| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Total all occupations | 00－0000 | 444，400 | \＄13．89 | \＄16．34 | \＄21．65 | \＄26．38 | \＄29．73 | \＄41．92 | \＄28，878 | \＄33，992 | \＄45，034 | \＄54，880 | \＄61，839 | \＄87，181 |  |
| Chief Executives | 11－1011 | 550 | \＄82．66 | \＄103．53 |  | \＄172．41 |  |  | \＄171，931 | \＄215，341 |  | \＄358，612 |  |  | Determine and formulate policies and provide overall direction of companies or private and public sector organizations within guidelines set up by a board of directors or similar governing body．Plan，direct，or coordinate operational activities at the $h$ |
| General and Operations Managers | 11－1021 | 4，180 | \＄38．36 | \＄49．15 | \＄64．32 | \＄71．34 | \＄84．09 | \＄108．76 | \＄79，784 | \＄102，226 | \＄133，785 | \＄148，402 | \＄174，901 | \＄226，209 | Plan，direct，or coordinate the operations of public or private sector organizations，overseeing multiple departments or locations．Duties and responsibilities include formulating policies，managing daily operations，and planning the use of materials and |
| Advertising and Promotions Managers | 11－2011 | 10 | \＄32．52 | \＄40．43 | \＄51．31 | \＄61．25 | \＄92．84 | \＄92．84 | \＄67，646 | \＄84，096 | \＄106，723 | \＄127，414 | \＄193，124 | \＄193，124 | Plan，direct，or coordinate advertising policies and programs or produce collateral materials，such as posters，contests，coupons，or giveaways，to create extra interest in the purchase of a product or service for a department，an entire organization，or |
| Marketing Managers | 11－2021 | 100 | \＄48．83 | \＄61．31 | \＄68．18 | \＄74．79 | \＄83．98 | \＄106．93 | \＄101，550 | \＄127，506 | \＄141，816 | \＄155，542 | \＄174，686 | \＄222，409 | Plan，direct，or coordinate marketing policies and programs，such as determining the demand for products and services offered by a firm and its competitors，and identify potential customers．Develop pricing strategies with the goal of maximizing the firm |
| Sales Managers | 11－2022 | 520 | \＄41．78 | \＄57．41 | \＄79．52 | \＄86．15 | \＄115．41 |  | \＄86，903 | \＄119，414 | \＄165，396 | \＄179，203 | \＄240，058 |  | Plan，direct，or coordinate the actual distribution or movement of a product or service to the customer．Coordinate sales distribution by establishing sales territories，quotas，and goals and establish training programs for sales representatives．Analyze |
| Public Relations Managers | 11－2032 | 20 | \＄29．68 | \＄49．87 | \＄66．84 | \＄62．03 | \＄73．92 | \＄79．25 | \＄61，746 | \＄103，742 | \＄139，020 | \＄129，033 | \＄153，770 | \＄164，843 | Plan，direct，or coordinate activities designed to create or maintain a favorable public image or raise issue awareness for their organization or client． |
| Administrative Services Managers | 11－3012 | 440 | \＄34．66 | \＄39．32 | \＄49．11 | \＄49．90 | \＄55．06 | \＄67．75 | \＄72，091 | \＄81，781 | \＄102，144 | \＄103，804 | \＄114，508 | \＄140，904 | Plan，direct，or coordinate one or more administrative services of an organization，such as records and information management，mail distribution，and other office support services．Medical records administrators are included in â€œMedical and Health Ser |
| Facilities Managers | 11－3013 | 350 | \＄32．19 | \＄39．86 | \＄47．32 | \＄48．28 | \＄52．56 | \＄64．12 | \＄66，970 | \＄82，898 | \＄98，426 | \＄100，403 | \＄109，325 | \＄133，365 | Plan，direct，or coordinate operations and functionalities of facilities and buildings．May include surrounding grounds or multiple facilities of an organizationấ ${ }^{\text {TM }}$ s campus．Excludes â€œAdministrative Services Managersâє⿴囗玉国－3012），â€œProperty，Real Est |
| Computer and Information Systems Managers | 11－3021 | 280 | \＄52．84 | \＄65．03 | \＄79．51 | \＄80．85 | \＄96．13 | \＄105．98 | \＄109，909 | \＄135，260 | \＄165，385 | \＄168，161 | \＄199，956 | \＄220，442 | Plan，direct，or coordinate activities in such fields as electronic data processing，information systems，systems analysis，and computer programming．Excludes â€œComputer Occupationsấ国15－1211 through 15－1299）． |
| Financial Managers | 11－3031 | 750 | \＄52．34 | \＄63．89 | \＄75．19 | \＄82．90 | \＄92．37 | \＄110．39 | \＄108，864 | \＄132，894 | \＄156，402 | \＄172，422 | \＄192，130 | \＄229，620 | Plan，direct，or coordinate accounting，investing，banking，insurance， securities，and other financial activities of a branch，office，or department of an establishment．Excludes $\mathfrak{\text { }} € œ$ Financial Risk Specialistsâє⿴囗玉 13－2054）． |
| Industrial Production Managers | 11－3051 | 680 | \＄38．74 | \＄45．78 | \＄51．55 | \＄55．71 | \＄62．19 | \＄75．76 | \＄80，572 | \＄95，220 | \＄107，235 | \＄115，891 | \＄129，350 | \＄157，580 | Plan，direct，or coordinate the work activities and resources necessary for manufacturing products in accordance with cost，quality，and quantity specifications． |
| Purchasing Managers | 11－3061 | 80 | \＄49．89 | \＄51．71 | \＄62．21 | \＄72．99 | \＄91．35 | \＄106．14 | \＄103，783 | \＄107，553 | \＄129，381 | \＄151，834 | \＄190，000 | \＄220，760 | Plan，direct，or coordinate the activities of buyers，purchasing officers， and related workers involved in purchasing materials，products，and services．Includes wholesale or retail trade merchandising managers and procurement managers． |
