standard errors of mean hourly, weekly, and annual earnings by occupation 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 | \$21.99 | 2.9\% | \$868 | 2.9\% | \$44,709 | 2.9\% |
| Management occupations | 38.05 | 5.4 | 1,545 | 5.2 | 80,343 | 5.2 |
| General and operations managers | 49.82 | 13.7 | 2,042 | 14.4 | 106,191 | 14.4 |
| Marketing and sales managers ..................... | 41.06 | 9.6 | 1,670 | 9.3 | 86,835 | 9.3 |
| Marketing managers ...... | 36.82 | 11.9 | 1,514 | 12.0 | 78,722 | 12.0 |
| Sales managers ..................................... | 45.35 | 9.5 | 1,824 | 10.0 | 94,848 | 10.0 |
| Financial managers .................................... | 35.27 | 11.5 | 1,401 | 11.4 | 72,828 | 11.4 |
| Human resources managers ........................ | 35.14 | 8.1 | 1,443 | 9.1 | 75,040 | 9.1 |
| Industrial production managers ................... | 41.55 | 13.6 | 1,706 | 15.1 | 88,703 | 15.1 |
| Construction managers ...... | 35.08 | 4.5 | 1,409 | 4.9 | 73,288 | 4.9 |
| Social and community service managers ...... | 28.19 | 8.2 | 1,116 | 8.9 | 58,024 | 8.9 |
| Business and financial operations occupations $\qquad$ | 29.23 | 1.1 | 1,193 | 1.5 | 62,012 | 1.5 |
| Buyers and purchasing agents | 23.88 | 13.4 | 976 | 12.0 | 50,726 | 12.0 |
| Wholesale and retail buyers, except farm products | 22.62 | 15.6 | 925 | 14.2 | 48,085 | 14.2 |
| Purchasing agents, except wholesale, retail, and farm products | 25.40 | 10.6 | 1,036 | 9.0 | 53,895 | 9.0 |
| Human resources, training, and labor relations specialists $\qquad$ | 31.14 | 8.8 | 1,209 | 11.3 | 62,879 | 11.3 |
| Training and development specialists ....... | 36.70 | 10.2 | 1,526 | 8.3 | 79,371 | 8.3 |
| Accountants and auditors ............................ | 30.45 | 10.3 | 1,196 | 11.5 | 62,180 | 11.5 |
| Financial analysts and advisors .................. | 39.73 | 21.4 | 1,540 | 22.1 | 80,081 | 22.1 |
| Computer and mathematical science occupations | 41.77 | 7.2 | 1,686 | 7.9 | 87,673 | 7.9 |
| Computer software engineers ...................... | 58.29 | 11.3 | 2,371 | 14.1 | 123,280 | 14.1 |
| Computer software engineers, applications | 63.12 | 12.3 | 2,580 | 16.3 | 134,164 | 16.3 |
| Computer support specialists ...................... | 35.76 | 25.4 | 1,430 | 25.4 | 74,383 | 25.4 |
| Computer systems analysts ......................... | 44.96 | 3.7 | 1,848 | 3.7 | 96,109 | 3.7 |
| Network and computer systems administrators $\qquad$ | 30.14 | 27.1 | 1,205 | 27.1 | 62,681 | 27.1 |
| Architecture and engineering occupations .... | 30.70 | 6.8 | 1,229 | 6.7 | 63,920 | 6.7 |
| Engineers ................................................ | 40.98 | 10.2 | 1,643 | 10.4 | 85,415 | 10.4 |
| Electrical and electronics engineers ......... | 44.66 | 21.8 | 1,787 | 21.8 | 92,902 | 21.8 |
| Engineering technicians, except drafters ....... | 23.45 | 17.7 | 938 | 17.7 | 48,766 | 17.7 |
| Life, physical, and social science occupations | 31.00 | 16.0 | 1,240 | 16.0 | 64,482 | 16.0 |
| Community and social services occupations | 18.75 | 9.5 | 704 | 9.4 | 35,631 | 9.4 |
| Social workers .......................................... | 18.10 | 7.8 | 677 | 8.9 | 34,677 | 8.9 |

