

EMPLOYMENT AND AVERAGE HOURLY WAGES—CLASS I RAILWAYS<sup>1</sup>

| Month           | 1921                                    | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  |
|-----------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | EMPLOYMENT (thousands of employees)     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| January         |   | 1,537 | 1,763 | 1,734 | 1,712 | 1,713 | 1,707 | 1,597 | 1,578 | 1,544 | 1,318 | 1,094 | 947   | 970   | 964   | 991   |
| February        |   | 1,530 | 1,767 | 1,737 | 1,709 | 1,716 | 1,704 | 1,591 | 1,589 | 1,527 | 1,301 | 1,079 | 943   | 980   | 973   | 1,042 |
| March           |   | 1,555 | 1,800 | 1,744 | 1,706 | 1,729 | 1,714 | 1,609 | 1,611 | 1,530 | 1,303 | 1,082 | 921   | 1,003 | 983   | 1,032 |
| April           |   | 1,563 | 1,827 | 1,771 | 1,729 | 1,767 | 1,742 | 1,642 | 1,649 | 1,556 | 1,315 | 1,073 | 927   | 1,021 | 981   | 1,061 |
| May             |   | 1,613 | 1,880 | 1,776 | 1,751 | 1,792 | 1,776 | 1,693 | 1,697 | 1,585 | 1,322 | 1,068 | 940   | 1,048 | 1,001 | 1,080 |
| June            |   | 1,670 | 1,918 | 1,754 | 1,765 | 1,817 | 1,804 | 1,719 | 1,719 | 1,548 | 1,302 | 1,034 | 960   | 1,059 | 1,019 | 1,089 |
| July            | 1,620                                   | 1,452 | 1,938 | 1,757 | 1,779 | 1,840 | 1,806 | 1,712 | 1,728 | 1,515 | 1,294 | 1,009 | 993   | 1,053 | 1,023 | 1,097 |
| August          | 1,665                                   | 1,578 | 1,957 | 1,773 | 1,784 | 1,836 | 1,779 | 1,714 | 1,743 | 1,498 | 1,273 | 983   | 1,019 | 1,036 | 1,015 | 1,102 |
| September       | 1,703                                   | 1,693 | 1,929 | 1,785 | 1,787 | 1,838 | 1,771 | 1,706 | 1,731 | 1,470 | 1,239 | 997   | 1,035 | 1,027 | 1,013 | ----- |
| October         | 1,739                                   | 1,788 | 1,920 | 1,806 | 1,800 | 1,849 | 1,767 | 1,708 | 1,733 | 1,439 | 1,210 | 1,020 | 1,029 | 1,016 | 1,021 | ----- |
| November        | 1,717                                   | 1,804 | 1,883 | 1,772 | 1,772 | 1,811 | 1,712 | 1,664 | 1,664 | 1,378 | 1,155 | 1,000 | 1,002 | 982   | 1,001 | ----- |
| December        | 1,622                                   | 1,773 | 1,777 | 1,720 | 1,737 | 1,757 | 1,643 | 1,605 | 1,588 | 1,340 | 1,119 | 981   | 970   | 965   | 987   | ----- |
| Monthly average | 2 1,678                                 | 1,630 | 1,863 | 1,761 | 1,753 | 1,789 | 1,744 | 1,663 | 1,670 | 1,494 | 1,263 | 1,035 | 974   | 1,013 | 999   | ----- |
| Month           | AVERAGE HOURLY WAGES (dollars per hour) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                 | 1921                                    | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  |
| January         |   | 0.611 | 0.594 | 0.603 | 0.614 | 0.625 | 0.636 | 0.647 | 0.653 | 0.666 | 0.670 | 0.679 | 0.616 | 0.612 | 0.647 | 0.682 |
| February        |   | .623  | .607  | .614  | .628  | .636  | .648  | .654  | .674  | .680  | .690  | .624  | .631  | .631  | .667  | .695  |
| March           |   | .605  | .588  | .603  | .610  | .616  | .625  | .637  | .653  | .659  | .669  | .607  | .607  | .609  | .647  | .676  |
| April           |   | .604  | .591  | .598  | .605  | .613  | .623  | .639  | .647  | .652  | .665  | .608  | .613  | .611  | .676  | .670  |
| May             |   | .596  | .585  | .595  | .605  | .612  | .623  | .628  | .643  | .648  | .665  | .605  | .603  | .601  | .669  | .670  |
| June            |   | .597  | .585  | .599  | .601  | .607  | .617  | .628  | .645  | .654  | .659  | .602  | .603  | .600  | .670  | .663  |
| July            | 0.600                                   | .569  | .587  | .595  | .600  | .606  | .622  | .633  | .640  | .652  | .661  | .608  | .608  | .620  | .662  | .664  |
| August          | .593                                    | .566  | .582  | .596  | .602  | .608  | .620  | .627  | .638  | .654  | .662  | .599  | .598  | .613  | .659  | .665  |
| September       | .599                                    | .583  | .597  | .604  | .610  | .618  | .634  | .645  | .656  | .665  | .670  | .611  | .606  | .630  | .678  | ----- |
| October         | .598                                    | .583  | .589  | .599  | .606  | .616  | .631  | .636  | .647  | .659  | .665  | .609  | .603  | .616  | .667  | ----- |
| November        | .605                                    | .593  | .600  | .613  | .621  | .625  | .638  | .649  | .661  | .680  | .685  | .616  | .614  | .632  | .682  | ----- |
| December        | .605                                    | .598  | .602  | .613  | .617  | .630  | .641  | .655  | .667  | .671  | .676  | .615  | .617  | .636  | .686  | ----- |
| Monthly average | 2 .600                                  | .593  | .592  | .602  | .610  | .618  | .629  | .639  | .651  | .661  | .669  | .616  | .609  | .617  | .668  | ----- |