| Transportation，Storage，and Distribution Managers | 11－3071 | 290 | \＄38．68 | \＄42．97 | \＄47．50 | \＄50．53 | \＄56．13 | \＄62．54 | \＄80，439 | \＄89，371 | \＄98，795 | \＄105，105 | \＄116，741 | \＄130，098 | Plan，direct，or coordinate transportation，storage，or distribution activities in accordance with organizational policies and applicable government laws or regulations．Includes logistics managers． |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Compensation and Benefits Managers | 11－3111 | 30 | \＄51．71 | \＄55．50 | \＄63．21 | \＄69．22 | \＄83．51 | \＄93．44 | \＄107，553 | \＄115，440 | \＄131，481 | \＄143，988 | \＄173，693 | \＄194，353 | Plan，direct，or coordinate compensation and benefits activities of an organization．Job analysis and position description managers are included in â€œHuman Resources Managersâє⿴囗玉 11－3121）． |
| Human Resources Managers | 11－3121 | 380 | \＄38．56 | \＄46．01 | \＄54．16 | \＄58．54 | \＄69．22 | \＄84．82 | \＄80，193 | \＄95，712 | \＄112，633 | \＄121，750 | \＄143，988 | \＄176，428 | Plan，direct，or coordinate human resources activities and staff of an organization．Excludes managers who primarily focus on compensation and benefits（11－3111）and training and development（11－3131）． |
| Training and Development Managers | 11－3131 | 40 | \＄39．35 | \＄47．44 | \＄55．89 | \＄56．00 | \＄62．34 | \＄78．85 | \＄81，863 | \＄98，652 | \＄116，239 | \＄116，475 | \＄129，668 | \＄164，003 | Plan，direct，or coordinate the training and development activities and staff of an organization． |
| Farmers，Ranchers，and Other Agricultural Managers | 11－9013 | 10 | \＄41．32 | \＄44．21 | \＄45．78 | \＄49．24 | \＄58．88 | \＄60．97 | \＄85，940 | \＄91，963 | \＄95，220 | \＄102，421 | \＄122，457 | \＄126，800 | Plan，direct，or coordinate the management or operation of farms， ranches，greenhouses，aquacultural operations，nurseries，timber tracts，or other agricultural establishments．May hire，train，and supervise farm workers or contract for services to carry |
| Construction Managers | 11－9021 | 690 | \＄40．80 | \＄45．94 | \＄52．49 | \＄57．39 | \＄62．98 | \＄70．74 | \＄84，854 | \＄95，568 | \＄109，171 | \＄119，384 | \＄131，020 | \＄147，132 | Plan，direct，or coordinate，usually through subordinate supervisory personnel，activities concerned with the construction and maintenance of structures，facilities，and systems．Participate in the conceptual development of a construction project and ove |
| Education and Childcare Administrators， Preschool and Daycare | 11－9031 | 100 | \＄18．50 | \＄25．39 | \＄28．49 | \＄29．38 | \＄30．75 | \＄44．90 | \＄38，473 | \＄52，814 | \＄59，236 | \＄61，100 | \＄63，958 | \＄93，387 | Plan，direct，or coordinate academic or nonacademic activities of preschools or childcare centers and programs，including before－and after－school care．Excludes â€œPreschool Teachers，Except Special <br>  |
| Education Administrators，Kindergarten through Secondary | 11－9032 | 660 |  |  |  |  |  |  | \＄65，894 | \＄78，288 | \＄85，981 | \＄87，456 | \＄103，486 | \＄105，525 | Plan，direct，or coordinate the academic，administrative，or auxiliary activities of kindergarten，elementary，or secondary schools． |
| Education Administrators，Postsecondary | 11－9033 | 240 | \＄39．40 | \＄41．20 | \＄51．02 | \＄60．79 | \＄66．89 | \＄106．37 | \＄81，945 | \＄85，694 | \＄106，119 | \＄126，441 | \＄139，122 | \＄221，251 | Plan，direct，or coordinate student instruction，administration，and services，as well as other research and educational activities，at postsecondary institutions，including universities，colleges，and junior and community colleges． |
| Education Administrators，All Other | 11－9039 | 80 | \＄31．04 | \＄34．80 | \＄40．12 | \＄40．99 | \＄44．02 | \＄50．12 | \＄64，552 | \＄72，378 | \＄83，451 | \＄85，264 | \＄91，574 | \＄104，244 | All education administrators not listed separately． |
| Architectural and Engineering Managers | 11－9041 | 210 | \＄53．09 | \＄58．96 | \＄74．01 | \＄75．77 | \＄85．04 | \＄105．30 | \＄110，431 | \＄122，631 | \＄153，934 | \＄157，590 | \＄176，888 | \＄219，018 | Plan，direct，or coordinate activities in such fields as architecture and engineering or research and development in these fields．Excludes â€œNatural Sciences Managers＂（11－9121）． |
| Food Service Managers | 11－9051 | 1，180 | \＄23．23 | \＄25．44 | \＄29．02 | \＄29．08 | \＄30．62 | \＄36．45 | \＄48，317 | \＄52，926 | \＄60，363 | \＄60，486 | \＄63，692 | \＄75，809 | Plan，direct，or coordinate activities of an organization or department that serves food and beverages．Excludes â€œChefs and Head CooksâєE （35－1011）． |
| Gambling Managers | 11－9071 | 40 | \＄33．72 | \＄34．90 | \＄34．90 | \＄39．01 | \＄40．77 | \＄52．32 | \＄70，135 | \＄72，583 | \＄72，583 | \＄81，136 | \＄84，793 | \＄108，833 | Plan，direct，or coordinate gambling operations in a casino．May formulate house rules． |
| Entertainment and Recreation Managers， Except Gambling | 11－9072 | 140 | \＄25．23 | \＄31．12 | \＄37．37 | \＄37．31 | \＄41．76 | \＄51．08 | \＄52，476 | \＄64，716 | \＄77，725 | \＄77，592 | \＄86，851 | \＄106，252 | Plan，direct，or coordinate entertainment and recreational activities and operations of a recreational facility，including cruise ships and parks． |
| Lodging Managers | 11－9081 | 290 | \＄22．88 | \＄24．70 | \＄30．49 | \＄30．75 | \＄37．42 | \＄40．93 | \＄47，600 | \＄51，369 | \＄63，415 | \＄63，948 | \＄77，827 | \＄85，131 | Plan，direct，or coordinate activities of an organization or department that provides lodging and other accommodations．Excludes â€œFood Service Managersấ国11－9051）in lodging establishments． |
