .767 | 35.96 | 27.43 |
| Missouri..... | 3 | 45 | 6.0 | 5.9 | 48.0 | 46.8 | 98 | | | | | | | 45 | | | | | .697 | 33.46 | 32.63 |
| New York..... | 9 | 59 | 5.7 | 5.4 | 47.5 | 40.4 | 85 | | | | 11 | | | 40 | 8 | | | | .710 | 33.74 | 28.71 |
| Ohio..... | 3 | 35 | 5.8 | 5.8 | 50.0 | 45.7 | 91 | | | | | | | | 35 | | | | .725 | 36.25 | 33.16 |
| Pennsylvania..... | 3 | 32 | 5.7 | 4.0 | 48.1 | 27.4 | 57 | | | | | | | 31 | 1 | | | | .520 | 24.99 | 14.24 |
| Other States..... | 1 | 2 | 6.0 | 6.0 | 54.0 | 45.0 | 83 | | | | | | | | | 2 | | | .589 | 31.81 | 26.49 |
| Total..... | 27 | 215 | 5.6 | 5.2 | 47.9 | 39.3 | 82 | | | | | 11 | 30 | 153 | 49 | | | | .710 | 33.77 | 27.91 |

| <i>Heel breakers.</i> | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|------------|-------------|-------------|-------------|-------------|-----------|--|-----------|-----------|-----------|--|------------|------------|----------|-----------|----------|-------------|--------------------------|--------------|
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois | 4 | 10 | 5.7 | 5.8 | 50.6 | 47.7 | 94 | | | | | | 7 | | 3 | | | .526 | 26.59 | 25.08 |
| Maine | 4 | 14 | 6.0 | 5.9 | 53.3 | 46.3 | 87 | | | | | | 1 | 1 | | 12 | | .515 | 27.44 | 23.84 |
| Massachusetts | 22 | 44 | 5.4 | 5.3 | 47.4 | 37.1 | 78 | | 2 | 10 | | | 27 | 5 | | | | .693 | 32.84 | 25.68 |
| Missouri | 7 | 16 | 5.9 | 5.8 | 50.3 | 46.9 | 93 | | | | | | 8 | 3 | | 5 | | .502 | 25.23 | 23.56 |
| New Hampshire | 8 | 12 | 5.6 | 5.4 | 48.9 | 40.9 | 84 | | | | | | 8 | 3 | 1 | | | .467 | 22.83 | 19.10 |
| New Jersey | 2 | 2 | 5.5 | 5.5 | 44.0 | 33.3 | 76 | | | | | | | | | | | .543 | 23.89 | 18.07 |
| New York | 10 | 21 | 5.9 | 5.5 | 47.9 | 40.0 | 84 | | 2 | | | | 16 | 3 | | | | .601 | 28.79 | 24.04 |
| Ohio | 7 | 18 | 5.7 | 5.4 | 50.0 | 43.9 | 88 | | | | | | | 18 | | | | .660 | 33.00 | 28.96 |
| Pennsylvania | 8 | 10 | 5.5 | 5.5 | 51.0 | 41.8 | 82 | | | | | | 3 | 3 | | 3 | 1 | .545 | 27.80 | 22.82 |
| Wisconsin | 3 | 6 | 5.3 | 5.2 | 48.7 | 38.9 | 80 | | | | | | 4 | 2 | | | | .432 | 21.02 | 16.84 |
| Other States | 2 | 4 | 6.0 | 5.8 | 49.0 | 36.9 | 75 | | | | | | 2 | 2 | | | | .690 | 34.78 | 25.46 |
| Total | 77 | 157 | 5.7 | 5.5 | 49.2 | 41.4 | 84 | | 4 | 2 | 10 | | 76 | 40 | 1 | 20 | 4 | .587 | 29.06^a | 24.29 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia | 2 | 3 | 12.0 | 12.0 | 48.0 | 89.0 | 93 | | | | | | 3 | | | | | .613 | 29.42 | 54.54 |
| Other States | 1 | 1 | 11.0 | 11.0 | 50.0 | 90.0 | 90 | | | | | | | 1 | | | | .528 | 26.40 | 47.55 |
| Total | 3 | 4 | 11.8 | 11.8 | 48.5 | 89.3 | 92 | | | | | | 3 | 1 | | | | .592 | 28.67 | 52.80 |
| <i>Edge trimmers.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois | 5 | 40 | 5.9 | 5.2 | 50.1 | 40.0 | 80 | | | | | | 28 | | 5 | | | .757 | 37.89 | 30.26 |
| Maine | 5 | 49 | 6.0 | 5.7 | 53.0 | 44.8 | 85 | | | | | | 4 | 6 | | 39 | 7 | .691 | 36.64 | 30.94 |
| Massachusetts | 26 | 242 | 5.3 | 5.2 | 47.4 | 37.2 | 78 | | | | | | 169 | 17 | | | | .831 | 39.41 | 30.96 |
| Michigan | 3 | 9 | 6.0 | 5.6 | 49.8 | 39.8 | 80 | | | 14 | 42 | | 1 | 8 | | | | .740 | 36.84 | 29.42 |
| Minnesota | 3 | 11 | 5.7 | 5.5 | 48.0 | 32.4 | 63 | | | | | | | | | | | .788 | 37.82 | 25.50 |
| Missouri | 7 | 79 | 5.9 | 5.8 | 49.5 | 46.3 | 95 | | | | | | 49 | 15 | | 15 | | .804 | 39.81 | 37.64 |
| New Hampshire | 8 | 59 | 5.4 | 5.3 | 48.5 | 39.8 | 82 | | | | | | 1 | | 1 | | | .701 | 34.01 | 27.91 |
| New Jersey | 4 | 6 | 5.8 | 5.8 | 47.2 | 39.6 | 84 | | | | | | 45 | 13 | | 1 | | .779 | 36.78 | 30.86 |
| New York | 12 | 105 | 5.8 | 5.7 | 47.7 | 42.4 | 80 | | 3 | | | | | 2 | | | | .773 | 36.85 | 32.73 |
| Ohio | 7 | 82 | 5.8 | 5.4 | 50.0 | 43.8 | 88 | | 12 | | | | 86 | 7 | | | | .765 | 38.25 | 33.54 |
| Pennsylvania | 10 | 53 | 5.9 | 5.6 | 51.3 | 42.2 | 82 | | | | | | 16 | 12 | | | | .621 | 31.84 | 26.13 |
| Wisconsin | 5 | 21 | 5.3 | 5.3 | 49.0 | 39.3 | 80 | | | | | | 10 | 11 | | 23 | 2 | .777 | 38.11 | 30.52 |
| Other States | 1 | 1 | 6.0 | 6.0 | 48.0 | 40.5 | 84 | | | | | | 1 | | | | | .720 | 34.56 | 29.15 |
| Total | 96 | 757 | 5.6 | 5.4 | 48.9 | 40.9 | 84 | | 15 | 14 | 42 | | 420 | 173 | 7 | 77 | 9 | .770 | 37.64 | 31.46 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia | 2 | 17 | 12.0 | 11.2 | 48.0 | 88.5 | 92 | | | | | | 17 | | | | | .672 | 32.26 | 59.47 |
| Other States | 2 | 15 | 11.7 | 10.4 | 50.0 | 86.9 | 87 | | | | | | | 15 | | | | .574 | 28.78 | 49.94 |
| Total | 4 | 32 | 11.8 | 10.8 | 49.9 | 87.8 | 90 | | | | | | 17 | 15 | | | | .627 | 30.63 | 55.00 |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employes. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|---------------------|--|--------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|----------|-----------------------|-----|-----------------------|------------------|----------|-----------------------|------------------|--------------|-------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employes. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| BOTTOMING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Sluggers.</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 6 | 5.5 | 5.5 | 51.6 | 47.0 | 91 | | | | | | | 3 | | 1 | | 2 | | \$0.511 | \$26.36 | \$24.01 | |
| Maine..... | 3 | 7 | 6.0 | 6.0 | 52.9 | 42.0 | 79 | | | | | | | | 2 | | 5 | | | .620 | 32.77 | 26.08 | |
| Massachusetts..... | 17 | 23 | 5.3 | 5.3 | 47.4 | 36.9 | 78 | | | 1 | 4 | | | 17 | 1 | | | | | .615 | 29.16 | 22.71 | |
| Michigan..... | 2 | 3 | 6.0 | 6.0 | 49.3 | 44.8 | 91 | | | | | | | 1 | 2 | | | | | .728 | 35.67 | 32.41 | |
| Minnesota..... | 2 | 4 | 6.0 | 5.8 | 48.0 | 40.9 | 85 | | | | | | | 4 | | | | | | .603 | 28.95 | 24.64 | |
| Missouri..... | 4 | 5 | 5.8 | 5.8 | 48.4 | 44.3 | 92 | | | | | | | 2 | 1 | | | | | .498 | 24.10 | 22.04 | |
| New Hampshire..... | 4 | 4 | 5.0 | 5.0 | 49.6 | 40.1 | 81 | | | | | | | 2 | | 1 | | | | .494 | 24.52 | 19.81 | |
| New Jersey..... | 3 | 3 | 5.7 | 5.7 | 46.4 | 36.3 | 78 | | | | | | | | | 1 | | | | .631 | 29.90 | 22.87 | |
| New York..... | 8 | 9 | 5.7 | 5.7 | 47.3 | 42.7 | 90 | | 2 | | | | | 6 | 1 | | | | | .542 | 25.65 | 23.15 | |
| Ohio..... | 6 | 12 | 5.9 | 5.6 | 50.0 | 45.3 | 91 | | | | | | | | 12 | | | | | .528 | 26.40 | 23.93 | |
| Pennsylvania..... | 9 | 14 | 5.8 | 5.7 | 50.7 | 41.2 | 81 | | | | | | | 5 | 4 | | 4 | 1 | | .413 | 20.95 | 17.01 | |
| Wisconsin..... | 3 | 4 | 5.0 | 5.0 | 49.0 | 40.6 | 83 | | | | | | | 2 | 2 | | | | | .623 | 30.58 | 25.29 | |
| Total..... | 66 | 94 | 5.6 | 5.5 | 49.2 | 41.3 | 84 | | | 4 | 1 | 4 | | 44 | 26 | 3 | 9 | 3 | | .551 | 27.13 | 22.74 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 2 | 2 | 11.0 | 11.0 | 50.0 | 71.3 | 71 | | | | | | | | 1 | 1 | | | | .369 | 18.43 | 26.27 | |

FINISHING DEPARTMENT.

| | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------|------------|-------------|-------------|-------------|-------------|-----------|--|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|--|-------------|--------------|--------------|
| <i>Buffers.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 25 | 5.7 | 5.5 | 50.6 | 42.4 | 84 | | | | | 15 | | 5 | 5 | | | \$0.631 | \$31.93 | \$26.80 |
| Maine..... | 5 | 29 | 6.0 | 5.9 | 53.4 | 46.8 | 88 | | | | | 1 | 3 | 25 | | | | .638 | 34.06 | 29.89 |
| Massachusetts..... | 26 | 86 | 5.4 | 5.2 | 47.0 | 34.4 | 73 | | 13 | 20 | | 45 | 8 | | | | | .744 | 34.96 | 25.57 |
| Michigan..... | 2 | 5 | 6.0 | 5.8 | 49.6 | 44.6 | 90 | | | | | 1 | 4 | | | | | .659 | 32.69 | 29.37 |
| Minnesota..... | 3 | 8 | 5.8 | 5.5 | 48.0 | 33.3 | 80 | | | | | 8 | | | | | | .717 | 34.42 | 27.46 |
| Missouri..... | 7 | 47 | 6.0 | 5.7 | 49.1 | 46.1 | 94 | | | | | 32 | 9 | | 6 | | | .630 | 30.96 | 29.04 |
| New Hampshire..... | 8 | 29 | 5.5 | 5.2 | 48.8 | 42.2 | 86 | | | | | 18 | 10 | 1 | | | | .555 | 27.11 | 23.41 |
| New Jersey..... | 4 | 9 | 5.7 | 5.7 | 45.5 | 37.3 | 82 | | 7 | | | 1 | 1 | | | | | .524 | 23.83 | 19.52 |
| New York..... | 11 | 66 | 5.9 | 5.8 | 48.0 | 41.8 | 87 | | 5 | | | 50 | 11 | | | | | .580 | 27.96 | 24.25 |
| Ohio..... | 7 | 53 | 5.7 | 5.6 | 50.0 | 45.4 | 91 | | | | | | 53 | | | | | .638 | 31.90 | 29.00 |
| Pennsylvania..... | 10 | 25 | 5.8 | 5.4 | 50.6 | 38.2 | 75 | | | | | 13 | 3 | | 4 | 5 | | .514 | 26.00 | 19.66 |
| Wisconsin..... | 5 | 12 | 5.3 | 5.3 | 48.8 | 40.7 | 83 | | | | | 7 | 5 | | | | | .610 | 29.79 | 24.82 |
| Other States..... | 1 | 2 | 6.0 | 6.0 | 48.0 | 44.3 | 92 | | | | | 2 | | | | | | .714 | 34.27 | 31.60 |
| Total..... | 94* | 396 | 5.7 | 5.5 | 49.0 | 41.2 | 84 | | 12 | 13 | 20 | 192 | 107 | 7 | 35 | 10 | | .632 | 31.04 | 26.04 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 7 | 12.0 | 11.4 | 48.0 | 89.1 | 93 | | | | | 7 | | | | | | .606 | 29.09 | 54.04 |
| Other States..... | 2 | 5 | 11.0 | 10.6 | 50.0 | 87.0 | 87 | | | | | | 5 | | | | | .530 | 26.66 | 46.08 |
| Total..... | 4 | 12 | 11.6 | 11.1 | 48.8 | 88.3 | 90 | | | | | 7 | 5 | | | | | .575 | 28.08 | 50.72 |
| <i>Edge setters.</i> | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 47 | 6.0 | 5.7 | 50.1 | 43.1 | 86 | | | | | 32 | | 8 | | 7 | | .711 | 35.60 | 30.61 |
| Maine..... | 5 | 41 | 6.0 | 5.5 | 52.9 | 41.8 | 79 | | | | | 4 | 5 | 32 | | | | .754 | 39.91 | 31.50 |
| Massachusetts..... | 26 | 217 | 5.3 | 5.2 | 47.4 | 36.7 | 77 | | 15 | 39 | | 146 | 17 | | | | | .837 | 39.66 | 30.74 |
| Michigan..... | 3 | 11 | 5.6 | 5.4 | 49.6 | 39.3 | 80 | | | | | 2 | 9 | | | | | .673 | 33.41 | 26.42 |
| Minnesota..... | 3 | 15 | 5.9 | 5.3 | 48.0 | 34.9 | 73 | | | | | 15 | | | | | | .727 | 34.90 | 25.35 |
| Missouri..... | 7 | 75 | 5.9 | 5.7 | 49.6 | 44.9 | 91 | | | | | 50 | 7 | | 18 | | | .827 | 41.04 | 37.15 |
| New Hampshire..... | 8 | 55 | 5.5 | 5.2 | 48.5 | 41.3 | 85 | | | | | 43 | 10 | 2 | | | | .662 | 32.13 | 27.37 |
| New Jersey..... | 4 | 11 | 5.7 | 5.7 | 46.3 | 37.5 | 81 | | 7 | | | | 3 | 1 | | | | .681 | 31.53 | 25.56 |
| New York..... | 12 | 102 | 5.8 | 5.5 | 47.6 | 41.8 | 88 | | 11 | | | 88 | 3 | | | | | .744 | 35.43 | 31.08 |
| Ohio..... | 7 | 89 | 5.8 | 5.6 | 50.0 | 44.8 | 90 | | | | | | 89 | | | | | .768 | 38.40 | 34.40 |
| Pennsylvania..... | 10 | 62 | 5.8 | 5.6 | 51.6 | 41.4 | 80 | | | | | 20 | 9 | | 24 | 9 | | .648 | 33.43 | 26.82 |
| Wisconsin..... | 5 | 20 | 5.3 | 5.2 | 48.8 | 39.1 | 80 | | | | | 12 | 8 | | | | | .731 | 35.67 | 28.56 |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 43.0 | 90 | | | | | 1 | | | | | | .699 | 33.55 | 30.05 |
| Total..... | 96 | 746 | 5.7 | 5.4 | 48.9 | 40.7 | 83 | | 18 | 15 | 39 | 413 | 160 | 11 | 74 | 16 | | .763 | 37.33 | 31.02 |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 19 | 12.0 | 10.7 | 48.0 | 83.2 | 87 | | | | | 19 | | | | | | .674 | 32.35 | 56.09 |
| Other States..... | 2 | 14 | 11.0 | 11.0 | 50.0 | 87.9 | 88 | | | | | | 14 | | | | | .527 | 26.50 | 46.38 |
| Total..... | 4 | 33 | 11.6 | 10.8 | 48.8 | 85.2 | 87 | | | | | 19 | 14 | | | | | .610 | 29.87 | 51.97 |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employ-ees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|-----------------------|--|-----------------|-----------------------------------|---|-------------------------------|--|-----------|-----------------------|-----------|-----------------------|------------|-----------------------|------------------|-----------|-----------------------|------------------|----------------------------|--------------------------------------|--|
| | | | By estab-lish-ments. | By em-ploy-ees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. |  |  |  | 60 and over. |
| FINISHING DEPARTMENT—Continued. | | | | | | | | | | | | | | | | | | | | | |
| <i>Heel scourers</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 21 | 5.9 | 5.0 | 50.3 | 42.9 | 85 | | | | | | | | | | | | | | |
| Maine..... | 5 | 28 | 6.0 | 5.6 | 52.9 | 44.2 | 84 | | | | | | | | | | | | | | |
| Massachusetts..... | 24 | 103 | 5.3 | 5.2 | 47.3 | 36.8 | 78 | | | 8 | 21 | | | | | | | | | | |
| Michigan..... | 2 | 7 | 6.0 | 5.9 | 49.7 | 44.6 | 90 | | | | | | | | | | | | | | |
| Minnesota..... | 3 | 9 | 5.1 | 5.3 | 48.0 | 35.7 | 74 | | | | | | | | | | | | | | |
| Missouri..... | 7 | 52 | 5.9 | 5.7 | 50.0 | 46.0 | 92 | | | | | | | | | | | | | | |
| New Hampshire..... | 8 | 33 | 5.4 | 5.4 | 48.5 | 40.2 | 83 | | | | | | | | | | | | | | |
| New Jersey..... | 4 | 6 | 5.8 | 5.8 | 46.2 | 40.4 | 87 | | 4 | | | | | | | | | | | | |
| New York..... | 12 | 64 | 5.9 | 5.7 | 47.5 | 43.3 | 91 | | 10 | | | | | | | | | | | | |
| Ohio..... | 7 | 39 | 5.7 | 5.5 | 50.0 | 43.6 | 87 | | | | | | | | | | | | | | |
| Pennsylvania..... | 10 | 27 | 5.8 | 5.7 | 51.2 | 42.2 | 82 | | | | | | | | | | | | | | |
| Wisconsin..... | 5 | 15 | 5.4 | 5.3 | 48.9 | 40.0 | 82 | | | | | | | | | | | | | | |
| Other States..... | 1 | 1 | 6.0 | 6.0 | 48.0 | 44.3 | 92 | | | | | | | | | | | | | | |
| Total..... | 93 | 405 | 5.7 | 5.5 | 48.9 | 41.4 | 85 | | 14 | 8 | 21 | | 214 | 90 | 5 | 48 | 5 | 609 | 29.90 | 25.23 | |
| Male—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 11 | 12.0 | 11.6 | 48.0 | 89.7 | 93 | | | | | | | | | | | | | | |
| Other States..... | 2 | 5 | 10.8 | 10.6 | 50.0 | 89.0 | 89 | | | | | | | | | | | | | | |
| Total..... | 4 | 16 | 11.6 | 11.3 | 48.6 | 89.5 | 92 | | | | | | 11 | 5 | | | | 557 | 27.00 | 49.80 | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employees. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|----------------------|--|---------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----------|-----------------------|------------------|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employees. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. |  |  |  | 60 and over. |
| FINISHING DEPARTMENT—Continued. | | | | | | | | | | | | | | | | | | | | | |
| <i>Trees—Concluded.</i> | | | | | | | | | | | | | | | | | | | | | |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 32 | 6.0 | 5.8 | 49.5 | 46.9 | 95 | | | | | | | | | | | \$0.380 | \$18.81 | \$17.86 | |
| Massachusetts..... | 6 | 29 | 5.9 | 5.8 | 47.8 | 44.8 | 94 | | | 2 | | | | | | | | .365 | 17.44 | 16.37 | |
| Missouri..... | 5 | 33 | 6.0 | 5.6 | 48.0 | 44.3 | 92 | | | | | | | | | | | .411 | 19.73 | 18.18 | |
| New York..... | 5 | 30 | 5.8 | 5.6 | 47.6 | 35.8 | 75 | 3 | | | | | | | | | | .426 | 20.28 | 15.25 | |
| Ohio..... | 6 | 63 | 5.7 | 5.3 | 50.0 | 42.9 | 86 | | | | | | 63 | | | | | .417 | 20.85 | 17.89 | |
| Pennsylvania..... | 4 | 14 | 6.0 | 5.7 | 53.0 | 33.1 | 62 | | | | | | 1 | 2 | 11 | | | .511 | 16.48 | 10.28 | |
| Wisconsin..... | 2 | 9 | 5.1 | 5.1 | 48.2 | 36.7 | 76 | | | | | | 1 | | | | | .481 | 23.19 | 17.66 | |
| Other States..... | 3 | 14 | 6.0 | 5.6 | 52.7 | 46.8 | 89 | | | | | | | | 11 | | | .374 | 19.67 | 17.52 | |
| Total..... | 34 | 224 | 5.9 | 5.6 | 49.3 | 42.4 | 86 | 3 | | 2 | | | 123 | 66 | 5 | 22 | 3 | .398 | 19.62 | 16.87 | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| All States..... | 1 | 4 | 11.0 | 11.0 | 50.0 | 90.9 | 91 | | | | | | | 4 | | | | .269 | 13.45 | 24.51 | |
| <i>Repairers (not cobblers).</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 7 | 6.0 | 4.9 | 48.0 | 38.1 | 79 | | | | | | | | | | | .577 | 27.70 | 21.97 | |
| Maine..... | 3 | 5 | 6.0 | 6.0 | 52.4 | 48.2 | 92 | | | | | | | 2 | | | | .333 | 17.45 | 16.08 | |
| Massachusetts..... | 9 | 30 | 5.6 | 5.2 | 47.1 | 40.2 | 85 | | | 4 | 5 | | | | | | | .438 | 20.61 | 17.60 | |
| Minnesota..... | 2 | 5 | 6.0 | 5.4 | 48.0 | 41.5 | 86 | | | | | | | | | | | .558 | 26.78 | 23.17 | |
| Missouri..... | 3 | 7 | 6.0 | 6.0 | 48.0 | 48.0 | 100 | | | | | | | | | | | .539 | 25.87 | 25.87 | |
| New Hampshire..... | 5 | 12 | 5.3 | 5.3 | 48.9 | 43.2 | 88 | | | | | | | 1 | 2 | | | .449 | 21.06 | 19.41 | |
| New Jersey..... | 3 | 6 | 5.3 | 5.3 | 45.0 | 41.7 | 93 | | | 5 | | | | 1 | | | | .473 | 21.29 | 19.73 | |
| New York..... | 7 | 16 | 5.7 | 5.4 | 47.8 | 46.0 | 96 | | | | | | 12 | 2 | | | | .508 | 24.26 | 23.37 | |
| Pennsylvania..... | 6 | 16 | 5.8 | 5.8 | 50.2 | 44.9 | 89 | | | 2 | | | | 3 | | 5 | | .393 | 19.72 | 17.66 | |
| Wisconsin..... | 2 | 4 | 5.3 | 5.3 | 48.5 | 41.7 | 86 | | | | | | | 3 | 1 | | | .559 | 27.11 | 23.32 | |
| Other States..... | 2 | 5 | 6.0 | 5.8 | 50.0 | 47.7 | 95 | | | | | | | | | | | .461 | 22.94 | 21.97 | |
| Total..... | 45 | 113 | 5.7 | 5.4 | 48.3 | 43.2 | 89 | 7 | 4 | 5 | | | 72 | 15 | 2 | 8 | | .465 | 22.40 | 20.09 | |

TABLE A.—AVERAGE HOURS AND EARNINGS AND CLASSIFIED FULL-TIME HOURS PER WEEK, BY DEPARTMENTS, OCCUPATIONS, PAY-ROLL PERIODS, SEX, AND STATES, 1922—Continued.

| Occupation, pay-roll period, sex, and State. | Number of establishments. | Number of employes. | Average number of starts (days) made in pay-roll period. | | Hours. | | | | | | | | | | | | | Earnings. | | | | | |
|--|---------------------------|---------------------|--|--------------|-----------------------------------|---|-------------------------------|--|-----|-----------------------|-----|-----------------------|-----|-----------------------|------------------|-----|-----------------------|------------------|--------------|--|----------------------------|--------------------------------------|--|
| | | | By establishments. | By employes. | Average full-time hours per week. | Average hours actually worked in one pay-roll period. | Per cent of full time worked. | Number of employees whose full-time hours per week were— | | | | | | | | | | | | | Average earnings per hour. | Average full-time earnings per week. | Average earnings actually received in pay-roll period. |
| | | | | | | | | Under 44. | 44. | Over 44 and under 45. | 45. | Over 45 and under 48. | 48. | Over 48 and under 51. | 51 and under 54. | 54. | Over 54 and under 57. | 57 and under 60. | 60 and over. | | | | |

FINISHING DEPARTMENT—Continued.