See footnotes at end of table. occupation for full-time workers - Continued


See footnotes at end of table. occupation for full-time workers - Continued

| Occupation ${ }^{1}$ | Hourly earnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| Food preparation and serving related occupations -Continued <br> Counter attendants, cafeteria, food concession, and coffee shop $\qquad$ <br> Dishwashers $\qquad$ | $\$ 9.25$ 9.23 | 6.8\% 3.5 | $\$ 351$ 365 | $\begin{aligned} & 9.0 \% \\ & 3.1 \end{aligned}$ | $\begin{array}{r} \$ 18,051 \\ 18,956 \end{array}$ | $\begin{aligned} & 9.0 \% \\ & 3.1 \end{aligned}$ |
| Building and grounds cleaning and maintenance occupations | 13.24 | 4.0 | 521 | 3.9 | 25,615 | 3.9 |
| Building cleaning workers $\qquad$ Janitors and cleaners, except maids and housekeeping cleaners $\qquad$ | 10.96 12.82 | 7.9 5.3 | 428 500 | 7.6 6.4 | 22,259 25,977 | 7.6 6.4 |
| Maids and housekeeping cleaners ............ | 9.00 | . 9 | 352 | 2.6 | 18,323 | 2.6 |
| Grounds maintenance workers .................... | 17.33 | 11.9 | 693 | 11.9 | 30,594 | 11.9 |
| Landscaping and groundskeeping workers | 17.33 | 11.9 | 693 | 11.9 | 30,594 | 11.9 |
| Personal care and service occupations ......... | 11.52 | 3.7 | 440 | 2.6 | 22,767 | 2.6 |
| Child care workers .................................... | 11.32 | 4.1 | 452 | 4.0 | 23,498 | 4.0 |
| Sales and related occupations | 21.04 | 3.0 | 844 | 3.7 | 43,837 | 3.7 |
| First-line supervisors/managers, sales workers $\qquad$ | 19.00 | 6.3 | 795 | 5.6 | 41,346 | 5.6 |
| First-line supervisors/managers of retail sales workers $\qquad$ | 18.56 | 5.7 | 781 | 4.9 | 40,620 | 4.9 |
| Retail sales workers | 15.31 | 8.3 | 609 | 9.6 | 31,571 | 9.6 |
| Cashiers, all workers | 10.66 | 5.2 | 397 | 5.7 | 20,636 | 5.7 |
| Cashiers ........................................... | 10.66 | 5.2 | 397 | 5.7 | 20,636 | 5.7 |
| Counter and rental clerks and parts salespersons $\qquad$ | 15.23 | 13.6 | 609 | 13.6 | 31,384 | 13.6 |
| Counter and rental clerks ..................... | 14.05 | 16.8 | 562 | 16.8 | 28,789 | 16.8 |
| Parts salespersons ............................... | 17.26 | 13.0 | 691 | 13.0 | 35,908 | 13.0 |
| Retail salespersons ................................. | 17.46 | 13.5 | 713 | 15.1 | 37,092 | 15.1 |
| Sales representatives, wholesale and manufacturing $\qquad$ | 30.17 | 4.2 | 1,219 | 4.2 | 63,399 | 4.2 |
| Sales representatives, wholesale and manufacturing, technical and scientific products $\qquad$ | 35.17 | 14.4 | 1,407 | 14.4 | 73,152 | 14.4 |
| Sales representatives, wholesale and manufacturing, except technical and scientific products $\qquad$ | 28.26 | 4.4 | 1,146 | 5.5 | 59,618 | 5.5 |
| Miscellaneous sales and related workers ....... | 22.24 | 18.2 | 876 | 18.6 | 45,541 | 18.6 |
| Office and administrative support occupations | 18.22 | 2.0 | 715 | 2.0 | 37,173 | 2.0 |

