State of Illinois
JB Pritzker, Governor
Department of Employment Security
Raymond P. Marchiori, Acting Director

## Wage Data 2022



## Occupational Employment and Wage Statistics: Wage Data 2022 Edition

Perhaps one of the best-kept secrets in the world of career exploration and business planning is the availability of local wage data, presented here in The Occupational Employment and Wage Statistics (OEWS) report. Oftentimes job seekers, for example, rely on national wage data when considering careers or negotiating salary offers. The Illinois Department of Employment Security is pleased to offer Wage Data 2022, a resource that will help customers make sound business and career decisions based on statewide wage data. Local wage data by Metropolitan Statistical Area (MSA), Local Workforce Innovation Area (LWIA), Economic Development Region (EDR), and county is available at https://ides.illinois.gov/resources/labor-market-information/oews.html. Whether you are exploring careers or evaluating your company's pay scale, Wage Data 2022 offers information relevant to your business or job.

## Wage Data Contents

The data in this publication reflect the labor market in Illinois, while data for local areas in Illinois are online (see next page for online instructions). Entry, median, and experienced level wages for about 800 occupations in Illinois are available, from parking lot attendants to chief executives. Descriptions of job duties and examples of job titles for these occupations are listed on our website at https://ides.illinois.gov/ resources/labor-market-information/oews.html.

## The classification structure for occupations

The 2018 Standard Occupational Classification (SOC) system is used by federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, and disseminating data. All workers are classified into one of 867 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 98 minor groups, and 459 broad occupations. Each broad occupation includes detailed occupation(s) requiring similar job duties, skills, education, or experience. Because employment security agencies throughout the country use the SOC structure, data consumers enjoy these benefits:

## Comparability of wage data across the private, public and military sectors

Previously, federal statistical agencies used different occupational classification systems, making it difficult to compare data across agencies.

## Easy identification of occupations based on a more logical organizational structure

The occupations are grouped into 23 major categories according to work performed and required skills, education and training. The SOC code classifying the occupations is six digits in length. The first two digits indicate the major occupational category in which the occupation belongs. The remaining digits represent further aggregations of occupations.

## Occupations that reflect the current labor market

Examples include biomedical engineers, environmental engineers, multi-media artists and animators, graphic artists, commercial and industrial designers, training and development specialists, and fitness and aerobic instructors.

## Earnings in detailed service and professional occupations

For example, instead of accessing data for only social workers, customers will find data for child, family, and school social workers as well as medical and public health social workers.

## When and how data are collected

Data comprising the OEWS report comes from a semiannual mail survey that measures occupational employment and wage rates for hourly and salary workers in nonfarm establishments in the United States. OEWS estimates in Illinois are constructed from a sample of responses from establishments covered by Unemployment Insurance. Surveys are mailed to these establishments in May and November of each year for a 3-year period. The OEWS program uses the U.S. Bureau of Labor Statistics' (BLS) Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division. The procedure assumes that there are no major differences by geography, industry, or detailed occupation within the occupational division. Wage data in this report have been adjusted to the ECI factors of the first quarter of 2022. The updated data contained in this report are not official BLS data series and the BLS has not validated them.

## Accessing state and local data online

Wage data for Illinois, its metropolitan areas, and other sub-state areas are available on the Illinois Department of Employment Security's website, which can be accessed here: https://ides.illinois.gov/ resources/labor-market-information/oews.html. This page will give you access to a complete list of occupational wages. In addition, IDES offers all Illinois residents a variety of comprehensive, free-of-charge career exploration tools to help learn about the world of work, choose a career path, and explore education and training. Visit our Career Information System at https://ides.illinois.gov/resources/labor-market-information/cis.html.

## New estimation methodology

Beginning with May 2021 estimates, the OEWS program has implemented a new estimation method. This new model-based method, called MB3, has advantages over the previous estimation method, as described in the Monthly Labor Review article at www.bls.gov/opub/mlr/2019/article/model-based-estimates-for-the-occupational-employment-statistics-program.htm. For more information, see the May 2021 Survey Methods and Reliability Statement at www.bls.gov/oes/methods_21.pdf.

| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 00-0000 | Total all occupations | \$15.29 | \$31,809 | \$23.60 | \$49,108 | \$40.04 | \$83,282 |
| 11-0000 | Management Occupations | \$29.47 | \$61,301 | \$51.78 | \$107,694 | \$79.65 | \$165,675 |
| 11-1011 | Chief Executives | \$55.17 | \$114,769 | \$108.06 | \$224,764 | \$169.93 | \$353,445 |
| 11-1021 | General and Operations Managers | \$24.93 | \$51,849 | \$47.71 | \$99,232 | \$79.11 | \$164,547 |
| 11-1031 | Legislators | N/A | \$26,341 | N/A | \$51,530 | N/A | \$88,040 |
| 11-2011 | Advertising and Promotions Managers | \$29.68 | \$61,722 | \$52.95 | \$110,147 | \$78.25 | \$162,765 |
| 11-2021 | Marketing Managers | \$39.57 | \$82,297 | \$63.74 | \$132,589 | \$84.59 | \$175,945 |
| 11-2022 | Sales Managers | \$39.47 | \$82,088 | \$64.64 | \$134,450 | \$91.40 | \$190,109 |
| 11-2032 | Public Relations Managers | \$36.51 | \$75,949 | \$61.58 | \$128,088 | \$82.47 | \$171,525 |
| 11-2033 | Fundraising Managers | \$30.43 | \$63,305 | \$47.26 | \$98,295 | \$60.32 | \$125,470 |
| 11-3012 | Administrative Services Managers | \$33.95 | \$70,610 | \$50.39 | \$104,823 | \$67.83 | \$141,092 |
| 11-3013 | Facilities Managers | \$32.77 | \$68,159 | \$48.55 | \$100,980 | \$57.85 | \$120,325 |
| 11-3021 | Computer and Information Systems Managers | \$51.24 | \$106,568 | \$78.01 | \$162,259 | \$94.00 | \$195,513 |
| 11-3031 | Financial Managers | \$42.25 | \$87,879 | \$64.93 | \$135,058 | \$92.92 | \$193,277 |
| 11-3051 | Industrial Production Managers | \$41.27 | \$85,846 | \$54.28 | \$112,888 | \$69.33 | \$144,203 |
| 11-3061 | Purchasing Managers | \$47.40 | \$98,597 | \$64.83 | \$134,851 | \$83.73 | \$174,158 |
| 11-3071 | Transportation, Storage, and Distribution Managers | \$31.06 | \$64,623 | \$49.13 | \$102,186 | \$65.15 | \$135,512 |
| 11-3111 | Compensation and Benefits Managers | \$39.43 | \$82,012 | \$58.51 | \$121,703 | \$77.17 | \$160,511 |
| 11-3121 | Human Resources Managers | \$42.07 | \$87,511 | \$62.93 | \$130,874 | \$82.83 | \$172,297 |
| 11-3131 | Training and Development Managers | \$38.58 | \$80,250 | \$61.37 | \$127,658 | \$78.82 | \$163,963 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | \$31.20 | \$64,894 | \$46.61 | \$96,953 | \$52.37 | \$108,935 |
| 11-9021 | Construction Managers | \$35.05 | \$72,907 | \$50.91 | \$105,888 | \$65.33 | \$135,900 |
| 11-9031 | Education and Childcare Administrators, Preschool and Daycare | \$19.23 | \$40,014 | \$23.72 | \$49,335 | \$28.93 | \$60,188 |
| 11-9032 | Education Administrators, Kindergarten through Secondary | N/A | \$71,346 | N/A | \$104,261 | N/A | \$126,833 |
| 11-9033 | Education Administrators, Postsecondary | \$28.62 | \$59,522 | \$38.71 | \$80,515 | \$53.76 | \$111,804 |
| 11-9039 | Education Administrators, All Other | \$23.35 | \$48,571 | \$44.12 | \$91,765 | \$56.88 | \$118,314 |
| 11-9041 | Architectural and Engineering Managers | \$56.03 | \$116,542 | \$75.75 | \$157,577 | \$89.05 | \$185,224 |
| 11-9051 | Food Service Managers | \$19.19 | \$39,930 | \$28.06 | \$58,355 | \$37.79 | \$78,598 |
| 11-9071 | Gambling Managers | \$26.30 | \$54,701 | \$29.53 | \$61,434 | \$42.87 | \$89,181 |
| 11-9072 | Entertainment and Recreation Managers, Except Gambling | \$19.69 | \$40,962 | \$28.66 | \$59,615 | \$38.68 | \$80,456 |
| 11-9081 | Lodging Managers | \$19.80 | \$41,180 | \$29.47 | \$61,297 | \$39.38 | \$81,896 |
| 11-9111 | Medical and Health Services Managers | \$37.29 | \$77,554 | \$51.94 | \$108,046 | \$77.46 | \$161,112 |
| 11-9121 | Natural Sciences Managers | \$35.49 | \$73,824 | \$60.14 | \$125,093 | \$79.11 | \$164,539 |
| 11-9131 | Postmasters and Mail Superintendents | \$36.86 | \$76,663 | \$40.58 | \$84,406 | \$43.17 | \$89,801 |
| 11-9141 | Property, Real Estate, and Community Association Managers | \$18.51 | \$38,497 | \$30.27 | \$62,958 | \$41.43 | \$86,172 |
| 11-9151 | Social and Community Service Managers | \$24.24 | \$50,416 | \$35.30 | \$73,417 | \$44.03 | \$91,572 |
| 11-9161 | Emergency Management Directors | \$35.51 | \$73,855 | \$49.78 | \$103,534 | \$60.23 | \$125,277 |
| 11-9171 | Funeral Home Managers | \$25.15 | \$52,309 | \$32.17 | \$66,899 | \$45.64 | \$94,936 |
| 11-9179 | Personal Service Managers, All Other | \$16.95 | \$35,246 | \$27.50 | \$57,201 | \$35.73 | \$74,310 |
| 11-9199 | Managers, All Other | \$37.26 | \$77,483 | \$61.21 | \$127,324 | \$79.54 | \$165,444 |
| 13-0000 | Business and Financial Operations Occupations | \$23.79 | \$49,499 | \$38.01 | \$79,068 | \$53.44 | \$111,165 |
| 13-1011 | Agents and Business Managers of Artists, Performers, and Athletes | \$37.10 | \$77,163 | \$51.47 | \$107,067 | \$66.41 | \$138,145 |
| 13-1020 | Buyers and Purchasing Agents | \$23.84 | \$49,587 | \$35.07 | \$72,958 | \$44.07 | \$91,669 |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | \$23.98 | \$49,863 | \$31.33 | \$65,176 | \$41.24 | \$85,791 |
| 13-1032 | Insurance Appraisers, Auto Damage | \$22.47 | \$46,733 | \$28.24 | \$58,747 | \$32.76 | \$68,129 |
| 13-1041 | Compliance Officers | \$24.54 | \$51,029 | \$38.97 | \$81,053 | \$52.89 | \$110,012 |
| 13-1051 | Cost Estimators | \$24.77 | \$51,535 | \$38.99 | \$81,091 | \$48.07 | \$99,978 |
| 13-1071 | Human Resources Specialists | \$21.84 | \$45,417 | \$30.99 | \$64,474 | \$40.15 | \$83,526 |
| 13-1075 | Labor Relations Specialists | \$22.78 | \$47,390 | \$38.65 | \$80,405 | \$49.17 | \$102,274 |
| 13-1081 | Logisticians | \$21.19 | \$44,082 | \$31.88 | \$66,318 | \$41.75 | \$86,849 |
| 13-1082 | Project Management Specialists | \$28.93 | \$60,188 | \$46.58 | \$96,881 | \$58.50 | \$121,668 |
| 13-1111 | Management Analysts | \$32.71 | \$68,024 | \$50.17 | \$104,344 | \$69.44 | \$144,444 |
| 13-1121 | Meeting, Convention, and Event Planners | \$18.59 | \$38,674 | \$24.99 | \$51,981 | \$33.20 | \$69,053 |
| 13-1131 | Fundraisers | \$18.97 | \$39,463 | \$28.65 | \$59,595 | \$35.69 | \$74,252 |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | \$25.41 | \$52,869 | \$35.56 | \$73,973 | \$45.50 | \$94,626 |
| 13-1151 | Training and Development Specialists | \$21.52 | \$44,756 | \$32.23 | \$67,038 | \$41.75 | \$86,852 |
| 13-1161 | Market Research Analysts and Marketing Specialists | \$21.73 | \$45,196 | \$33.75 | \$70,188 | \$44.47 | \$92,490 |
| 13-1199 | Business Operations Specialists, All Other | \$21.71 | \$45,164 | \$37.21 | \$77,396 | \$48.04 | \$99,914 |
| 13-2011 | Accountants and Auditors | \$25.72 | \$53,492 | \$37.16 | \$77,305 | \$48.93 | \$101,775 |
| 13-2020 | Property Appraisers and Assessors | N/A | N/A | N/A | N/A | N/A | N/A |
| 13-2031 | Budget Analysts | \$29.36 | \$61,070 | \$41.33 | \$85,980 | \$48.08 | \$100,005 |
| 13-2041 | Credit Analysts | \$28.04 | \$58,308 | \$39.54 | \$82,253 | \$56.64 | \$117,817 |
| 13-2051 | Financial and Investment Analysts | \$30.91 | \$64,302 | \$46.16 | \$96,005 | \$67.65 | \$140,712 |
| 13-2052 | Personal Financial Advisors | \$24.77 | \$51,521 | \$40.12 | \$83,456 | \$85.14 | \$177,075 |
| 13-2053 | Insurance Underwriters | \$22.46 | \$46,708 | \$32.33 | \$67,253 | \$46.62 | \$96,963 |
| 13-2054 | Financial Risk Specialists | \$30.95 | \$64,377 | \$43.73 | \$90,965 | \$59.50 | \$123,749 |
| 13-2061 | Financial Examiners | \$30.37 | \$63,182 | \$37.84 | \$78,699 | \$52.63 | \$109,472 |
| 13-2071 | Credit Counselors | \$15.89 | \$33,053 | \$19.23 | \$40,004 | \$23.64 | \$49,165 |
| 13-2072 | Loan Officers | \$20.32 | \$42,246 | \$37.26 | \$77,500 | \$54.17 | \$112,679 |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | \$24.70 | \$51,374 | \$35.77 | \$74,394 | \$47.38 | \$98,551 |
| 13-2082 | Tax Preparers | \$15.93 | \$33,128 | \$22.12 | \$46,010 | \$30.98 | \$64,454 |
| 13-2099 | Financial Specialists, All Other | \$23.90 | \$49,704 | \$40.16 | \$83,547 | \$57.93 | \$120,489 |
| 15-0000 | Computer and Mathematical Occupations | \$28.11 | \$58,469 | \$48.32 | \$100,503 | \$61.28 | \$127,465 |
| 15-1211 | Computer Systems Analysts | \$32.73 | \$68,074 | \$49.45 | \$102,860 | \$58.79 | \$122,280 |
| 15-1212 | Information Security Analysts | \$36.13 | \$75,134 | \$54.18 | \$112,681 | \$67.35 | \$140,093 |
| 15-1221 | Computer and Information Research Scientists | \$41.23 | \$85,753 | \$57.08 | \$118,725 | \$64.23 | \$133,586 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 15-1231 | Computer Network Support Specialists | \$23.00 | \$47,839 | \$33.95 | \$70,599 | \$49.51 | \$102,995 |
| 15-1232 | Computer User Support Specialists | \$19.56 | \$40,685 | \$27.93 | \$58,103 | \$35.02 | \$72,839 |
| 15-1241 | Computer Network Architects | \$42.37 | \$88,135 | \$64.30 | \$133,739 | \$74.39 | \$154,742 |
| 15-1242 | Database Administrators | \$29.98 | \$62,367 | \$49.18 | \$102,288 | \$66.83 | \$139,023 |
| 15-1243 | Database Architects | \$44.37 | \$92,304 | \$66.32 | \$137,946 | \$76.75 | \$159,652 |
| 15-1244 | Network and Computer Systems Administrators | \$30.21 | \$62,831 | \$42.72 | \$88,862 | \$53.72 | \$111,738 |
| 15-1251 | Computer Programmers | \$26.85 | \$55,848 | \$40.91 | \$85,100 | \$49.98 | \$103,968 |
| 15-1252 | Software Developers | \$37.90 | \$78,835 | \$59.15 | \$123,023 | \$71.05 | \$147,789 |
| 15-1253 | Software Quality Assurance Analysts and Testers | \$30.71 | \$63,861 | \$45.72 | \$95,110 | \$55.54 | \$115,522 |
| 15-1254 | Web Developers | \$30.26 | \$62,944 | \$41.18 | \$85,665 | \$50.00 | \$103,993 |
| 15-1255 | Web and Digital Interface Designers | \$18.97 | \$39,466 | \$30.69 | \$63,822 | \$44.12 | \$91,786 |
| 15-1299 | Computer Occupations, All Other | \$28.78 | \$59,849 | \$45.42 | \$94,468 | \$57.48 | \$119,550 |
| 15-2011 | Actuaries | \$39.21 | \$81,560 | \$53.62 | \$111,533 | \$78.56 | \$163,393 |
| 15-2021 | Mathematicians | \$39.69 | \$82,546 | \$47.99 | \$99,809 | \$53.12 | \$110,482 |
| 15-2031 | Operations Research Analysts | \$33.78 | \$70,271 | \$50.48 | \$104,992 | \$57.60 | \$119,815 |
| 15-2041 | Statisticians | \$36.56 | \$76,055 | \$49.76 | \$103,499 | \$60.77 | \$126,402 |
| 15-2051 | Data Scientists | \$34.34 | \$71,439 | \$51.79 | \$107,721 | \$65.11 | \$135,426 |
| 15-2099 | Mathematical Science Occupations, All Other | \$23.35 | \$48,587 | \$38.28 | \$79,620 | \$47.88 | \$99,593 |
| 17-0000 | Architecture and Engineering Occupations | \$28.65 | \$59,594 | \$41.49 | \$86,280 | \$53.75 | \$111,798 |
| 17-1011 | Architects, Except Landscape and Naval | \$30.01 | \$62,416 | \$40.72 | \$84,686 | \$53.88 | \$112,079 |
| 17-1012 | Landscape Architects | \$16.73 | \$34,791 | \$24.93 | \$51,861 | \$36.18 | \$75,246 |
| 17-1021 | Cartographers and Photogrammetrists | \$24.80 | \$51,573 | \$36.58 | \$76,094 | \$42.49 | \$88,385 |
| 17-1022 | Surveyors | \$24.06 | \$50,039 | \$35.61 | \$74,068 | \$47.39 | \$98,590 |
| 17-2011 | Aerospace Engineers | \$35.90 | \$74,671 | \$49.30 | \$102,544 | \$62.79 | \$130,603 |
| 17-2021 | Agricultural Engineers | \$36.35 | \$75,600 | \$51.51 | \$107,133 | \$53.65 | \$111,585 |
| 17-2031 | Bioengineers and Biomedical Engineers | \$35.01 | \$72,815 | \$51.37 | \$106,843 | \$61.43 | \$127,773 |
| 17-2041 | Chemical Engineers | \$36.67 | \$76,270 | \$54.99 | \$114,368 | \$65.26 | \$135,727 |
| 17-2051 | Civil Engineers | \$33.72 | \$70,142 | \$47.73 | \$99,278 | \$55.74 | \$115,938 |
| 17-2061 | Computer Hardware Engineers | \$39.55 | \$82,276 | \$59.52 | \$123,819 | \$69.16 | \$143,843 |
| 17-2071 | Electrical Engineers | \$34.68 | \$72,146 | \$48.42 | \$100,718 | \$58.45 | \$121,585 |
| 17-2072 | Electronics Engineers, Except Computer | \$36.06 | \$75,005 | \$53.29 | \$110,855 | \$66.29 | \$137,895 |
| 17-2081 | Environmental Engineers | \$30.09 | \$62,587 | \$54.16 | \$112,669 | \$58.95 | \$122,627 |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | \$34.77 | \$72,314 | \$54.12 | \$112,577 | \$62.31 | \$129,591 |
| 17-2112 | Industrial Engineers | \$34.16 | \$71,062 | \$48.88 | \$101,673 | \$56.64 | \$117,793 |
| 17-2131 | Materials Engineers | \$27.37 | \$56,932 | \$42.83 | \$89,074 | \$53.91 | \$112,123 |
| 17-2141 | Mechanical Engineers | \$32.25 | \$67,079 | \$47.34 | \$98,469 | \$57.63 | \$119,878 |
| 17-2151 | Mining and Geological Engineers, Including Mining Safety Engineers | \$30.25 | \$62,912 | \$39.25 | \$81,646 | \$49.21 | \$102,349 |
| 17-2161 | Nuclear Engineers | \$47.87 | \$99,569 | \$62.22 | \$129,433 | \$69.53 | \$144,640 |
| 17-2171 | Petroleum Engineers | \$30.73 | \$63,923 | \$62.51 | \$130,019 | \$74.84 | \$155,673 |
| 17-2199 | Engineers, All Other | \$32.41 | \$67,421 | \$50.46 | \$104,954 | \$62.04 | \$129,031 |
| 17-3011 | Architectural and Civil Drafters | \$21.57 | \$44,872 | \$29.90 | \$62,194 | \$36.26 | \$75,436 |
| 17-3012 | Electrical and Electronics Drafters | \$24.46 | \$50,859 | \$33.17 | \$68,997 | \$39.38 | \$81,915 |
| 17-3013 | Mechanical Drafters | \$20.21 | \$42,037 | \$31.94 | \$66,448 | \$38.25 | \$79,561 |
| 17-3019 | Drafters, All Other | \$21.49 | \$44,692 | \$29.17 | \$60,675 | \$34.55 | \$71,859 |
| 17-3022 | Civil Engineering Technologists and Technicians | \$21.61 | \$44,951 | \$33.06 | \$68,772 | \$39.25 | \$81,643 |
| 17-3023 | Electrical and Electronic Engineering Technologists and Technicians | \$23.72 | \$49,325 | \$32.96 | \$68,558 | \$39.46 | \$82,076 |
| 17-3024 | Electro-Mechanical and Mechatronics Technologists and Technicians | \$31.62 | \$65,769 | \$54.03 | \$112,388 | N/A | N/A |
| 17-3025 | Environmental Engineering Technologists and Technicians | \$19.99 | \$41,586 | \$30.32 | \$63,078 | \$37.46 | \$77,910 |
| 17-3026 | Industrial Engineering Technologists and Technicians | \$24.17 | \$50,289 | \$30.85 | \$64,181 | \$37.53 | \$78,053 |
| 17-3027 | Mechanical Engineering Technologists and Technicians | \$25.67 | \$53,387 | \$33.46 | \$69,600 | \$38.94 | \$80,999 |
| 17-3028 | Calibration Technologists and Technicians | \$27.59 | \$57,397 | \$41.54 | \$86,406 | \$47.04 | \$97,850 |
| 17-3029 | Engineering Technologists and Technicians, Except Drafters, All Other | \$24.22 | \$50,378 | \$34.00 | \$70,711 | \$40.77 | \$84,807 |
| 17-3031 | Surveying and Mapping Technicians | \$19.44 | \$40,441 | \$28.93 | \$60,182 | \$31.99 | \$66,545 |
| 19-0000 | Life, Physical, and Social Science Occupations | \$23.28 | \$48,434 | \$38.05 | \$79,147 | \$54.01 | \$112,338 |
| 19-1011 | Animal Scientists | \$21.80 | \$45,339 | \$31.31 | \$65,118 | \$37.13 | \$77,239 |
| 19-1012 | Food Scientists and Technologists | \$30.40 | \$63,226 | \$41.59 | \$86,513 | \$53.75 | \$111,803 |
| 19-1013 | Soil and Plant Scientists | \$22.58 | \$46,950 | \$33.05 | \$68,760 | \$43.23 | \$89,927 |
| 19-1021 | Biochemists and Biophysicists | \$25.41 | \$52,845 | \$41.04 | \$85,357 | \$45.54 | \$94,708 |
| 19-1022 | Microbiologists | \$24.12 | \$50,183 | \$31.72 | \$65,976 | \$39.86 | \$82,890 |
| 19-1023 | Zoologists and Wildlife Biologists | \$24.39 | \$50,745 | \$33.49 | \$69,653 | \$38.76 | \$80,623 |
| 19-1029 | Biological Scientists, All Other | \$27.40 | \$56,997 | \$40.42 | \$84,066 | \$48.95 | \$101,821 |
| 19-1031 | Conservation Scientists | \$21.20 | \$44,115 | \$32.71 | \$68,046 | \$42.04 | \$87,444 |
| 19-1032 | Foresters | \$30.16 | \$62,735 | \$41.06 | \$85,408 | \$47.65 | \$99,128 |
| 19-1041 | Epidemiologists | \$29.75 | \$61,879 | \$42.35 | \$88,093 | \$52.51 | \$109,225 |
| 19-1042 | Medical Scientists, Except Epidemiologists | \$28.37 | \$59,006 | \$41.17 | \$85,645 | \$58.54 | \$121,764 |
| 19-1099 | Life Scientists, All Other | \$29.43 | \$61,217 | \$62.17 | \$129,315 | \$62.54 | \$130,095 |
| 19-2012 | Physicists | \$44.77 | \$93,113 | \$69.21 | \$143,951 | \$84.13 | \$174,995 |
| 19-2021 | Atmospheric and Space Scientists | \$21.92 | \$45,602 | \$37.97 | \$78,968 | \$45.91 | \$95,485 |
| 19-2031 | Chemists | \$27.92 | \$58,075 | \$38.26 | \$79,581 | \$46.18 | \$96,052 |
| 19-2032 | Materials Scientists | \$40.46 | \$84,152 | \$53.98 | \$112,272 | \$62.93 | \$130,895 |
| 19-2041 | Environmental Scientists and Specialists, Including Health | \$24.94 | \$51,891 | \$33.46 | \$69,602 | \$46.32 | \$96,349 |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | \$28.24 | \$58,720 | \$41.05 | \$85,390 | \$51.92 | \$107,997 |
| 19-2043 | Hydrologists | N/A | N/A | N/A | N/A | N/A | N/A |
| 19-2099 | Physical Scientists, All Other | \$30.74 | \$63,924 | \$48.45 | \$100,783 | \$63.28 | \$131,630 |
| 19-3011 | Economists | \$40.86 | \$85,000 | \$67.26 | \$139,905 | \$85.50 | \$177,847 |
| 19-3022 | Survey Researchers | \$25.96 | \$54,001 | \$32.94 | \$68,506 | \$53.73 | \$111,766 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 19-3033 | Clinical and Counseling Psychologists | \$20.24 | \$42,102 | \$39.51 | \$82,183 | \$66.56 | \$138,447 |