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------|-----------|-------------|-------------|-------------|-------------|-----------|--|----------|---|----------|-----------|----------|---|----------|----------|---|--|-------------|--------------|--------------|
| <i>Dressers—Concluded.</i> | | | | | | | | | | | | | | | | | | | | | |
| Female—Two-week period: | | | | | | | | | | | | | | | | | | | | | |
| Virginia..... | 2 | 3 | 12.0 | 11.7 | 48.0 | 87.0 | 91 | | | | | | | | | | | | \$0.376 | \$18.05 | \$32.75 |
| Other States..... | 2 | 6 | 11.8 | 11.5 | 50.0 | 94.6 | 95 | | | | | | | | | | | | .425 | 21.08 | 40.15 |
| Total..... | 4 | 9 | 11.9 | 11.6 | 49.3 | 92.0 | 93 | | | | | | | | | | | | .409 | 20.07 | 37.69 |
| <i>Sock liners.</i> | | | | | | | | | | | | | | | | | | | | | |
| Male—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 4 | 6 | 5.5 | 4.7 | 47.8 | 28.0 | 59 | | | 1 | | 4 | 1 | | | | | | .355 | 16.98 | 9.95 |
| New York..... | 3 | 11 | 5.7 | 5.3 | 47.3 | 42.2 | 89 | | 2 | | | 9 | | | | | | | .412 | 19.48 | 17.38 |
| Other States..... | 4 | 4 | 6.0 | 5.8 | 52.6 | 50.8 | 97 | | | | | | 2 | | 1 | 1 | | | .320 | 16.78 | 16.22 |
| Total..... | 11 | 21 | 5.7 | 5.2 | 48.5 | 40.0 | 82 | | 2 | | 1 | 13 | 3 | | 1 | 1 | | | .378 | 18.25 | 15.03 |
| Female—One-week period: | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 17 | 6.0 | 5.5 | 51.1 | 45.5 | 89 | | | | | 8 | | | 6 | | 3 | | .289 | 14.76 | 13.15 |
| Maine..... | 5 | 23 | 6.0 | 5.7 | 53.4 | 48.8 | 91 | | | | | 1 | 2 | | 20 | | | | .352 | 18.79 | 17.17 |
| Massachusetts..... | 22 | 69 | 5.6 | 5.2 | 47.0 | 38.4 | 82 | | 2 | 2 | 18 | 44 | 3 | | | | | | .367 | 17.25 | 14.11 |
| Michigan..... | 2 | 2 | 5.0 | 5.0 | 49.0 | 39.2 | 80 | | | | | 1 | 1 | | | | | | .336 | 16.47 | 13.14 |
| Minnesota..... | 3 | 7 | 5.9 | 5.6 | 48.0 | 43.9 | 91 | | | | | 7 | | | | | | | .351 | 16.85 | 15.39 |
| Missouri..... | 7 | 27 | 6.0 | 5.5 | 48.5 | 43.8 | 90 | | | | | 22 | 4 | | 1 | | | | .327 | 15.87 | 14.34 |
| New Hampshire..... | 8 | 20 | 5.7 | 5.7 | 48.9 | 47.0 | 96 | | | | | 12 | 7 | 1 | | | | | .368 | 18.00 | 17.31 |
| New Jersey..... | 3 | 8 | 5.7 | 5.7 | 46.4 | 41.6 | 90 | | 2 | | | | 1 | | | | | | .287 | 13.33 | 11.94 |
| New York..... | 11 | 32 | 5.9 | 5.7 | 47.4 | 45.1 | 95 | | | 7 | | 21 | 4 | | | | | | .399 | 18.90 | 18.00 |

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922.

| Occupation, sex, and State. | Number of establishments. | Number of employees. | Average earnings per hour. | Number of employees whose earnings per hour were— | | | | | | | | | | | | | | |
|--|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| CUTTING DEPARTMENT. | | | | | | | | | | | | | | | | | | |
| <i>Cutters, vamp and whole shoe, hand.</i> | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 133 | \$0.838 | | | | | | | 6 | 17 | 27 | 46 | 20 | 13 | 4 | | |
| Maine..... | 4 | 75 | .537 | | | | | 9 | 15 | 26 | 11 | 5 | 3 | 3 | 1 | 1 | 1 | |
| Massachusetts..... | 22 | 541 | .915 | | | | | 2 | 7 | 17 | 18 | 43 | 190 | 44 | 152 | 36 | 32 | |
| Michigan..... | 3 | 22 | .618 | | | | | | | 5 | 3 | 4 | 1 | 1 | 1 | | | |
| Minnesota..... | 3 | 55 | .697 | | | 1 | | 1 | 3 | 4 | 4 | 34 | 1 | 5 | | | 1 | |
| Missouri..... | 4 | 279 | .930 | | | | | | | 6 | 22 | 35 | 56 | 54 | 90 | 16 | | |
| New Hampshire..... | 7 | 79 | .639 | | | | | 1 | 4 | 11 | 37 | 14 | 7 | 2 | 2 | 2 | | |
| New Jersey..... | 5 | 51 | .654 | | | | | | | 8 | 9 | 8 | 9 | 3 | 3 | | | |
| New York..... | 11 | 227 | .757 | | | | 1 | 4 | 16 | 39 | 38 | 35 | 25 | 31 | 30 | 8 | | |
| Ohio..... | 5 | 163 | .759 | | | | | 1 | 3 | 22 | 24 | 41 | 32 | 16 | 19 | 5 | | |
| Pennsylvania..... | 10 | 177 | .580 | | | 1 | 1 | 17 | 46 | 42 | 26 | 19 | 12 | 7 | 1 | | | |
| Virginia..... | 2 | 68 | .641 | | | | | 4 | 7 | 18 | 17 | 10 | 9 | 2 | 5 | | | |
| Wisconsin..... | 5 | 45 | .574 | | | | | 2 | 8 | 12 | 17 | 6 | | | | | | |
| Total..... | 84 | 1,915 | .787 | | | | 2 | 2 | 48 | 124 | 217 | 242 | 282 | 384 | 188 | 319 | 73 | 34 |
| <i>Skivers, upper.</i> | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | |
| Maine..... | 3 | 3 | .531 | | | | | 1 | | 2 | | | | | | | | |
| Massachusetts..... | 14 | 44 | .642 | | | 1 | | 1 | 2 | 25 | 1 | 4 | 4 | 5 | | 1 | | |
| New Hampshire..... | 3 | 4 | .402 | | | | | 1 | 3 | | | | | | | | | |
| New York..... | 3 | 8 | .830 | | | | | | | | | 4 | 1 | 3 | | | | |
| Virginia..... | 2 | 7 | .546 | | | 1 | | 1 | 1 | 1 | | 3 | | | | | | |
| Other States..... | 6 | 11 | .364 | | | 1 | | 7 | 1 | 2 | | | | | | | | |
| Total..... | 31 | 77 | .595 | | | 3 | | 11 | 7 | 30 | 5 | 8 | 5 | 8 | | 1 | | |

| | | | | | | | | | | | | | | | | | | |
|--------------------|----|-----|------|--|---|---|----|----|-----|-----|-----|----|----|----|---|---|--|--|
| Female: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 49 | .406 | | | 1 | 1 | 24 | 13 | 9 | 1 | | | | | | | |
| Maine..... | 5 | 20 | .432 | | | | 2 | 5 | 8 | 5 | | | | | | | | |
| Massachusetts..... | 25 | 142 | .506 | | 1 | 1 | 10 | 28 | 30 | 39 | 5 | 10 | 13 | 4 | 1 | | | |
| Michigan..... | 3 | 9 | .351 | | | | 3 | 4 | 1 | 1 | | | | | | | | |
| Minnesota..... | 3 | 9 | .409 | | | | 1 | 2 | 3 | 2 | 1 | | | | | | | |
| Missouri..... | 6 | 57 | .391 | | | 2 | 9 | 20 | 16 | 8 | | | | | | | | |
| New Hampshire..... | 7 | 39 | .383 | | | 4 | 5 | 11 | 12 | 4 | | | | | | | | |
| New Jersey..... | 5 | 11 | .360 | | | 1 | 3 | 2 | 4 | | | | | | | | | |
| New York..... | 11 | 80 | .490 | | | | 3 | 22 | 16 | 23 | 7 | 3 | 3 | 2 | | | | |
| Ohio..... | 8 | 48 | .348 | | 2 | | 5 | 22 | 7 | 4 | 1 | | | | | | | |
| Pennsylvania..... | 10 | 36 | .351 | | 1 | 7 | 12 | 5 | 4 | 1 | 4 | 2 | | | | | | |
| Wisconsin..... | 5 | 21 | .393 | | | | 2 | 12 | 3 | 2 | | | | | | | | |
| Other States..... | 1 | 18 | .369 | | 1 | 1 | 4 | 1 | 5 | 2 | 1 | | | | | | | |
| Total..... | 94 | 539 | .430 | | 1 | 5 | 28 | 57 | 160 | 123 | 100 | 27 | 15 | 16 | 6 | 1 | | |

FITTING OR STITCHING DEPARTMENT.

| | | | | | | | | | | | | | | | | | | |
|--|----|-----|---------|---|----|----|-----|-----|-----|-----|----|----|----|---|---|---|--|--|
| <i>Cementers and doublers, hand and machine.</i> | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | |
| New York..... | 2 | 12 | \$0.762 | | | | | | 1 | -2 | 2 | 2 | 3 | 1 | 1 | | | |
| Other States..... | 6 | 17 | .371 | | | 2 | 2 | 6 | 4 | 3 | | | | | | | | |
| Total..... | 8 | 29 | .528 | | | 2 | 2 | 6 | 5 | 5 | 2 | 2 | 3 | 1 | 1 | | | |
| Female: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 27 | .356 | | 3 | 1 | 3 | 7 | 7 | 1 | 1 | 1 | | | | | | |
| Maine..... | 4 | 26 | .280 | 2 | 1 | 2 | 5 | 4 | 8 | 2 | 2 | | | | | | | |
| Massachusetts..... | 23 | 251 | .369 | | 4 | 16 | 21 | 35 | 71 | 51 | 37 | 13 | 2 | 1 | | | | |
| Michigan..... | 3 | 5 | .312 | | | | 1 | 2 | 1 | | | | | | | | | |
| Minnesota..... | 3 | 28 | .450 | | | 1 | 5 | 7 | 4 | 2 | 3 | 4 | | | | | | |
| Missouri..... | 7 | 97 | .329 | | | 3 | 30 | 23 | 16 | 10 | 11 | 4 | | | | | | |
| New Hampshire..... | 7 | 67 | .289 | 2 | | 5 | 14 | 20 | 17 | 6 | 2 | | 1 | | | | | |
| New Jersey..... | 3 | 27 | .424 | | | | 1 | 1 | 8 | 11 | 4 | 1 | 1 | | | | | |
| New York..... | 12 | 139 | .391 | | 1 | 3 | 13 | 31 | 31 | 25 | 18 | 11 | 6 | | | | | |
| Ohio..... | 8 | 123 | .296 | | 1 | 5 | 28 | 46 | 26 | 14 | 2 | 1 | | | | | | |
| Pennsylvania..... | 9 | 98 | .261 | | 2 | 7 | 47 | 19 | 10 | 7 | 4 | | 1 | | | 1 | | |
| Virginia..... | 3 | 22 | .253 | | 2 | 6 | 4 | 3 | 7 | | | | | | | | | |
| Wisconsin..... | 2 | 5 | .310 | | | | 1 | 1 | 3 | | | | | | | | | |
| Total..... | 89 | 913 | .337 | 4 | 14 | 49 | 168 | 193 | 212 | 138 | 83 | 34 | 16 | | 2 | | | |

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | Number of establishments. | Number of employees. | Average earnings per hour. | Number of employees whose earnings per hour were— | | | | | | | | | | | | | |
|---|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| FITTING OR STITCHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | |
| <i>Linting makers.</i> | | | | | | | | | | | | | | | | | |
| Female: | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 74 | \$0.356 | | 2 | 2 | 8 | 8 | 26 | 21 | 6 | 1 | | | | | |
| Maine..... | 5 | 70 | .338 | | | | 13 | 15 | 22 | 15 | 2 | 2 | | | 1 | | |
| Massachusetts..... | 25 | 291 | .395 | | | 6 | 13 | 44 | 118 | 56 | 23 | 17 | 7 | | 3 | 3 | 1 |
| Michigan..... | 2 | 11 | .294 | | | | | 8 | 3 | | | | | | | | |
| Minnesota..... | 3 | 12 | .422 | | | | 3 | | 2 | 5 | 1 | 1 | | | | | |
| Missouri..... | 7 | 94 | .315 | | | 2 | 35 | 25 | 13 | 6 | 9 | 2 | | 2 | | | |
| New Hampshire..... | 8 | 99 | .297 | | 4 | 12 | 15 | 17 | 34 | 15 | 2 | | | | | | |
| New Jersey..... | 5 | 20 | .326 | | | 1 | 1 | 9 | 5 | | | 2 | | | | | |
| New York..... | 11 | 137 | .440 | | 1 | 2 | 10 | 6 | 37 | 48 | 15 | 7 | 7 | 7 | 3 | | 1 |
| Ohio..... | 8 | 116 | .359 | | | 5 | 14 | 16 | 45 | 25 | 7 | 4 | 4 | | | | |
| Pennsylvania..... | 10 | 77 | .305 | | | 3 | 23 | 21 | 15 | 7 | 6 | 2 | | | | | |
| Virginia..... | 3 | 25 | .364 | | | 1 | 6 | 7 | 3 | 4 | 4 | | | | | | |
| Wisconsin..... | 5 | 29 | .370 | | | | 1 | 4 | 14 | 5 | 5 | | | | | | |
| Total..... | 97 | 1,055 | .362 | | 7 | 34 | 142 | 180 | 337 | 209 | 80 | 38 | 16 | 7 | 3 | 2 | |
| <i>Top stitchers.</i> | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 8 | 32 | .718 | | | | 1 | 2 | | 10 | 3 | 3 | | 2 | 4 | 2 | 1 |
| New Hampshire..... | 2 | 2 | .369 | | | 1 | | | | | | | | | | | 3 |
| New York..... | 4 | 12 | .689 | | | | | | 1 | 1 | 3 | 2 | | | 3 | 1 | 1 |
| Pennsylvania..... | 3 | 12 | .651 | | | | | | | 4 | 2 | 3 | | 1 | | | 1 |
| Other States..... | 2 | 6 | .398 | | | | | | 2 | 4 | | | | | | | |
| Total..... | 19 | 64 | .657 | | | 1 | 1 | 2 | 3 | 19 | 9 | 8 | 3 | 7 | 4 | 2 | 4 |