| Medical and Health Services Managers | 11－9111 | 1，050 | \＄40．10 | \＄48．00 | \＄54．23 | \＄64．96 | \＄71．64 | \＄109．02 | \＄83，410 | \＄99，850 | \＄112，787 | \＄135，117 | \＄149，017 | \＄226，752 | Plan，direct，or coordinate medical and health services in hospitals， clinics，managed care organizations，public health agencies，or similar organizations． |
| Natural Sciences Managers | 11－9121 | 150 | \＄43．43 | \＄48．10 | \＄60．08 | \＄63．80 | \＄70．89 | \＄89．44 | \＄90，334 | \＄100，055 | \＄124，946 | \＄132，720 | \＄147，450 | \＄186，036 | Plan，direct，or coordinate activities in such fields as life sciences， physical sciences，mathematics，statistics，and research and development in these fields．Excludes â€œComputer and Information Systems Managersâ€ 国11－3021）and â€œArchitecture and E $^{\text {E }}$ |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Postmasters and Mail Superintendents | 11－9131 | 110 | \＄33．06 | \＄38．93 | \＄41．75 | \＄42．44 | \＄46．78 | \＄50．42 | \＄68，772 | \＄80，982 | \＄86，841 | \＄88，275 | \＄97，299 | \＄104，869 | Plan，direct，or coordinate operational，administrative，management， and support services of a U．S．post office；or coordinate activities of workers engaged in postal and related work in assigned post office． |
| Property，Real Estate，and Community Association Managers | 11－9141 | 1，160 | \＄18．39 | \＄20．15 | \＄23．29 | \＄25．42 | \＄28．16 | \＄34．43 | \＄38，238 | \＄41，915 | \＄48，450 | \＄52，875 | \＄58，560 | \＄71，610 | Plan，direct，or coordinate the selling，buying，leasing，or governance activities of commercial，industrial，or residential real estate properties Includes managers of homeowner and condominium associations， rented or leased housing units，buildings，o |
| Social and Community Service Managers | 11－9151 | 310 | \＄30．85 | \＄33．71 | \＄39．12 | \＄40．37 | \＄46．29 | \＄51．96 | \＄64，183 | \＄70，114 | \＄81，361 | \＄83，973 | \＄96，265 | \＄108，075 | Plan，direct，or coordinate the activities of a social service program or community outreach organization．Oversee the program or organizationâ $\epsilon^{\text {TMs }}$ s budget and policies regarding participant involvement，program requirements，and benefits．Work may involve |
| Emergency Management Directors | 11－9161 | 110 | \＄23．78 | \＄25．89 | \＄28．58 | \＄32．64 | \＄35．83 | \＄45．47 | \＄49，485 | \＄53，858 | \＄59，441 | \＄67，902 | \＄74，529 | \＄94，575 | Plan and direct disaster response or crisis management activities， provide disaster preparedness training，and prepare emergency plans and procedures for natural（e．g．，hurricanes，floods，earthquakes）， wartime，or technological（e．g．，nuclear power plan |
| Funeral Home Managers | 11－9171 | 40 | \＄31．00 | \＄31．13 | \＄32．89 | \＄36．08 | \＄39．10 | \＄45．83 | \＄64，460 | \＄64，747 | \＄68，424 | \＄75，041 | \＄81，330 | \＄95，312 | Plan，direct，or coordinate the services or resources of funeral homes． Includes activities such as determining prices for services or merchandise and managing the facilities of funeral homes．Excludes â€œMorticians，Undertakers，and Funeral Arrangersấ ？ |
| Personal Service Managers，All Other | 11－9179 | 10 | \＄31．35 | \＄33．41 | \＄39．73 | \＄37．85 | \＄40．78 | \＄44．63 | \＄65，218 | \＄69，510 | \＄82，631 | \＄78，718 | \＄84，813 | \＄92，823 | All personal service managers not listed separately．Excludes â€œFinancial Specialistsâ€ 1 13－2000）．Daycare Managers are included in Education and Childcare Administrators，Preschool and Daycare（11－ 9031）． |
| Managers，All Other | 11－9199 | 440 | \＄28．01 | \＄37．20 | \＄53．26 | \＄54．22 | \＄67．42 | \＄80．90 | \＄58，273 | \＄77，387 | \＄110，790 | \＄112，767 | \＄140，239 | \＄168，274 | All managers not listed separately． |
| Buyers and Purchasing Agents | 13－1020 | 1，120 | \＄24．84 | \＄29．12 | \＄34．26 | \＄36．86 | \＄41．22 | \＄48．90 | \＄51，656 | \＄60，568 | \＄71，261 | \＄76，690 | \＄85，735 | \＄101，704 |  |
| Claims Adjusters，Examiners，and Investigators | 13－1031 | 980 | \＄23．27 | \＄30．61 | \＄36．91 | \＄37．14 | \＄42．71 | \＄50．30 | \＄48，399 | \＄63，671 | \＄76，772 | \＄77，243 | \＄88，849 | \＄104，633 | Review settled claims to determine that payments and settlements are made in accordance with company practices and procedures．Confer with legal counsel on claims requiring litigation．May also settle insurance claims．Excludes＂Fire Inspectors and Inves |
| Insurance Appraisers，Auto Damage | 13－1032 | 50 | \＄23．57 | \＄25．85 | \＄33．46 | \＄30．53 | \＄33．98 | \＄34．63 | \＄49，013 | \＄53，776 | \＄69，602 | \＄63，507 | \＄70，678 | \＄72，030 | Appraise automobile or other vehicle damage to determine repair costs for insurance claim settlement．Prepare insurance forms to indicate repair cost or cost estimates and recommendations．May seek agreement with automotive repair shop on repair costs． |
| Compliance Officers | 13－1041 | 1，060 | \＄24．48 | \＄28．25 | \＄32．46 | \＄35．22 | \＄39．01 | \＄49．58 | \＄50，919 | \＄58，765 | \＄67，523 | \＄73，249 | \＄81，126 | \＄103，118 | Examine，evaluate，and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits，and perform other compliance and enforcement inspection and analysis activities not classified elsewhere．Ex |
| Cost Estimators | 13－1051 | 950 | \＄24．60 | \＄27．72 | \＄35．33 | \＄35．29 | \＄40．33 | \＄47．73 | \＄51，185 | \＄57，648 | \＄73，484 | \＄73，392 | \＄83，871 | \＄99，287 | Prepare cost estimates for product manufacturing，construction projects，or services to aid management in bidding on or determining price of product or service．May specialize according to particular service performed or type of product manufactured． |