| 19-3034 | School Psychologists | \$25.50 | \$53,058 | \$36.91 | \$76,765 | \$44.29 | \$92,121 |
| 19-3039 | Psychologists, All Other | \$31.57 | \$65,658 | \$53.13 | \$110,507 | \$59.89 | \$124,558 |
| 19-3041 | Sociologists | \$34.89 | \$72,576 | \$53.16 | \$110,571 | \$69.02 | \$143,565 |
| 19-3051 | Urban and Regional Planners | \$27.25 | \$56,670 | \$41.54 | \$86,405 | \$48.74 | \$101,396 |
| 19-3091 | Anthropologists and Archeologists | \$19.22 | \$39,980 | \$24.82 | \$51,630 | \$31.14 | \$64,781 |
| 19-3092 | Geographers | \$28.24 | \$58,736 | \$42.97 | \$89,378 | \$49.42 | \$102,798 |
| 19-3093 | Historians | \$23.55 | \$48,993 | \$45.73 | \$95,124 | \$52.66 | \$109,540 |
| 19-3094 | Political Scientists | \$36.40 | \$75,704 | \$41.76 | \$86,850 | \$51.13 | \$106,347 |
| 19-3099 | Social Scientists and Related Workers, All Other | \$30.91 | \$64,299 | \$41.87 | \$87,089 | \$47.73 | \$99,282 |
| 19-4012 | Agricultural Technicians | \$14.62 | \$30,415 | \$19.23 | \$39,995 | \$23.93 | \$49,769 |
| 19-4013 | Food Science Technicians | \$22.28 | \$46,343 | \$25.15 | \$52,309 | \$29.34 | \$61,021 |
| 19-4021 | Biological Technicians | \$17.71 | \$36,837 | \$23.36 | \$48,603 | \$31.22 | \$64,921 |
| 19-4031 | Chemical Technicians | \$20.80 | \$43,255 | \$26.19 | \$54,468 | \$32.58 | \$67,762 |
| 19-4042 | Environmental Science and Protection Technicians, Including Health | \$17.03 | \$35,431 | \$24.52 | \$50,997 | \$34.05 | \$70,833 |
| 19-4043 | Geological Technicians, Except Hydrologic Technicians | \$20.82 | \$43,312 | \$25.21 | \$52,450 | \$31.93 | \$66,409 |
| 19-4044 | Hydrologic Technicians | \$20.10 | \$41,819 | \$26.48 | \$55,079 | \$32.28 | \$67,143 |
| 19-4061 | Social Science Research Assistants | \$16.43 | \$34,173 | \$30.38 | \$63,195 | \$34.61 | \$71,984 |
| 19-4071 | Forest and Conservation Technicians | \$19.89 | \$41,364 | \$27.41 | \$57,023 | \$31.50 | \$65,501 |
| 19-4092 | Forensic Science Technicians | \$32.19 | \$66,958 | \$53.68 | \$111,647 | N/A | N/A |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | \$16.86 | \$35,085 | \$25.34 | \$52,713 | \$32.17 | \$66,917 |
| 19-5011 | Occupational Health and Safety Specialists | N/A | N/A | N/A | N/A | N/A | N/A |
| 19-5012 | Occupational Health and Safety Technicians | \$25.06 | \$52,129 | \$32.96 | \$68,547 | \$39.70 | \$82,585 |
| 21-0000 | Community and Social Service Occupations | \$17.95 | \$37,341 | \$24.09 | \$50,116 | \$32.06 | \$66,675 |
| 21-1012 | Educational, Guidance, and Career Counselors and Advisors | \$20.33 | \$42,301 | \$26.14 | \$54,356 | \$35.25 | \$73,334 |
| 21-1013 | Marriage and Family Therapists | \$17.54 | \$36,484 | \$23.49 | \$48,868 | \$29.17 | \$60,667 |
| 21-1015 | Rehabilitation Counselors | \$16.03 | \$33,349 | \$22.16 | \$46,102 | \$28.09 | \$58,423 |
| 21-1018 | Substance abuse, behavioral disorder, and mental health counselors | \$18.57 | \$38,616 | \$23.81 | \$49,530 | \$31.79 | \$66,105 |
| 21-1019 | Counselors, All Other | \$18.18 | \$37,822 | \$23.12 | \$48,084 | \$28.27 | \$58,790 |
| 21-1021 | Child, Family, and School Social Workers | \$20.10 | \$41,808 | \$28.46 | \$59,197 | \$35.44 | \$73,709 |
| 21-1022 | Healthcare Social Workers | \$20.35 | \$42,339 | \$30.00 | \$62,391 | \$34.03 | \$70,786 |
| 21-1023 | Mental Health and Substance Abuse Social Workers | \$17.91 | \$37,262 | \$23.27 | \$48,397 | \$32.14 | \$66,840 |
| 21-1029 | Social Workers, All Other | \$19.54 | \$40,661 | \$33.26 | \$69,178 | \$39.38 | \$81,898 |
| 21-1091 | Health Education Specialists | \$18.66 | \$38,818 | \$24.32 | \$50,597 | \$35.31 | \$73,442 |
| 21-1092 | Probation Officers and Correctional Treatment Specialists | \$23.59 | \$49,065 | \$32.00 | \$66,561 | \$37.97 | \$78,969 |
| 21-1093 | Social and Human Service Assistants | \$16.38 | \$34,054 | \$20.76 | \$43,173 | \$25.54 | \$53,112 |
| 21-1094 | Community Health Workers | \$16.65 | \$34,620 | \$21.23 | \$44,149 | \$25.08 | \$52,156 |
| 21-1099 | Community and Social Service Specialists, All Other | \$15.63 | \$32,498 | \$19.15 | \$39,839 | \$25.13 | \$52,268 |
| 21-2011 | Clergy | \$16.16 | \$33,606 | \$25.29 | \$52,598 | \$30.15 | \$62,693 |
| 21-2021 | Directors, Religious Activities and Education | \$14.61 | \$30,391 | \$21.64 | \$45,013 | \$29.37 | \$61,093 |
| 21-2099 | Religious Workers, All Other | \$15.30 | \$31,820 | \$18.89 | \$39,296 | \$25.18 | \$52,383 |
| 23-0000 | Legal Occupations | \$25.97 | \$54,027 | \$48.45 | \$100,783 | \$80.84 | \$168,145 |
| 23-1011 | Lawyers | \$37.66 | \$78,345 | \$66.62 | \$138,567 | \$99.51 | \$206,987 |
| 23-1012 | Judicial Law Clerks | \$24.64 | \$51,263 | \$46.80 | \$97,349 | \$48.61 | \$101,106 |
| 23-1021 | Administrative Law Judges, Adjudicators, and Hearing Officers | \$26.35 | \$54,803 | \$44.04 | \$91,604 | \$53.28 | \$110,817 |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | \$96.31 | \$200,342 | \$107.98 | \$224,591 | N/A | N/A |
| 23-2011 | Paralegals and Legal Assistants | \$20.87 | \$43,408 | \$30.14 | \$62,690 | \$37.19 | \$77,347 |
| 23-2093 | Title Examiners, Abstractors, and Searchers | \$17.60 | \$36,605 | \$24.31 | \$50,573 | \$29.12 | \$60,556 |
| 23-2099 | Legal Support Workers, All Other | \$21.42 | \$44,563 | \$27.05 | \$56,261 | \$35.13 | \$73,067 |
| 25-0000 | Educational Instruction and Library Occupations | \$16.29 | \$33,896 | \$26.70 | \$55,533 | \$37.08 | \$77,142 |
| 25-1011 | Business Teachers, Postsecondary | N/A | \$54,253 | N/A | \$84,372 | N/A | \$133,404 |
| 25-1021 | Computer Science Teachers, Postsecondary | N/A | \$59,496 | N/A | \$106,606 | N/A | \$131,006 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | N/A | \$53,905 | N/A | \$79,804 | N/A | \$96,888 |
| 25-1031 | Architecture Teachers, Postsecondary | N/A | \$58,214 | N/A | \$87,981 | N/A | \$118,483 |
| 25-1032 | Engineering Teachers, Postsecondary | N/A | \$72,294 | N/A | \$121,425 | N/A | \$162,588 |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | N/A | \$63,321 | N/A | \$87,177 | N/A | \$116,952 |
| 25-1042 | Biological Science Teachers, Postsecondary | N/A | \$54,738 | N/A | \$82,695 | N/A | \$105,956 |
| 25-1043 | Forestry and Conservation Science Teachers, Postsecondary | N/A | \$67,523 | N/A | \$84,822 | N/A | \$103,489 |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | N/A | \$59,705 | N/A | \$68,248 | N/A | \$91,621 |
| 25-1052 | Chemistry Teachers, Postsecondary | N/A | \$56,493 | N/A | \$82,375 | N/A | \$104,837 |
| 25-1053 | Environmental Science Teachers, Postsecondary | N/A | \$57,695 | N/A | \$86,325 | N/A | \$109,417 |
| 25-1054 | Physics Teachers, Postsecondary | N/A | \$54,129 | N/A | \$80,757 | N/A | \$106,801 |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary | N/A | \$52,072 | N/A | \$86,891 | N/A | \$99,822 |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | N/A | \$49,158 | N/A | \$95,960 | N/A | \$112,980 |
| 25-1063 | Economics Teachers, Postsecondary | N/A | \$59,982 | N/A | \$110,441 | N/A | \$143,771 |
| 25-1064 | Geography Teachers, Postsecondary | N/A | \$53,778 | N/A | \$79,454 | N/A | \$92,392 |
| 25-1065 | Political Science Teachers, Postsecondary | N/A | \$58,965 | N/A | \$84,411 | N/A | \$109,156 |
| 25-1066 | Psychology Teachers, Postsecondary | N/A | \$52,341 | N/A | \$81,751 | N/A | \$103,213 |
| 25-1067 | Sociology Teachers, Postsecondary | N/A | \$52,110 | N/A | \$81,549 | N/A | \$106,401 |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | N/A | \$41,699 | N/A | \$64,232 | N/A | \$89,870 |
| 25-1071 | Health Specialties Teachers, Postsecondary | N/A | \$47,136 | N/A | \$68,397 | N/A | \$117,914 |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | N/A | \$53,166 | N/A | \$81,399 | N/A | \$92,771 |
| 25-1081 | Education Teachers, Postsecondary | N/A | \$40,429 | N/A | \$64,246 | N/A | \$85,694 |
| 25-1082 | Library Science Teachers, Postsecondary | N/A | \$59,510 | N/A | \$84,775 | N/A | \$101,468 |
| 25-1111 | Criminal Justice and Law Enforcement Teachers, Postsecondary | N/A | \$43,415 | N/A | \$65,453 | N/A | \$79,311 |
| 25-1112 | Law Teachers, Postsecondary | N/A | \$49,029 | N/A | \$101,893 | N/A | \$161,734 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 25-1113 | Social Work Teachers, Postsecondary | N/A | \$44,222 | N/A | \$60,110 | N/A | \$73,360 |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | N/A | \$47,624 | N/A | \$79,785 | N/A | \$103,970 |
| 25-1122 | Communications Teachers, Postsecondary | N/A | \$50,285 | N/A | \$74,153 | N/A | \$88,373 |
| 25-1123 | English Language and Literature Teachers, Postsecondary | N/A | \$45,926 | N/A | \$67,645 | N/A | \$86,972 |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | N/A | \$54,970 | N/A | \$82,325 | N/A | \$95,392 |
| 25-1125 | History Teachers, Postsecondary | N/A | \$57,851 | N/A | \$83,195 | N/A | \$98,633 |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | N/A | \$58,417 | N/A | \$84,031 | N/A | \$94,226 |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | N/A | \$43,678 | N/A | \$70,778 | N/A | \$91,052 |
| 25-1194 | Career/Technical Education Teachers, Postsecondary | \$19.10 | \$39,713 | \$25.58 | \$53,204 | \$35.90 | \$74,668 |
| 25-1199 | Postsecondary Teachers, All Other | N/A | \$48,300 | N/A | \$66,577 | N/A | \$95,048 |
| 25-2011 | Preschool Teachers, Except Special Education | \$14.37 | \$29,901 | \$17.67 | \$36,756 | \$20.87 | \$43,425 |
| 25-2012 | Kindergarten Teachers, Except Special Education | N/A | \$48,866 | N/A | \$64,412 | N/A | \$82,053 |
| 25-2021 | Elementary School Teachers, Except Special Education | N/A | \$46,910 | N/A | \$64,582 | N/A | \$82,212 |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | N/A | \$47,423 | N/A | \$64,200 | N/A | \$81,464 |
| 25-2023 | Career/Technical Education Teachers, Middle School | N/A | \$57,987 | N/A | \$84,340 | N/A | \$100,085 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | N/A | \$49,388 | N/A | \$65,471 | N/A | \$88,206 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | N/A | \$48,929 | N/A | \$65,678 | N/A | \$86,984 |
| 25-2051 | Special Education Teachers, Preschool | N/A | \$44,861 | N/A | \$64,874 | N/A | \$81,173 |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | N/A | \$52,163 | N/A | \$65,155 | N/A | \$86,489 |
| 25-2057 | Special Education Teachers, Middle School | N/A | \$48,629 | N/A | \$64,921 | N/A | \$81,133 |
| 25-2058 | Special Education Teachers, Secondary School | N/A | \$52,674 | N/A | \$73,623 | N/A | \$90,512 |
| 25-2059 | Special Education Teachers, All Other | N/A | \$44,232 | N/A | \$62,538 | N/A | \$71,217 |
| 25-3011 | Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors | \$17.88 | \$37,189 | \$24.21 | \$50,356 | \$31.89 | \$66,325 |
| 25-3021 | Self-Enrichment Teachers | \$14.67 | \$30,510 | \$22.79 | \$47,404 | \$29.29 | \$60,933 |
| 25-3031 | Substitute Teachers, Short-Term | \$14.11 | \$29,344 | \$18.28 | \$38,014 | \$25.01 | \$52,001 |
| 25-3041 | Tutors | \$13.95 | \$28,999 | \$18.15 | \$37,763 | \$23.73 | \$49,346 |
| 25-3099 | Teachers and Instructors, All Other | N/A | \$44,057 | N/A | \$65,482 | N/A | \$81,194 |
| 25-4011 | Archivists | \$21.44 | \$44,611 | \$30.37 | \$63,178 | \$36.15 | \$75,181 |
| 25-4012 | Curators | \$18.60 | \$38,685 | \$29.69 | \$61,763 | \$36.65 | \$76,226 |
| 25-4013 | Museum Technicians and Conservators | \$16.97 | \$35,287 | \$24.08 | \$50,081 | \$28.74 | \$59,789 |
| 25-4022 | Librarians and Media Collections Specialists | \$20.35 | \$42,331 | \$30.38 | \$63,202 | \$37.59 | \$78,189 |
| 25-4031 | Library Technicians | \$14.04 | \$29,211 | \$17.94 | \$37,322 | \$21.81 | \$45,358 |
| 25-9031 | Instructional Coordinators | \$23.62 | \$49,146 | \$32.33 | \$67,238 | \$45.33 | \$94,292 |
| 25-9044 | Teaching Assistants, Postsecondary | N/A | \$30,382 | N/A | \$32,833 | N/A | \$41,990 |
| 25-9045 | Teaching Assistants, Except Postsecondary | N/A | \$27,388 | N/A | \$31,044 | N/A | \$39,352 |
| 25-9099 | Educational Instruction and Library Workers, All Other | \$14.81 | \$30,795 | \$20.38 | \$42,390 | \$25.62 | \$53,281 |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media Occupations | \$16.54 | \$34,412 | \$26.44 | \$54,983 | \$45.10 | \$93,811 |
| 27-1011 | Art Directors | \$33.36 | \$69,394 | \$50.82 | \$105,704 | \$68.09 | \$141,630 |
| 27-1013 | Fine Artists, Including Painters, Sculptors, and Illustrators | \$26.22 | \$54,534 | \$36.72 | \$76,369 | \$43.10 | \$89,634 |
| 27-1014 | Special Effects Artists and Animators | \$26.24 | \$54,586 | \$38.32 | \$79,693 | \$47.05 | \$97,869 |
| 27-1019 | Artists and Related Workers, All Other | \$22.41 | \$46,622 | \$30.20 | \$62,816 | \$41.71 | \$86,766 |
| 27-1021 | Commercial and Industrial Designers | \$26.47 | \$55,063 | \$32.93 | \$68,498 | \$41.51 | \$86,339 |
| 27-1022 | Fashion Designers | N/A | N/A | N/A | N/A | N/A | N/A |
| 27-1023 | Floral Designers | \$13.54 | \$28,167 | \$14.96 | \$31,128 | \$18.41 | \$38,300 |
| 27-1024 | Graphic Designers | \$19.62 | \$40,807 | \$28.12 | \$58,497 | \$35.09 | \$72,992 |
| 27-1025 | Interior Designers | \$19.38 | \$40,304 | \$32.08 | \$66,723 | \$40.68 | \$84,597 |
| 27-1026 | Merchandise Displayers and Window Trimmers | \$15.51 | \$32,264 | \$18.94 | \$39,399 | \$22.93 | \$47,698 |
| 27-1027 | Set and Exhibit Designers | \$18.84 | \$39,180 | \$24.79 | \$51,565 | \$30.53 | \$63,494 |
| 27-1029 | Designers, All Other | \$18.55 | \$38,582 | \$33.50 | \$69,689 | \$45.64 | \$94,925 |
| 27-2011 | Actors | \$15.62 | N/A | \$19.96 | N/A | \$37.72 | N/A |
| 27-2012 | Producers and Directors | \$23.08 | \$48,011 | \$32.39 | \$67,358 | \$54.34 | \$113,021 |
| 27-2021 | Athletes and Sports Competitors | N/A | N/A | N/A | N/A | N/A | N/A |
| 27-2022 | Coaches and Scouts | N/A | \$28,643 | N/A | \$37,096 | N/A | \$61,820 |
| 27-2023 | Umpires, Referees, and Other Sports Officials | N/A | \$29,017 | N/A | \$37,564 | N/A | \$56,405 |
| 27-2031 | Dancers | \$16.22 | N/A | \$23.12 | N/A | \$27.56 | N/A |
| 27-2041 | Music Directors and Composers | \$17.79 | \$37,008 | \$23.88 | \$49,679 | \$34.49 | \$71,722 |
| 27-2042 | Musicians and Singers | \$16.51 | N/A | \$41.60 | N/A | \$80.03 | N/A |
| 27-2091 | Disc Jockeys, Except Radio | \$13.47 | N/A | \$18.11 | N/A | \$20.03 | N/A |
| 27-3011 | Broadcast Announcers and Radio Disc Jockeys | \$14.04 | \$29,203 | \$16.18 | \$33,657 | \$26.09 | \$54,267 |
| 27-3023 | News Analysts, Reporters, and Journalists | \$14.90 | \$30,990 | \$22.28 | \$46,353 | \$27.51 | \$57,214 |
| 27-3031 | Public Relations Specialists | \$23.47 | \$48,813 | \$34.57 | \$71,903 | \$46.75 | \$97,237 |
| 27-3041 | Editors | \$20.98 | \$43,639 | \$29.79 | \$61,968 | \$38.33 | \$79,731 |
| 27-3042 | Technical Writers | \$25.57 | \$53,178 | \$39.88 | \$82,944 | \$46.92 | \$97,591 |
| 27-3043 | Writers and Authors | \$22.43 | \$46,661 | \$35.20 | \$73,224 | \$45.00 | \$93,582 |
| 27-3091 | Interpreters and Translators | \$18.04 | \$37,518 | \$25.35 | \$52,724 | \$31.85 | \$66,251 |
| 27-3092 | Court Reporters and Simultaneous Captioners | \$26.49 | \$55,108 | \$34.76 | \$72,296 | \$42.89 | \$89,214 |
| 27-3099 | Media and Communication Workers, All Other | \$16.15 | \$33,579 | \$19.13 | \$39,796 | \$27.99 | \$58,221 |
| 27-4011 | Audio and Video Technicians | \$16.47 | \$34,248 | \$24.40 | \$50,748 | \$31.05 | \$64,574 |
| 27-4012 | Broadcast Technicians | \$14.96 | \$31,129 | \$18.55 | \$38,570 | \$30.21 | \$62,835 |
| 27-4014 | Sound Engineering Technicians | \$20.12 | \$41,853 | \$27.88 | \$58,002 | \$41.77 | \$86,873 |
| 27-4015 | Lighting Technicians | \$28.38 | \$59,041 | \$30.03 | \$62,462 | \$30.53 | \$63,509 |
| 27-4021 | Photographers | \$15.13 | \$31,471 | \$19.97 | \$41,535 | \$26.74 | \$55,616 |
| 27-4031 | Camera Operators, Television, Video, and Film | \$12.53 | \$26,074 | \$15.76 | \$32,783 | \$26.89 | \$55,922 |
| 27-4032 | Film and Video Editors | \$19.91 | \$41,416 | \$28.29 | \$58,843 | \$40.82 | \$84,917 |
| 27-4099 | Media and Communication Equipment Workers, All Other | \$14.83 | \$30,844 | \$30.09 | \$62,594 | \$44.62 | \$92,810 |
| 29-0000 | Healthcare Practitioners and Technical Occupations | \$23.23 | \$48,323 | \$38.27 | \$79,600 | \$58.19 | \$121,034 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 29-1011 | Chiropractors | \$21.36 | \$44,426 | \$30.55 | \$63,553 | \$44.42 | \$92,400 |
| 29-1022 | Oral and Maxillofacial Surgeons | \$106.00 | \$220,497 | N/A | N/A | N/A | N/A |
| 29-1023 | Orthodontists | \$54.76 | \$113,890 | \$55.22 | \$114,867 | \$97.42 | \$202,619 |
| 29-1029 | Dentists, All Other Specialists | \$73.00 | \$151,855 | \$102.81 | \$213,824 | \$116.70 | \$242,742 |