Top stitchers.

| | | | | | | | | | | | | | | | | | | |
|--------------------|-----|-------|------|---|---|----|----|-----|-----|-----|-----|-----|----|----|----|----|---|---|
| Female: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 54 | .460 | | | | 3 | 7 | 8 | 13 | 11 | 7 | 4 | 1 | | | | |
| Maine..... | 5 | 80 | .351 | | 1 | 4 | 8 | 19 | 27 | 10 | 8 | 1 | 1 | | | | | |
| Massachusetts..... | 26 | 297 | .532 | 1 | 1 | 4 | 11 | 7 | 52 | 86 | 61 | 34 | 6 | 8 | 8 | 15 | 3 | |
| Michigan..... | 3 | 16 | .361 | | | | 1 | 2 | 7 | 4 | 2 | | | | | | | |
| Minnesota..... | 3 | 14 | .439 | | | | | 1 | 4 | 5 | 2 | 1 | | 1 | | | | |
| Missouri..... | 7 | 154 | .417 | | 1 | | 21 | 24 | 39 | 27 | 14 | 10 | 12 | 4 | 1 | | 1 | |
| New Hampshire..... | 8 | 108 | .365 | | | 4 | 8 | 12 | 50 | 25 | 8 | 1 | | | | | | |
| New Jersey..... | 5 | 20 | .361 | | | | | 7 | 9 | 1 | 2 | 1 | | | | | | |
| New York..... | 12 | 189 | .466 | | | 1 | 13 | 21 | 33 | 52 | 30 | 16 | 10 | 7 | 2 | 4 | | |
| Ohio..... | 8 | 128 | .376 | | | 1 | 11 | 14 | 55 | 30 | 13 | 4 | | | | | | |
| Pennsylvania..... | 10 | 66 | .337 | | | 2 | 23 | 12 | 8 | 7 | 9 | 5 | | | | | | |
| Virginia..... | 3 | 32 | .427 | | | | | 2 | 15 | 6 | 8 | 1 | | | | | | |
| Wisconsin..... | 5 | 37 | .377 | | | | | 8 | 13 | 13 | 3 | | | | | | | |
| Total..... | 100 | 1,195 | .433 | 1 | 3 | 16 | 99 | 136 | 320 | 279 | 171 | 81 | 33 | 22 | 11 | 19 | 1 | 3 |
| Male: | | | | | | | | | | | | | | | | | | |
| <i>Vampers.</i> | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 9 | .574 | | | | | | | 2 | 5 | 1 | | 1 | | | | |
| Maine..... | 3 | 7 | .613 | | | | | | 1 | 1 | | 4 | 1 | | | | | |
| Massachusetts..... | 22 | 200 | .674 | | | | 2 | 2 | 18 | 18 | 33 | 51 | 24 | 19 | 14 | 11 | 2 | 6 |
| Missouri..... | 4 | 13 | .568 | | | | | | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | | |
| New Hampshire..... | 5 | 27 | .454 | | | | 1 | 6 | 11 | 7 | 1 | 1 | | | | | | |
| New Jersey..... | 2 | 9 | .635 | | | | | | 3 | | 3 | 2 | | | 1 | | | |
| New York..... | 7 | 66 | .625 | | | 1 | 1 | 4 | 13 | 13 | 11 | 10 | 6 | 4 | 3 | | | |
| Pennsylvania..... | 3 | 9 | .758 | | | | | | 1 | 1 | 2 | | 4 | 1 | | | | |
| Other States..... | 4 | 17 | .453 | | | | | 2 | 6 | 3 | 4 | 1 | 1 | | | | | |
| Total..... | 52 | 357 | .628 | | | | 3 | 6 | 39 | 53 | 65 | 76 | 40 | 31 | 21 | 15 | 2 | 6 |
| Female: | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 98 | .462 | | | | | 6 | 28 | 27 | 23 | 9 | 4 | 1 | | | | |
| Maine..... | 5 | 63 | .542 | | | | | 2 | 7 | 16 | 16 | 15 | 5 | 2 | | | | |
| Massachusetts..... | 24 | 224 | .560 | | 2 | | 3 | 12 | 27 | 35 | 54 | 45 | 22 | 12 | 6 | 5 | 1 | |
| Michigan..... | 3 | 26 | .335 | | | 1 | 1 | 6 | 14 | 2 | 2 | | | | | | | |
| Minnesota..... | 3 | 25 | .498 | | | | | 1 | 6 | 6 | 7 | 2 | | 1 | | 1 | 1 | |
| Missouri..... | 7 | 126 | .465 | | | 4 | 17 | 29 | 17 | 28 | 18 | 9 | 1 | 1 | 2 | 1 | | |
| New Hampshire..... | 8 | 96 | .413 | | | 1 | 3 | 10 | 33 | 27 | 18 | 3 | | 1 | | | | |
| New Jersey..... | 5 | 25 | .473 | | | | | 1 | 3 | 14 | | 5 | 1 | 1 | | | | |
| New York..... | 12 | 143 | .545 | | | 2 | 4 | 30 | 21 | 31 | 25 | 17 | 6 | 3 | 4 | | | |
| Ohio..... | 8 | 151 | .440 | | | 9 | 11 | 42 | 38 | 34 | 10 | 3 | 2 | | 1 | | 1 | |
| Pennsylvania..... | 10 | 94 | .390 | | | 1 | 19 | 16 | 19 | 15 | 9 | 9 | 3 | 2 | | 1 | | |
| Virginia..... | 3 | 34 | .449 | | | 1 | 6 | 9 | 6 | 5 | 4 | 3 | | | | | | |
| Wisconsin..... | 5 | 37 | .477 | | | | 2 | 9 | 12 | 6 | 3 | 5 | | | | | | |
| Total..... | 98 | 1,142 | .480 | | 2 | 3 | 42 | 94 | 256 | 236 | 233 | 148 | 72 | 29 | 11 | 13 | 1 | 2 |

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | Number of establishments. | Number of employees. | Average earnings per hour. | Number of employees whose earnings per hour were— | | | | | | | | | | | | | |
|--|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| LASTING DEPARTMENT. | | | | | | | | | | | | | | | | | |
| <i>Assemblers, for pulling-over machine.</i> | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 28 | \$0.575 | | | | | | | 8 | 7 | 13 | | | | | |
| Maine..... | 4 | 31 | .665 | | | | | 1 | 1 | 4 | 8 | 6 | 7 | 3 | 2 | | |
| Massachusetts..... | 16 | 198 | .589 | 1 | 5 | 7 | 10 | 17 | 16 | 21 | 70 | 24 | 14 | 5 | 7 | 1 | |
| Minnesota..... | 2 | 5 | .864 | | | | | | | | 1 | 1 | 1 | 1 | 1 | | |
| Missouri..... | 6 | 79 | .608 | | | | 1 | 11 | 14 | 7 | 17 | 15 | 5 | 6 | 2 | 1 | |
| New Hampshire..... | 6 | 30 | .414 | | | 3 | 1 | 8 | 9 | 7 | 2 | | | | | | |
| New Jersey..... | 2 | 7 | .492 | | | | | 2 | 3 | | 2 | | | | | | |
| New York..... | 9 | 61 | .566 | | | | 1 | 7 | 12 | 15 | 17 | 4 | 5 | | | | |
| Ohio..... | 8 | 78 | .596 | | | | | 3 | 20 | 19 | 19 | 4 | 4 | 2 | 4 | 3 | |
| Pennsylvania..... | 7 | 41 | .454 | | | | | 26 | 4 | 5 | 3 | 2 | | 1 | | | |
| Virginia..... | 3 | 17 | .423 | | | 1 | 1 | 4 | 8 | 3 | | | | | | | |
| Wisconsin..... | 3 | 12 | .564 | | | | 1 | 2 | 2 | 2 | 3 | | 1 | | | 1 | |
| Other States..... | 1 | 6 | .491 | | | | | | 4 | 2 | | | | | | | |
| Total..... | 70 | 593 | .567 | | 1 | 5 | 11 | 15 | 81 | 104 | 96 | 153 | 57 | 33 | 17 | 14 | 6 |
| Female: | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 7 | .376 | | | | | | 4 | 3 | | | | | | | |
| Maine..... | 2 | 5 | .459 | | | | | | 3 | | 1 | 1 | | | | | |
| Massachusetts..... | 7 | 34 | .455 | | 1 | 2 | | 13 | 8 | 5 | 2 | 1 | 2 | | | | |
| New Hampshire..... | 3 | 11 | .408 | | | | | 6 | 2 | 3 | | | | | | | |
| Other States..... | 1 | 1 | .446 | | | | | | 1 | | | | | | | | |
| Total..... | 15 | 58 | .434 | | 1 | 2 | | 26 | 14 | 9 | 3 | 1 | 2 | | | | |

| <i>Bed-machine operators.</i> | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------|--------------|-------------|---|----------|----------|----------|-----------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| Male: | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 83 | .650 | | | | 1 | 3 | 8 | 10 | 31 | 15 | 12 | 3 | | | |
| Maine..... | 5 | 74 | .766 | | | | | 1 | 2 | 6 | 18 | 18 | 14 | 12 | 3 | | |
| Massachusetts..... | 23 | 390 | .669 | 1 | 2 | 16 | 30 | 71 | 127 | 81 | 27 | 18 | 12 | 4 | 1 | | |
| Michigan..... | 3 | 18 | .606 | | | | 1 | 6 | 1 | 5 | 4 | | | | | | |
| Minnesota..... | 3 | 19 | .750 | | | | 1 | 1 | | 3 | 8 | 2 | 4 | | | | |
| Missouri..... | 6 | 113 | .676 | | | | | 15 | 29 | 26 | 9 | 11 | 20 | 3 | | | |
| New Hampshire..... | 6 | 97 | .531 | | | | 3 | 39 | 34 | 14 | 5 | 2 | | | | | |
| New Jersey..... | 5 | 14 | .609 | | | | 2 | 3 | 1 | 5 | 1 | | | 1 | | | |
| New York..... | 11 | 178 | .706 | | 1 | 6 | 18 | 29 | 36 | 27 | 24 | 14 | 22 | 1 | | | |
| Ohio..... | 5 | 74 | .824 | | | | 2 | 6 | 18 | 11 | 8 | 5 | 13 | 8 | | 3 | |
| Pennsylvania..... | 7 | 48 | .517 | | | | 11 | 18 | 5 | 5 | 2 | 4 | 3 | | | | |
| Virginia..... | 3 | 30 | .635 | | | | 1 | 4 | 6 | 10 | 5 | 4 | | | | | |
| Wisconsin..... | 4 | 29 | .616 | | | | 3 | 4 | 7 | 8 | 5 | 1 | | | 1 | | |
| Total..... | 86 | 1,167 | .668 | | 1 | 3 | 1 | 48 | 150 | 205 | 306 | 191 | 110 | 79 | 55 | 14 | 4 |
| <i>Turn lasters, hand.</i> | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 4 | 128 | .813 | | 1 | 1 | 4 | 11 | 8 | 13 | 12 | 19 | 20 | 16 | 13 | 10 | |
| Missouri..... | 3 | 123 | .827 | | | | | | 5 | 19 | 20 | 46 | 19 | 12 | 2 | | |
| New Jersey..... | 3 | 36 | .609 | | | | 2 | 11 | 14 | 2 | 1 | 3 | 2 | | 1 | | |
| New York..... | 9 | 69 | .631 | | 1 | 1 | 1 | 13 | 15 | 15 | 9 | 9 | 3 | 2 | | | |
| Ohio..... | 3 | 39 | .802 | | | | | 3 | 6 | 12 | 9 | 5 | 1 | 1 | | | |
| Pennsylvania..... | 5 | 121 | .731 | | | 3 | 16 | 24 | 19 | 5 | 7 | 7 | 8 | 19 | 11 | 2 | |
| Wisconsin..... | 2 | 46 | .586 | | | | | 7 | 20 | 13 | 5 | -1 | | | | | |
| Other States..... | 1 | 9 | .426 | | | 1 | 2 | 4 | 2 | | | | | | | | |
| Total..... | 30 | 571 | .732 | | | 2 | 6 | 25 | 63 | 73 | 80 | 73 | 96 | 59 | 52 | 27 | 15 |

