standard errors of mean hourly, weekly, and annual earnings for full-time workers

| Occupation 1 | Hourly earnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| All workers | \$21.30 | 4.0\% | \$843 | 3.9\% | \$43,132 | 3.9\% |
| Management occupations | 39.52 | 7.0 | 1,620 | 5.8 | 84,139 | 5.8 |
| General and operations managers ................. | 48.96 | 15.2 | 2,015 | 14.4 | 104,773 | 14.4 |
| Marketing and sales managers ..................... | 52.24 | 3.3 | 2,083 | 2.7 | 108,291 | 2.7 |
| Marketing managers .............................. | 49.48 | 18.0 | 1,992 | 17.0 | 103,572 | 17.0 |
| Sales managers ..................................... | 53.82 | 7.1 | 2,133 | 7.3 | 110,934 | 7.3 |
| Financial managers | 34.44 | 12.2 | 1,399 | 12.0 | 72,725 | 12.0 |
| Education administrators | 30.36 | 22.4 | 1,263 | 31.2 | 63,187 | 31.2 |
| Business and financial operations occupations | 29.82 | 6.9 | 1,210 | 9.1 | 59,804 | 9.1 |
| Buyers and purchasing agents $\qquad$ <br> Purchasing agents, except wholesale, | 27.74 | 2.9 | 1,147 | 3.2 | 59,645 | 3.2 |
| retail, and farm products | 23.75 | 6.1 | 973 | 4.5 | 50,585 | 4.5 |
| Accountants and auditors | 29.25 | 9.5 | 1,144 | 8.7 | 59,506 | 8.7 |
| Financial analysts and advisors .................. | 43.92 | 16.2 | 1,698 | 17.9 | 88,290 | 17.9 |
| Computer and mathematical science occupations | 40.13 | 3.8 | 1,632 | 5.2 | 84,879 | 5.2 |
| Computer software engineers ...................... | 48.55 | 2.5 | 2,004 | 2.4 | 104,188 | 2.4 |
| Computer systems analysts ......................... | 40.53 | . 5 | 1,662 | . 6 | 86,431 | . 6 |
| Architecture and engineering occupations .... | 31.59 | 8.6 | 1,269 | 8.3 | 65,990 | 8.3 |
| Engineers ................................................. | 41.96 | 10.9 | 1,692 | 10.5 | 87,960 | 10.5 |
| Life, physical, and social science occupations | 32.91 | 14.7 | 1,317 | 14.7 | 68,461 | 14.7 |
| Community and social services occupations | 20.04 | 12.8 | 760 | 12.3 | 37,543 | 12.3 |
| Social workers.. | 18.53 | 9.5 | 711 | 9.0 | 36,168 | 9.0 |
| Education, training, and library occupations Primary, secondary, and special education | 20.41 | 18.3 | 764 | 15.3 | 33,957 | 15.3 |
| school teachers | 20.74 | 20.7 | 789 | 18.3 | 34,605 | 18.3 |
| Preschool and kindergarten teachers ........ | 13.43 | 5.4 | 526 | 5.7 | 25,436 | 5.7 |
| Preschool teachers, except special education $\qquad$ | 13.27 | 5.8 | 521 | 6.1 | 25,155 | 6.1 |
| Arts, design, entertainment, sports, and media occupations | 26.50 | 9.9 | 1,054 | 9.9 | 54,825 | 9.9 |
| Healthcare practitioner and technical occupations | 29.07 | 26.3 | 1,126 | 23.1 | 58,550 | 23.1 |

See footnotes at end of table.

