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 | \$16.18 | 4.6\% | \$648 | 4.6\% | \$33,634 | 4.6\% |
| Management occupations | 32.60 | 19.6 | 1,377 | 17.3 | 71,580 | 17.3 |
| General and operations managers ................ | 36.28 | 7.6 | 1,722 | 8.5 | 89,284 | 8.5 |
| Marketing and sales managers ..................... | 34.19 | 20.7 | 1,408 | 21.6 | 73,242 | 21.6 |
| Financial managers .................................... | 31.21 | 7.2 | 1,285 | 8.4 | 66,797 | 8.4 |
| Business and financial operations occupations | 25.16 | 3.4 | 1,022 | 3.4 | 53,151 | 3.4 |
| Buyers and purchasing agents .... | 30.44 | 27.7 | 1,218 | 27.7 | 63,310 | 27.7 |
| Cost estimators ......................................... | 22.88 | 9.7 | 940 | 7.4 | 48,870 | 7.4 |
| Human resources, training, and labor relations specialists $\qquad$ | 20.25 | 2.5 | 888 | 9.8 | 46,202 | 9.8 |
| Accountants and auditors ........................... | 20.42 | 7.1 | 817 | 7.1 | 42,482 | 7.1 |
| Loan counselors and officers ....................... | 29.51 | 13.2 | 1,181 | 13.2 | 61,390 | 13.2 |
| Loan officers .................... | 29.59 | 13.5 | 1,184 | 13.5 | 61,542 | 13.5 |
| Computer and mathematical science occupations $\qquad$ | 38.73 | 4.5 | 1,594 | 4.2 | 82,880 | 4.2 |
| Architecture and engineering occupations .... | 31.84 | 16.6 | 1,294 | 15.4 | 67,306 | 15.4 |
| Engineers ................................................. | 39.88 | 15.1 | 1,653 | 12.4 | 85,978 | 12.4 |
| Drafters ................................................... | 18.89 | 8.5 | 755 | 8.5 | 39,284 | 8.5 |
| Architectural and civil drafters ................ | 19.54 | 7.1 | 782 | 7.1 | 40,649 | 7.1 |
| Life, physical, and social science occupations | 18.78 | 13.8 | 729 | 15.6 | 37,882 | 15.6 |
| Community and social services occupations | 17.61 | 6.7 | 703 | 6.6 | 36,538 | 6.6 |
| Education, training, and library occupations | 12.24 | 8.4 | 478 | 7.6 | 21,871 | 7.6 |
| Postsecondary teachers | 20.86 | 14.9 | 795 | 12.6 | 37,500 | 12.6 |
| Primary, secondary, and special education school teachers | 12.42 | 6.2 | 485 | 5.5 | 21,912 | 5.5 |
| Elementary and middle school teachers .... | 19.55 | 18.9 | 738 | 18.3 | 27,779 | 18.3 |
| Arts, design, entertainment, sports, and media occupations | 16.05 | 3.9 | 670 | 7.0 | 34,846 | 7.0 |
| Designers .................................................. | 16.05 | 11.8 | 642 | 13.7 | 33,398 | 13.7 |
| Broadcast and sound engineering technicians and radio operators $\qquad$ | 15.02 | 13.3 | 601 | 13.3 | 31,251 | 13.3 |
| Healthcare practitioner and technical occupations $\qquad$ <br> Registered nurses $\qquad$ | 26.35 25.13 | 11.6 16.1 | 1,054 1,003 | 11.9 16.0 | 54,791 52,133 | 11.9 16.0 |

See footnotes at end of table.