BOTTOMING DEPARTMENT.

| <i>Goodyear stitchers.</i> | | | | | | | | | | | | | | | | | |
|----------------------------|-----------|------------|-------------|--|--|--|---|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|
| Male: | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 27 | \$0.966 | | | | | | 1 | 2 | 1 | 5 | 7 | 7 | 3 | 1 | |
| Maine..... | 5 | 22 | .601 | | | | | 2 | 5 | 9 | 1 | 3 | | | | | |
| Massachusetts..... | 20 | 178 | .828 | | | | 3 | 6 | 18 | 26 | 42 | 37 | 22 | 9 | 8 | 7 | |
| Michigan..... | 3 | 9 | .748 | | | | | | 1 | 3 | 1 | 2 | | 2 | | | |
| Minnesota..... | 2 | 9 | .873 | | | | | | 2 | | 3 | | 1 | 3 | | | |
| Missouri..... | 7 | 60 | .733 | | | | 1 | 4 | 8 | 9 | 16 | 11 | 6 | 5 | | | |
| New Hampshire..... | 5 | 56 | .669 | | | | | 4 | 15 | 21 | 6 | 7 | 2 | 1 | | | |
| New Jersey..... | 4 | 6 | .724 | | | | | 2 | 2 | | 1 | 2 | | 1 | | | |
| New York..... | 9 | 71 | .698 | | | | 2 | 5 | 20 | 16 | 10 | 6 | 4 | 5 | 1 | 2 | |
| Ohio..... | 4 | 33 | .820 | | | | 1 | 1 | 1 | 4 | 6 | 7 | 6 | 7 | | | |
| Pennsylvania..... | 8 | 39 | .628 | | | | 2 | 4 | 13 | 12 | 2 | 3 | 1 | 2 | | | |
| Virginia..... | 3 | 17 | .695 | | | | | 1 | | 6 | 9 | 1 | | | | | |
| Wisconsin..... | 4 | 16 | .802 | | | | | | 1 | 3 | 3 | 5 | 3 | 1 | | | |
| Total..... | 77 | 543 | .755 | | | | | 11 | 29 | 85 | 111 | 101 | 89 | 52 | 43 | 12 | 10 |

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | Number of establishments. | Number of employees. | Average earnings per hour. | Number of employees whose earnings per hour were— | | | | | | | | | | | | | | | |
|---------------------------------------|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------|--|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. | |
| BOTTOMING DEPARTMENT—Concluded | | | | | | | | | | | | | | | | | | | |
| <i>Edge trimmers.</i> | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 40 | \$0.757 | | | | | 2 | 3 | 9 | 1 | 4 | 7 | 7 | 5 | 2 | | | |
| Maine..... | 5 | 49 | .691 | | | | 1 | 2 | 4 | 13 | 6 | 9 | 3 | 7 | 4 | | | | |
| Massachusetts..... | 26 | 242 | .831 | | | | 1 | 6 | 13 | 15 | 32 | 37 | 50 | 34 | 31 | 7 | 16 | | |
| Michigan..... | 3 | 9 | .740 | | | | | | | | 3 | 4 | 2 | | | | | | |
| Minnesota..... | 3 | 11 | .738 | | | | | | | | 1 | 4 | 3 | 2 | | | | | |
| Missouri..... | 7 | 79 | .804 | | | | | 1 | 5 | 9 | 7 | 14 | 14 | 19 | 6 | 4 | | | |
| New Hampshire..... | 8 | 59 | .701 | | | 1 | | 3 | 2 | 10 | 10 | 14 | 8 | 9 | 1 | 1 | | | |
| New Jersey..... | 5 | 11 | .636 | | | | | 1 | 3 | 2 | 1 | 2 | | | 2 | | | | |
| New York..... | 12 | 105 | .773 | | | | | 1 | 2 | 16 | 18 | 33 | 11 | 6 | 16 | 3 | | | |
| Ohio..... | 8 | 92 | .750 | | | | | 2 | 1 | 13 | 24 | 16 | 12 | 7 | 13 | 1 | 3 | | |
| Pennsylvania..... | 10 | 53 | .621 | | | | | 2 | 5 | 26 | 4 | 6 | 5 | 2 | 2 | | | 1 | |
| Virginia..... | 3 | 18 | .675 | | | | | | 2 | 2 | 7 | 6 | 1 | | | | | | |
| Wisconsin..... | 5 | 21 | .777 | | | | | | | 1 | 6 | 4 | 7 | 2 | | 1 | | | |
| Total..... | 100 | 789 | .764 | | | 1 | 2 | 19 | 40 | 117 | 120 | 153 | 123 | 95 | 80 | 19 | 20 | | |
| FINISHING DEPARTMENT. | | | | | | | | | | | | | | | | | | | |
| <i>Edge setters.</i> | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 47 | \$0.711 | | | | 1 | 1 | 8 | 4 | 7 | 4 | 5 | 15 | 2 | | | | |
| Maine..... | 5 | 41 | .754 | | | | | 2 | 2 | 5 | 7 | 11 | 8 | 4 | 2 | | | | |
| Massachusetts..... | 26 | 217 | .837 | | | | 1 | 4 | 8 | 17 | 25 | 32 | 40 | 31 | 45 | 5 | 9 | | |
| Michigan..... | 3 | 11 | .673 | | | | | | | 1 | 2 | 3 | 1 | 4 | | | | | |
| Minnesota..... | 3 | 15 | .727 | | | | | | | 3 | 5 | 3 | 2 | 2 | | | | | |
| Missouri..... | 7 | 75 | .827 | | | | | 1 | 9 | 5 | 4 | 11 | 11 | 7 | 27 | | | | |
| New Hampshire..... | 8 | 55 | .662 | | | | | | 13 | 6 | 15 | 8 | 10 | 3 | | | | | |
| New Jersey..... | 4 | 18 | .568 | | | | | 5 | 4 | 3 | 1 | 1 | 4 | | 1 | | | | |
| New York..... | 12 | 102 | .744 | | | | | | 4 | 20 | 36 | 3 | 6 | 10 | 21 | 2 | | | |

| | | | | | | | | | | | | | | | | | |
|----------------------------------|------------|------------|-------------|---|----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|----------|
| Ohio..... | 8 | 96 | .761 | | | | | | 1 | 11 | 29 | 18 | 16 | 7 | 11 | 1 | 2 |
| Pennsylvania..... | 10 | 62 | .648 | | | | | 2 | 4 | 18 | 21 | 8 | 6 | 2 | 1 | | |
| Virginia..... | 3 | 20 | .675 | | | | | | 2 | 1 | 9 | 7 | 1 | | | | |
| Wisconsin..... | 5 | 20 | .731 | | | | | | | 1 | 6 | 9 | 4 | | | | |
| Total..... | 100 | 779 | .757 | | | | | 2 | 15 | 56 | 96 | 168 | 115 | 117 | 81 | 110 | 8 |
| <i>Treeers.</i> | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 29 | .493 | | | | | 11 | 9 | 1 | 4 | 2 | 2 | | | | |
| Maine..... | 5 | 50 | .560 | | | 1 | | 8 | 10 | 20 | 2 | 3 | 1 | 2 | | 3 | |
| Massachusetts..... | 26 | 377 | .649 | 1 | 2 | 7 | | 20 | 47 | 81 | 64 | 62 | 39 | 38 | | 9 | 7 |
| Michigan..... | 2 | 15 | .497 | | | | | | 10 | 4 | 1 | | | | | | |
| Minnesota..... | 3 | 22 | .574 | | | | | 1 | 4 | 10 | 4 | 3 | | | | | |
| Missouri..... | 6 | 97 | .566 | | 2 | 1 | | 3 | 16 | 34 | 37 | 3 | 3 | 1 | | | |
| New Hampshire..... | 8 | 106 | .461 | | | 5 | | 27 | 42 | 21 | 6 | 3 | 2 | | | | |
| New Jersey..... | 5 | 26 | .422 | | | 1 | | 16 | 3 | | 3 | 2 | | | | | |
| New York..... | 10 | 116 | .591 | | | 2 | | 11 | 18 | 26 | 33 | 17 | 7 | 2 | | | |
| Ohio..... | 3 | 24 | .521 | | | 3 | | 2 | 4 | 10 | 3 | 1 | 1 | | | | |
| Pennsylvania..... | 9 | 49 | .492 | 1 | | 1 | | 9 | 13 | 16 | 6 | 2 | 2 | | | | |
| Virginia..... | 3 | 34 | .586 | | 4 | 1 | | 3 | 5 | 6 | 2 | 6 | 7 | | | | |
| Wisconsin..... | 5 | 25 | .617 | | | | | 5 | 7 | | 8 | 4 | | | | 1 | |
| Total..... | 90 | 970 | .577 | | 2 | 8 | 22 | 111 | 186 | 236 | 173 | 108 | 62 | 42 | 13 | 7 | |
| Female: | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 32 | .380 | | | 1 | 3 | 8 | 7 | 3 | | | | | | | |
| Massachusetts..... | 6 | 29 | .365 | | | 1 | 5 | 13 | 9 | 1 | | | | | | | |
| Missouri..... | 5 | 33 | .411 | | 3 | 4 | 10 | 8 | 4 | 3 | 1 | | | | | | |
| New York..... | 5 | 30 | .426 | | | 4 | 8 | 13 | 3 | 1 | 1 | | | | | | |
| Ohio..... | 6 | 63 | .417 | | | 1 | 1 | 21 | 35 | 3 | 2 | | | | | | |
| Pennsylvania..... | 4 | 14 | .311 | 1 | 2 | 6 | 3 | 2 | | | | | | | | | |
| Wisconsin..... | 2 | 9 | .481 | | | | | 6 | 3 | | | | | | | | |
| Other States..... | 4 | 18 | .337 | | 2 | 5 | 5 | 4 | 2 | | | | | | | | |
| Total..... | 35 | 228 | .396 | | 1 | 10 | 28 | 78 | 84 | 19 | 6 | 2 | | | | | |
| <i>Repairers (not cobblers).</i> | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 7 | .577 | | | | 1 | | 1 | 3 | 1 | 1 | | | | | |
| Maine..... | 3 | 5 | .333 | | | | 1 | 3 | 1 | | | | | | | | |
| Massachusetts..... | 9 | 30 | .438 | 1 | 1 | | | 8 | 11 | 8 | 1 | | | | | | |
| Minnesota..... | 2 | 5 | .558 | | | | | 1 | | 3 | 1 | | | | | | |
| Missouri..... | 3 | 7 | .530 | | | | | 1 | | 4 | | 1 | | | | | |
| New Hampshire..... | 5 | 12 | .449 | | | | | 2 | 8 | 2 | | | | | | | |
| New Jersey..... | 4 | 9 | .435 | | | 1 | | 3 | 2 | 3 | | | | | | | |
| New York..... | 7 | 16 | .508 | | 1 | | | 2 | 3 | 6 | 3 | | | 1 | | | |
| Ohio..... | 2 | 6 | .574 | | | | | | 1 | 3 | 1 | | 1 | | | | |
| Pennsylvania..... | 6 | 16 | .393 | | 1 | 2 | | 5 | 3 | 5 | | | | | | | |
| Virginia..... | 2 | 8 | .393 | | 1 | 2 | | 2 | | 3 | | | | | | | |
| Wisconsin..... | 2 | 4 | .559 | | | | | 1 | | | 3 | | | | | | |
| Other States..... | 1 | 1 | .310 | | | | | 1 | | | | | | | | | |
| Total..... | 49 | 126 | .462 | | 1 | 4 | 7 | 29 | 31 | 40 | 10 | 2 | 1 | 1 | | | |

TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR EMPLOYEES IN 14 SELECTED OCCUPATIONS, BY DEPARTMENTS, SEX, AND STATES, 1922—Concluded.