| Occupation ${ }^{1}$ | Hourly earnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| Healthcare support occupations | \$14.72 | 4.5\% | \$559 | 5.1\% | \$29,086 | 5.1\% |
| Nursing, psychiatric, and home health aides | 11.95 | . 5 | 460 | 1.5 | 23,924 | 1.5 |
| occupations | 15.95 | 5.2 | 602 | 6.4 | 31,322 | 6.4 |
| Dental assistants ................................... | 19.44 | 4.7 | 696 | 5.2 | 36,205 | 5.2 |
| Food preparation and serving related occupations | 10.60 | 8.4 | 407 | 8.1 | 20,736 | 8.1 |
| First-line supervisors/managers, food preparation and serving workers | 18.77 | 5.7 | 785 | 8.4 | 40,836 | 8.4 |
| First-line supervisors/managers of food preparation and serving workers | 18.36 | 10.5 | 778 | 11.9 | 40,470 | 11.9 |
| Cooks ...................................................... | 12.55 | 2.5 | 494 | 3.4 | 25,696 | 3.4 |
| Cooks, restaurant | 13.20 | 3.7 | 510 | 3.6 | 26,524 | 3.6 |
| Food service, tipped ................................... | 5.76 | 38.3 | 212 | 40.2 | 10,427 | 40.2 |
| Waiters and waitresses | 5.60 | 47.6 | 208 | 48.8 | 10,094 | 48.8 |
| Fast food and counter workers $\qquad$ <br> Counter attendants, cafeteria food | 8.67 | 5.6 | 323 | 3.8 | 16,315 | 3.8 |
| concession, and coffee shop | 8.53 | 5.7 | 317 | 4.1 | 15,978 | 4.1 |
| Dishwashers ............................................. | 8.92 | 4.4 | 339 | 1.9 | 17,639 | 1.9 |
| Building and grounds cleaning and maintenance occupations | 17.32 | 16.5 | 689 | 16.7 | 33,690 | 16.7 |
| Janitors and cleaners, except maids and housekeeping cleaners | 12.61 | 11.1 | 478 | 12.3 | 24,859 | 12.3 |
| Grounds maintenance workers ..................... | 15.08 | 2.9 | 603 | 2.9 | 24,397 | 2.9 |
| Landscaping and groundskeeping workers | 15.08 | 2.9 | 603 | 2.9 | 24,397 | 2.9 |
| Personal care and service occupations .......... | 12.04 | 2.6 | 460 | 2.5 | 22,448 | 2.5 |
| Child care workers .................................... | 11.20 | . 9 | 445 | 1.4 | 23,056 | 1.4 |
| Sales and related occupations ...................... | 20.63 | 6.9 | 827 | 7.0 | 42,862 | 7.0 |
| First-line supervisors/managers, sales workers $\qquad$ | 19.25 | 3.6 | 787 | 3.4 | 40,910 | 3.4 |
| First-line supervisors/managers of retail sales workers $\qquad$ | 16.38 | 6.6 | 675 | 6.3 | 35,091 | 6.3 |
| Retail sales workers | 13.16 | 6.9 | 521 | 7.9 | 26,903 | 7.9 |
| Cashiers, all workers .............................. | 10.16 | 2.9 | 386 | 5.0 | 20,073 | 5.0 |
| Cashiers .............................. | 10.16 | 2.9 | 386 | 5.0 | 20,073 | 5.0 |
| Counter and rental clerks and parts salespersons $\qquad$ | 12.52 | 17.2 | 501 | 17.2 | 25,933 | 17.2 |
| Counter and rental clerks ..................... | 9.86 | 10.5 | 394 | 10.5 | 20,360 | 10.5 |
| Retail salespersons ................................. | 15.15 | 12.2 | 609 | 12.9 | 31,287 | 12.9 |

See footnotes at end of table.