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 ${ }^{3}$ |
| Building and grounds cleaning and maintenance occupations-Continued Landscaping and groundskeeping workers | \$12.14 | 10.9\% | \$486 | 10.9\% | \$25,256 | 10.9\% |
| Personal care and service occupations Child care workers $\qquad$ | 8.46 7.50 | 8.0 10.7 | 329 300 | 6.3 10.7 | 17,110 15,606 | $\begin{array}{r} 6.3 \\ 10.7 \end{array}$ |
| Sales and related occupations ...................... | 16.67 | 6.1 | 679 | 6.1 | 35,296 | 6.1 |
| First-line supervisors/managers, sales workers $\qquad$ | 15.99 | 4.1 | 700 | 4.5 | 36,384 | 4.5 |
| First-line supervisors/managers of retail sales workers $\qquad$ | 15.18 | 3.4 | 662 | 3.8 | 34,445 | 3.8 |
| First-line supervisors/managers of non-retail sales workers $\qquad$ | 23.37 | 4.2 | 1,048 | 8.7 | 54,512 | 8.7 |
| Retail sales workers ............ | 9.94 | 4.0 | 397 | 4.3 | 20,622 | 4.3 |
| Cashiers, all workers | 8.34 | 4.5 | 334 | 4.5 | 17,348 | 4.5 |
| Cashiers ............................................ | 8.34 | 4.5 | 334 | 4.5 | 17,348 | 4.5 |
| Counter and rental clerks and parts salespersons | 13.69 | 8.6 | 544 | 9.5 | 28,309 | 9.5 |
| Counter and rental clerks ..................... | 9.89 | 4.6 | 368 | 4.3 | 19,133 | 4.3 |
| Parts salespersons .............................. | 14.81 | 10.9 | 601 | 11.0 | 31,243 | 11.0 |
| Retail salespersons ................................ | 11.26 | 4.6 | 448 | 5.8 | 23,314 | 5.8 |
| Insurance sales agents ............................... | 30.02 | 25.2 | 1,230 | 23.9 | 63,985 | 23.9 |
| Sales representatives, wholesale and manufacturing $\qquad$ | 25.06 | 10.9 | 1,015 | 10.0 | 52,771 | 10.0 |
| Sales representatives, wholesale and manufacturing, technical and scientific products $\qquad$ | 27.93 | 13.6 | 1,117 | 13.6 | 58,094 | 13.6 |
| Sales representatives, wholesale and manufacturing, except technical and scientific products $\qquad$ | 24.54 | 12.4 | 996 | 11.3 | 51,799 | 11.3 |
| Office and administrative support occupations | 12.95 | 3.1 | 513 | 2.9 | 26,646 | 2.9 |
| First-line supervisors/managers of office and administrative support workers $\qquad$ | 16.97 | 10.8 | 651 | 11.2 | 33,871 | 11.2 |
| Financial clerks ......................................... | 13.50 | 3.0 | 532 | 2.9 | 27,644 | 2.9 |
| Bill and account collectors ..................... | 16.58 | 2.7 | 663 | 2.7 | 34,486 | 2.7 |
| Billing and posting clerks and machine operators | 12.55 | 8.0 | 502 | 8.0 | 26,101 | 8.0 |
| Bookkeeping, accounting, and auditing clerks $\qquad$ | 14.07 | 5.2 | 549 | 4.4 | 28,569 | 4.4 |
| Payroll and timekeeping clerks ............... | 14.49 | 2.2 | 579 | 2.2 | 30,129 | 2.2 |