| 29-1031 | Dietitians and Nutritionists | \$22.78 | \$47,386 | \$31.93 | \$66,425 | \$37.36 | \$77,715 |
| 29-1041 | Optometrists | \$37.59 | \$78,191 | \$57.71 | \$120,032 | \$80.41 | \$167,238 |
| 29-1051 | Pharmacists | \$45.36 | \$94,341 | \$65.78 | \$136,831 | \$71.03 | \$147,735 |
| 29-1071 | Physician Assistants | \$49.08 | \$102,076 | \$63.14 | \$131,316 | \$68.93 | \$143,379 |
| 29-1081 | Podiatrists | \$37.79 | \$78,603 | \$76.66 | \$159,454 | \$95.85 | \$199,367 |
| 29-1122 | Occupational Therapists | \$31.78 | \$66,084 | \$46.57 | \$96,874 | \$51.01 | \$106,107 |
| 29-1123 | Physical Therapists | \$34.76 | \$72,295 | \$50.08 | \$104,164 | \$57.07 | \$118,715 |
| 29-1124 | Radiation Therapists | \$36.64 | \$76,211 | \$47.29 | \$98,359 | \$49.64 | \$103,236 |
| 29-1125 | Recreational Therapists | \$21.76 | \$45,260 | \$27.84 | \$57,916 | \$34.35 | \$71,453 |
| 29-1126 | Respiratory Therapists | \$28.17 | \$58,609 | \$33.12 | \$68,875 | \$38.09 | \$79,218 |
| 29-1127 | Speech-Language Pathologists | \$26.64 | \$55,413 | \$39.76 | \$82,696 | \$47.51 | \$98,827 |
| 29-1128 | Exercise Physiologists | \$22.35 | \$46,486 | \$27.66 | \$57,532 | \$32.50 | \$67,616 |
| 29-1129 | Therapists, All Other | \$19.90 | \$41,385 | \$24.75 | \$51,470 | \$32.70 | \$68,025 |
| 29-1131 | Veterinarians | \$37.27 | \$77,524 | \$51.18 | \$106,467 | \$75.17 | \$156,365 |
| 29-1141 | Registered Nurses | \$31.61 | \$65,743 | \$39.43 | \$82,011 | \$45.76 | \$95,194 |
| 29-1151 | Nurse Anesthetists | \$64.13 | \$133,388 | \$115.03 | \$239,262 | N/A | N/A |
| 29-1161 | Nurse Midwives | \$54.56 | \$113,474 | \$62.74 | \$130,497 | \$64.99 | \$135,169 |
| 29-1171 | Nurse Practitioners | \$49.32 | \$102,580 | \$62.33 | \$129,638 | \$66.94 | \$139,233 |
| 29-1181 | Audiologists | \$35.00 | \$72,795 | \$40.59 | \$84,440 | \$47.41 | \$98,626 |
| 29-1211 | Anesthesiologists | \$20.30 | \$42,233 | N/A | N/A | \$168.55 | \$350,576 |
| 29-1212 | Cardiologists | \$167.87 | \$349,181 | N/A | N/A | N/A | N/A |
| 29-1213 | Dermatologists | \$51.57 | \$107,269 | N/A | N/A | N/A | N/A |
| 29-1214 | Emergency Medicine Physicians | \$37.51 | \$78,016 | N/A | N/A | N/A | N/A |
| 29-1215 | Family Medicine Physicians | \$31.19 | \$64,891 | \$44.70 | \$92,993 | \$107.58 | \$223,778 |
| 29-1216 | General Internal Medicine Physicians | \$19.09 | \$39,707 | \$33.54 | \$69,769 | \$113.56 | \$236,221 |
| 29-1217 | Neurologists | \$36.22 | \$75,334 | \$112.05 | \$233,060 | \$169.55 | \$352,652 |
| 29-1218 | Obstetricians and Gynecologists | \$69.48 | \$144,519 | N/A | N/A | N/A | N/A |
| 29-1221 | Pediatricians, General | \$46.10 | \$95,871 | \$85.09 | \$176,991 | \$112.73 | \$234,479 |
| 29-1222 | Physicians, Pathologists | \$43.79 | \$91,079 | N/A | N/A | N/A | N/A |
| 29-1223 | Psychiatrists | \$29.44 | \$61,243 | \$108.03 | \$224,698 | \$156.15 | \$324,788 |
| 29-1224 | Radiologists | \$61.28 | \$127,468 | \$79.65 | \$165,662 | \$141.99 | \$295,319 |
| 29-1229 | Physicians, All Other | \$34.81 | \$72,404 | \$93.25 | \$193,972 | \$146.51 | \$304,752 |
| 29-1241 | Ophthalmologists, Except Pediatric | \$66.98 | \$139,312 | N/A | N/A | N/A | N/A |
| 29-1242 | Orthopedic Surgeons, Except Pediatric | \$35.95 | \$74,779 | \$39.62 | \$82,406 | \$181.82 | \$378,184 |
| 29-1249 | Surgeons, All Other | \$36.67 | \$76,274 | N/A | N/A | N/A | N/A |
| 29-1292 | Dental Hygienists | \$28.43 | \$59,137 | \$39.72 | \$82,617 | \$42.78 | \$88,995 |
| 29-1299 | Healthcare Diagnosing or Treating Practitioners, All Other | \$32.12 | \$66,799 | \$42.87 | \$89,162 | \$58.83 | \$122,355 |
| 29-2010 | Clinical Laboratory Technologists and Technicians | \$19.56 | \$40,684 | \$30.64 | \$63,749 | \$34.76 | \$72,294 |
| 29-2031 | Cardiovascular Technologists and Technicians | \$18.43 | \$38,332 | \$36.35 | \$75,598 | \$40.27 | \$83,756 |
| 29-2032 | Diagnostic Medical Sonographers | \$35.21 | \$73,245 | \$41.72 | \$86,784 | \$47.20 | \$98,174 |
| 29-2033 | Nuclear Medicine Technologists | \$38.27 | \$79,595 | \$48.31 | \$100,477 | \$49.75 | \$103,482 |
| 29-2034 | Radiologic Technologists and Technicians | \$26.38 | \$54,854 | \$32.42 | \$67,433 | \$38.41 | \$79,892 |
| 29-2035 | Magnetic Resonance Imaging Technologists | \$31.71 | \$65,970 | \$39.39 | \$81,924 | \$43.46 | \$90,396 |
| 29-2036 | Medical Dosimetrists | \$51.67 | \$107,480 | \$64.08 | \$133,283 | \$66.14 | \$137,557 |
| 29-2042 | Emergency Medical Technicians | \$15.20 | \$31,625 | \$18.69 | \$38,878 | \$28.66 | \$59,616 |
| 29-2043 | Paramedics | \$18.29 | \$38,036 | \$23.45 | \$48,761 | \$33.86 | \$70,429 |
| 29-2051 | Dietetic Technicians | \$13.15 | \$27,353 | \$16.82 | \$34,991 | \$19.41 | \$40,370 |
| 29-2052 | Pharmacy Technicians | \$15.99 | \$33,260 | \$19.16 | \$39,848 | \$22.64 | \$47,092 |
| 29-2053 | Psychiatric Technicians | \$17.57 | \$36,542 | \$21.00 | \$43,679 | \$24.09 | \$50,106 |
| 29-2055 | Surgical Technologists | \$22.19 | \$46,158 | \$25.89 | \$53,839 | \$30.56 | \$63,568 |
| 29-2056 | Veterinary Technologists and Technicians | \$15.67 | \$32,586 | \$19.94 | \$41,481 | \$23.87 | \$49,654 |
| 29-2057 | Ophthalmic Medical Technicians | \$16.37 | \$34,037 | \$20.09 | \$41,801 | \$24.02 | \$49,963 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | \$24.27 | \$50,487 | \$29.62 | \$61,592 | \$31.93 | \$66,408 |
| 29-2072 | Medical Records Specialists | \$17.79 | \$37,004 | \$24.22 | \$50,377 | \$29.64 | \$61,643 |
| 29-2081 | Opticians, Dispensing | \$15.51 | \$32,271 | \$18.41 | \$38,303 | \$21.10 | \$43,889 |
| 29-2091 | Orthotists and Prosthetists | \$30.89 | \$64,264 | \$42.26 | \$87,903 | \$45.29 | \$94,193 |
| 29-2092 | Hearing Aid Specialists | \$18.72 | \$38,952 | \$28.66 | \$59,624 | \$38.98 | \$81,089 |
| 29-2099 | Health Technologists and Technicians, All Other | \$17.09 | \$35,557 | \$22.61 | \$47,023 | \$28.88 | \$60,068 |
| 29-9021 | Health Information Technologists and Medical Registrars | \$18.11 | \$37,670 | \$24.48 | \$50,914 | \$32.13 | \$66,839 |
| 29-9091 | Athletic Trainers | N/A | \$47,399 | N/A | \$60,552 | N/A | \$85,735 |
| 29-9092 | Genetic Counselors | \$36.91 | \$76,775 | \$43.16 | \$89,777 | \$47.49 | \$98,771 |
| 29-9093 | Surgical Assistants | \$20.28 | \$42,190 | \$37.08 | \$77,137 | \$40.98 | \$85,241 |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | \$18.22 | \$37,900 | \$25.69 | \$53,434 | \$37.07 | \$77,112 |
| 31-0000 | Healthcare Support Occupations | \$14.94 | \$31,063 | \$17.04 | \$35,443 | \$20.27 | \$42,155 |
| 31-1120 | Home Health and Personal Care Aides | \$14.53 | \$30,228 | \$15.95 | \$33,184 | \$17.07 | \$35,500 |
| 31-1131 | Nursing Assistants | \$15.94 | \$33,150 | \$18.41 | \$38,293 | \$19.73 | \$41,050 |
| 31-1132 | Orderlies | \$15.95 | \$33,185 | \$18.22 | \$37,886 | \$19.22 | \$39,990 |
| 31-1133 | Psychiatric Aides | \$16.44 | \$34,196 | \$25.37 | \$52,758 | \$27.11 | \$56,392 |
| 31-2011 | Occupational Therapy Assistants | \$26.53 | \$55,171 | \$32.81 | \$68,249 | \$37.83 | \$78,681 |
| 31-2012 | Occupational Therapy Aides | \$18.40 | \$38,256 | \$31.41 | \$65,338 | \$33.33 | \$69,333 |
| 31-2021 | Physical Therapist Assistants | \$25.00 | \$51,997 | \$32.76 | \$68,136 | \$36.66 | \$76,239 |
| 31-2022 | Physical Therapist Aides | \$12.55 | \$26,112 | \$12.86 | \$26,733 | \$17.57 | \$36,552 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 31-9011 | Massage Therapists | \$20.78 | \$43,230 | \$30.59 | \$63,637 | \$36.71 | \$76,355 |
| 31-9091 | Dental Assistants | \$15.59 | \$32,445 | \$19.22 | \$39,970 | \$23.33 | \$48,520 |
| 31-9092 | Medical Assistants | \$17.10 | \$35,564 | \$19.61 | \$40,785 | \$22.16 | \$46,083 |
| 31-9093 | Medical Equipment Preparers | \$17.44 | \$36,282 | \$20.09 | \$41,775 | \$23.98 | \$49,864 |
| 31-9094 | Medical Transcriptionists | \$13.60 | \$28,283 | \$20.20 | \$42,033 | \$23.35 | \$48,570 |
| 31-9095 | Pharmacy Aides | \$13.78 | \$28,643 | \$16.31 | \$33,923 | \$17.57 | \$36,546 |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | \$14.33 | \$29,817 | \$17.47 | \$36,326 | \$19.36 | \$40,269 |
| 31-9097 | Phlebotomists | \$17.20 | \$35,794 | \$20.36 | \$42,343 | \$22.58 | \$46,960 |
| 31-9099 | Healthcare Support Workers, All Other | \$17.47 | \$36,322 | \$22.48 | \$46,764 | \$25.62 | \$53,288 |
| 33-0000 | Protective Service Occupations | \$15.77 | \$32,807 | \$26.04 | \$54,165 | \$37.94 | \$78,907 |
| 33-1011 | First-Line Supervisors of Correctional Officers | \$34.67 | \$72,105 | \$40.45 | \$84,135 | \$44.92 | \$93,447 |
| 33-1012 | First-Line Supervisors of Police and Detectives | \$41.32 | \$85,932 | \$62.09 | \$129,146 | \$66.48 | \$138,276 |
| 33-1021 | First-Line Supervisors of Firefighting and Prevention Workers | \$34.62 | \$72,009 | \$50.23 | \$104,474 | \$59.72 | \$124,219 |
| 33-1091 | First-Line Supervisors of Security Workers | \$18.45 | \$38,364 | \$24.51 | \$50,988 | \$31.29 | \$65,093 |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | \$22.48 | \$46,766 | \$30.88 | \$64,221 | \$36.17 | \$75,254 |
| 33-2011 | Firefighters | \$18.92 | \$39,351 | \$34.69 | \$72,150 | \$41.82 | \$86,980 |
| 33-2021 | Fire Inspectors and Investigators | \$21.26 | \$44,224 | \$40.53 | \$84,303 | \$54.50 | \$113,361 |
| 33-3011 | Bailiffs | \$15.29 | \$31,797 | \$21.79 | \$45,329 | \$29.89 | \$62,187 |
| 33-3012 | Correctional Officers and Jailers | \$26.32 | \$54,743 | \$32.76 | \$68,140 | \$35.71 | \$74,286 |
| 33-3021 | Detectives and Criminal Investigators | \$33.83 | \$70,367 | \$47.76 | \$99,334 | \$58.56 | \$121,818 |
| 33-3041 | Parking Enforcement Workers | \$19.27 | \$40,096 | \$25.61 | \$53,264 | \$31.12 | \$64,730 |
| 33-3051 | Police and Sheriff's Patrol Officers | \$28.95 | \$60,229 | \$43.28 | \$90,024 | \$47.68 | \$99,187 |
| 33-3052 | Transit and Railroad Police | \$27.79 | \$57,810 | \$38.21 | \$79,478 | \$43.22 | \$89,889 |
| 33-9011 | Animal Control Workers | \$15.36 | \$31,962 | \$18.98 | \$39,490 | \$25.70 | \$53,457 |
| 33-9021 | Private Detectives and Investigators | \$20.03 | \$41,658 | \$31.74 | \$66,028 | \$40.14 | \$83,487 |
| 33-9031 | Gambling Surveillance Officers and Gambling Investigators | \$12.57 | \$26,158 | \$13.54 | \$28,157 | \$26.95 | \$56,044 |
| 33-9032 | Security Guards | \$14.54 | \$30,247 | \$17.84 | \$37,121 | \$20.74 | \$43,138 |
| 33-9091 | Crossing Guards and Flaggers | \$14.70 | \$30,568 | \$20.16 | \$41,938 | \$26.07 | \$54,231 |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | \$12.54 | \$26,088 | \$13.77 | \$28,636 | \$15.92 | \$33,110 |
| 33-9093 | Transportation Security Screeners | \$21.01 | \$43,694 | \$24.02 | \$49,959 | \$25.34 | \$52,708 |
| 33-9094 | School Bus Monitors | \$12.84 | \$26,689 | \$15.50 | \$32,243 | \$17.47 | \$36,338 |
| 33-9099 | Protective Service Workers, All Other | \$13.03 | \$27,114 | \$18.25 | \$37,953 | \$23.71 | \$49,307 |
| 35-0000 | Food Preparation and Serving Related Occupations | \$13.09 | \$27,214 | \$14.57 | \$30,312 | \$18.04 | \$37,520 |
| 35-1011 | Chefs and Head Cooks | \$19.14 | \$39,812 | \$28.33 | \$58,927 | \$37.81 | \$78,627 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | \$15.79 | \$32,855 | \$18.65 | \$38,794 | \$23.16 | \$48,184 |
| 35-2011 | Cooks, Fast Food | \$12.92 | \$26,874 | \$14.07 | \$29,265 | \$14.97 | \$31,134 |
| 35-2012 | Cooks, Institution and Cafeteria | \$13.67 | \$28,429 | \$15.95 | \$33,176 | \$18.41 | \$38,286 |
| 35-2014 | Cooks, Restaurant | \$13.88 | \$28,867 | \$17.49 | \$36,370 | \$19.30 | \$40,147 |
| 35-2015 | Cooks, Short Order | \$12.66 | \$26,326 | \$15.11 | \$31,436 | \$16.48 | \$34,289 |
| 35-2019 | Cooks, All Other | \$13.39 | \$27,842 | \$17.17 | \$35,711 | \$20.41 | \$42,451 |
| 35-2021 | Food Preparation Workers | \$13.36 | \$27,781 | \$14.50 | \$30,164 | \$16.78 | \$34,904 |
| 35-3011 | Bartenders | \$12.75 | \$26,524 | \$14.25 | \$29,626 | \$18.80 | \$39,111 |
| 35-3023 | Fast Food and Counter Workers | \$13.20 | \$27,460 | \$14.30 | \$29,731 | \$15.53 | \$32,300 |
| 35-3031 | Waiters and Waitresses | \$12.56 | \$26,125 | \$13.67 | \$28,438 | \$17.65 | \$36,714 |
| 35-3041 | Food Servers, Nonrestaurant | \$13.65 | \$28,386 | \$14.82 | \$30,822 | \$16.82 | \$34,989 |
| 35-9011 | Dining Room and Cafeteria Attendants and Bartender Helpers | \$12.75 | \$26,514 | \$14.32 | \$29,786 | \$16.47 | \$34,264 |
| 35-9021 | Dishwashers | \$12.82 | \$26,677 | \$14.60 | \$30,366 | \$16.42 | \$34,146 |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | \$12.71 | \$26,446 | \$14.02 | \$29,150 | \$15.80 | \$32,879 |
| 35-9099 | Food Preparation and Serving Related Workers, All Other | \$13.15 | \$27,351 | \$14.51 | \$30,182 | \$18.04 | \$37,528 |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations | \$14.10 | \$29,323 | \$17.65 | \$36,716 | \$20.83 | \$43,337 |
| 37-1011 | First-Line Supervisors of Housekeeping and Janitorial Workers | \$17.76 | \$36,935 | \$23.30 | \$48,450 | \$27.75 | \$57,722 |
| 37-1012 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | \$18.96 | \$39,435 | \$24.76 | \$51,502 | \$30.52 | \$63,489 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | \$14.05 | \$29,229 | \$16.98 | \$35,328 | \$19.64 | \$40,851 |
| 37-2012 | Maids and Housekeeping Cleaners | \$13.54 | \$28,151 | \$16.06 | \$33,419 | \$18.81 | \$39,138 |
| 37-2019 | Building Cleaning Workers, All Other | \$13.23 | \$27,529 | \$25.84 | \$53,750 | N/A | N/A |
| 37-2021 | Pest Control Workers | \$15.88 | \$33,019 | \$18.96 | \$39,438 | \$21.26 | \$44,228 |
| 37-3011 | Landscaping and Groundskeeping Workers | \$14.58 | \$30,324 | \$18.59 | \$38,680 | \$22.05 | \$45,880 |
| 37-3012 | Pesticide Handlers, Sprayers, and Applicators, Vegetation | \$16.06 | \$33,425 | \$20.26 | \$42,132 | \$24.72 | \$51,425 |
| 37-3013 | Tree Trimmers and Pruners | \$24.86 | \$51,691 | \$29.69 | \$61,754 | \$34.46 | \$71,671 |
| 37-3019 | Grounds Maintenance Workers, All Other | \$13.75 | \$28,606 | \$17.49 | \$36,374 | \$23.76 | \$49,405 |
| 39-0000 | Personal Care and Service Occupations | \$13.27 | \$27,610 | \$16.15 | \$33,595 | \$22.27 | \$46,339 |
| 39-1013 | First-Line Supervisors of Gambling Services Workers | \$17.30 | \$35,982 | \$24.47 | \$50,897 | \$33.95 | \$70,615 |
| 39-1014 | First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services | \$15.72 | \$32,700 | \$23.54 | \$48,962 | \$29.42 | \$61,199 |
| 39-1022 | First-Line Supervisors of Personal Service Workers | \$16.87 | \$35,092 | \$23.29 | \$48,446 | \$28.85 | \$60,009 |
| 39-2011 | Animal Trainers | \$14.80 | \$30,787 | \$17.00 | \$35,353 | \$18.72 | \$38,928 |
| 39-2021 | Animal Caretakers | \$13.20 | \$27,458 | \$14.83 | \$30,847 | \$18.93 | \$39,368 |
| 39-3011 | Gambling Dealers | \$12.54 | \$26,088 | \$12.54 | \$26,088 | \$14.95 | \$31,086 |
| 39-3012 | Gambling and Sports Book Writers and Runners | \$12.92 | \$26,881 | \$15.78 | \$32,833 | \$18.41 | \$38,295 |
| 39-3019 | Gambling Service Workers, All Other | \$12.79 | \$26,600 | \$13.77 | \$28,640 | \$15.66 | \$32,561 |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | \$13.55 | \$28,184 | \$16.27 | \$33,842 | \$18.03 | \$37,495 |
| 39-3091 | Amusement and Recreation Attendants | \$12.64 | \$26,293 | \$13.81 | \$28,720 | \$17.20 | \$35,791 |
| 39-3092 | Costume Attendants | \$15.50 | \$32,240 | \$18.64 | \$38,763 | \$25.45 | \$52,936 |
| 39-3093 | Locker Room, Coatroom, and Dressing Room Attendants | \$14.58 | \$30,324 | \$16.12 | \$33,520 | \$20.75 | \$43,161 |
| 39-4011 | Embalmers | \$19.93 | \$41,453 | \$25.06 | \$52,135 | \$35.67 | \$74,210 |
| 39-4012 | Crematory Operators | \$17.85 | \$37,128 | \$23.06 | \$47,951 | \$30.11 | \$62,631 |
| 39-4021 | Funeral Attendants | \$14.19 | \$29,520 | \$17.25 | \$35,872 | \$19.58 | \$40,724 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 39-4031 | Morticians, Undertakers, and Funeral Arrangers | \$16.93 | \$35,220 | \$29.18 | \$60,704 | \$39.86 | \$82,919 |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | \$13.78 | \$28,656 | \$19.18 | \$39,900 | \$26.65 | \$55,427 |
| 39-5091 | Makeup Artists, Theatrical and Performance | \$15.60 | \$32,455 | \$15.87 | \$32,997 | \$24.04 | \$50,001 |
| 39-5092 | Manicurists and Pedicurists | \$14.15 | \$29,447 | \$18.56 | \$38,604 | \$25.35 | \$52,722 |
| 39-5093 | Shampooers | \$13.17 | \$27,392 | \$14.27 | \$29,683 | \$14.75 | \$30,672 |
| 39-5094 | Skincare Specialists | \$15.44 | \$32,105 | \$17.81 | \$37,047 | \$25.62 | \$53,286 |
| 39-6011 | Baggage Porters and Bellhops | \$15.20 | \$31,611 | \$18.48 | \$38,441 | \$20.49 | \$42,616 |
| 39-6012 | Concierges | \$16.38 | \$34,062 | \$21.22 | \$44,134 | \$23.74 | \$49,367 |