| Human Resources Specialists | 13－1071 | 1，490 | \＄21．82 | \＄24．18 | \＄28．91 | \＄32．25 | \＄38．71 | \＄46．19 | \＄45，377 | \＄50，294 | \＄60，127 | \＄67，072 | \＄80，521 | \＄96，070 | Recruit，screen，interview，or place individuals within an organization． May perform other activities in multiple human resources areas． Excludes â€œCompensation，Benefits，and Job Analysis Specialistsâ€⿴囗十？ （13－1141）and â€œTraining and Development Special |
| Labor Relations Specialists | 13－1075 | 40 | \＄23．16 | \＄23．97 | \＄27．27 | \＄32．51 | \＄37．08 | \＄45．37 | \＄48，163 | \＄49，843 | \＄56，716 | \＄67，615 | \＄77，131 | \＄94，360 | Resolve disputes between workers and managers，negotiate collective bargaining agreements，or coordinate grievance procedures to handle employee complaints．Excludes equal employment opportunity（EEO） officers，who are included in â€œCompliance Officersâ |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Logisticians | 13－1081 | 200 | \＄26．21 | \＄30．54 | \＄34．75 | \＄37．02 | \＄41．96 | \＄51．74 | \＄54，524 | \＄63，528 | \＄72，286 | \＄76，987 | \＄87，282 | \＄107，614 | Analyze and coordinate the ongoing logistical functions of a firm or organization．Responsible for the entire life cycle of a product， including acquisition，distribution，internal allocation，delivery，and final disposal of resources．Excludes â€œTransp |
| Project Management Specialists | 13－1082 | 1，450 | \＄25．31 | \＄30．99 | \＄39．36 | \＄41．54 | \＄49．10 | \＄59．82 | \＄52，639 | \＄64，450 | \＄81，873 | \＄86，390 | \＄102，103 | \＄124，413 | Analyze and coordinate the schedule，timeline，procurement，staffing， and budget of a product or service on a per project basis．Lead and guide the work of technical staff．May serve as a point of contact for the client or customer．Excludes â€œManagemen |
| Management Analysts | 13－1111 | 2，870 | \＄25．73 | \＄30．69 | \＄39．14 | \＄42．94 | \＄51．48 | \＄67．64 | \＄53，510 | \＄63，825 | \＄81，402 | \＄89，320 | \＄107，082 | \＄140，669 | Conduct organizational studies and evaluations，design systems and procedures，conduct work simplification and measurement studies，and prepare operations and procedures manuals to assist management in operating more efficiently and effectively．Includes |
| Meeting，Convention，and Event Planners | 13－1121 | 270 | \＄17．36 | \＄19．28 | \＄22．23 | \＄23．13 | \＄25．11 | \＄30．27 | \＄36，117 | \＄40，092 | \＄46，237 | \＄48，112 | \＄52，230 | \＄62，954 | Coordinate activities of staff，convention personnel，or clients to make arrangements for group meetings，events，or conventions． |
| Fundraisers | 13－1131 | 90 | \＄16．47 | \＄27．86 | \＄30．76 | \＄30．65 | \＄36．00 | \＄40．00 | \＄34，253 | \＄57，956 | \＄63，989 | \＄63，743 | \＄74，887 | \＄83，205 | Organize activities to raise funds or otherwise solicit and gather monetary donations or other gifts for an organization．May design and produce promotional materials．May also raise awareness of the organizationấ ${ }^{\text {TM }}$ s work，goals，and financial needs． |
| Compensation，Benefits，and Job Analysis Specialists | 13－1141 | 880 | \＄22．46 | \＄25．41 | \＄29．52 | \＄30．91 | \＄34．86 | \＄41．52 | \＄46，729 | \＄52，855 | \＄61，397 | \＄64，306 | \＄72，501 | \＄86，339 | Conduct programs of compensation and benefits and job analysis for employer．May specialize in specific areas，such as position classification and pension programs． |
| Training and Development Specialists | 13－1151 | 570 | \＄19．90 | \＄23．37 | \＄28．64 | \＄30．05 | \＄34．51 | \＄40．86 | \＄41，392 | \＄48，624 | \＄59，574 | \＄62，514 | \＄71，784 | \＄84，987 | Design or conduct work－related training and development programs to improve individual skills or organizational performance．May analyze organizational training needs or evaluate training effectiveness． Excludes â€œCareer／Technical Education Teachers，Po |
| Market Research Analysts and Marketing Specialists | 13－1161 | 1，480 | \＄22．64 | \＄25．11 | \＄30．52 | \＄33．98 | \＄40．45 | \＄48．50 | \＄47，077 | \＄52，219 | \＄63，497 | \＄70，667 | \＄84，137 | \＄100，885 | Research conditions in local，regional，national，or online markets． Gather information to determine potential sales of a product or service，or plan a marketing or advertising campaign．May gather information on competitors，prices，sales，and methods o |
| Business Operations Specialists，All Other | 13－1199 | 920 | \＄26．06 | \＄32．81 | \＄39．89 | \＄42．56 | \＄50．91 | \＄61．49 | \＄54，207 | \＄68，240 | \＄82，969 | \＄88，531 | \＄105，893 | \＄127，896 | All business operations specialists not listed separately． |
| Accountants and Auditors | 13－2011 | 6，170 | \＄27．18 | \＄30．60 | \＄36．99 | \＄38．33 | \＄42．39 | \＄52．30 | \＄56，522 | \＄63，641 | \＄76，936 | \＄79，732 | \＄88，163 | \＄108，782 | Examine，analyze，and interpret accounting records to prepare financial statements，give advice，or audit and evaluate statements prepared by others．Install or advise on systems of recording costs or other financial and budgetary data．Excludes â€œTax E |
| Property Appraisers and Assessors | 13－2020 | 400 | \＄18．82 | \＄23．90 | \＄25．76 | \＄28．19 | \＄29．52 | \＄39．58 | \＄39，129 | \＄49，710 | \＄53，582 | \＄58，632 | \＄61，408 | \＄82，334 |  |