| Occupation, sex, and State. | Number of establishments. | Number of employees. | Average earnings per hour. | Number of employees whose earnings per hour were— | | | | | | | | | | | | | |
|--|---------------------------|----------------------|----------------------------|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| | | | | Under 12 cents. | 12 and under 16 cents. | 16 and under 20 cents. | 20 and under 25 cents. | 25 and under 30 cents. | 30 and under 40 cents. | 40 and under 50 cents. | 50 and under 60 cents. | 60 and under 70 cents. | 70 and under 80 cents. | 80 and under 90 cents. | 90 and under 100 cents. | 100 and under 120 cents. | 120 and under 140 cents. | 140 cents and over. |
| FINISHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | |
| <i>Repairers (not cobblers)—Concl'd.</i> | | | | | | | | | | | | | | | | | |
| Female: | | | | | | | | | | | | | | | | | |
| Illinois..... | 4 | 37 | \$0.347 | | | | 3 | 10 | | 9 | 1 | | | | | | |
| Maine..... | 3 | 25 | .310 | | | | 2 | 8 | 15 | | | | | | | | |
| Massachusetts..... | 24 | 276 | .434 | | 1 | 2 | 11 | 57 | 168 | 32 | 1 | | | | 1 | 2 | 1 |
| Missouri..... | 7 | 82 | .317 | | 1 | 13 | 19 | 32 | 16 | | 1 | | | | | | |
| New Hampshire..... | 6 | 51 | .389 | | 1 | 2 | 1 | 28 | 12 | 6 | | 1 | | | | | |
| New Jersey..... | 3 | 10 | .269 | | | | 5 | 4 | | 1 | | | | | | | |
| New York..... | 10 | 67 | .401 | | | | 7 | 11 | 10 | 25 | 11 | 2 | 1 | | | | |
| Ohio..... | 7 | 47 | .312 | | 4 | 6 | 11 | 20 | 3 | 2 | 1 | | | | | | |
| Pennsylvania..... | 7 | 38 | .301 | | | | 4 | 18 | 13 | 3 | | | | | | | |
| Virginia..... | 3 | 7 | .365 | | | | | | 6 | 1 | | | | | | | |
| Wisconsin..... | 3 | 8 | .320 | | | | | 3 | 5 | | | | | | | | |
| Other States..... | 2 | 20 | .288 | | | | | 11 | 9 | | | | | | | | |
| Total..... | 79 | 668 | .377 | | | 7 | 44 | 107 | 209 | 238 | 52 | 5 | 2 | | 1 | 2 | 1 |

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees who during one weekly pay-roll period worked— | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|----------------------|-----------------------------------|---------------------------------------|-------------------------|---|----------------------|----------|---------------------------|----------------------|----------|---------------------------|----------------------|----------|---------------------------|----------------------|-----------|---------------------------|----------------------|------------|---------------------------|----------------------|-----------|---------------------------|-------------------|---|
| | Number of establishments. | Number of employees. | Average full-time hours per week. | Number of employees. | Average hours per week. | Under 12 hrs. | 12 and under 16 hrs. | 16 hrs. | Over 16 and under 20 hrs. | 20 and under 24 hrs. | 24 hrs. | Over 24 and under 28 hrs. | 28 and under 32 hrs. | 32 hrs. | Over 32 and under 36 hrs. | 36 and under 40 hrs. | 40 hrs. | Over 40 and under 44 hrs. | 44 and under 48 hrs. | 48 hrs. | Over 48 and under 51 hrs. | 51 and under 54 hrs. | 54 hrs. | Over 54 and under 57 hrs. | 57 hrs. and over. | |
| CUTTING DEPARTMENT. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Cutters, vamp and whole shoe, hand.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 133 | 48.0 | 127 | 45.8 | | | | | | | | | 1 | 24 | | 10 | 3 | 89 | | | | | | | |
| Maine..... | 4 | 75 | 52.8 | 57 | 48.5 | | | | | | | | | 3 | 3 | 2 | 2 | 15 | 8 | 11 | | | 9 | 5 | | 2 |
| Massachusetts..... | 22 | 541 | 46.7 | 474 | 36.1 | 3 | 14 | 3 | 10 | 30 | 5 | 25 | 46 | 2 | 72 | 65 | 3 | 79 | 14 | 2 | 6 | | | | | |
| Michigan..... | 3 | 22 | 49.7 | 22 | 46.8 | | | | | | | | | | | | | 7 | 2 | | | | | | | |
| Minnesota..... | 3 | 55 | 48.0 | 32 | 32.8 | 1 | 1 | | 6 | | | | 3 | 2 | | 5 | 2 | | 11 | 7 | | | | | | |
| Missouri..... | 4 | 279 | 48.0 | 186 | 47.4 | | | | | 1 | | | | | 6 | 2 | | 11 | 42 | 131 | | | | | | |
| New Hampshire..... | 7 | 79 | 48.6 | 57 | 39.5 | | 1 | | | | | | 6 | 3 | | 5 | 1 | 19 | 2 | 1 | 6 | | | | | |
| New Jersey..... | 4 | 29 | 46.0 | 27 | 38.9 | | | | 1 | 3 | | | 3 | 1 | 1 | 17 | 5 | 1 | 17 | 58 | 44 | 23 | | | | |
| New York..... | 11 | 227 | 47.5 | 171 | 44.4 | | | | | 1 | | | 3 | 1 | 1 | 17 | 5 | 1 | 17 | 7 | 11 | 2 | 10 | | | 1 |
| Ohio..... | 4 | 149 | 50.0 | 90 | 38.9 | | | | 3 | 6 | | | 3 | 2 | 3 | 31 | 12 | 7 | 11 | 2 | 10 | | | | | |
| Pennsylvania..... | 10 | 177 | 51.4 | 145 | 46.9 | 2 | 1 | | | 1 | | | 1 | 1 | 3 | 23 | 2 | 11 | 19 | 6 | 6 | 6 | 61 | 2 | | |
| Wisconsin..... | 5 | 45 | 49.1 | 40 | 42.5 | | | | | | | | | | 6 | 17 | | | | | 17 | | | | | |
| Other States..... | 1 | 4 | 48.0 | 4 | 44.3 | | | | | | | | | | | | | | | 4 | | | | | | |
| Total..... | 81 | 1,815 | 48.3 | 1,432 | 41.6 | 6 | 17 | 3 | 20 | 42 | 5 | 41 | 55 | 3 | 118 | 182 | 21 | 159 | 285 | 296 | 84 | 24 | 66 | 2 | 3 | |
| <i>Skivers, upper.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maine..... | 3 | 3 | 50.7 | 3 | 37.5 | | | | 1 | | | | | | | | | | 1 | | | | | | | |
| Massachusetts..... | 14 | 44 | 47.2 | 35 | 36.0 | | | | | 4 | | | 2 | 1 | 16 | | | 5 | 7 | 1 | | | | | | |
| New Hampshire..... | 3 | 4 | 49.0 | 3 | 44.0 | | | | | | | | | | | 1 | | 1 | | | | 1 | | | | |
| New York..... | 3 | 8 | 46.5 | 7 | 44.6 | | | | | | | | | | | | | | 6 | | | | | | | |
| Other States..... | 7 | 12 | 48.5 | 10 | 40.8 | | | | | 2 | | | 1 | | | | | 1 | 1 | | | 4 | | 1 | | |
| Total..... | 30 | 71 | 47.6 | 58 | 38.3 | | | | 1 | 6 | | | 3 | 1 | 17 | 1 | | 7 | 15 | 1 | 4 | 1 | 1 | | | |

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees who during one weekly pay-roll period worked— | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-----------------------|-----------------------------------|---------------------------------------|-------------------------|---|----------------------|---------|---------------------------|----------------------|----------|---------------------------|----------------------|---------|---------------------------|----------------------|----------|---------------------------|----------------------|-----------|---------------------------|----------------------|-----------|---------------------------|-------------------|--|--|
| | Number of establishments. | Number of employ-ees. | Average full-time hours per week. | Number of employ-ees. | Average hours per week. | Under 12 hrs. | 12 and under 16 hrs. | 16 hrs. | Over 16 and under 20 hrs. | 20 and under 24 hrs. | 24 hrs. | Over 24 and under 28 hrs. | 28 and under 32 hrs. | 32 hrs. | Over 32 and under 36 hrs. | 36 and under 40 hrs. | 40 hrs. | Over 40 and under 44 hrs. | 44 and under 48 hrs. | 48 hrs. | Over 48 and under 51 hrs. | 51 and under 54 hrs. | 54 hrs. | Over 54 and under 57 hrs. | 57 hrs. and over. | | |
| CUTTING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Skiers, upper—Concl'd.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 49 | 49.1 | 48 | 47.6 | | | | | | | | | | | 1 | 10 | 3 | 18 | 2 | 8 | | | | 1 | | |
| Maine..... | 5 | 20 | 51.8 | 15 | 47.0 | | | | | | | | | | | | | 11 | 23 | 2 | 2 | | | | | | |
| Massachusetts..... | 25 | 142 | 47.2 | 130 | 38.1 | | | 4 | 10 | 2 | 5 | 7 | | | 18 | 21 | 2 | 20 | 18 | 5 | | | | | | | |
| Michigan..... | 3 | 9 | 49.6 | 8 | 48.4 | | | | | | | | | | | | | 1 | 2 | 5 | | | | | | | |
| Minnesota..... | 3 | 9 | 48.0 | 9 | 31.3 | | 1 | | 2 | | 1 | | | | 2 | 1 | | | 2 | | | | | | | | |
| Missouri..... | 6 | 57 | 50.2 | 49 | 47.8 | | | | | | 2 | 3 | | | | | | 6 | 14 | 8 | | | 15 | | | | |
| New Hampshire..... | 7 | 39 | 48.3 | 29 | 43.2 | | 2 | | 1 | | | | | | 2 | | | 4 | 6 | 10 | | 4 | | | | | |
| New Jersey..... | 4 | 8 | 46.4 | 7 | 40.5 | | | | | 1 | | | | | | | | | | | | | | | | | |
| New York..... | 11 | 80 | 47.7 | 70 | 47.4 | | | | | | | 1 | | | | 2 | 2 | 3 | 24 | 2 | 28 | | 8 | | | | |
| Ohio..... | 7 | 37 | 50.0 | 32 | 37.5 | | 2 | | 2 | | 6 | | | | 2 | 1 | 1 | 1 | 8 | 1 | 8 | | | | | | |
| Pennsylvania..... | 10 | 36 | 49.9 | 30 | 42.6 | | | | | | 1 | 5 | | | 2 | | | 2 | 3 | 3 | 13 | | | | | | |
| Wisconsin..... | 5 | 21 | 49.0 | 20 | 37.5 | | | | | | 1 | 1 | | | 7 | 6 | | 1 | 1 | | 3 | | | | | | |
| Total..... | 91 | 507 | 48.6 | 442 | 42.5 | | 5 | | 8 | 13 | 2 | 17 | 17 | | 34 | 32 | 5 | 41 | 89 | 70 | 70 | 23 | 15 | 1 | | | |
| FITTING OR STITCHING DEPARTMENT. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Cementers and doublers, hand and machine.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New York..... | 2 | 12 | 46.7 | 12 | 43.6 | | | | | 1 | | | | | | | 1 | | 9 | | 1 | | | | | | |
| Other States..... | 6 | 17 | 49.3 | 16 | 45.7 | | | | | | | | 1 | | 3 | 1 | | | 2 | 1 | 4 | 4 | | | | | |
| Total..... | 8 | 29 | 48.2 | 28 | 44.8 | | | | | 1 | | | 1 | | 3 | 1 | 1 | | 11 | 1 | 5 | 4 | | | | | |