| 39-7010 | Tour and travel guides | \$12.79 | \$26,608 | \$16.72 | \$34,785 | \$20.01 | \$41,611 |
| 39-9011 | Childcare Workers | \$12.93 | \$26,897 | \$14.47 | \$30,083 | \$16.83 | \$35,002 |
| 39-9031 | Exercise Trainers and Group Fitness Instructors | \$14.62 | \$30,406 | \$23.52 | \$48,915 | \$31.66 | \$65,845 |
| 39-9032 | Recreation Workers | \$13.14 | \$27,328 | \$15.40 | \$32,019 | \$19.46 | \$40,481 |
| 39-9041 | Residential Advisors | \$14.35 | \$29,860 | \$18.03 | \$37,506 | \$21.29 | \$44,275 |
| 39-9099 | Personal Care and Service Workers, All Other | \$13.19 | \$27,429 | \$13.85 | \$28,806 | \$15.89 | \$33,049 |
| 41-0000 | Sales and Related Occupations | \$13.66 | \$28,412 | \$17.70 | \$36,810 | \$31.98 | \$66,521 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | \$16.57 | \$34,477 | \$23.03 | \$47,900 | \$29.20 | \$60,736 |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | \$25.43 | \$52,897 | \$37.22 | \$77,410 | \$53.07 | \$110,377 |
| 41-2011 | Cashiers | \$12.98 | \$27,007 | \$14.37 | \$29,885 | \$16.11 | \$33,509 |
| 41-2012 | Gambling Change Persons and Booth Cashiers | \$13.35 | \$27,784 | \$14.61 | \$30,372 | \$17.43 | \$36,259 |
| 41-2021 | Counter and Rental Clerks | \$13.88 | \$28,864 | \$16.14 | \$33,573 | \$20.60 | \$42,841 |
| 41-2022 | Parts Salespersons | \$13.88 | \$28,865 | \$17.73 | \$36,886 | \$23.05 | \$47,932 |
| 41-2031 | Retail Salespersons | \$13.28 | \$27,628 | \$15.19 | \$31,589 | \$20.07 | \$41,745 |
| 41-3011 | Advertising Sales Agents | \$18.11 | \$37,676 | \$29.92 | \$62,226 | \$38.49 | \$80,064 |
| 41-3021 | Insurance Sales Agents | N/A | N/A | N/A | N/A | N/A | N/A |
| 41-3031 | Securities, Commodities, and Financial Services Sales Agents | \$21.94 | \$45,642 | \$36.06 | \$75,014 | \$59.62 | \$124,016 |
| 41-3041 | Travel Agents | \$15.95 | \$33,175 | \$22.62 | \$47,047 | \$26.33 | \$54,765 |
| 41-3091 | Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel | \$20.23 | \$42,088 | \$30.91 | \$64,293 | \$45.18 | \$93,982 |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | \$29.71 | \$61,798 | \$49.88 | \$103,749 | \$70.30 | \$146,217 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | \$19.81 | \$41,207 | \$30.91 | \$64,283 | \$44.14 | \$91,807 |
| 41-9011 | Demonstrators and Product Promoters | \$14.10 | \$29,335 | \$18.68 | \$38,854 | \$24.54 | \$51,035 |
| 41-9012 | Models | \$17.21 | \$35,804 | \$19.20 | \$39,935 | \$21.56 | \$44,843 |
| 41-9021 | Real Estate Brokers | \$20.69 | \$43,027 | \$30.27 | \$62,955 | \$64.37 | \$133,897 |
| 41-9022 | Real Estate Sales Agents | \$13.01 | \$27,067 | \$18.41 | \$38,308 | \$26.70 | \$55,537 |
| 41-9031 | Sales Engineers | \$33.58 | \$69,845 | \$48.26 | \$100,374 | \$65.66 | \$136,581 |
| 41-9041 | Telemarketers | \$12.41 | \$25,819 | \$13.63 | \$28,352 | \$17.50 | \$36,404 |
| 41-9099 | Sales and Related Workers, All Other | \$14.96 | \$31,104 | \$17.02 | \$35,396 | \$24.70 | \$51,381 |
| 43-0000 | Office and Administrative Support Occupations | \$15.68 | \$32,622 | \$21.43 | \$44,589 | \$27.08 | \$56,326 |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | \$21.59 | \$44,904 | \$31.22 | \$64,928 | \$39.78 | \$82,737 |
| 43-2011 | Switchboard Operators, Including Answering Service | \$14.29 | \$29,722 | \$17.53 | \$36,460 | \$19.10 | \$39,725 |
| 43-2021 | Telephone Operators | \$17.56 | \$36,523 | \$23.85 | \$49,611 | \$24.01 | \$49,940 |
| 43-2099 | Communications Equipment Operators, All Other | \$19.39 | \$40,322 | \$31.31 | \$65,131 | \$35.11 | \$73,030 |
| 43-3011 | Bill and Account Collectors | \$15.59 | \$32,428 | \$19.82 | \$41,222 | \$24.47 | \$50,895 |
| 43-3021 | Billing and Posting Clerks | \$17.06 | \$35,501 | \$21.83 | \$45,388 | \$24.62 | \$51,197 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | \$17.07 | \$35,514 | \$23.55 | \$48,981 | \$28.57 | \$59,425 |
| 43-3041 | Gambling Cage Workers | \$14.07 | \$29,266 | \$14.74 | \$30,651 | \$17.04 | \$35,445 |
| 43-3051 | Payroll and Timekeeping Clerks | \$18.13 | \$37,701 | \$25.37 | \$52,778 | \$31.13 | \$64,749 |
| 43-3061 | Procurement Clerks | \$16.91 | \$35,171 | \$21.68 | \$45,089 | \$25.81 | \$53,691 |
| 43-3071 | Tellers | \$14.66 | \$30,490 | \$18.15 | \$37,755 | \$20.70 | \$43,060 |
| 43-3099 | Financial Clerks, All Other | \$22.22 | \$46,211 | \$25.70 | \$53,466 | \$30.79 | \$64,058 |
| 43-4011 | Brokerage Clerks | \$22.49 | \$46,767 | \$29.17 | \$60,674 | \$37.20 | \$77,359 |
| 43-4021 | Correspondence Clerks | \$16.18 | \$33,637 | \$18.11 | \$37,674 | \$20.13 | \$41,879 |
| 43-4031 | Court, Municipal, and License Clerks | \$16.27 | \$33,833 | \$23.08 | \$48,000 | \$29.20 | \$60,735 |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | \$22.20 | \$46,163 | \$26.68 | \$55,505 | \$32.48 | \$67,558 |
| 43-4051 | Customer Service Representatives | \$15.36 | \$31,942 | \$19.23 | \$39,997 | \$24.48 | \$50,920 |
| 43-4061 | Eligibility Interviewers, Government Programs | \$20.43 | \$42,504 | \$26.69 | \$55,518 | \$30.57 | \$63,569 |
| 43-4071 | File Clerks | \$15.56 | \$32,349 | \$19.99 | \$41,585 | \$24.45 | \$50,846 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | \$12.63 | \$26,286 | \$13.96 | \$29,035 | \$15.95 | \$33,175 |
| 43-4111 | Interviewers, Except Eligibility and Loan | \$17.09 | \$35,527 | \$20.00 | \$41,603 | \$22.93 | \$47,703 |
| 43-4121 | Library Assistants, Clerical | \$12.82 | \$26,663 | \$14.35 | \$29,838 | \$16.84 | \$35,016 |
| 43-4131 | Loan Interviewers and Clerks | \$18.36 | \$38,170 | \$23.12 | \$48,078 | \$27.01 | \$56,175 |
| 43-4141 | New Accounts Clerks | \$17.18 | \$35,732 | \$19.27 | \$40,101 | \$22.46 | \$46,705 |
| 43-4151 | Order Clerks | \$16.15 | \$33,586 | \$19.10 | \$39,719 | \$22.13 | \$46,012 |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | \$17.13 | \$35,614 | \$22.95 | \$47,741 | \$25.85 | \$53,781 |
| 43-4171 | Receptionists and Information Clerks | \$13.55 | \$28,190 | \$17.15 | \$35,675 | \$19.21 | \$39,972 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | \$16.19 | \$33,669 | \$21.19 | \$44,058 | \$26.85 | \$55,839 |
| 43-4199 | Information and Record Clerks, All Other | \$19.08 | \$39,674 | \$24.70 | \$51,372 | \$29.15 | \$60,632 |
| 43-5011 | Cargo and Freight Agents | \$20.28 | \$42,173 | \$24.57 | \$51,123 | \$29.95 | \$62,292 |
| 43-5021 | Couriers and Messengers | \$14.05 | \$29,211 | \$17.07 | \$35,506 | \$18.97 | \$39,451 |
| 43-5031 | Public Safety Telecommunicators | \$19.15 | \$39,835 | \$29.05 | \$60,423 | \$33.84 | \$70,384 |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | \$17.51 | \$36,420 | \$27.09 | \$56,360 | \$33.10 | \$68,839 |
| 43-5041 | Meter Readers, Utilities | \$16.79 | \$34,912 | \$25.54 | \$53,140 | \$32.78 | \$68,179 |
| 43-5051 | Postal Service Clerks | \$21.44 | \$44,608 | \$28.11 | \$58,462 | \$31.32 | \$65,139 |
| 43-5052 | Postal Service Mail Carriers | \$20.67 | \$43,003 | \$27.63 | \$57,474 | \$32.10 | \$66,785 |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | \$19.22 | \$39,986 | \$24.40 | \$50,749 | \$29.71 | \$61,785 |
| 43-5061 | Production, Planning, and Expediting Clerks | \$19.22 | \$39,980 | \$26.14 | \$54,376 | \$33.72 | \$70,130 |
| 43-5071 | Shipping, Receiving, and Inventory Clerks | \$16.33 | \$33,967 | \$21.08 | \$43,854 | \$24.26 | \$50,478 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | \$16.30 | \$33,912 | \$20.66 | \$42,961 | \$23.05 | \$47,938 |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | \$22.12 | \$46,008 | \$31.92 | \$66,389 | \$39.09 | \$81,291 |
| 43-6012 | Legal Secretaries and Administrative Assistants | \$19.16 | \$39,864 | \$31.12 | \$64,729 | \$35.81 | \$74,483 |
| 43-6013 | Medical Secretaries and Administrative Assistants | \$16.82 | \$34,983 | \$19.37 | \$40,293 | \$21.76 | \$45,281 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | \$15.96 | \$33,189 | \$21.89 | \$45,518 | \$26.69 | \$55,510 |
| 43-9021 | Data Entry Keyers | \$14.25 | \$29,642 | \$18.16 | \$37,763 | \$22.03 | \$45,832 |
| 43-9022 | Word Processors and Typists | \$17.42 | \$36,234 | \$24.66 | \$51,286 | \$32.32 | \$67,226 |
| 43-9031 | Desktop Publishers | \$20.11 | \$41,832 | \$32.94 | \$68,522 | \$36.46 | \$75,853 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | \$17.82 | \$37,059 | \$22.23 | \$46,239 | \$26.58 | \$55,289 |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Service | \$12.85 | \$26,725 | \$16.59 | \$34,506 | \$19.76 | \$41,102 |
| 43-9061 | Office Clerks, General | \$14.60 | \$30,367 | \$19.26 | \$40,073 | \$24.48 | \$50,923 |
| 43-9071 | Office Machine Operators, Except Computer | \$16.12 | \$33,532 | \$20.15 | \$41,923 | \$23.95 | \$49,817 |
| 43-9081 | Proofreaders and Copy Markers | \$17.11 | \$35,586 | \$25.41 | \$52,846 | \$29.63 | \$61,620 |
| 43-9111 | Statistical Assistants | \$22.23 | \$46,242 | \$28.26 | \$58,786 | \$33.29 | \$69,253 |
| 43-9199 | Office and Administrative Support Workers, All Other | \$14.88 | \$30,956 | \$19.98 | \$41,555 | \$24.51 | \$50,995 |
| 45-0000 | Farming, Fishing, and Forestry Occupations | \$14.87 | \$30,932 | \$18.95 | \$39,419 | \$24.05 | \$50,025 |
| 45-1011 | First-Line Supervisors of Farming, Fishing, and Forestry Workers | \$18.88 | \$39,265 | \$31.27 | \$65,045 | \$39.62 | \$82,425 |
| 45-2011 | Agricultural Inspectors | \$22.64 | \$47,076 | \$28.96 | \$60,236 | \$32.31 | \$67,192 |
| 45-2041 | Graders and Sorters, Agricultural Products | \$13.15 | \$27,358 | \$16.40 | \$34,115 | \$18.43 | \$38,328 |
| 45-2091 | Agricultural Equipment Operators | \$17.37 | \$36,120 | \$21.56 | \$44,841 | \$25.27 | \$52,568 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | \$14.25 | \$29,637 | \$17.10 | \$35,557 | \$21.19 | \$44,084 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | \$13.45 | \$27,974 | \$18.06 | \$37,564 | \$20.54 | \$42,716 |
| 45-4011 | Forest and Conservation Workers | \$15.74 | \$32,734 | \$23.44 | \$48,754 | \$27.29 | \$56,763 |
| 45-4022 | Logging Equipment Operators | \$18.91 | \$39,329 | \$22.44 | \$46,682 | \$27.03 | \$56,214 |
| 47-0000 | Construction and Extraction Occupations | \$21.05 | \$43,783 | \$37.09 | \$77,144 | \$44.80 | \$93,186 |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | \$28.35 | \$58,975 | \$46.38 | \$96,463 | \$52.49 | \$109,165 |
| 47-2011 | Boilermakers | \$31.01 | \$64,482 | \$50.54 | \$105,127 | \$53.85 | \$112,002 |
| 47-2021 | Brickmasons and Blockmasons | \$28.25 | \$58,760 | \$41.98 | \$87,305 | \$47.65 | \$99,109 |
| 47-2022 | Stonemasons | \$16.99 | \$35,330 | \$17.63 | \$36,654 | \$19.36 | \$40,267 |
| 47-2031 | Carpenters | \$19.40 | \$40,353 | \$33.17 | \$68,993 | \$43.02 | \$89,494 |
| 47-2041 | Carpet Installers | \$20.99 | \$43,670 | \$32.80 | \$68,226 | \$41.52 | \$86,364 |
| 47-2042 | Floor Layers, Except Carpet, Wood, and Hard Tiles | \$22.60 | \$46,997 | \$37.38 | \$77,757 | \$40.69 | \$84,618 |
| 47-2043 | Floor Sanders and Finishers | N/A | N/A | N/A | N/A | N/A | N/A |
| 47-2044 | Tile and Stone Setters | \$17.81 | \$37,045 | \$22.61 | \$47,026 | \$35.27 | \$73,370 |
| 47-2051 | Cement Masons and Concrete Finishers | \$19.69 | \$40,970 | \$40.14 | \$83,485 | \$46.25 | \$96,182 |
| 47-2061 | Construction Laborers | \$19.12 | \$39,776 | \$30.86 | \$64,181 | \$39.30 | \$81,756 |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | \$18.37 | \$38,219 | \$23.09 | \$48,025 | \$33.53 | \$69,731 |
| 47-2072 | Pile Driver Operators | \$48.23 | \$100,316 | \$53.59 | \$111,471 | \$56.59 | \$117,706 |
| 47-2073 | Operating Engineers and Other Construction Equipment Operators | \$24.45 | \$50,842 | \$42.64 | \$88,688 | \$49.09 | \$102,092 |
| 47-2081 | Drywall and Ceiling Tile Installers | \$17.12 | \$35,603 | \$24.17 | \$50,256 | \$31.81 | \$66,165 |
| 47-2082 | Tapers | \$39.27 | \$81,685 | \$52.12 | \$108,424 | \$52.84 | \$109,902 |
| 47-2111 | Electricians | \$26.95 | \$56,045 | \$44.14 | \$91,815 | \$49.71 | \$103,382 |
| 47-2121 | Glaziers | \$20.97 | \$43,620 | \$30.59 | \$63,643 | \$35.95 | \$74,795 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | \$19.80 | \$41,169 | \$25.30 | \$52,626 | \$33.42 | \$69,526 |
| 47-2132 | Insulation Workers, Mechanical | \$29.96 | \$62,314 | \$48.36 | \$100,596 | \$54.47 | \$113,290 |
| 47-2141 | Painters, Construction and Maintenance | \$20.20 | \$42,006 | \$30.28 | \$62,982 | \$39.04 | \$81,216 |
| 47-2151 | Pipelayers | \$17.33 | \$36,031 | \$20.26 | \$42,151 | \$27.63 | \$57,471 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | \$27.77 | \$57,776 | \$48.86 | \$101,629 | \$51.67 | \$107,463 |
| 47-2161 | Plasterers and Stucco Masons | \$31.31 | \$65,105 | \$39.84 | \$82,871 | \$42.29 | \$87,957 |
| 47-2171 | Reinforcing Iron and Rebar Workers | \$32.89 | \$68,398 | \$41.82 | \$86,983 | \$50.81 | \$105,680 |
| 47-2181 | Roofers | \$21.99 | \$45,723 | \$33.39 | \$69,460 | \$39.84 | \$82,857 |
| 47-2211 | Sheet Metal Workers | \$21.87 | \$45,504 | \$42.46 | \$88,326 | \$48.12 | \$100,071 |
| 47-2221 | Structural Iron and Steel Workers | \$34.63 | \$72,026 | \$46.64 | \$97,007 | \$51.24 | \$106,559 |
| 47-2231 | Solar Photovoltaic Installers | \$18.07 | \$37,594 | \$19.87 | \$41,327 | \$25.88 | \$53,822 |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | \$18.48 | \$38,449 | \$30.23 | \$62,880 | \$34.36 | \$71,477 |
| 47-3012 | Helpers--Carpenters | \$15.30 | \$31,835 | \$16.83 | \$35,009 | \$18.54 | \$38,551 |
| 47-3013 | Helpers--Electricians | \$13.30 | \$27,648 | \$19.81 | \$41,199 | \$23.02 | \$47,888 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | \$16.19 | \$33,681 | \$19.63 | \$40,831 | \$24.36 | \$50,679 |
| 47-3016 | Helpers--Roofers | \$17.56 | \$36,527 | \$18.26 | \$37,963 | \$18.26 | \$37,963 |
| 47-3019 | Helpers, Construction Trades, All Other | \$13.39 | \$27,846 | \$16.62 | \$34,576 | \$22.28 | \$46,323 |
| 47-4011 | Construction and Building Inspectors | \$22.39 | \$46,573 | \$35.18 | \$73,177 | \$42.14 | \$87,661 |
| 47-4021 | Elevator and Escalator Installers and Repairers | \$18.87 | \$39,240 | \$37.08 | \$77,136 | \$52.37 | \$108,928 |
| 47-4031 | Fence Erectors | \$17.48 | \$36,370 | \$19.87 | \$41,333 | \$23.89 | \$49,686 |
| 47-4041 | Hazardous Materials Removal Workers | \$17.36 | \$36,102 | \$19.26 | \$40,050 | \$29.53 | \$61,410 |
| 47-4051 | Highway Maintenance Workers | \$18.74 | \$38,975 | \$30.22 | \$62,859 | \$34.18 | \$71,080 |
| 47-4061 | Rail-Track Laying and Maintenance Equipment Operators | \$25.67 | \$53,399 | \$34.86 | \$72,502 | \$38.04 | \$79,127 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | \$18.03 | \$37,494 | \$23.95 | \$49,816 | \$29.61 | \$61,582 |
| 47-4090 | Miscellaneous Construction and Related Workers | \$21.26 | \$44,229 | \$23.79 | \$49,483 | \$29.80 | \$61,979 |
| 47-5011 | Derrick Operators, Oil and Gas | \$18.95 | \$39,416 | \$21.76 | \$45,269 | \$22.08 | \$45,927 |
| 47-5012 | Rotary Drill Operators, Oil and Gas | \$22.80 | \$47,433 | \$26.66 | \$55,455 | \$30.83 | \$64,129 |
| 47-5013 | Service Unit Operators, Oil and Gas | \$15.95 | \$33,185 | \$20.01 | \$41,628 | \$26.19 | \$54,475 |
| 47-5022 | Excavating and Loading Machine and Dragline Operators, Surface Mining | \$24.36 | \$50,683 | \$33.45 | \$69,592 | \$36.35 | \$75,592 |
| 47-5023 | Earth Drillers, Except Oil and Gas | \$22.40 | \$46,588 | \$31.15 | \$64,798 | \$36.61 | \$76,145 |
| 47-5032 | Explosives Workers, Ordnance Handling Experts, and Blasters | \$23.99 | \$49,907 | \$33.60 | \$69,877 | \$38.70 | \$80,501 |
| 47-5041 | Continuous Mining Machine Operators | \$20.12 | \$41,844 | \$31.23 | \$64,962 | \$31.84 | \$66,238 |
| 47-5044 | Loading and Moving Machine Operators, Underground Mining | \$33.35 | \$69,361 | \$34.55 | \$71,870 | \$34.65 | \$72,088 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 47-5049 | Underground Mining Machine Operators, All Other | \$27.61 | \$57,428 | \$32.26 | \$67,086 | \$32.51 | \$67,636 |
| 47-5051 | Rock Splitters, Quarry | \$25.25 | \$52,519 | \$30.51 | \$63,465 | \$31.10 | \$64,695 |
| 47-5071 | Roustabouts, Oil and Gas | \$14.47 | \$30,105 | \$18.72 | \$38,945 | \$21.96 | \$45,670 |
| 47-5099 | Extraction Workers, All Other | \$18.55 | \$38,580 | \$18.59 | \$38,662 | \$21.58 | \$44,884 |
| 49-0000 | Installation, Maintenance, and Repair Occupations | \$17.64 | \$36,686 | \$25.73 | \$53,515 | \$34.36 | \$71,448 |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, and Repairers | \$25.01 | \$52,023 | \$37.67 | \$78,360 | \$45.78 | \$95,207 |
| 49-2011 | Computer, Automated Teller, and Office Machine Repairers | \$16.69 | \$34,699 | \$20.04 | \$41,679 | \$25.88 | \$53,834 |