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 ${ }^{3}$ |
| Office and administrative support occupations -Continued Tellers | \$10.10 | 4.8\% | \$396 | 5.1\% | \$20,614 | 5.1\% |
| Customer service representatives ................. | 13.07 | 4.8 | 519 | 4.8 | 26,968 | 4.8 |
| Hotel, motel, and resort desk clerks ............. | 9.58 | 3.3 | 376 | 3.5 | 19,575 | 3.5 |
| Loan interviewers and clerks ....................... | 15.22 | 1.3 | 603 | 1.7 | 31,338 | 1.7 |
| Receptionists and information clerks ........... | 11.18 | 8.4 | 448 | 8.4 | 23,290 | 8.4 |
| Shipping, receiving, and traffic clerks .......... | 14.29 | 4.8 | 572 | 4.8 | 29,741 | 4.8 |
| Stock clerks and order fillers ....................... | 11.56 | 4.8 | 455 | 5.9 | 23,679 | 5.9 |
| Secretaries and administrative assistants $\qquad$ Executive secretaries and administrative | 14.70 | 8.8 | 584 | 8.7 | 30,297 | 8.7 |
| assistants | 13.51 | 12.1 | 556 | 9.3 | 28,897 | 9.3 |
| Medical secretaries ................................ | 13.01 | 17.2 | 518 | 16.6 | 26,748 | 16.6 |
| Secretaries, except legal, medical, and executive $\qquad$ | 15.47 | 6.7 | 615 | 6.7 | 32,003 | 6.7 |
| Data entry and information processing workers $\qquad$ | 12.66 | 10.5 | 506 | 10.5 | 26,329 | 10.5 |
| Data entry keyers ................................... | 12.20 | 11.0 | 488 | 11.0 | 25,374 | 11.0 |
| Office clerks, general ................................. | 12.67 | 3.5 | 503 | 3.6 | 26,170 | 3.6 |
| Construction and extraction occupations $\qquad$ <br> First-line supervisors/managers of construction trades and extraction workers $\qquad$ | 15.09 23.22 | 1.8 7.6 | 602 929 | 1.8 7.6 | 31,119 48,297 | 1.8 7.6 |
| Construction laborers ................................. | 11.40 | 4.8 | 456 | 4.8 | 23,711 | 4.8 |
| Construction equipment operators ................ | 23.55 | 8.5 | 942 | 8.5 | 48,991 | 8.5 |
| Electricians .............................................. | 16.17 | 11.7 | 647 | 11.7 | 33,643 | 11.7 |
| Pipelayers, plumbers, pipefitters, and steamfitters $\qquad$ | 17.05 | 10.6 | 682 | 10.6 | 35,465 | 10.6 |
| Plumbers, pipefitters, and steamfitters ...... | 17.05 | 10.6 | 682 | 10.6 | 35,465 | 10.6 |
| Sheet metal workers .. | 14.79 | 9.7 | 592 | 9.7 | 30,768 | 9.7 |
| Structural iron and steel workers .................. | 16.28 | 5.6 | 651 | 5.6 | 33,871 | 5.6 |
| Helpers, construction trades ........................ | 11.91 | 4.3 | 472 | 5.4 | 24,224 | 5.4 |
| Installation, maintenance, and repair occupations | 17.43 | 6.8 | 705 | 6.7 | 36,642 | 6.7 |
| First-line supervisors/managers of mechanics, installers, and repairers | 24.29 | 13.1 | 1,033 | 11.2 | 53,691 | 11.2 |
| Automotive technicians and repairers Automotive service technicians and mechanics $\qquad$ | 20.28 20.31 | 6.2 6.8 | 814 816 | 6.3 7.0 | 42,315 42,416 | 6.3 7.0 |
| Heavy vehicle and mobile equipment service technicians and mechanics $\qquad$ | 15.23 | 7.3 | 623 | 7.6 | 32,377 | 7.6 |