See footnotes at end of table. occupation for full-time workers - Continued


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 ${ }^{3}$ |
| Installation, maintenance, and repair occupations -Continued |  |  |  |  |  |  |
| Automotive technicians and repairers <br> Automotive service technicians and | \$15.09 | 18.1\% | \$640 | 16.0\% | \$33,273 | 16.0\% |
| mechanics ....................................... | 14.51 | 16.9 | 617 | 14.4 | 32,084 | 14.4 |
| Bus and truck mechanics and diesel engine specialists | 17.56 | 4.6 | 703 | 4.6 | 36,532 | 4.6 |
| Industrial machinery installation, repair, and maintenance workers $\qquad$ | 18.70 | 3.1 | 745 | 3.2 | 38,323 | 3.2 |
| Maintenance and repair workers, general .. | 18.88 | 3.5 | 752 | 3.5 | 38,573 | 3.5 |
| Production occupations ............................... | 15.89 | 2.7 | 628 | 3.0 | 32,663 | 3.0 |
| First-line supervisors/managers of production and operating workers | 23.95 | 18.2 | 941 | 18.1 | 48,919 | 18.1 |
| Electrical, electronics, and electromechanical assemblers $\qquad$ | 13.99 | 10.9 | 559 | 10.9 | 29,091 | 10.9 |
| Electrical and electronic equipment assemblers $\qquad$ | 13.90 | 13.7 | 556 | 13.7 | 28,917 | 13.7 |
| Miscellaneous assemblers and fabricators ..... | 11.94 | 9.0 | 477 | 9.0 | 24,828 | 9.0 |
| Machine tool cutting setters, operators, and tenders, metal and plastic $\qquad$ | 18.52 | 12.6 | 729 | 11.9 | 37,891 | 11.9 |
| Machinists ....... | 18.30 | 10.0 | 732 | 10.0 | 38,055 | 10.0 |
| Multiple machine tool setters, operators, and tenders, metal and plastic | 12.57 | 18.2 | 459 | 20.5 | 23,883 | 20.5 |
| Printers ..................................................... | 16.17 | 14.3 | 647 | 14.3 | 33,634 | 14.3 |
| Printing machine operators ...................... | 16.34 | 13.9 | 654 | 13.9 | 33,986 | 13.9 |
| Inspectors, testers, sorters, samplers, and weighers $\qquad$ | 17.31 | 5.8 | 692 | 5.8 | 36,008 | 5.8 |
| Miscellaneous production workers ............... | 15.03 | 2.5 | 601 | 2.5 | 31,257 | 2.5 |
| Transportation and material moving occupations | 17.39 | 3.5 | 673 | 3.9 | 34,853 | 3.9 |
| Driver/sales workers and truck drivers ......... | 18.82 | 8.2 | 757 | 8.3 | 39,366 | 8.3 |
| Truck drivers, heavy and tractor-trailer ..... | 19.12 | 5.0 | 781 | 4.8 | 40,589 | 4.8 |
| Truck drivers, light or delivery services .... | 15.04 | 14.4 | 600 | 14.5 | 31,185 | 14.5 |
| Industrial truck and tractor operators ........... | 16.60 | 13.8 | 654 | 14.6 | 34,013 | 14.6 |
| Laborers and material movers, hand ............ | 12.65 | 5.4 | 504 | 5.5 | 26,218 | 5.5 |

See footnotes at end of table. standard errors of mean hourly, weekly, and annual earnings by occupation for full-time workers - Continued

| 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 <br> occupations -Continued <br> Laborers and freight, stock, and material movers, hand $\qquad$ <br> Packers and packagers, hand $\qquad$ | $\begin{array}{r} \$ 13.39 \\ 11.33 \end{array}$ | $\begin{gathered} 7.0 \% \\ 11.1 \end{gathered}$ | $\begin{array}{r} \$ 538 \\ 447 \end{array}$ | $\begin{aligned} & 7.2 \% \\ & 9.8 \end{aligned}$ | $\begin{array}{r} \$ 28,001 \\ 23,238 \end{array}$ | $\begin{aligned} & 7.2 \% \\ & 9.8 \end{aligned}$ |

[^0]Methods, at http://www.bls.gov/opub/hom/homch8_a.htm.
4 Mean weekly earnings are the straight-time weekly wages or salaries paid to employees, exclusive of overtime.

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

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

SOURCE: Bureau of Labor Statistics, National Compensation Survey


[^0]:    1 The NCS uses the 2000 Standard Occupational Classification coding structure, which defines more than 800 unique occupations, to match jobs sampled by the survey. Military occupations are excluded from the survey.

    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 chapter 8 of the BLS Handbook of