| 49-2021 | Radio, Cellular, and Tower Equipment Installers and Repairers | \$37.38 | \$77,749 | \$47.07 | \$97,900 | \$49.88 | \$103,742 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | \$20.59 | \$42,833 | \$30.66 | \$63,764 | \$35.07 | \$72,937 |
| 49-2091 | Avionics Technicians | \$25.50 | \$53,043 | \$41.76 | \$86,866 | \$49.54 | \$103,048 |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | \$24.25 | \$50,448 | \$37.88 | \$78,784 | \$47.42 | \$98,635 |
| 49-2094 | Electrical and Electronics Repairers, Commercial and Industrial Equipment | \$24.69 | \$51,347 | \$32.40 | \$67,384 | \$38.81 | \$80,719 |
| 49-2095 | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay | \$37.98 | \$79,006 | \$51.89 | \$107,930 | \$54.71 | \$113,796 |
| 49-2096 | Electronic Equipment Installers and Repairers, Motor Vehicles | \$19.47 | \$40,511 | \$23.38 | \$48,638 | \$26.84 | \$55,832 |
| 49-2097 | Audiovisual Equipment Installers and Repairers | \$16.93 | \$35,222 | \$23.69 | \$49,277 | \$26.49 | \$55,098 |
| 49-2098 | Security and Fire Alarm Systems Installers | \$21.97 | \$45,692 | \$30.52 | \$63,489 | \$35.27 | \$73,352 |
| 49-3011 | Aircraft Mechanics and Service Technicians | \$26.10 | \$54,271 | \$36.58 | \$76,093 | \$48.34 | \$100,548 |
| 49-3021 | Automotive Body and Related Repairers | \$17.09 | \$35,547 | \$23.36 | \$48,591 | \$28.81 | \$59,922 |
| 49-3022 | Automotive Glass Installers and Repairers | \$17.40 | \$36,193 | \$19.28 | \$40,104 | \$24.44 | \$50,837 |
| 49-3023 | Automotive Service Technicians and Mechanics | \$16.12 | \$33,519 | \$23.40 | \$48,675 | \$29.75 | \$61,883 |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | \$21.87 | \$45,480 | \$30.34 | \$63,110 | \$35.52 | \$73,865 |
| 49-3041 | Farm Equipment Mechanics and Service Technicians | \$17.93 | \$37,299 | \$23.67 | \$49,225 | \$32.24 | \$67,069 |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | \$19.16 | \$39,867 | \$24.72 | \$51,410 | \$32.41 | \$67,408 |
| 49-3043 | Rail Car Repairers | \$20.98 | \$43,620 | \$31.23 | \$64,939 | \$36.15 | \$75,194 |
| 49-3051 | Motorboat Mechanics and Service Technicians | \$15.50 | \$32,254 | \$20.73 | \$43,112 | \$24.08 | \$50,100 |
| 49-3052 | Motorcycle Mechanics | \$15.28 | \$31,781 | \$22.85 | \$47,529 | \$25.28 | \$52,578 |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | \$15.69 | \$32,626 | \$21.05 | \$43,775 | \$24.29 | \$50,525 |
| 49-3091 | Bicycle Repairers | \$13.48 | \$28,042 | \$17.47 | \$36,345 | \$18.82 | \$39,136 |
| 49-3092 | Recreational Vehicle Service Technicians | \$14.52 | \$30,195 | \$17.83 | \$37,077 | \$20.33 | \$42,288 |
| 49-3093 | Tire Repairers and Changers | \$14.27 | \$29,683 | \$17.88 | \$37,186 | \$19.52 | \$40,622 |
| 49-9011 | Mechanical Door Repairers | \$18.81 | \$39,132 | \$23.83 | \$49,557 | \$30.82 | \$64,112 |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | \$25.37 | \$52,775 | \$37.62 | \$78,247 | \$43.22 | \$89,897 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | \$18.35 | \$38,172 | \$28.93 | \$60,191 | \$37.70 | \$78,425 |
| 49-9031 | Home Appliance Repairers | \$13.89 | \$28,879 | \$21.44 | \$44,595 | \$25.54 | \$53,106 |
| 49-9041 | Industrial Machinery Mechanics | \$22.47 | \$46,735 | \$29.96 | \$62,314 | \$36.72 | \$76,383 |
| 49-9043 | Maintenance Workers, Machinery | \$20.24 | \$42,096 | \$23.29 | \$48,432 | \$28.92 | \$60,164 |
| 49-9044 | Millwrights | \$19.46 | \$40,476 | \$30.21 | \$62,846 | \$39.24 | \$81,603 |
| 49-9045 | Refractory Materials Repairers, Except Brickmasons | \$20.98 | \$43,635 | \$23.93 | \$49,773 | \$25.30 | \$52,617 |
| 49-9051 | Electrical Power-Line Installers and Repairers | \$40.29 | \$83,802 | \$51.23 | \$106,551 | \$54.83 | \$114,060 |
| 49-9052 | Telecommunications Line Installers and Repairers | \$22.85 | \$47,522 | \$38.18 | \$79,413 | \$41.88 | \$87,110 |
| 49-9061 | Camera and Photographic Equipment Repairers | \$17.65 | \$36,702 | \$21.27 | \$44,230 | \$27.85 | \$57,928 |
| 49-9062 | Medical Equipment Repairers | \$19.36 | \$40,256 | \$26.20 | \$54,491 | \$33.10 | \$68,850 |
| 49-9063 | Musical Instrument Repairers and Tuners | \$14.19 | \$29,518 | \$18.42 | \$38,304 | \$26.06 | \$54,214 |
| 49-9064 | Watch and Clock Repairers | \$16.13 | \$33,531 | \$17.28 | \$35,939 | \$21.87 | \$45,493 |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | \$21.51 | \$44,757 | \$29.82 | \$62,017 | \$40.80 | \$84,873 |
| 49-9071 | Maintenance and Repair Workers, General | \$16.70 | \$34,719 | \$24.20 | \$50,339 | \$30.63 | \$63,729 |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | \$13.20 | \$27,466 | \$17.33 | \$36,039 | \$20.62 | \$42,907 |
| 49-9094 | Locksmiths and Safe Repairers | \$16.44 | \$34,198 | \$24.08 | \$50,098 | \$29.41 | \$61,180 |
| 49-9096 | Riggers | \$16.13 | \$33,545 | \$26.12 | \$54,311 | \$33.44 | \$69,553 |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | \$14.95 | \$31,114 | \$16.23 | \$33,763 | \$20.49 | \$42,620 |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | \$17.46 | \$36,314 | \$23.66 | \$49,215 | \$30.51 | \$63,467 |
| 51-0000 | Production Occupations | \$15.65 | \$32,564 | \$19.92 | \$41,426 | \$26.26 | \$54,619 |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | \$22.29 | \$46,358 | \$31.31 | \$65,120 | \$39.27 | \$81,686 |
| 51-2011 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | \$25.81 | \$53,703 | \$38.14 | \$79,340 | \$39.00 | \$81,113 |
| 51-2021 | Coil Winders, Tapers, and Finishers | \$18.14 | \$37,749 | \$21.95 | \$45,653 | \$23.90 | \$49,700 |
| 51-2028 | Electrical, Electronic, and Electromechanical Assemblers, except Coil Winders, Tapers, and Finishers | \$15.48 | \$32,188 | \$18.51 | \$38,491 | \$22.02 | \$45,812 |
| 51-2031 | Engine and Other Machine Assemblers | \$15.39 | \$32,015 | \$19.47 | \$40,487 | \$22.89 | \$47,595 |
| 51-2041 | Structural Metal Fabricators and Fitters | \$18.34 | \$38,140 | \$22.92 | \$47,662 | \$29.13 | \$60,582 |
| 51-2090 | Miscellaneous Assemblers and Fabricators | \$15.08 | \$31,360 | \$18.54 | \$38,556 | \$22.77 | \$47,364 |
| 51-3011 | Bakers | \$13.89 | \$28,898 | \$16.07 | \$33,421 | \$18.97 | \$39,454 |
| 51-3021 | Butchers and Meat Cutters | \$14.02 | \$29,144 | \$18.11 | \$37,667 | \$21.11 | \$43,920 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | \$16.44 | \$34,199 | \$19.36 | \$40,265 | \$20.22 | \$42,041 |
| 51-3023 | Slaughterers and Meat Packers | \$17.10 | \$35,562 | \$19.74 | \$41,059 | \$21.18 | \$44,051 |
| 51-3091 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | \$18.82 | \$39,153 | \$20.51 | \$42,666 | \$23.46 | \$48,789 |
| 51-3092 | Food Batchmakers | \$15.39 | \$32,018 | \$19.34 | \$40,224 | \$24.31 | \$50,571 |
| 51-3093 | Food Cooking Machine Operators and Tenders | \$15.81 | \$32,873 | \$19.95 | \$41,487 | \$22.01 | \$45,790 |
| 51-3099 | Food Processing Workers, All Other | \$15.90 | \$33,085 | \$18.24 | \$37,932 | \$23.84 | \$49,592 |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | \$16.80 | \$34,952 | \$22.91 | \$47,642 | \$28.13 | \$58,506 |
| 51-4022 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic | \$19.64 | \$40,866 | \$23.40 | \$48,674 | \$24.73 | \$51,429 |
| 51-4023 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | \$18.19 | \$37,833 | \$23.28 | \$48,430 | \$28.75 | \$59,808 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | \$15.18 | \$31,591 | \$18.75 | \$38,993 | \$22.59 | \$47,000 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | \$20.77 | \$43,200 | \$25.64 | \$53,329 | \$26.37 | \$54,845 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | \$16.69 | \$34,728 | \$21.20 | \$44,091 | \$23.94 | \$49,794 |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | \$22.11 | \$45,991 | \$25.27 | \$52,566 | \$27.16 | \$56,486 |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | \$20.45 | \$42,524 | \$28.72 | \$59,743 | \$31.15 | \$64,792 |
| 51-4041 | Machinists | \$17.49 | \$36,380 | \$24.13 | \$50,185 | \$29.82 | \$62,005 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | \$19.27 | \$40,074 | \$23.32 | \$48,513 | \$26.05 | \$54,182 |
| 51-4052 | Pourers and Casters, Metal | \$17.38 | \$36,166 | \$24.29 | \$50,522 | \$29.59 | \$61,533 |
| 51-4062 | Patternmakers, Metal and Plastic | \$28.32 | \$58,920 | \$36.09 | \$75,071 | \$38.92 | \$80,964 |
| 51-4071 | Foundry Mold and Coremakers | \$18.72 | \$38,935 | \$21.38 | \$44,486 | \$23.39 | \$48,643 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | \$15.16 | \$31,544 | \$18.74 | \$38,966 | \$23.58 | \$49,062 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | \$16.15 | \$33,600 | \$22.05 | \$45,870 | \$24.59 | \$51,164 |
| 51-4111 | Tool and Die Makers | \$19.39 | \$40,333 | \$29.78 | \$61,953 | \$34.03 | \$70,778 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | \$17.67 | \$36,770 | \$23.37 | \$48,614 | \$27.49 | \$57,188 |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | \$20.39 | \$42,416 | \$21.20 | \$44,092 | \$26.75 | \$55,646 |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | \$16.90 | \$35,169 | \$21.68 | \$45,089 | \$24.38 | \$50,697 |
| 51-4193 | Plating Machine Setters, Operators, and Tenders, Metal and Plastic | \$14.85 | \$30,892 | \$17.71 | \$36,831 | \$20.03 | \$41,658 |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | \$17.26 | \$35,893 | \$17.85 | \$37,125 | \$22.19 | \$46,157 |
| 51-4199 | Metal Workers and Plastic Workers, All Other | \$17.63 | \$36,684 | \$23.69 | \$49,263 | \$25.61 | \$53,258 |
| 51-5111 | Prepress Technicians and Workers | \$15.06 | \$31,321 | \$19.31 | \$40,162 | \$25.08 | \$52,165 |
| 51-5112 | Printing Press Operators | \$14.21 | \$29,568 | \$18.85 | \$39,207 | \$24.01 | \$49,934 |
| 51-5113 | Print Binding and Finishing Workers | \$15.19 | \$31,605 | \$18.87 | \$39,259 | \$23.04 | \$47,936 |
| 51-6011 | Laundry and Dry-Cleaning Workers | \$13.36 | \$27,780 | \$15.02 | \$31,226 | \$16.82 | \$34,982 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | \$14.16 | \$29,452 | \$16.56 | \$34,444 | \$17.74 | \$36,898 |
| 51-6031 | Sewing Machine Operators | \$13.91 | \$28,931 | \$15.65 | \$32,560 | \$17.66 | \$36,737 |
| 51-6041 | Shoe and Leather Workers and Repairers | \$15.73 | \$32,710 | \$21.82 | \$45,391 | \$24.64 | \$51,237 |
| 51-6051 | Sewers, Hand | \$14.13 | \$29,383 | \$14.80 | \$30,784 | \$16.21 | \$33,697 |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | \$15.58 | \$32,397 | \$20.74 | \$43,145 | \$24.94 | \$51,868 |
| 51-6061 | Textile Bleaching and Dyeing Machine Operators and Tenders | \$13.25 | \$27,551 | \$15.55 | \$32,342 | \$17.67 | \$36,764 |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | \$15.11 | \$31,435 | \$18.15 | \$37,761 | \$22.72 | \$47,246 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | \$15.83 | \$32,931 | \$19.14 | \$39,811 | \$24.22 | \$50,383 |
| 51-6092 | Fabric and Apparel Patternmakers | \$20.69 | \$43,037 | \$30.20 | \$62,813 | \$32.64 | \$67,894 |
| 51-6093 | Upholsterers | \$14.86 | \$30,912 | \$19.45 | \$40,454 | \$21.53 | \$44,787 |
| 51-6099 | Textile, Apparel, and Furnishings Workers, All Other | \$15.61 | \$32,476 | \$19.58 | \$40,730 | \$23.61 | \$49,116 |
| 51-7011 | Cabinetmakers and Bench Carpenters | \$15.63 | \$32,512 | \$22.18 | \$46,132 | \$25.44 | \$52,908 |
| 51-7021 | Furniture Finishers | \$15.66 | \$32,579 | \$20.21 | \$42,031 | \$23.88 | \$49,655 |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | \$14.06 | \$29,239 | \$18.24 | \$37,941 | \$20.52 | \$42,688 |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | \$15.05 | \$31,291 | \$19.12 | \$39,782 | \$23.51 | \$48,902 |
| 51-7099 | Woodworkers, All Other | \$16.72 | \$34,778 | \$24.25 | \$50,444 | \$24.80 | \$51,582 |
| 51-8012 | Power Distributors and Dispatchers | \$35.80 | \$74,468 | \$46.66 | \$97,038 | \$52.24 | \$108,670 |
| 51-8013 | Power Plant Operators | \$32.42 | \$67,445 | \$49.14 | \$102,195 | \$54.28 | \$112,908 |
| 51-8021 | Stationary Engineers and Boiler Operators | \$36.07 | \$75,030 | \$53.11 | \$110,453 | \$56.42 | \$117,346 |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | \$22.87 | \$47,578 | \$31.61 | \$65,751 | \$37.80 | \$78,614 |
| 51-8091 | Chemical Plant and System Operators | \$26.14 | \$54,355 | \$34.62 | \$72,006 | \$37.54 | \$78,085 |
| 51-8092 | Gas Plant Operators | \$28.31 | \$58,895 | \$40.77 | \$84,789 | \$43.75 | \$91,004 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | \$37.82 | \$78,671 | \$52.75 | \$109,723 | \$60.39 | \$125,612 |
| 51-8099 | Plant and System Operators, All Other | \$26.93 | \$56,010 | \$32.65 | \$67,902 | \$34.84 | \$72,474 |
| 51-9011 | Chemical Equipment Operators and Tenders | \$20.09 | \$41,788 | \$28.93 | \$60,163 | \$32.64 | \$67,883 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | \$16.33 | \$33,973 | \$21.02 | \$43,728 | \$27.24 | \$56,667 |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | \$17.08 | \$35,534 | \$22.04 | \$45,843 | \$27.23 | \$56,651 |
| 51-9022 | Grinding and Polishing Workers, Hand | \$15.40 | \$32,030 | \$17.53 | \$36,470 | \$20.55 | \$42,738 |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | \$16.78 | \$34,903 | \$20.26 | \$42,141 | \$25.23 | \$52,482 |
| 51-9031 | Cutters and Trimmers, Hand | \$15.01 | \$31,203 | \$18.23 | \$37,918 | \$20.11 | \$41,840 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | \$18.77 | \$39,047 | \$23.34 | \$48,550 | \$26.43 | \$54,974 |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | \$14.45 | \$30,074 | \$17.95 | \$37,333 | \$21.13 | \$43,951 |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | \$16.40 | \$34,115 | \$18.53 | \$38,535 | \$27.10 | \$56,366 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | \$16.13 | \$33,553 | \$20.51 | \$42,666 | \$26.37 | \$54,847 |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | \$15.33 | \$31,876 | \$19.37 | \$40,305 | \$26.11 | \$54,306 |
| 51-9081 | Dental Laboratory Technicians | \$19.85 | \$41,287 | \$26.15 | \$54,385 | \$30.74 | \$63,954 |
| 51-9082 | Medical Appliance Technicians | \$15.85 | \$32,959 | \$18.24 | \$37,941 | \$26.06 | \$54,204 |
| 51-9083 | Ophthalmic Laboratory Technicians | \$13.55 | \$28,179 | \$14.48 | \$30,107 | \$17.60 | \$36,607 |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | \$15.12 | \$31,458 | \$18.30 | \$38,070 | \$21.26 | \$44,210 |
| 51-9123 | Painting, Coating, and Decorating Workers | \$13.67 | \$28,449 | \$17.65 | \$36,725 | \$21.68 | \$45,081 |
| 51-9124 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | \$16.44 | \$34,210 | \$22.16 | \$46,077 | \$26.28 | \$54,666 |
| 51-9151 | Photographic Process Workers and Processing Machine Operators | \$14.19 | \$29,527 | \$16.96 | \$35,276 | \$25.28 | \$52,591 |
| 51-9161 | Computer Numerically Controlled Tool Operators | \$17.07 | \$35,513 | \$21.88 | \$45,523 | \$25.98 | \$54,030 |
| 51-9162 | Computer Numerically Controlled Tool Programmers | \$23.42 | \$48,706 | \$30.22 | \$62,871 | \$35.84 | \$74,536 |
| 51-9191 | Adhesive Bonding Machine Operators and Tenders | \$20.76 | \$43,182 | \$25.22 | \$52,466 | \$25.81 | \$53,685 |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | \$16.71 | \$34,749 | \$32.72 | \$68,059 | N/A | N/A |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | \$18.05 | \$37,549 | \$25.05 | \$52,104 | \$28.26 | \$58,778 |
| 51-9194 | Etchers and Engravers | \$16.89 | \$35,135 | \$18.60 | \$38,689 | \$20.63 | \$42,915 |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | \$18.78 | \$39,069 | \$22.94 | \$47,716 | \$27.07 | \$56,324 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | \$17.05 | \$35,458 | \$23.33 | \$48,542 | \$25.87 | \$53,791 |
| 51-9197 | Tire Builders | \$20.74 | \$43,139 | \$24.63 | \$51,220 | \$26.13 | \$54,353 |
| 51-9198 | Helpers--Production Workers | \$15.57 | \$32,379 | \$17.99 | \$37,404 | \$20.89 | \$43,466 |
| 51-9199 | Production Workers, All Other | \$14.82 | \$30,819 | \$17.84 | \$37,111 | \$24.01 | \$49,934 |
| 53-0000 | Transportation and Material Moving Occupations | \$14.72 | \$30,635 | \$19.18 | \$39,894 | \$26.81 | \$55,747 |
| 53-1041 | Aircraft Cargo Handling Supervisors | \$23.30 | \$48,451 | \$26.95 | \$56,057 | \$33.82 | \$70,354 |
| 53-1047 | First-Line Supervisors of Transportation and Material-Moving Workers, Except Aircraft Cargo Handling Supervisors | \$21.55 | \$44,828 | \$30.33 | \$63,093 | \$36.74 | \$76,436 |
| 53-2011 | Airline Pilots, Copilots, and Flight Engineers | N/A | \$132,610 | N/A | \$234,419 | N/A | \$279,561 |
| 53-2012 | Commercial Pilots | N/A | \$51,977 | N/A | \$80,285 | N/A | \$115,914 |
| 53-2022 | Airfield Operations Specialists | \$19.76 | \$41,109 | \$29.21 | \$60,754 | \$39.14 | \$81,407 |


