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 | \$16.60 | 2.9\% | \$664 | 2.9\% | \$34,465 | 2.9\% |
| Management occupations | 33.57 | 16.1 | 1,425 | 13.6 | 74,091 | 13.6 |
| General and operations managers | 32.13 | 15.0 | 1,575 | 11.3 | 81,750 | 11.3 |
| Financial managers .................................... | 30.19 | 9.7 | 1,245 | 10.7 | 64,721 | 10.7 |
| Lodging managers .................................... | 18.61 | 10.4 | 744 | 10.4 | 38,702 | 10.4 |
| Business and financial operations occupations $\qquad$ | 26.53 | 7.1 | 1,074 | 6.9 | 55,862 | 6.9 |
| Buyers and purchasing agents | 28.24 | 22.9 | 1,139 | 23.0 | 59,248 | 23.0 |
| retail, and farm products | 21.59 | 4.8 | 864 | 4.8 | 44,918 | 4.8 |
| Cost estimators ........................................ | 23.86 | 6.5 | 980 | 5.8 | 50,975 | 5.8 |
| Human resources, training, and labor relations specialists $\qquad$ | 19.79 | 10.4 | 858 | 15.5 | 44,638 | 15.5 |
| Accountants and auditors ........................... | 21.56 | 8.9 | 861 | 8.8 | 44,780 | 8.8 |
| Loan counselors and officers | 32.00 | 15.9 | 1,274 | 15.9 | 66,237 | 15.9 |
| Loan officers ........................................ | 32.07 | 16.1 | 1,276 | 16.1 | 66,375 | 16.1 |
| Computer and mathematical science occupations | 32.99 | 8.6 | 1,332 | 9.3 | 69,284 | 9.3 |
| Computer software engineers ...................... | 43.47 | 3.3 | 1,792 | 4.0 | 93,200 | 4.0 |
| Computer support specialists ...................... | 27.52 | 9.8 | 1,077 | 11.2 | 56,016 | 11.2 |
| Architecture and engineering occupations .... | 33.75 | 17.6 | 1,373 | 16.4 | 71,373 | 16.4 |
| Engineers | 43.68 | 13.9 | 1,810 | 11.6 | 94,131 | 11.6 |
| Drafters ................................................... | 18.11 | 7.6 | 724 | 7.6 | 37,660 | 7.6 |
| Life, physical, and social science occupations | 19.87 | 14.9 | 810 | 19.4 | 42,111 | 19.4 |
| Community and social services occupations | 16.96 | 3.2 | 665 | 3.7 | 34,587 | 3.7 |
| Social workers .......................................... | 16.09 | 7.3 | 636 | 7.0 | 33,069 | 7.0 |
| Education, training, and library occupations <br> Primary, secondary, and special education | 15.90 | 12.9 | 613 | 13.0 | 27,336 | 13.0 |
| school teachers | 16.12 | 7.8 | 609 | 7.2 | 24,596 | 7.2 |
| Elementary school teachers, except special education | 17.08 | 12.8 | 642 | 13.0 | 23,878 | 13.0 |
| Secondary school teachers ...................... | 15.49 | 10.1 | 592 | 7.1 | 26,753 | 7.1 |
| Secondary school teachers, except special and vocational education ..... | 15.49 | 10.1 | 592 | 7.1 | 26,753 | 7.1 |
| Arts, design, entertainment, sports, and media occupations | 15.23 | 7.8 | 595 | 7.9 | 30,937 | 7.9 |

See footnotes at end of table.