| Budget Analysts | 13－2031 | 120 | \＄26．83 | \＄30．00 | \＄35．63 | \＄37．41 | \＄42．14 | \＄51．83 | \＄55，805 | \＄62，401 | \＄74，099 | \＄77，817 | \＄87，650 | \＄107，809 | Examine budget estimates for completeness，accuracy，and conformance with procedures and regulations．Analyze budgeting and accounting reports．Excludes â€œFinancial and Investment Analystsâ€⿴囗十？ （13－2051）． |
| Credit Analysts | 13－2041 | 340 | \＄22．71 | \＄26．19 | \＄31．98 | \＄36．15 | \＄39．20 | \＄61．88 | \＄47，231 | \＄54，483 | \＄66，519 | \＄75，185 | \＄81，535 | \＄128，705 | Analyze credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money．Prepare reports with credit information for use in decisionmaking．Excludes â€œFinancial Risk Specialistsâ |
| Financial and Investment Analysts | 13－2051 | 620 | \＄21．13 | \＄29．38 | \＄39．32 | \＄42．38 | \＄50．40 | \＄67．68 | \＄43，953 | \＄61，110 | \＄81，802 | \＄88，142 | \＄104，818 | \＄140，771 | Conduct quantitative analyses of information involving investment programs or financial data of public or private institutions，including valuation of businesses．Excludes â€œBudget Analystsâ€ ${ }^{\text {13 }} 13$－2031）， â€œFinancial Risk Specialistsâ€ 1 13－2054），and â |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Personal Financial Advisors | 13-2052 | 430 | \$34.48 | \$39.94 | \$51.94 | \$61.05 | \$81.11 | \$103.38 | \$71,712 | \$83,082 | \$108,034 | \$126,984 | \$168,704 | \$215,034 | Advise clients on financial plans using knowledge of tax and investment strategies, securities, insurance, pension plans, and real estate. Duties include assessing clients' assets, liabilities, cash flow, insurance coverage, tax status, and financial obj |
| Insurance Underwriters | 13-2053 | 190 | \$30.06 | \$31.78 | \$49.03 | \$56.74 | \$64.41 | \$100.45 | \$62,534 | \$66,119 | \$101,991 | \$118,001 | \$133,960 | \$208,949 | Review individual applications for insurance to evaluate degree of risk involved and determine acceptance of applications. |
| Financial Risk Specialists | 13-2054 | 70 | \$31.20 | \$36.23 | \$46.39 | \$47.68 | \$62.92 | \$69.00 | \$64,890 | \$75,348 | \$96,490 | \$99,184 | \$130,876 | \$143,506 | Analyze and measure exposure to credit and market risk threatening the assets, earning capacity, or economic state of an organization. May make recommendations to limit risk. Excludes â€œCredit Analystsấ 回 (13-2041). |
| Financial Examiners | 13-2061 | 130 | \$27.61 | \$33.17 | \$38.72 | \$46.63 | \$52.16 | \$77.44 | \$57,423 | \$68,977 | \$80,531 | \$96,972 | \$108,485 | \$161,073 | Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. May examine, verify, or authenticate records. |
| Credit Counselors | 13-2071 | 60 | \$16.58 | \$18.27 | \$23.46 | \$28.54 | \$36.98 | \$52.43 | \$34,499 | \$38,002 | \$48,778 | \$59,349 | \$76,916 | \$109,059 | Advise and educate individuals or organizations on acquiring and managing debt. May provide guidance in determining the best type of loan and explain loan requirements or restrictions. May help develop debt management plans or student financial aid packa |
| Loan Officers | 13-2072 | 2,000 | \$25.69 | \$30.75 | \$37.75 | \$39.86 | \$45.87 | \$54.32 | \$53,438 | \$63,958 | \$78,503 | \$82,898 | \$95,404 | \$112,982 | Evaluate, authorize, or recommend approval of commercial, real estate, or credit loans. Advise borrowers on financial status and payment methods. Includes mortgage loan officers and agents, collection analysts, loan servicing officers, and loan underwrit |
| Tax Examiners and Collectors, and Revenue Agents | 13-2081 | 120 | \$21.40 | \$22.47 | \$25.63 | \$28.97 | \$30.91 | \$38.27 | \$44,506 | \$46,750 | \$53,305 | \$60,260 | \$64,296 | \$79,599 | Determine tax liability or collect taxes from individuals or business firms according to prescribed laws and regulations. |
| Tax Preparers | 13-2082 | 390 | \$17.92 | \$18.80 | \$23.53 | \$24.72 | \$28.17 | \$34.39 | \$37,275 | \$39,098 | \$48,942 | \$51,410 | \$58,591 | \$71,517 | Prepare tax returns for individuals or small businesses. Excludes â€œAccountants and Auditorsâ€ 1 13-2011). |
| Computer Systems Analysts | 15-1211 | 1,010 | \$32.70 | \$38.67 | \$45.71 | \$49.21 | \$57.30 | \$72.41 | \$68,014 | \$80,449 | \$95,078 | \$102,351 | \$119,184 | \$150,616 | Analyze science, engineering, business, and other data processing problems to develop and implement solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions, impro |
| Information Security Analysts | 15-1212 | 500 | \$35.95 | \$42.91 | \$50.54 | \$50.63 | \$57.05 | \$66.37 | \$74,772 | \$89,247 | \$105,132 | \$105,328 | \$118,669 | \$138,037 | Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. Assess system vulnerabilities for security risks and propose and implement risk mitigation strategies. May ensure appropriate security control |
| Computer Network Support Specialists | 15-1231 | 530 | \$19.65 | \$22.36 | \$25.71 | \$26.87 | \$29.80 | \$35.22 | \$40,868 | \$46,493 | \$53,488 | \$55,878 | \$61,987 | \$73,258 | Analyze, test, troubleshoot, and evaluate existing network systems, such as local area networks (LAN), wide area networks (WAN), cloud networks, servers, and other data communications networks. Perform network maintenance to ensure networks operate corre |