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees who during one weekly pay-roll period worked— | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|----------------------|-----------------------------------|---------------------------------------|-------------------------|---|----------------------|---------|---------------------------|----------------------|----------|---------------------------|----------------------|----------|---------------------------|----------------------|----------|---------------------------|----------------------|------------|---------------------------|----------------------|-----------|---------------------------|-------------------|---|----------|--|
| | Number of establishments. | Number of employees. | Average full-time hours per week. | Number of employees. | Average hours per week. | Under 12 hrs. | 12 and under 16 hrs. | 16 hrs. | Over 16 and under 20 hrs. | 20 and under 24 hrs. | 24 hrs. | Over 24 and under 28 hrs. | 28 and under 32 hrs. | 32 hrs. | Over 32 and under 36 hrs. | 36 and under 40 hrs. | 40 hrs. | Over 40 and under 44 hrs. | 44 and under 48 hrs. | 48 hrs. | Over 48 and under 51 hrs. | 51 and under 54 hrs. | 54 hrs. | Over 54 and under 57 hrs. | 57 hrs. and over. | | | |
| FITTING OR STITCHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Top stitchers—Concl'd.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Female: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 54 | 50.0 | 37 | 50.9 | | | | | | | | | | | | | 1 | 2 | 3 | 12 | 18 | | | | | 1 | |
| Maine..... | 5 | 80 | 53.5 | 66 | 48.0 | | | | | | | | | | 2 | 4 | | 8 | 10 | | 17 | 22 | 3 | | | | | |
| Massachusetts..... | 26 | 297 | 47.2 | 242 | 40.6 | | | 1 | 8 | | 5 | 19 | | 53 | 10 | | | 25 | 67 | 54 | 8 | | | | | | | |
| Michigan..... | 3 | 16 | 49.4 | 15 | 48.4 | | | | | | | | | | | | | 1 | 4 | 2 | | | | | | | | |
| Minnesota..... | 3 | 14 | 48.0 | 10 | 32.9 | | | | | | 1 | 4 | | 4 | | | | | 1 | | | | | | | | | |
| Missouri..... | 7 | 154 | 49.4 | 105 | 46.9 | | | | | | | | | | 5 | | | 27 | 20 | 20 | 19 | 9 | 5 | | | | | |
| New Hampshire..... | 8 | 108 | 48.4 | 90 | 43.9 | | | | 1 | | 3 | 10 | | 6 | 3 | | | 4 | 5 | 45 | 2 | 10 | 1 | | | | | |
| New Jersey..... | 4 | 10 | 46.1 | 8 | 41.0 | | | | | | | | | 3 | 1 | | | 2 | 2 | 1 | | 1 | | | | | | |
| New York..... | 12 | 189 | 47.9 | 154 | 46.1 | | | | | 2 | 1 | 1 | | 5 | 10 | 2 | 10 | 47 | 17 | 39 | 17 | | | | 3 | | | |
| Ohio..... | 7 | 120 | 50.0 | 106 | 43.9 | 7 | 2 | | | | | | | 9 | | | | 10 | 13 | | 65 | | | | | | | |
| Pennsylvania..... | 10 | 66 | 50.1 | 55 | 45.8 | | | | 1 | | | | 2 | 3 | 4 | | | 6 | 7 | 4 | 24 | 1 | 3 | | | | | |
| Wisconsin..... | 5 | 37 | 48.9 | 23 | 45.9 | | | | | | | | | 1 | 6 | | | 1 | 1 | | 14 | | | | | | | |
| Other States..... | 1 | 1 | 48.0 | 1 | 44.3 | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Total..... | 96 | 1,146 | 48.8 | 912 | 44.4 | 7 | 2 | | 1 | 10 | 2 | 10 | 36 | | 83 | 45 | 3 | 95 | 179 | 145 | 200 | 78 | 12 | 3 | | | 1 | |
| <i>Vampers.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 2 | 9 | 48.0 | 7 | 47.3 | | | | | | | | | | | | | | 1 | 1 | 5 | | | | | | | |
| Maine..... | 3 | 7 | 53.4 | 6 | 51.9 | | | | | | | | | | | | | | 1 | | | 4 | | | | 1 | | |
| Massachusetts..... | 22 | 200 | 47.4 | 176 | 38.2 | | | 1 | 5 | 1 | 7 | 16 | 1 | 57 | 6 | 3 | | 29 | 22 | 24 | 4 | | | | | | | |
| Michigan..... | 4 | 13 | 50.8 | 11 | 46.4 | | | | | | | | | | | | | 1 | | | | | | 6 | | | | |
| Minnesota..... | 4 | 27 | 48.7 | 23 | 41.9 | | | | 2 | | 4 | 1 | | 2 | | | | 1 | 7 | | 1 | 7 | | | | | | |
| Missouri..... | 7 | 66 | 47.3 | 60 | 46.0 | | | | | | | | | 1 | 4 | | | 10 | 25 | 2 | 9 | 5 | | 2 | | 1 | | |
| New Hampshire..... | 5 | 27 | 48.7 | 23 | 41.9 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| New York..... | 7 | 66 | 47.3 | 60 | 46.0 | | | | | | | | | 1 | 4 | | | 10 | 25 | 2 | 9 | 5 | | 2 | | 1 | | |
| Ohio..... | 3 | 9 | 48.0 | 8 | 45.4 | | | | | | | | | | | | | 4 | | | 2 | | | | | | | |
| Pennsylvania..... | 3 | 9 | 48.0 | 8 | 45.4 | | | | | | | | | | | | | 4 | | | 2 | | | | | | | |
| Wisconsin..... | 4 | 16 | 47.1 | 12 | 37.9 | | 1 | | | | | | | | | | | 6 | 2 | | 2 | | | | | | | |
| Other States..... | 4 | 16 | 47.1 | 12 | 37.9 | | 1 | | | | | | | | | | | 6 | 2 | | 2 | | | | | | | |
| Total..... | 50 | 347 | 47.8 | 303 | 41.0 | | 1 | | 1 | 7 | 1 | 11 | 19 | 1 | 60 | 18 | 5 | 47 | 55 | 33 | 18 | 16 | 6 | 3 | | | 1 | |

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees who during one weekly pay-roll period worked— | | | | | | | | | | | | | | | | | | |
|-----------------------------|---------------------------|----------------------|-----------------------------------|---------------------------------------|-------------------------|---|----------------------|---------|---------------------------|----------------------|---------|---------------------------|----------------------|---------|---------------------------|----------------------|---------|---------------------------|----------------------|---------|---------------------------|----------------------|---------|---------------------------|
| | Number of establishments. | Number of employees. | Average full-time hours per week. | Number of employees. | Average hours per week. | Under 12 hrs. | 12 and under 16 hrs. | 16 hrs. | Over 16 and under 20 hrs. | 20 and under 24 hrs. | 24 hrs. | Over 24 and under 28 hrs. | 28 and under 32 hrs. | 32 hrs. | Over 32 and under 36 hrs. | 36 and under 40 hrs. | 40 hrs. | Over 40 and under 44 hrs. | 44 and under 48 hrs. | 48 hrs. | Over 48 and under 51 hrs. | 51 and under 54 hrs. | 54 hrs. | Over 54 and under 57 hrs. | 57 hrs. and over. |

LASTING DEPARTMENT—Concluded.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------|--------------|-------------|------------|-------------|--|----------|--|-----------|-----------|---|-----------|-----------|----------|------------|-----------|-----------|-----------|------------|-----------|------------|------------|-----------|-----------|--|----------|---|
| <i>Bed-machine operators.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 83 | 50.0 | 71 | 47.9 | | | | | | | | | | | 2 | 16 | 3 | 23 | 2 | 19 | | | 5 | | | 1 |
| Maine..... | 5 | 74 | 52.9 | 62 | 49.0 | | | | | | | | | | | 2 | 7 | 8 | | | 16 | 25 | 4 | | | | |
| Massachusetts..... | 23 | 390 | 47.6 | 356 | 37.0 | | 1 | | 17 | 15 | | 8 | 13 | 1 | 118 | 37 | 4 | 39 | 84 | 14 | 5 | | | | | | |
| Michigan..... | 3 | 18 | 49.7 | 15 | 48.4 | | | | | | | | | | | | | 1 | 4 | | 10 | | | | | | |
| Minnesota..... | 3 | 19 | 48.0 | 16 | 34.8 | | | | | | | 1 | 5 | | 2 | 5 | 3 | | | | | | | | | | |
| Missouri..... | 6 | 113 | 51.0 | 86 | 49.8 | | | | | | | | 3 | | 3 | 1 | | 3 | 8 | 2 | 23 | | 7 | 36 | | | |
| New Hampshire..... | 6 | 97 | 48.4 | 80 | 47.4 | | | | | 1 | | 1 | | | | 2 | 1 | 4 | 10 | 46 | | 15 | | | | | |
| New Jersey..... | 4 | 11 | 45.2 | 11 | 42.6 | | | | | | | | | | | | | | | 1 | 2 | | | | | | |
| New York..... | 11 | 178 | 47.5 | 124 | 49.5 | | | | | | | | | | 5 | 3 | | 6 | 15 | 3 | 31 | 53 | 2 | 6 | | | |
| Ohio..... | 4 | 60 | 50.0 | 45 | 47.2 | | | | | 8 | | | | | 1 | | | | 6 | | 4 | 5 | | 15 | | 6 | |
| Pennsylvania..... | 7 | 48 | 52.6 | 45 | 50.1 | | 1 | | 1 | | | | | | 1 | 2 | | | 2 | | 6 | 4 | 28 | | | | |
| Wisconsin..... | 4 | 29 | 49.2 | 25 | 41.5 | | | | | | | | | 1 | 5 | 4 | | | 3 | 9 | | 3 | | | | | |
| Other States..... | 1 | 2 | 48.0 | 2 | 40.0 | | | | | | | | | | | | | | | | | | | | | | |
| Total..... | 82 | 1,122 | 48.9 | 938 | 43.8 | | 2 | | 18 | 24 | | 10 | 25 | 2 | 137 | 63 | 10 | 72 | 149 | 89 | 102 | 132 | 70 | 26 | | 7 | |
| <i>Turn lasters, hand.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 4 | 128 | 46.2 | 127 | 33.0 | | 4 | | 6 | 13 | 1 | 43 | | | 2 | 17 | 3 | 12 | 16 | 2 | 6 | 2 | | | | | |
| Missouri..... | 3 | 123 | 48.0 | 85 | 42.0 | | | | | | | | | | 5 | 15 | 2 | 33 | 29 | 1 | | | | | | | |
| New Jersey..... | 2 | 13 | 49.5 | 13 | 43.5 | | | | | | | | 1 | | | | | 2 | 10 | | | | | | | | |
| New York..... | 9 | 99 | 47.9 | 62 | 46.3 | | | | | | | | | | 2 | 2 | 2 | 12 | 14 | 3 | 23 | 4 | | | | | |
| Ohio..... | 3 | 39 | 50.0 | 23 | 43.3 | | 1 | | | 3 | | | | | | | | | 9 | | 8 | 2 | | | | | |
| Pennsylvania..... | 5 | 121 | 50.7 | 109 | 45.2 | | | | | | | | | | | 19 | 2 | 38 | 10 | 1 | 16 | 17 | 1 | 3 | | 2 | |
| Wisconsin..... | 2 | 46 | 48.6 | 45 | 40.9 | | | | | | | | | | 6 | 26 | | | | | 13 | | | | | | |

TABLE C.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY HOURS ACTUALLY WORKED, BY DEPARTMENTS, SEX, AND STATES, 1922—Concluded.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees who during one weekly pay-roll period worked— | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---------------------------|----------------------|-----------------------------------|---------------------------------------|-------------------------|---|----------------------|---------|---------------------------|----------------------|---------|---------------------------|----------------------|----------|---------------------------|----------------------|-----------|---------------------------|----------------------|-----------|---------------------------|----------------------|----------|---------------------------|-------------------|----------|---|
| | Number of establishments. | Number of employees. | Average full-time hours per week. | Number of employees. | Average hours per week. | Under 12 hrs. | 12 and under 16 hrs. | 16 hrs. | Over 16 and under 20 hrs. | 20 and under 24 hrs. | 24 hrs. | Over 24 and under 28 hrs. | 28 and under 32 hrs. | 32 hrs. | Over 32 and under 36 hrs. | 36 and under 40 hrs. | 40 hrs. | Over 40 and under 44 hrs. | 44 and under 48 hrs. | 48 hrs. | Over 48 and under 51 hrs. | 51 and under 54 hrs. | 54 hrs. | Over 54 and under 57 hrs. | 57 hrs. and over. | | |
| FINISHING DEPARTMENT. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Edge setters.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 47 | 50.1 | 36 | 45.7 | | | | | | | | | | | 16 | | 2 | | 4 | | | | | | 5 | 1 |
| Maine..... | 5 | 41 | 52.9 | 34 | 47.6 | | | | | | | | 2 | | | | | | 4 | | | | | | | | |
| Massachusetts..... | 26 | 217 | 47.4 | 205 | 37.7 | 1 | 1 | | | | | 15 | 17 | 2 | 64 | 16 | 4 | 34 | 37 | 12 | | 17 | 2 | | | | |
| Michigan..... | 3 | 11 | 49.6 | 8 | 43.3 | | | | | | | | 1 | 1 | 1 | | | 2 | 1 | | | 3 | | | | | |
| Minnesota..... | 3 | 15 | 48.0 | 10 | 36.4 | | | | | | | 1 | 2 | | | 4 | | 2 | | | | | | | | | |
| Missouri..... | 7 | 75 | 49.6 | 64 | 46.5 | | | | | | | | | | 1 | | 24 | 15 | | | 6 | | 2 | | | | |
| New Hampshire..... | 8 | 55 | 48.5 | 49 | 43.1 | | | | 1 | | | 3 | 4 | | 2 | | 4 | | 9 | | 15 | 3 | | 6 | 2 | | |
| New Jersey..... | 4 | 11 | 46.3 | 11 | 37.5 | | | | 3 | | | | | | 4 | | | 3 | | | | 1 | | 6 | 1 | | |
| New York..... | 12 | 102 | 47.6 | 83 | 43.7 | | | | | | | 4 | | | 13 | 6 | 2 | 7 | 19 | 3 | 21 | 6 | 1 | | | 1 | |
| Ohio..... | 7 | 89 | 50.0 | 80 | 46.7 | | | | | | | 4 | 4 | | 9 | | | 2 | | | 22 | 36 | | 3 | 3 | | |
| Pennsylvania..... | 10 | 62 | 51.6 | 53 | 44.2 | | 1 | | 1 | | | 1 | 2 | | | 5 | | 4 | 21 | 5 | 7 | 3 | 3 | | | | |
| Wisconsin..... | 5 | 20 | 48.8 | 18 | 39.9 | | | | | | | | 2 | 3 | | 6 | 1 | | 3 | | 3 | | | | | | |
| Other States..... | 1 | 1 | 43.0 | 1 | 43.0 | | | | | | | | | | | | | 1 | | | | | | | | | |
| Total..... | 96 | 746 | 48.9 | 652 | 42.5 | 1 | 2 | | 5 | | | 28 | 34 | 5 | 92 | 58 | 11 | 78 | 114 | 41 | 85 | 82 | 6 | 8 | | 2 | |
| <i>Tyers.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 29 | 50.5 | 22 | 49.2 | | | | | | | | | | | | | | 3 | | 12 | 7 | 3 | | | | 1 |
| Maine..... | 5 | 50 | 52.7 | 43 | 49.6 | | | | | | | | | | | | | | 3 | | | 9 | 21 | | 1 | | |
| Massachusetts..... | 26 | 377 | 47.4 | 345 | 40.9 | | | | 3 | 1 | 44 | 9 | | | 57 | 6 | 5 | 59 | 112 | 14 | 19 | 8 | 2 | 1 | 3 | 5 | |
| Michigan..... | 2 | 15 | 50.0 | 11 | 47.5 | | | | | | | | | | | | | | 1 | | 8 | | | | | | |
| Minnesota..... | 3 | 22 | 48.0 | 13 | 44.1 | | | | | | | | | | | 1 | 1 | 3 | 8 | | | | | | | | |
| Missouri..... | 6 | 97 | 50.2 | 86 | 49.7 | | | | | | | | | | | | | 15 | | | 29 | 14 | | 26 | | | |
| New Hampshire..... | 8 | 106 | 48.7 | 98 | 43.6 | | | | 1 | | | 1 | 8 | | 3 | 24 | | 4 | 1 | | 23 | 10 | 18 | | | | |
| New Jersey..... | 4 | 13 | 47.5 | 17 | 49.1 | | | | | | | | 2 | | | | | 4 | | | 7 | 2 | | | | | 2 |
| New York..... | 10 | 116 | 47.7 | 104 | 47.5 | | | | | | | | | | | 1 | 3 | 15 | 29 | 4 | 27 | 25 | | | | | |