| Occupation ${ }^{1}$ | Hourly carnings ${ }^{2}$ |  | Weekly earnings ${ }^{4}$ |  | Annual earnings ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Relative error ${ }^{3}$ | Mean | Relative $\text { error }{ }^{3}$ | Mean | Relative error ${ }^{3}$ |
| Arts, design, entertainment, sports, and media occupations -Continued Designers $\qquad$ | \$16.55 | 10.9\% | \$664 | 11.6\% | \$34,536 | 11.6\% |
| Healthcare practitioner and technical occupations | 27.83 | 12.2 | 1,111 | 12.5 | 57,773 | 12.5 |
| Registered nurses ..................................... | 28.85 | 20.0 | 1,152 | 19.9 | 59,893 | 19.9 |
| Licensed practical and licensed vocational nurses $\qquad$ | 17.27 | 5.5 | 691 | 5.5 | 35,914 | 5.5 |
| Miscellaneous health technologists and technicians $\qquad$ | 16.80 | 15.0 | 672 | 15.0 | 34,947 | 15.0 |
| Healthcare support occupations ................... | 11.18 | 7.4 | 444 | 7.4 | 23,085 | 7.4 |
| Nursing, psychiatric, and home health aides | 8.73 | 5.4 | 347 | 5.3 | 18,032 | 5.3 |
| Nursing aides, orderlies, and attendants .... | 8.67 | 3.9 | 342 | 3.5 | 17,804 | 3.5 |
| Miscellaneous healthcare support occupations $\qquad$ | 12.40 | 8.3 | 493 | 8.4 | 25,601 | 8.4 |
| Medical assistants .................................. | 11.54 | 11.7 | 462 | 11.7 | 24,001 | 11.7 |
| Protective service occupations ................ | 9.52 | 9.1 | 381 | 9.1 | 19,796 | 9.1 |
| Security guards and gaming surveillance officers $\qquad$ | 9.46 | 10.5 | 378 | 10.5 | 19,681 | 10.5 |
| Security guards ..................................... | 9.46 | 10.5 | 378 | 10.5 | 19,681 | 10.5 |
| Food preparation and serving related occupations | 7.70 | 3.1 | 303 | 4.8 | 15,717 | 4.8 |
| First-line supervisors/managers, food preparation and serving workers | 13.90 | 7.0 | 626 | 10.3 | 32,577 | 10.3 |
| First-line supervisors/managers of food preparation and serving workers $\qquad$ | 13.93 | 7.1 | 629 | 10.4 | 32,699 | 10.4 |
| Cooks ...................................................... | 8.34 | 8.9 | 328 | 10.2 | 17,067 | 10.2 |
| Cooks, institution and cafeteria ................ | 8.01 | 9.9 | 320 | 9.9 | 16,658 | 9.9 |
| Cooks, restaurant .................................... | 8.86 | 5.9 | 332 | 9.1 | 17,252 | 9.1 |
| Food service, tipped ................................... | 3.59 | 7.8 | 131 | 6.9 | 6,799 | 6.9 |
| Waiters and waitresses ........................... | 2.98 | 8.6 | 108 | 6.7 | 5,596 | 6.7 |
| Fast food and counter workers .................... | 7.80 | 5.9 | 306 | 6.8 | 15,845 | 6.8 |
| Combined food preparation and serving workers, including fast food $\qquad$ | 7.73 | 6.8 | 303 | 7.8 | 15,692 | 7.8 |
| Building and grounds cleaning and maintenance occupations | 11.65 | 6.5 | 468 | 6.9 | 24,302 | 6.9 |

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 ${ }^{3}$ |
| Building and grounds cleaning and maintenance occupations -Continued First-line supervisors/managers, building and grounds cleaning and maintenance workers $\qquad$ | \$21.26 | 16.1\% | \$865 | 16.8\% | \$44,997 | 16.8\% |
| Building cleaning workers .......................... | 10.07 | 9.1 | 399 | 9.2 | 20,667 | 9.2 |
| Janitors and cleaners, except maids and housekeeping cleaners $\qquad$ | 10.97 | 8.7 | 436 | 8.8 | 22,673 | 8.8 |
| Maids and housekeeping cleaners ............ | 8.27 | 3.2 | 326 | 2.6 | 16,756 | 2.6 |
| Grounds maintenance workers .................... | 11.42 | 16.8 | 457 | 16.8 | 23,762 | 16.8 |
| Landscaping and groundskeeping workers | 11.42 | 16.8 | 457 | 16.8 | 23,762 | 16.8 |
| Personal care and service occupations .......... | 8.86 | 6.6 | 345 | 7.6 | 17,900 | 7.6 |
| Child care workers ..................................... | 8.11 | 12.1 | 324 | 12.1 | 16,860 | 12.1 |
| Sales and related occupations ....................... | 17.13 | 5.1 | 695 | 5.1 | 36,121 | 5.1 |
| First-line supervisors/managers, sales workers $\qquad$ | 16.17 | 8.0 | 696 | 7.5 | 36,167 | 7.5 |
| First-line supervisors/managers of retail sales workers $\qquad$ | 14.40 | 4.6 | 621 | 3.4 | 32,306 | 3.4 |
| First-line supervisors/managers of non-retail sales workers $\qquad$ | 26.75 | 20.6 | 1,130 | 21.5 | 58,771 | 21.5 |
| Retail sales workers .... | 10.94 | 5.2 | 436 | 5.6 | 22,666 | 5.6 |
| Cashiers, all workers | 8.46 | 6.2 | 337 | 6.3 | 17,529 | 6.3 |
| Cashiers ........................................... | 8.46 | 6.2 | 337 | 6.3 | 17,529 | 6.3 |
| Counter and rental clerks and parts salespersons $\qquad$ | 13.78 | 4.0 | 557 | 4.1 | 28,975 | 4.1 |
| Counter and rental clerks ..................... | 10.27 | 3.8 | 407 | 6.2 | 21,144 | 6.2 |
| Parts salespersons .............................. | 14.83 | 3.3 | 604 | 3.7 | 31,405 | 3.7 |
| Retail salespersons ................................. | 13.29 | 9.7 | 526 | 11.3 | 27,320 | 11.3 |
| Insurance sales agents ................................ | 27.12 | 26.1 | 1,108 | 24.9 | 57,641 | 24.9 |
| Sales representatives, wholesale and manufacturing $\qquad$ | 27.09 | 13.1 | 1,102 | 12.4 | 57,316 | 12.4 |
| Sales representatives, wholesale and manufacturing, technical and scientific products | 28.18 | 7.5 | 1,127 | 7.5 | 58,612 | 7.5 |
| Sales representatives, wholesale and manufacturing, except technical and scientific products $\qquad$ | 26.66 | 16.6 | 1,092 | 15.7 | 56,791 | 15.7 |
| Miscellaneous sales and related workers ...... | 9.44 | 20.9 | 378 | 20.9 | 19,640 | 20.9 |
| Office and administrative support occupations $\qquad$ | 13.39 | 3.7 | 529 | 3.5 | 27,504 | 3.5 |