| Computer User Support Specialists | 15-1232 | 1,200 | \$15.56 | \$19.48 | \$22.92 | \$23.50 | \$26.57 | \$30.93 | \$32,348 | \$40,518 | \$47,678 | \$48,873 | \$55,260 | \$64,336 | Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically. May provide assistance concerning the use of computer hardware and software, including printing, instal |
| Computer Network Architects | 15-1241 | 740 | \$52.40 | \$62.67 | \$75.77 | \$76.46 | \$87.18 | \$104.56 | \$108,985 | \$130,352 | \$157,611 | \$159,033 | \$181,316 | \$217,476 | Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning, including analysis of cap |
| Database Administrators | 15-1242 | 150 | \$29.67 | \$34.67 | \$41.75 | \$41.26 | \$49.27 | \$53.27 | \$61,720 | \$72,104 | \$86,846 | \$85,806 | \$102,485 | \$110,819 | Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. Identify, investigate, and resolve database performance issues, database capacity, and database scalability. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Leve | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Database Architects | 15－1243 | 50 | \＄47．15 | \＄50．05 | \＄56．18 | \＄57．56 | \＄64．24 | \＄65．35 | \＄98，086 | \＄104，092 | \＄116，836 | \＄119，720 | \＄133，638 | \＄135，915 | Design strategies for enterprise databases，data warehouse systems， and multidimensional networks．Set standards for database operations， programming，query processes，and security．Model，design，and construct large relational databases or data warehous |
| Network and Computer Systems Administrators | 15－1244 | 1，890 | \＄25．15 | \＄29．40 | \＄33．08 | \＄35．66 | \＄41．08 | \＄48．88 | \＄52，304 | \＄61，163 | \＄68，807 | \＄74，154 | \＄85，445 | \＄101，681 | Install，configure，and maintain an organizationâ ${ }^{\text {TM }}$ s local area network （LAN），wide area network（WAN），data communications network， operating systems，and physical and virtual servers．Perform system monitoring and verify the integrity and availability |
| Computer Programmers | 15－1251 | 100 | \＄26．40 | \＄27．24 | \＄27．24 | \＄32．36 | \＄32．29 | \＄54．41 | \＄54，910 | \＄56，661 | \＄56，661 | \＄67，293 | \＄67，149 | \＄113，158 | Create，modify，and test the code and scripts that allow computer applications to run．Work from specifications drawn up by software and web developers or other individuals．May develop and write computer programs to store，locate，and retrieve specific |
| Software Developers | 15－1252 | 2，240 | \＄25．95 | \＄32．63 | \＄41．03 | \＄46．81 | \＄52．26 | \＄80．58 | \＄53，983 | \＄67，860 | \＄85，353 | \＄97，354 | \＄108，707 | \＄167，604 | Research，design，and develop computer and network software or specialized utility programs．Analyze user needs and develop software solutions，applying principles and techniques of computer science， engineering，and mathematical analysis．Update softwar |
| Software Quality Assurance Analysts and Testers | 15－1253 | 310 | \＄24．68 | \＄27．63 | \＄31．86 | \＄33．81 | \＄39．57 | \＄46．17 | \＄51，335 | \＄57，465 | \＄66，273 | \＄70，322 | \＄82，303 | \＄96，046 | Develop and execute software tests to identify software problems and their causes．Test system modifications to prepare for implementation． Document software and application defects using a bug tracking system and report defects to software or web develo |
| Web Developers | 15－1254 | 400 | \＄19．57 | \＄23．05 | \＄25．15 | \＄26．14 | \＄25．98 | \＄33．22 | \＄40，724 | \＄47，946 | \＄52，304 | \＄54，364 | \＄54，045 | \＄69，116 | Develop and implement websites，web applications，application databases，and interactive web interfaces．Evaluate code to ensure that it is properly structured，meets industry standards，and is compatible with browsers and devices．Optimize website perfo |
| Web and Digital Interface Designers | 15－1255 | 90 | \＄32．66 | \＄41．39 | \＄59．24 | \＄53．94 | \＄62．10 | \＄63．45 | \＄67，932 | \＄86，105 | \＄123，213 | \＄112，200 | \＄129，167 | \＄131，990 | Design digital user interfaces or websites．Develop and test layouts， interfaces，functionality，and navigation menus to ensure compatibility and usability across browsers or devices．May use web framework applications as well as client－side code and pro |
| Computer Occupations，All Other | 15－1299 | 210 | \＄32．62 | \＄38．13 | \＄45．06 | \＄46．09 | \＄53．32 | \＄61．79 | \＄67，839 | \＄79，305 | \＄93，728 | \＄95，871 | \＄110，912 | \＄128，528 | All computer occupations not listed separately．Excludes â€œComputer and Information Systems Managersâ€国11－3021），â€œComputer Hardware Engineersâ€国17－2061），â€œElectrical and Electronics Engineersâ€国17－2070），â€œComputer Science Teachers，Postsecon |
| Actuaries | 15－2011 | 70 | \＄40．48 | \＄52．07 | \＄53．88 | \＄59．68 | \＄78．06 | \＄81．45 | \＄84，178 | \＄108，295 | \＄112，076 | \＄124，140 | \＄162，360 | \＄169，417 | Analyze statistical data，such as mortality，accident，sickness，disability， and retirement rates and construct probability tables to forecast risk and liability for payment of future benefits．May ascertain insurance rates required and cash reserves nec |
| Operations Research Analysts | 15－2031 | 20 | \＄29．60 | \＄39．24 | \＄53．97 | \＄51．30 | \＄60．23 | \＄71．46 | \＄61，565 | \＄81，613 | \＄112，272 | \＄106，709 | \＄125，273 | \＄148，628 | Formulate and apply mathematical modeling and other optimizing methods to develop and interpret information that assists management with decisionmaking，policy formulation，or other managerial functions．May collect and analyze data and develop decision |