<sup>1</sup> Data are compiled by the Interstate Commerce Commission and represent the number of employees, exclusive of executives, officials, and staff assistants, for class I railways, including the switching and terminal companies of these railways. Data are for those on the pay roll at the middle of the month. The changes in the average hourly earnings during 1934 were due, in part, to the restoration of 3/4 of the 10 percent wage cut made in 1932. The partial restoration was effective July 1, 1934. Another 1/4 of the 10 percent cut was restored on January 1, 1935, and the remainder on April 1, 1935. Data for the separate classes of employees (executives, officials, and staff assistants) are not available prior to July 1921, therefore, data comparable with those in this table cannot be compiled. It must be kept in mind that the average hourly wages are affected by changes in the proportions of employees in each wage group and by changes in the wage rates.

<sup>2</sup> Average of six months, July to December, inclusive.

FACTORY EMPLOYMENT AND PAY ROLLS, WILMINGTON, DELAWARE<sup>1</sup>

[Monthly average 1923-25=100]

| Month           | 1923       | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | 1931 | 1932 | 1933 | 1934 | 1935 | 1936  |  |
|-----------------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|--|
|                 | EMPLOYMENT |       |       |       |       |       |       |       |      |      |      |      |      |       |  |
| January         | 107.8      | 96.2  | 99.1  | 103.9 | 103.6 | 105.8 | 99.3  | 105.8 | 81.1 | 74.4 | 68.1 | 81.3 | 80.1 | 87.0  |  |
| February        | 108.7      | 97.9  | 97.9  | 107.5 | 105.8 | 103.3 | 101.9 | 102.5 | 81.7 | 75.2 | 68.7 | 85.5 | 79.3 | 86.9  |  |
| March           | 113.3      | 95.5  | 100.0 | 108.4 | 105.2 | 101.9 | 102.4 | 103.3 | 82.6 | 72.8 | 65.5 | 87.5 | 79.0 | 86.1  |  |
| April           | 115.4      | 99.4  | 99.4  | 105.0 | 101.6 | 100.8 | 107.0 | 103.9 | 81.1 | 71.6 | 63.8 | 88.3 | 80.6 | 85.3  |  |
| May             | 114.9      | 95.8  | 102.7 | 102.1 | 98.2  | 101.1 | 107.3 | 102.3 | 80.8 | 69.4 | 67.0 | 87.8 | 81.0 | 86.8  |  |
| June            | 116.0      | 88.8  | 101.6 | 100.3 | 95.6  | 99.6  | 107.4 | 100.9 | 80.1 | 67.7 | 72.7 | 89.9 | 83.0 | 89.6  |  |
| July            | 114.1      | 90.7  | 95.5  | 99.1  | 98.6  | 99.3  | 112.1 | 96.3  | 78.0 | 66.3 | 80.5 | 88.7 | 81.5 | 93.3  |  |
| August          | 109.6      | 86.8  | 94.6  | 101.2 | 98.9  | 98.3  | 115.9 | 96.1  | 77.5 | 64.1 | 86.4 | 85.0 | 83.0 | 96.3  |  |
| September       | 105.3      | 83.1  | 94.3  | 101.7 | 100.9 | 98.8  | 115.0 | 90.5  | 75.3 | 66.9 | 88.5 | 84.6 | 83.8 | ----- |  |
| October         | 105.3      | 85.0  | 96.1  | 98.1  | 102.3 | 98.3  | 111.8 | 87.5  | 68.8 | 66.7 | 86.8 | 86.2 | 87.1 | ----- |  |
| November        | 99.1       | 92.0  | 98.2  | 98.4  | 104.6 | 97.7  | 113.0 | 81.1  | 69.4 | 67.1 | 86.4 | 81.6 | 85.1 | ----- |  |
| December        | 100.0      | 94.6  | 104.2 | 102.3 | 106.8 | 99.6  | 109.5 | 79.8  | 70.7 | 69.2 | 85.1 | 80.2 | 87.0 | ----- |  |
| Monthly average | 109.1      | 92.1  | 98.6  | 102.3 | 101.8 | 100.4 | 108.5 | 95.8  | 77.3 | 69.3 | 76.6 | 85.5 | 82.5 | ----- |  |