TABLE D.—NUMBER OF EMPLOYEES IN 14 SELECTED OCCUPATIONS MAKING AS MANY STARTS AS FACTORY WAS IN OPERATION IN ONE WEEK, CLASSIFIED BY EARNINGS ACTUALLY RECEIVED, BY DEPARTMENTS, SEX, AND STATES, 1922—Continued.

| Occupation, sex, and State. | All employees. | | | Employees making all possible starts. | | Number of employees whose earnings in one week were— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|----------------------|--------------------------------------|---------------------------------------|----------------------------|--|--------------------|--------------------|--------------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|--|----------|---|--|--|
| | Number of establishments. | Number of employees. | Average full-time earnings per week. | Number of employees. | Average earnings per week. | Under \$5. | \$5 and under \$6. | \$6 and under \$7. | \$7 and under \$8. | \$8 and under \$9. | \$9 and under \$10. | \$10 and under \$12. | \$12 and under \$14. | \$14 and under \$16. | \$16 and under \$18. | \$18 and under \$20. | \$20 and under \$22. | \$22 and under \$24. | \$24 and under \$26. | \$26 and under \$28. | \$28 and under \$30. | \$30 and under \$32. | \$32 and under \$34. | \$34 and under \$36. | \$36 and under \$38. | \$38 and under \$40. | \$40 and under \$45. | \$45 and under \$50. | \$50 and under \$55. | \$55 and under \$60. | \$60 and over. | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FITTING OR STITCHING DEPARTMENT—Concluded. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Living makers.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Female:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 74 | \$17.60 | 54 | \$17.14 | | | | | 2 | 1 | 8 | 1 | 11 | 6 | 10 | 7 | 4 | 1 | 3 | | | | | | | | | | | | | | | | |
| Maine..... | 5 | 70 | 17.95 | 57 | 17.02 | | | | | 1 | 1 | 7 | 8 | 10 | 7 | 7 | 6 | 5 | 3 | 2 | | | | | | | | | | | | | | | | |
| Massachusetts..... | 25 | 291 | 19.72 | 225 | 15.05 | 3 | 5 | 6 | 11 | 9 | 41 | 42 | 31 | 29 | 9 | 10 | 5 | 10 | 6 | 1 | 2 | 4 | | | | | | | 1 | | | | | | | |
| Michigan..... | 2 | 11 | 14.70 | 7 | 14.69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minnesota..... | 3 | 12 | 20.26 | 10 | 12.82 | 1 | 1 | 2 | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Missouri..... | 7 | 94 | 15.46 | 57 | 15.93 | | | | 3 | 1 | 13 | 5 | 12 | 8 | 8 | | | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | | | | | | | | | | | |
| New Hampshire..... | 8 | 99 | 14.48 | 63 | 12.24 | 5 | 1 | 2 | 6 | 3 | 4 | 5 | 8 | 19 | 7 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| New Jersey..... | 4 | 11 | 17.00 | 9 | 14.57 | | | | 1 | 1 | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| New York..... | 11 | 137 | 21.00 | 107 | 20.42 | | | | 1 | 1 | 4 | 2 | 7 | 13 | 11 | 17 | 11 | 9 | 15 | 4 | 2 | 5 | | 3 | 2 | | | | | | | | | | | |
| Ohio..... | 7 | 105 | 17.95 | 88 | 15.88 | 1 | | 1 | 2 | 6 | 6 | 5 | 15 | 13 | 11 | 7 | 9 | 3 | 3 | 1 | 1 | 4 | 1 | | | | | | | | | | | | | |
| Pennsylvania..... | 10 | 77 | 15.17 | 66 | 13.70 | 3 | | 2 | 2 | 1 | 17 | 17 | 12 | | | 4 | 1 | 3 | 2 | 1 | 1 | | | | | | | | | | | | | | | |
| Wisconsin..... | 5 | 29 | 18.02 | 16 | 15.79 | | | | | | 1 | 1 | 4 | 2 | 5 | 1 | 1 | | | | 1 | | | | | | | | | | | | | | | |
| Other States..... | 1 | 1 | 19.39 | 1 | 17.90 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Total..... | 93 | 1,011 | 17.76 | 760 | 15.90 | 9 | 5 | 11 | 18 | 30 | 28 | 99 | 119 | 126 | 90 | 57 | 48 | 32 | 37 | 20 | 8 | 10 | 6 | 4 | 2 | | | 1 | | | | | | | | |
| <i>Top stitchers.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Male:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts..... | 8 | 32 | 34.31 | 24 | 32.01 | | | | | | 1 | 1 | | 2 | 1 | | | 3 | 2 | | 1 | | 4 | | 1 | 1 | | 2 | 1 | 1 | | | | 3 | | |
| New Hampshire..... | 2 | 2 | 18.08 | 2 | 18.50 | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| New York..... | 4 | 12 | 32.15 | 11 | 33.54 | | | | | | | | | | | 2 | 1 | | 1 | 1 | | 2 | 1 | | | | 1 | 3 | 1 | | | | | | | |
| Pennsylvania..... | 3 | 12 | 31.25 | 12 | 28.41 | | | | | | | | | | | 2 | 1 | | 1 | 1 | 2 | 3 | | | | | | | | | | | | | | |
| Other States..... | 2 | 6 | 21.16 | 5 | 18.28 | | | | | | | | | | | 2 | 1 | | 1 | 1 | | | | | | | | | | | | | | | | |
| Total..... | 19 | 64 | 31.59 | 54 | 29.75 | | | | | | | 2 | 1 | | 4 | 4 | 2 | 5 | 4 | 3 | 5 | 2 | 5 | | 1 | 2 | 1 | 5 | 3 | 2 | | | 3 | | | |

FINISHING DEPARTMENT.

| | | | | | | | | | | | | | | | | |
|----------------------|----|-----|---------|-----|---------|--|---|---|----|----|----|----|----|----|----|----|
| <i>Edge setters.</i> | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 47 | \$35.60 | 36 | \$31.61 | | | | | 1 | | | | 3 | 3 | 2 |
| Maine..... | 5 | 41 | 39.91 | 34 | 36.41 | | | | | | | | | 1 | 1 | 1 |
| Massachusetts..... | 26 | 217 | 39.66 | 205 | 31.72 | | 1 | | | 1 | 4 | 3 | 4 | 4 | 5 | 27 |
| Michigan..... | 3 | 11 | 33.41 | 8 | 27.34 | | | | | 1 | 4 | | | 2 | 2 | 22 |
| Minnesota..... | 3 | 15 | 34.90 | 10 | 28.38 | | | | | | | 1 | | 2 | 2 | 13 |
| Missouri..... | 7 | 75 | 41.04 | 64 | 38.87 | | | | | | 1 | | | 1 | 1 | 15 |
| New Hampshire..... | 8 | 55 | 32.13 | 49 | 28.71 | | | | | | 1 | 1 | 1 | 3 | 3 | 3 |
| New Jersey..... | 4 | 11 | 31.53 | 11 | 25.56 | | 1 | | | 4 | 1 | | | 6 | 4 | 2 |
| New York..... | 12 | 102 | 35.43 | 83 | 32.08 | | | | | 1 | | | | 2 | 2 | 1 |
| Ohio..... | 7 | 89 | 38.40 | 80 | 35.93 | | | | | | | | | 7 | 12 | 9 |
| Pennsylvania..... | 10 | 62 | 33.43 | 53 | 28.59 | | 1 | | | 1 | 3 | 3 | | 2 | 4 | 9 |
| Wisconsin..... | 5 | 20 | 35.67 | 18 | 29.23 | | | | | | | | | 1 | 3 | 12 |
| Other States..... | 1 | 1 | 33.55 | 1 | 30.05 | | | | | | | | | 3 | 3 | 1 |
| Total..... | 96 | 746 | 37.33 | 652 | 32.46 | | 1 | | 2 | 1 | 11 | 10 | 8 | 5 | 17 | 30 |
| <i>Trees.</i> | | | | | | | | | | | | | | | | |
| Male: | | | | | | | | | | | | | | | | |
| Illinois..... | 5 | 29 | 24.91 | 22 | 24.67 | | | | | | 1 | 7 | 2 | 1 | 2 | 1 |
| Maine..... | 5 | 50 | 29.50 | 43 | 28.38 | | | | | | 2 | 2 | 2 | 1 | 8 | 3 |
| Massachusetts..... | 26 | 377 | 30.78 | 345 | 26.47 | | 1 | 1 | 4 | 5 | 14 | 17 | 27 | 39 | 30 | 30 |
| Michigan..... | 2 | 15 | 24.85 | 11 | 24.42 | | | | | | | | | 2 | 5 | 1 |
| Minnesota..... | 3 | 22 | 27.55 | 13 | 24.90 | | | | | | 1 | | 1 | 1 | 1 | 3 |
| Missouri..... | 6 | 97 | 28.41 | 86 | 28.18 | | | | | | 1 | 1 | 2 | 6 | 11 | 7 |
| New Hampshire..... | 8 | 106 | 22.47 | 98 | 19.11 | | | 6 | | 10 | 8 | 10 | 20 | 14 | 10 | 9 |
| New Jersey..... | 4 | 18 | 21.74 | 17 | 21.61 | | | | | | 1 | 3 | 4 | 2 | 1 | 1 |
| New York..... | 10 | 116 | 28.18 | 104 | 27.91 | | | | | | 3 | 2 | 10 | 5 | 13 | 12 |
| Ohio..... | 2 | 10 | 27.05 | 10 | 25.91 | | | | | | | | 1 | 3 | 1 | 1 |
| Pennsylvania..... | 9 | 49 | 25.08 | 43 | 23.88 | | | 2 | | | 2 | 2 | 6 | 2 | 6 | 2 |
| Wisconsin..... | 5 | 25 | 30.21 | 24 | 25.63 | | | | | | 3 | | 2 | 2 | 6 | 2 |
| Other States..... | 1 | 2 | 33.46 | 2 | 30.86 | | | | | | | | | 2 | 2 | 1 |
| Total..... | 86 | 916 | 28.27 | 818 | 25.69 | | 1 | 1 | 12 | 18 | 33 | 48 | 77 | 79 | 94 | 74 |
| Female: | | | | | | | | | | | | | | | | |
| Illinois..... | 3 | 32 | 18.81 | 27 | 18.65 | | | | | | 1 | 4 | 8 | 6 | 3 | 2 |
| Massachusetts..... | 6 | 29 | 17.44 | 26 | 16.47 | | | | | | 2 | 2 | 2 | 4 | 4 | 4 |
| Missouri..... | 5 | 33 | 19.73 | 25 | 19.60 | | | | | | 2 | 2 | 4 | 3 | 2 | 2 |
| New York..... | 5 | 30 | 20.28 | 25 | 15.58 | | 1 | | 1 | 6 | 5 | 4 | 1 | 1 | 3 | 1 |
| Ohio..... | 6 | 63 | 20.85 | 52 | 19.53 | | | | | | 3 | 6 | 9 | 6 | 17 | 7 |
| Pennsylvania..... | 4 | 14 | 16.48 | 11 | 11.18 | | 1 | | 3 | | 1 | | | 1 | | |
| Wisconsin..... | 2 | 9 | 23.19 | 9 | 17.66 | | | | | | | 2 | 6 | | | 1 |
| Other States..... | 3 | 14 | 19.67 | 12 | 18.57 | | | | | | 3 | 3 | | 3 | | 1 |
| Total..... | 34 | 224 | 19.62 | 187 | 17.82 | | 1 | | 2 | 3 | 1 | 13 | 21 | 30 | 30 | 26 |