| Statisticians | 15－2041 | 20 | \＄24．64 | \＄27．77 | \＄32．09 | \＄36．54 | \＄43．22 | \＄53．32 | \＄51，253 | \＄57，774 | \＄66，747 | \＄76，019 | \＄89，896 | \＄110，912 | Develop or apply mathematical or statistical theory and methods to collect，organize，interpret，and summarize numerical data to provide usable information．May specialize in fields such as biostatistics， agricultural statistics，business statistics，or |
| Data Scientists | 15－2051 | 150 | \＄31．78 | \＄41．57 | \＄45．30 | \＄48．51 | \＄56．48 | \＄66．36 | \＄66，098 | \＄86，465 | \＄94，223 | \＄100，898 | \＄117，474 | \＄138，017 | Develop and implement a set of techniques or analytics applications to transform raw data into meaningful information using data－oriented programming languages and visualization software．Apply data mining， data modeling，natural language processing，and |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Architects，Except Landscape and Naval | 17－1011 | 160 | \＄36．83 | \＄39．06 | \＄49．85 | \＄48．28 | \＄51．50 | \＄63．25 | \＄76，596 | \＄81，232 | \＄103，680 | \＄100，404 | \＄107，131 | \＄131，568 | Plan and design structures，such as private residences，office buildings， theaters，factories，and other structural property．Excludes â€œLandscape Architectsâє⿴囗玉 17－1012）and â€œMarine Engineers and Naval Architectsấ ${ }^{\text {17－2121 }}$ ）． |
| Landscape Architects | 17－1012 | 60 | \＄20．27 | \＄29．34 | \＄34．32 | \＄35．31 | \＄45．43 | \＄46．42 | \＄42，177 | \＄61，019 | \＄71，383 | \＄73，433 | \＄94，490 | \＄96，551 | Plan and design land areas for projects such as parks and other recreational facilities，airports，highways，hospitals，schools，land subdivisions，and commercial，industrial，and residential sites． |
| Cartographers and Photogrammetrists | 17－1021 | 100 | \＄18．30 | \＄22．76 | \＄30．03 | \＄31．07 | \＄36．14 | \＄44．55 | \＄38，066 | \＄47，338 | \＄62，451 | \＄64，614 | \＄75，164 | \＄92，657 | Research，study，and prepare maps and other spatial data in digital or graphic form for one or more purposes，such as legal，social，political， educational，and design purposes．May work with Geographic Information Systems（GIS）．May design and evaluate |
| Surveyors | 17－1022 | 120 | \＄27．33 | \＄36．11 | \＄42．42 | \＄42．19 | \＄46．78 | \＄53．37 | \＄56，847 | \＄75，112 | \＄88，237 | \＄87，753 | \＄97，293 | \＄111，025 | Make exact measurements and determine property boundaries． Provide data relevant to the shape，contour，gravitation，location， elevation，or dimension of land or land features on or near the earthâ ${ }^{\mathrm{TM}}$ s surface for engineering，mapmaking，mining，land eval |
| Aerospace Engineers | 17－2011 |  | \＄39．06 | \＄64．73 | \＄103．19 | \＄84．73 | \＄106．78 | \＄106．78 | \＄81，232 | \＄134，638 | \＄214，633 | \＄176，248 | \＄222，112 | \＄222，112 | Perform engineering duties in designing，constructing，and testing aircraft，missiles，and spacecraft．May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture．May recommend improvemen |
| Civil Engineers | 17－2051 | 1，330 | \＄31．04 | \＄36．65 | \＄42．30 | \＄45．01 | \＄51．80 | \＄61．44 | \＄64，563 | \＄76，246 | \＄87，990 | \＄93，615 | \＄107，739 | \＄127，797 | Perform engineering duties in planning，designing，and overseeing construction and maintenance of building structures and facilities，such as roads，railroads，airports，bridges，harbors，channels，dams，irrigation projects，pipelines，power plants，and |
| Electrical Engineers | 17－2071 | 350 | \＄32．27 | \＄38．76 | \＄44．00 | \＄48．06 | \＄56．25 | \＄67．25 | \＄67，108 | \＄80，614 | \＄91，523 | \＄99，951 | \＄116，990 | \＄139，881 | Research，design，develop，test，or supervise the manufacturing and installation of electrical equipment，components，or systems for commercial，industrial，military，or scientific use．Excludes â€œComputer Hardware Engineers＂（17－2061）． |
| Electronics Engineers，Except Computer | 17－2072 | 140 | \＄31．65 | \＄36．15 | \＄38．60 | \＄43．12 | \＄47．41 | \＄61．64 | \＄65，820 | \＄75，195 | \＄80，294 | \＄89，700 | \＄98，622 | \＄128，199 | Research，design，develop，or test electronic components and systems for commercial，industrial，military，or scientific use employing knowledge of electronic theory and materials properties．Design electronic circuits and components for use in fields su |
| Environmental Engineers | 17－2081 | 100 | \＄27．87 | \＄28．83 | \＄45．12 | \＄43．08 | \＄55．75 | \＄63．79 | \＄57，970 | \＄59，958 | \＄93，852 | \＄89，618 | \＄115，960 | \＄132，680 | Research，design，plan，or perform engineering duties in the prevention，control，and remediation of environmental hazards using various engineering disciplines．Work may include waste treatment， site remediation，or pollution control technology． |
| Health and Safety Engineers，Except Mining Safety Engineers and Inspectors | 17－2111 | 20 | \＄35．41 | \＄38．61 | \＄49．92 | \＄53．21 | \＄66．40 | \＄71．57 | \＄73，639 | \＄80，305 | \＄103，845 | \＄110，685 | \＄138，109 | \＄148，865 | Promote worksite or product safety by applying knowledge of industrial processes，mechanics，chemistry，psychology，and industrial health and safety laws．Includes industrial product safety engineers． |