| Month           | PAY ROLLS  |       |       |       |       |       |       |       |      |      |      |      |      |       |  |
|                 | 1923       | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | 1931 | 1932 | 1933 | 1934 | 1935 | 1936  |  |
| January         | 101.2      | 99.1  | 103.1 | 109.0 | 104.2 | 107.0 | 104.2 | 114.2 | 81.1 | 64.6 | 51.8 | 65.3 | 66.3 | 78.0  |  |
| February        | 101.9      | 101.4 | 99.7  | 112.1 | 109.6 | 105.3 | 108.4 | 108.4 | 84.1 | 67.2 | 53.3 | 70.5 | 67.8 | 76.5  |  |
| March           | 110.3      | 99.9  | 100.9 | 111.9 | 108.5 | 105.2 | 106.8 | 109.0 | 85.9 | 64.9 | 48.3 | 71.2 | 66.5 | 75.6  |  |
| April           | 115.2      | 101.4 | 100.0 | 109.1 | 106.5 | 100.0 | 111.9 | 112.4 | 82.1 | 59.9 | 46.5 | 72.0 | 67.7 | 76.5  |  |
| May             | 118.6      | 95.0  | 104.9 | 103.4 | 102.1 | 105.0 | 115.2 | 109.2 | 84.7 | 56.1 | 52.9 | 71.2 | 67.2 | 79.1  |  |
| June            | 133.3      | 84.8  | 98.9  | 103.0 | 96.6  | 102.9 | 116.7 | 108.7 | 80.5 | 54.2 | 58.9 | 74.0 | 69.2 | 82.9  |  |
| July            | 116.4      | 78.7  | 92.3  | 98.0  | 97.6  | 97.5  | 116.1 | 102.8 | 74.1 | 51.4 | 67.7 | 73.7 | 67.9 | 84.8  |  |
| August          | 106.1      | 80.2  | 94.2  | 102.6 | 98.7  | 99.7  | 120.8 | 100.3 | 72.8 | 49.6 | 67.0 | 69.9 | 69.7 | 90.5  |  |
| September       | 105.3      | 79.6  | 89.2  | 104.2 | 102.3 | 102.0 | 122.8 | 95.4  | 68.0 | 53.1 | 69.5 | 69.3 | 71.8 | ----- |  |
| October         | 108.6      | 82.9  | 98.4  | 104.4 | 104.2 | 102.9 | 121.1 | 91.3  | 61.8 | 53.4 | 69.7 | 72.7 | 74.2 | ----- |  |
| November        | 104.3      | 84.3  | 101.0 | 102.1 | 106.8 | 102.0 | 121.2 | 81.6  | 60.4 | 51.6 | 67.6 | 66.1 | 74.6 | ----- |  |
| December        | 104.9      | 97.5  | 106.1 | 107.0 | 112.5 | 108.0 | 117.9 | 80.0  | 62.6 | 54.7 | 68.7 | 65.7 | 78.4 | ----- |  |
| Monthly average | 110.5      | 90.4  | 99.1  | 105.3 | 104.1 | 103.1 | 115.3 | 101.1 | 74.8 | 56.7 | 60.2 | 70.1 | 70.1 | ----- |  |

<sup>1</sup> Compiled by the Federal Reserve Bank of Philadelphia from original reports collected monthly by the bank in cooperation with the U. S. Bureau of Labor Statistics. The reports represent the Wilmington industrial area (New Castle County) and cover 1 pay-roll period ending nearest the 15th of the month. All pay-roll figures are reduced to a weekly basis. The indexes, in a continuous series from 1923 to date, are based upon reports from approximately 56 manufacturing plants representing 28 major industries, which in 1935 employed over 9,000 wage earners and whose total pay roll amounted to about \$9,901,000. Estimated on the basis of the 1933 Federal Census of Manufactures, the employment index represented about 65 percent of all workers engaged in the manufacturing industries of that area, and the pay-roll index represented approximately 67 percent of total wage payments. The indexes are constructed from combined totals by the use of the fixed-base method and are not weighted. The indexes are not adjusted for seasonal variation, but they have been adjusted to the Federal Census of Manufactures from 1923 through 1931 and will be similarly adjusted to subsequent Censuses. The base period used for the indexes is the monthly average for the 3 years 1923-25 taken as 100.