| SOC |  | Entry Wage |  | Median Wage |  | Experienced Wage |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | SOC Occupational Title | Hourly | Annual | Hourly | Annual | Hourly | Annual |
| 53-2031 | Flight Attendants | N/A | \$43,661 | N/A | \$63,817 | N/A | \$73,382 |
| 53-3011 | Ambulance Drivers and Attendants, Except Emergency Medical Technicians | \$13.01 | \$27,049 | \$15.40 | \$32,041 | \$17.29 | \$35,983 |
| 53-3031 | Driver/Sales Workers | \$12.80 | \$26,632 | \$17.43 | \$36,254 | \$20.57 | \$42,781 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | \$18.70 | \$38,897 | \$26.99 | \$56,138 | \$32.53 | \$67,655 |
| 53-3033 | Light Truck Drivers | \$14.69 | \$30,569 | \$22.75 | \$47,322 | \$29.49 | \$61,347 |
| 53-3051 | Bus Drivers, School | \$17.55 | \$36,512 | \$23.25 | \$48,357 | \$25.52 | \$53,061 |
| 53-3052 | Bus Drivers, Transit and Intercity | \$21.90 | \$45,572 | \$30.97 | \$64,420 | \$35.57 | \$73,982 |
| 53-3053 | Shuttle Drivers and Chauffeurs | \$13.48 | \$28,027 | \$14.69 | \$30,572 | \$17.90 | \$37,223 |
| 53-3054 | Taxi Drivers | \$12.93 | \$26,895 | \$14.31 | \$29,766 | \$15.98 | \$33,239 |
| 53-3099 | Motor Vehicle Operators, All Other | \$15.17 | \$31,566 | \$25.95 | \$53,981 | \$30.04 | \$62,496 |
| 53-4041 | Subway and Streetcar Operators | \$36.32 | \$75,548 | \$40.34 | \$83,925 | \$40.99 | \$85,260 |
| 53-5011 | Sailors and Marine Oilers | \$18.64 | \$38,757 | \$25.32 | \$52,660 | \$32.28 | \$67,148 |
| 53-5021 | Captains, Mates, and Pilots of Water Vessels | \$32.64 | \$67,900 | \$50.18 | \$104,359 | \$66.59 | \$138,493 |
| 53-5031 | Ship Engineers | \$34.17 | \$71,079 | \$46.62 | \$96,968 | \$54.60 | \$113,557 |
| 53-6011 | Bridge and Lock Tenders | \$24.94 | \$51,885 | \$32.38 | \$67,357 | \$34.67 | \$72,115 |
| 53-6021 | Parking Attendants | \$13.64 | \$28,371 | \$16.99 | \$35,356 | \$22.09 | \$45,949 |
| 53-6031 | Automotive and Watercraft Service Attendants | \$13.79 | \$28,679 | \$15.94 | \$33,150 | \$18.39 | \$38,251 |
| 53-6032 | Aircraft Service Attendants | \$14.65 | \$30,471 | \$15.06 | \$31,323 | \$19.76 | \$41,094 |
| 53-6041 | Traffic Technicians | \$18.77 | \$39,041 | \$20.80 | \$43,268 | \$27.92 | \$58,081 |
| 53-6051 | Transportation Inspectors | \$22.66 | \$47,135 | \$39.84 | \$82,881 | \$53.16 | \$110,588 |
| 53-6061 | Passenger Attendants | \$17.08 | \$35,511 | \$24.83 | \$51,652 | \$25.86 | \$53,780 |
| 53-6098 | Aircraft Service Attendants and Transportation Workers, All Other | \$16.14 | \$33,581 | \$20.23 | \$42,071 | \$22.16 | \$46,100 |
| 53-6099 | Transportation Workers, All Other | \$19.79 | \$41,178 | \$20.23 | \$42,071 | \$22.46 | \$46,700 |
| 53-7011 | Conveyor Operators and Tenders | \$16.56 | \$34,434 | \$18.08 | \$37,604 | \$21.38 | \$44,487 |
| 53-7021 | Crane and Tower Operators | \$18.09 | \$37,613 | \$24.54 | \$51,038 | \$35.00 | \$72,781 |
| 53-7041 | Hoist and Winch Operators | \$56.69 | \$117,914 | \$60.76 | \$126,377 | \$60.76 | \$126,377 |
| 53-7051 | Industrial Truck and Tractor Operators | \$17.98 | \$37,409 | \$22.60 | \$47,010 | \$24.94 | \$51,870 |
| 53-7061 | Cleaners of Vehicles and Equipment | \$13.13 | \$27,311 | \$14.90 | \$30,992 | \$18.39 | \$38,250 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | \$14.35 | \$29,850 | \$18.08 | \$37,589 | \$21.12 | \$43,939 |
| 53-7063 | Machine Feeders and Offbearers | \$17.32 | \$36,012 | \$19.93 | \$41,449 | \$26.12 | \$54,321 |
| 53-7064 | Packers and Packagers, Hand | \$14.44 | \$30,040 | \$17.23 | \$35,850 | \$18.52 | \$38,528 |
| 53-7065 | Stockers and Order Fillers | \$14.13 | \$29,402 | \$17.49 | \$36,384 | \$20.11 | \$41,844 |
| 53-7073 | Wellhead Pumpers | \$13.85 | \$28,816 | \$22.90 | \$47,635 | \$30.03 | \$62,458 |
| 53-7081 | Refuse and Recyclable Material Collectors | \$18.29 | \$38,062 | \$29.54 | \$61,441 | \$34.53 | \$71,823 |
| 53-7121 | Tank Car, Truck, and Ship Loaders | \$18.77 | \$39,040 | \$26.82 | \$55,769 | \$31.16 | \$64,807 |
| 53-7199 | Material Moving Workers, All Other | \$16.90 | \$35,141 | \$20.39 | \$42,408 | \$22.75 | \$47,316 |