| Occupation ${ }^{1}$ | Hourly earnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| Sales and related occupations -Continued <br> Insurance sales agents | \$27.12 | 7.5\% | \$1,039 | 5.5\% | \$54,036 | 5.5\% |
| Sales representatives, wholesale and manufacturing $\qquad$ | 28.31 | $7.5 \%$ 3.6 | 1,039 1,148 | 5.5 3.7 | 54,036 59,709 | 5.5 3.7 |
| Sales representatives, wholesale and manufacturing, technical and scientific products $\qquad$ | 31.86 | 21.4 | 1,275 | 21.4 | 66,275 | 21.4 |
| Sales representatives, wholesale and manufacturing, except technical and scientific products $\qquad$ | 27.40 | 3.7 | 1,115 | 4.4 | 57,990 | 4.4 |
| Miscellaneous sales and related workers ....... | 30.06 | 7.3 | 1,203 | 7.3 | 62,533 | 7.3 |
| Office and administrative support occupations | 17.05 | 1.8 | 666 | 2.0 | 34,639 | 2.0 |
| First-line supervisors/managers of office and administrative support workers | 27.03 | 6.8 | 1,033 | 4.6 | 53,739 | 4.6 |
| Financial clerks ......................................... | 15.84 | 3.8 | 616 | 4.6 | 32,006 | 4.6 |
| Billing and posting clerks and machine operators $\qquad$ | 15.36 | 8.0 | 596 | 8.0 | 31,017 | 8.0 |
| Bookkeeping, accounting, and auditing clerks $\qquad$ | 17.66 | 6.2 | 687 | 5.5 | 35,709 | 5.5 |
| Tellers | 13.64 | 1.9 | 530 | 3.1 | 27,563 | 3.1 |
| Customer service representatives ................ | 16.85 | 7.0 | 656 | 5.6 | 34,127 | 5.6 |
| Receptionists and information clerks ........... | 13.97 | 2.0 | 539 | 3.2 | 28,040 | 3.2 |
| Dispatchers ............................................... | 18.75 | 5.6 | 787 | 7.5 | 40,930 | 7.5 |
| Dispatchers, except police, fire, and ambulance $\qquad$ | 18.75 | 5.6 | 787 | 7.5 | 40,930 | 7.5 |
| Shipping, receiving, and traffic clerks .......... | 17.05 | 10.5 | 675 | 10.0 | 35,123 | 10.0 |
| Stock clerks and order fillers | 12.34 | 7.4 | 493 | 7.4 | 25,660 | 7.4 |
| Secretaries and administrative assistants $\qquad$ <br> Executive secretaries and administrative | 19.13 | 4.4 | 754 | 4.3 | 39,200 | 4.3 |
| assistants ...................................... | 22.36 | 7.2 | 874 | 6.9 | 45,460 | 6.9 |
| Medical secretaries | 17.40 | 7.5 | 677 | 8.8 | 35,226 | 8.8 |
| Secretaries, except legal, medical, and executive $\qquad$ | 17.84 | 7.7 | 711 | 7.6 | 36,995 | 7.6 |
| Insurance claims and policy processing clerks $\qquad$ | 16.92 | 4.2 | 621 | 4.1 | 32,303 | 4.1 |
| Office clerks, general ................................. | 18.14 | 5.1 | 711 | 4.5 | 36,951 | 4.5 |
| Construction and extraction occupations ...... | 22.63 | 4.4 | 905 | 4.3 | 45,994 | 4.3 |
| Carpenters ...... | 23.55 | 11.1 | 942 | 11.1 | 48,979 | 11.1 |
| Construction laborers .................................. | 22.33 | 9.0 | 893 | 9.0 | 43,745 | 9.0 |
| Construction equipment operators ................ | 35.48 | 12.5 | 1,419 | 12.5 | 72,644 | 12.5 |

See footnotes at end of table.

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Occupation \({ }^{1}\)} \& \multicolumn{2}{|l|}{Hourly earnings \({ }^{2}\)} \& \multicolumn{2}{|l|}{Weekly earnings \({ }^{4}\)} \& \multicolumn{2}{|l|}{Annual earnings \({ }^{5}\)} \\
\hline \& Mean \& Relative error \({ }^{3}\) \& Mean \& Relative error \({ }^{3}\) \& Mean \& Relative error \({ }^{3}\) \\
\hline \begin{tabular}{l}
Construction and extraction occupations \\
-Continued \\
Operating engineers and other construction equipment operators \(\qquad\) \\
Electricians \(\qquad\)
\end{tabular} \& \(\$ 35.48\)
20.26 \& \[
\begin{gathered}
12.5 \% \\
8.0
\end{gathered}
\] \& \$1,419
815 \& \[
\begin{gathered}
12.5 \% \\
7.5
\end{gathered}
\] \& \[
\begin{array}{r}
\$ 72,644 \\
42,391
\end{array}
\] \& \[
\begin{gathered}
12.5 \% \\
7.5
\end{gathered}
\] \\
\hline \begin{tabular}{l}
Installation, maintenance, and repair occupations \(\qquad\) \\
Automotive technicians and repairers \(\qquad\) \\
Automotive service technicians and mechanics \(\qquad\)
\end{tabular} \& 21.36
21.69

21.87 \& 3.4
13.5
14.0 \& 855
868
875 \& 3.4
13.5
14.0 \& 44,201
45,120
45,485 \& 3.4
13.5

14.0 \\
\hline Heating, air conditioning, and refrigeration mechanics and installers $\qquad$ \& 19.09 \& 9.2 \& 764 \& 9.2 \& 39,712 \& 9.2 \\