See footnotes at end of table.


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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 ${ }^{3}$ |
| Production occupations -Continued Miscellaneous metalworkers and plastic workers $\qquad$ | \$12.87 | 17.2\% | \$515 | 17.2\% | \$26,771 | 17.2\% |
| Laundry and dry-cleaning workers ............... | 8.53 | 3.9 | 335 | 6.0 | 17,413 | 6.0 |
| Woodworking machine setters, operators, and tenders $\qquad$ | 10.24 | 14.5 | 403 | 15.6 | 20,955 | 15.6 |
| Crushing, grinding, polishing, mixing, and blending workers $\qquad$ | 14.63 | 4.3 | 585 | 4.3 | 30,435 | 4.3 |
| Inspectors, testers, sorters, samplers, and weighers $\qquad$ | 10.79 | 11.4 | 431 | 11.4 | 22,423 | 11.4 |
| Painting workers ...................................... | 11.36 | 4.9 | 454 | 4.9 | 23,633 | 4.9 |
| Coating, painting, and spraying machine setters, operators, and tenders | 10.74 | 3.2 | 430 | 3.2 | 22,343 | 3.2 |
| Miscellaneous production workers ............... | 10.56 | 3.4 | 422 | 3.3 | 21,919 | 3.3 |
| Helpers--production workers ................... | 10.97 | 6.8 | 437 | 6.8 | 22,707 | 6.8 |
| Transportation and material moving occupations | 13.01 | 3.3 | 519 | 3.7 | 27,009 | 3.7 |
| First-line supervisors/managers of helpers, laborers, and material movers, hand | 16.01 | 7.1 | 640 | 7.1 | 33,291 | 7.1 |
| Driver/sales workers and truck drivers .......... | 13.94 | 3.9 | 563 | 4.3 | 29,279 | 4.3 |
| Driver/sales workers ............................... | 14.29 | 13.9 | 567 | 14.6 | 29,496 | 14.6 |
| Truck drivers, heavy and tractor-trailer ..... | 14.69 | 5.2 | 599 | 6.5 | 31,148 | 6.5 |
| Truck drivers, light or delivery services .... | 12.99 | 11.7 | 520 | 11.7 | 27,063 | 11.7 |
| Dredge, excavating, and loading machine operators $\qquad$ | 17.33 | 11.2 | 693 | 11.2 | 36,046 | 11.2 |
| Excavating and loading machine and dragline operators $\qquad$ | 17.33 | 11.2 | 693 | 11.2 | 36,046 | 11.2 |
| Industrial truck and tractor operators ............ | 12.44 | 5.7 | 498 | 5.7 | 25,872 | 5.7 |
| Laborers and material movers, hand ............ | 11.03 | 2.9 | 431 | 3.6 | 22,437 | 3.6 |
| Laborers and freight, stock, and material movers, hand $\qquad$ | 10.79 | 4.7 | 418 | 5.8 | 21,752 | 5.8 |

[^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.