## Technical Notes

## Collecting

Employment statistics are collected as part of a federal/state cooperative program called Occupational Employment and Wage Statistics or OEWS. Funding is provided by the U.S. Employment and Training Administration and the U.S. Bureau of Labor Statistics (BLS); the BLS also provides procedures and technical support while State Workforce Agencies (SWAs) collect the data. All states use the same codes making for uniformity across the nation.

The OEWS survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments. The survey uses the North American Industry Classification System (NAICS) to classify establishments (the physical location of a certain economic activity) and draws its sample primarily from reports submitted by employers to states’ Unemployment Insurance (UI) programs.
Occupational employment is the estimate of total wage and salary employment in an occupation across the industries surveyed. Employment is defined as the number of workers who can be classified as full- or parttime employees, including workers on paid vacations or other types of paid leave; workers on unpaid shortterm absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck. The survey does not cover the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.

## Reporting

Occupations are grouped in vertical clusters (for example, all computer-related occupations are together regardless of whether they are professional or clerical jobs) or industry clusters. Some occupations will appear more than once (if the occupation relates to several clusters, it will appear in each cluster).

## Survey Facts

In November 2002, the OEWS Survey changed from an annual national survey of 400,000 establishments to a semiannual national survey of 200,000 establishments. The OEWS survey samples and contacts establishments in May and November of each year and, over 3 years, contacts approximately 1.2 million employers. The full 3 -year sample allows the production of estimates at fine levels of geographic, industrial, and occupational detail.

Under the guidance of the BLS, state agencies update the wage data each year to provide the most current information for our customers. The OEWS program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division. The procedure assumes that there are no major differences by geography, industry, or detailed occupation within the occupational division. The wage rates for the highest wage interval are not updated.

The OEWS survey uses the Office of Management and Budget's (OMB) occupational classification system and the Standard Occupational Classification (SOC) system. The SOC system is the first OMB-required occupational classification system for federal agencies. The OEWS survey categorizes workers in 1 of more than 800 detailed occupations. Together, these detailed occupations make up 23 major occupational groups, one of which - military specific occupations - is not included in the OEWS survey. The major groups are as follows:

- Management occupations
- Business and financial operations occupations
- Computer and mathematical science occupations
- Architecture and engineering occupations
- Life, physical, and social science occupations
- Community and social service occupations
- Legal occupations
- Education, training, and library occupations
- Arts, design, entertainment, sports, and media occupations
- Healthcare practitioners and technical occupations
- Healthcare support occupations
- Protective service occupations
- Food preparation and serving related occupations
- Building and grounds cleaning and maintenance occupations
- Personal care and service occupations
- Sales and related occupations
- Office and administrative support occupations
- Farming, fishing, and forestry occupations
- Construction and extraction occupations
- Installation, maintenance, and repair occupations
- Production occupations
- Transportation and material moving occupations
- Military specific occupations (not surveyed in OEWS)

For more information about the SOC, please see the BLS website at http://www.bls.gov/soc.

An establishment is defined as an economic unit that processes goods or provides services, such as a factory, mine, or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity. The OEWS Survey currently uses the NAICS system to classify all establishments. The scope of this survey includes establishments in most NAICS sectors.

The sectors are: Logging (1133), support activities for crop production (1151), and support activities for animal production (1152) only; Mining; Utilities; Construction; Manufacturing; Wholesale trade; Retail trade; Transportation and warehousing; Information; Finance and insurance; Real estate and rental and leasing; Professional, scientific, and technical services; Management of companies and enterprises; Administrative and support and waste management and remediation services; Educational services; Healthcare and social assistance; Arts, entertainment, and recreation; Accommodation and food services; Other Services (except Federal, State, and Local Government); Federal, State, and Local Government (OEWS designation). For more information about NAICS, see the BLS Web site at http://www.bls.gov/bls/naics.htm

The OEWS survey includes establishments in NAICS sectors 11 (logging and agricultural support activities only), 21, 22, 23, 31-33, 42, 44-45, 48-49, 51, 52, 53, 54, 56, 61, 62, 71, 72, 81 (except private households), state government, and local government. The U.S. Postal Service and the executive branch of the federal government are also included.

Data for specific occupations are collected from establishments in those industries that are the predominant employers of those occupations Employees are reported in the occupation in which they are working, not necessarily for which they were trained.

## Reliability

All wage data published in this report have a relative error of 50 percent or less, unless noted. This reflects the magnitude of sampling error for the occupation. Sampling errors occur because observations are made only on a sample, not the entire population.

## Unavailable Data

Instances showing "N/A" in the data tables can be explained in the following ways:

- Wages for some occupations that do not generally work year-round, full-time, are reported either as hourly wages or annual salaries depending on how they are typically paid.
- The wage is equal to or greater than $\$ 100.00$ per hour or $\$ 208,000$ per year.
- Data were suppressed for confidentiality purposes.


## Survey Sample Stratification



## Wage Estimates

Employers reported their employment by occupation in each of twelve wage ranges, as below. Wage ranges or intervals are determined by the U.S. Department of Labor, Bureau of Labor Statistics.

| Interval | Hourly Wages | Annual Wages |
| :--- | :---: | :---: |
| Range A | Under $\$ 9.25$ | Under $\$ 19,240$ |
| Range B | $\$ 9.25$ to $\$ 11.99$ | $\$ 19,240$ to $\$ 24,959$ |
| Range C | $\$ 12.00$ to $\$ 15.49$ | $\$ 24,960$ to $\$ 32,239$ |
| Range D | $\$ 15.50$ to $\$ 19.74$ | $\$ 32,240$ to $\$ 41,079$ |
| Range E | $\$ 19.75$ to $\$ 25.49$ | $\$ 41,080$ to $\$ 53,039$ |
| Range F | $\$ 25.50$ to $\$ 32.74$ | $\$ 53,040$ to $\$ 68,119$ |
| Range G | $\$ 32.75$ to $\$ 41.99$ | $\$ 68,120$ to $\$ 87,359$ |
| Range H | $\$ 42.00$ to $\$ 53.99$ | $\$ 87,360$ to $\$ 112,319$ |
| Range I | $\$ 54.00$ to $\$ 69.49$ | $\$ 112,320$ to $\$ 144,559$ |
| Range J | $\$ 69.50$ to $\$ 89.49$ | $\$ 144,560$ to $\$ 186,159$ |
| Range K | $\$ 89.50$ to $\$ 114.99$ | $\$ 186,160$ to $\$ 239,199$ |
| Range L | $\$ 115.00$ and over | $\$ 239,200$ and over |

## Entry, Median and Experienced

Entry level, median, and experienced wages are calculated using wage data only from establishments in those industries that are the predominant employers for an occupation.

Excluded from the calculations are data from employers in industries that do not typically employ workers in that occupation.

Entry wage: The mean (average) of the bottom third of wages in an occupation.

Median wage: The estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above, the median wage.

Experienced wage: The mean (average) of the top twothirds of wages in an occupation.

## Confidentiality

Confidentiality guidelines are strictly observed. These guidelines are intended to preserve the anonymity of firms that participate in the survey and require that data for a particular occupation are suppressed (not shown in the report):

- when fewer than three firms responded for an occupation in a particular industry.
- when any one firm represents more than 50 percent of the employment in an occupation.
- when two firms combined represent more than 75 percent of the employment in an occupation.


## Included and Excluded Workers

Workers or employees included in the OEWS survey:

- workers who can be classified as full-time or parttime employees
- workers on paid vacations or other types of leave
- workers on unpaid or short-term absences
- salaried officers
- executives
- staff members of incorporated firms
- employees temporarily assigned to other units
- employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck.


## Workers or employees excluded from the OEWS survey:

- the self employed
- owners/partners of unincorporated firms
- unpaid family workers
- household workers

Wages for the OEWS survey are straight-time gross pay, exclusive of premium pay.

Included are:

- base rate
- cost of living allowances
- guaranteed pay
- hazardous duty pay
- incentive pay including commissions and production bonuses
- on-call pay
- tips

Excluded are:

- back pay
- jury duty pay
- overtime pay
- severance pay
- shift differentials
- nonproduction bonuses
- tuition reimbursements

For more information on the creation of the Occupational Employment and Wage Statistics, please see the Occupational Employment and Wages Technical Note at:
http://www.bls.gov/news.release/ocwage.tn.htm.

# Wage Data was prepared by the Economic Information and Analysis Division 

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