\hline | Industrial machinery installation, repair, and maintenance workers $\qquad$ |
| :--- |
| Maintenance and repair workers, general |
| Line installers and repairers $\qquad$ | \& 16.36

16.08
28.71 \& 4.5
6.8
7.6 \& 650
643
1,148 \& 4.2
6.8
7.6 \& 33,572
33,154

59,716 \& $$
\begin{aligned}
& 4.2 \\
& 6.8 \\
& 7.6
\end{aligned}
$$ \\

\hline Production occupations ................................ \& 14.80 \& 6.7 \& 587 \& 6.5 \& 30,550 \& 6.5 \\
\hline First-line supervisors/managers of production and operating workers \& 26.11 \& 19.2 \& 1,018 \& 20.0 \& 52,944 \& 20.0 \\
\hline Miscellaneous assemblers and fabricators Butchers and other meat, poultry, and fish processing workers $\qquad$ \& 13.41
15.95 \& 9.7
6.2 \& 529
638 \& 9.2
6.2 \& 27,514
33,178 \& 9.2
6.2 \\
\hline Forming machine setters, operators, and tenders, metal and plastic \& 14.07 \& 17.2 \& 563 \& 17.2 \& 29,267 \& 17.2 \\
\hline Machine tool cutting setters, operators, and tenders, metal and plastic \& 11.09 \& 21.6 \& 443 \& 21.6 \& 23,059 \& 21.6 \\
\hline Molders and molding machine setters, operators, and tenders, metal and plastic Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic $\qquad$ \& 15.36
14.51 \& 17.0
21.1 \& 614
581 \& 17.0
21.1 \& 31,948
30,190 \& 17.0
21.1 \\
\hline Printers .................................................... \& 16.62 \& 12.6 \& 656 \& 12.7 \& 34,098 \& 12.7 \\
\hline Inspectors, testers, sorters, samplers, and weighers $\qquad$ \& 13.09 \& 12.0 \& 524 \& 12.0 \& 27,236 \& 12.0 \\
\hline Miscellaneous production workers ............... \& 11.31 \& 9.4 \& 453 \& 9.4 \& 23,530 \& 9.4 \\
\hline Transportation and material moving occupations $\qquad$ \& 14.33 \& 3.5 \& 564 \& 4.4 \& 29,241 \& 4.4 \\
\hline Driver/sales workers and truck drivers .......... \& 15.73 \& 5.4 \& 632 \& 6.1 \& 32,846 \& 6.1 \\
\hline Truck drivers, heavy and tractor-trailer ..... \& 17.96 \& 10.2 \& 733 \& 10.6 \& 38,103 \& 10.6 \\
\hline Truck drivers, light or delivery services .... \& 13.89 \& 5.3 \& 555 \& 5.3 \& 28,881 \& 5.3 \\
\hline
\end{tabular}

See footnotes at end of table.

| Occupation ${ }^{1}$ | Hourly earnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| Transportation and material moving occupations -Continued | \$21.46 | 8.3\% | \$858 | 8.3\% | \$44,639 | 8.3\% |
| Dredge, excavating, and loading machine operators |  |  |  |  |  |  |
| Excavating and loading machine and dragline operators | 21.46 | 8.3 | 858 | 8.3 | 44,639 | 8.3 |
| Industrial truck and tractor operators .... | 16.45 | 15.5 | 646 | 15.9 | 33,578 | 15.9 |
| Laborers and material movers, hand | 12.13 | 8.4 | 484 | 8.6 | 25,163 | 8.6 |
| Laborers and freight, stock, and material movers, hand $\qquad$ | 13.15 | 9.8 | 526 | 9.8 | 27,349 | 9.8 |
| Machine feeders and offbearers ............... | 10.74 | 14.5 | 429 | 14.5 | 22,329 | 14.5 |
| Packers and packagers, hand .................. | 10.32 | 9.6 | 408 | 8.7 | 21,198 | 8.7 |

[^0][^1]
[^0]:    1 A classification system including about 800 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information

    2 Earnings are the straight-time hourly wages or salaries paid to employees They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighed by hours.

    3 The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

[^1]:    4 Mean weekly earnings are the straight-time weekly wages or salaries paid to employees.

    5 Mean annual earnings are the straight-time annual wages or salaries paid to employees.

    NOTE: Dashes indicate that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

    SOURCE: Bureau of Labor Statistics, National Compensation Survey.