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 <br> Mobile heavy equipment mechanics, except engines $\qquad$ | \$15.08 | 15.6\% | \$603 | 15.6\% | \$31,374 | 15.6\% |
| Heating, air conditioning, and refrigeration mechanics and installers | 15.63 | 5.3 | 625 | 5.3 | 32,504 | 5.3 |
| Industrial machinery installation, repair, and maintenance workers $\qquad$ | 14.52 | 8.3 | 580 | 8.3 | 30,179 | 8.3 |
| Industrial machinery mechanics ............... | 20.56 | 6.2 | 823 | 6.2 | 42,773 | 6.2 |
| Maintenance and repair workers, general .. | 12.41 | 9.6 | 496 | 9.6 | 25,793 | 9.6 |
| Maintenance workers, machinery ............. | 14.80 | 6.9 | 592 | 6.9 | 30,788 | 6.9 |
| Line installers and repairers ........................ | 22.72 | 14.1 | 909 | 14.1 | 47,264 | 14.1 |
| Electrical power-line installers and repairers $\qquad$ | 25.13 | 5.5 | 1,005 | 5.5 | 52,273 | 5.5 |
| Production occupations .. | 12.22 | 4.2 | 484 | 4.8 | 25,143 | 4.8 |
| First-line supervisors/managers of production and operating workers | 19.45 | 11.0 | 777 | 10.9 | 40,413 | 10.9 |
| Miscellaneous assemblers and fabricators | 9.79 | 2.8 | 392 | 2.8 | 20,364 | 2.8 |
| Butchers and other meat, poultry, and fish processing workers $\qquad$ | 10.21 | 12.2 | 381 | 15.0 | 19,797 | 15.0 |
| Butchers and meat cutters ........................ | 10.83 | 13.0 | 433 | 13.0 | 22,517 | 13.0 |
| Machine tool cutting setters, operators, and tenders, metal and plastic $\qquad$ | 14.65 | 6.4 | 585 | 6.4 | 30,414 | 6.4 |
| Welding, soldering, and brazing workers ...... | 15.51 | 4.0 | 620 | 4.0 | 32,260 | 4.0 |
| Welders, cutters, solderers, and brazers .... | 15.51 | 4.0 | 620 | 4.0 | 32,260 | 4.0 |
| Miscellaneous metalworkers and plastic workers $\qquad$ | 12.66 | 15.7 | 506 | 15.7 | 26,320 | 15.7 |
| Woodworking machine setters, operators, and tenders $\qquad$ | 8.82 | 9.9 | 353 | 9.9 | 18,342 | 9.9 |
| Crushing, grinding, polishing, mixing, and blending workers | 13.86 | 5.7 | 554 | 5.7 | 28,822 | 5.7 |
| Inspectors, testers, sorters, samplers, and weighers $\qquad$ | 10.81 | 8.9 | 432 | 8.9 | 22,483 | 8.9 |
| Miscellaneous production workers ............... | 10.86 | 3.2 | 434 | 3.2 | 22,559 | 3.2 |
| Helpers--production workers ................... | 10.84 | 7.9 | 431 | 7.8 | 22,395 | 7.8 |
| Transportation and material moving occupations | 12.32 | 3.3 | 493 | 3.4 | 25,640 | 3.4 |
| First-line supervisors/managers of helpers, laborers, and material movers, hand ........ | 15.92 | 9.1 | 637 | 9.1 | 33,111 | 9.1 |

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 ${ }^{3}$ |
| Transportation and material moving occupations -Continued First-line supervisors/managers of transportation and material-moving machine and vehicle operators ....... | \$17.98 | 8.0\% | \$748 | 16.2\% | \$38,918 | 16.2\% |
| Driver/sales workers and truck drivers ..... | 13.17 | 5.1 | 537 | 5.4 | 27,913 | 5.4 |
| Driver/sales workers | 13.27 | 10.3 | 527 | 11.1 | 27,405 | 11.1 |
| Truck drivers, heavy and tractor-trailer ..... | 13.79 | 5.0 | 573 | 6.4 | 29,781 | 6.4 |
| Truck drivers, light or delivery services ... | 12.28 | 16.1 | 491 | 16.1 | 25,538 | 16.1 |
| Industrial truck and tractor operators ........... | 12.24 | 6.8 | 489 | 6.8 | 25,451 | 6.8 |
| Laborers and material movers, hand ............ | 10.47 | 4.9 | 410 | 5.4 | 21,302 | 5.4 |
| Laborers and freight, stock, and material movers, hand $\qquad$ | 10.88 | 4.4 | 422 | 6.2 | 21,919 | 6.2 |
| Packers and packagers, hand .............. | 9.72 | 7.2 | 389 | 7.2 | 20,218 | 7.2 |

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

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[^0]:    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.