| Industrial Engineers | 17－2112 | 870 | \＄32．19 | \＄38．38 | \＄43．20 | \＄46．72 | \＄51．14 | \＄68．18 | \＄66，963 | \＄79，820 | \＄89，844 | \＄97，169 | \＄106，369 | \＄141，808 | Design，develop，test，and evaluate integrated systems for managing industrial production processes，including human work factors，quality control，inventory control，logistics and material flow，cost analysis，and production coordination．Excludes â€œHe |
| Mechanical Engineers | 17－2141 | 690 | \＄20．50 | \＄33．08 | \＄41．63 | \＄42．07 | \＄51．73 | \＄55．71 | \＄42，640 | \＄68，807 | \＄86，589 | \＄87，506 | \＄107，605 | \＄115，878 | Perform engineering duties in planning and designing tools，engines， machines，and other mechanically functioning equipment．Oversee installation，operation，maintenance，and repair of equipment such as centralized heat，gas，water，and steam systems． |
| Mining and Geological Engineers，Including Mining Safety Engineers | 17－2151 | 30 | \＄35．10 | \＄39．48 | \＄49．40 | \＄47．04 | \＄49．41 | \＄59．75 | \＄73，011 | \＄82，107 | \＄102，742 | \＄97，839 | \＄102，763 | \＄124，284 | Conduct subsurface surveys to identify the characteristics of potential land or mining development sites．May specify the ground support systems，processes，and equipment for safe，economical，and environmentally sound extraction or underground construct |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Engineers, All Other | 17-2199 | 100 |  |  |  |  |  |  |  |  |  |  |  |  | All engineers not listed separately. Excludes â€œSales Engineersâ€ ${ }^{(41-}$ 9031), â€œLocomotive Engineersâf国53-4011), and â€œShip Engineersấ国53-5031). |
| Architectural and Civil Drafters | 17-3011 | 380 | \$16.86 | \$19.73 | \$23.28 | \$23.79 | \$27.79 | \$30.84 | \$35,068 | \$41,033 | \$48,420 | \$49,470 | \$57,805 | \$64,161 | Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Use knowledge of building materials, engineering pr |
| Electrical and Electronics Drafters | 17-3012 | 30 | \$19.02 | \$20.23 | \$25.91 | \$26.75 | \$32.59 | \$33.87 | \$39,550 | \$42,084 | \$53,900 | \$55,662 | \$67,767 | \$70,466 | Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for the manufacture, installation, or repair of electrical equipment. |
| Mechanical Drafters | 17-3013 | 170 | \$20.77 | \$22.80 | \$25.22 | \$27.22 | \$31.17 | \$36.45 | \$43,186 | \$47,431 | \$52,448 | \$56,610 | \$64,831 | \$75,813 | Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information. |
| Civil Engineering Technologists and Technicians | 17-3022 | 430 | \$21.84 | \$24.13 | \$26.62 | \$27.79 | \$31.25 | \$35.47 | \$45,432 | \$50,181 | \$55,374 | \$57,805 | \$64,996 | \$73,783 | Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists. |
| Electrical and Electronic Engineering Technologists and Technicians | 17-3023 | 220 | \$19.06 | \$21.84 | \$25.77 | \$27.95 | \$34.14 | \$40.70 | \$39,642 | \$45,432 | \$53,581 | \$58,135 | \$71,012 | \$84,662 | Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, adjust, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by en |
| Environmental Engineering Technologists and Technicians | 17-3025 | 40 | \$17.48 | \$17.48 | \$21.71 | \$23.19 | \$27.24 | \$31.99 | \$36,356 | \$36,356 | \$45,154 | \$48,224 | \$56,651 | \$66,531 | Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental problems, including waste treatment and site remediation, under the direction of |
| Industrial Engineering Technologists and Technicians | 17-3026 | 350 | \$19.57 | \$22.74 | \$24.16 | \$26.20 | \$28.89 | \$35.60 | \$40,714 | \$47,286 | \$50,253 | \$54,488 | \$60,071 | \$74,061 | Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such |
| Mechanical Engineering Technologists and Technicians | 17-3027 | 170 | \$20.60 | \$23.28 | \$24.96 | \$27.04 | \$31.02 | \$35.59 | \$42,857 | \$48,430 | \$51,912 | \$56,249 | \$64,511 | \$74,031 | Apply theory and principles of mechanical engineering to modify, develop, test, or adjust machinery and equipment under direction of engineering staff or physical scientists. |
| Surveying and Mapping Technicians | 17-3031 | 110 | \$17.17 | \$19.32 | \$22.63 | \$23.80 | \$28.27 | \$32.39 | \$35,707 | \$40,178 | \$47,080 | \$49,501 | \$58,804 | \$67,365 | Perform surveying and mapping duties, usually under the direction of an engineer, surveyor, cartographer, or photogrammetrist, to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking informat |
| Animal Scientists | 19-1011 | 150 | \$22.79 | \$23.58 | \$29.47 | \$30.83 | \$36.27 | \$38.54 | \$47,400 | \$49,058 | \$61,308 | \$64,130 | \$75,442 | \$80,171 | Conduct research in the genetics, nutrition, reproduction, growth, and development of domestic farm animals. |
| Food Scientists and Technologists | 19-1012 | 90 | \$24.06 | \$30.16 | \$38.64 | \$38.57 | \$47.84 | \$49.26 | \$50,037 | \$62,740 | \$80,366 | \$80,232 | \$99,508 | \$102,464 | Use chemistry, microbiology, engineering, and other sciences to study the principles underlying the processing and deterioration of foods; analyze food content to determine levels of vitamins, fat, sugar, and protein; discover new food sources; research |
| Soil and Plant Scientists | 19-1013 | 490 | \$23.77 | \$25.24 | \$29.77 | \$31.88 | \$37.67 | \$39.42 | \$49,440 | \$52,499 | \$61,915 | \$66,314 | \$78,368 | \$81,984 | Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants or trees, shrubs, and nursery stock, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical |
| Biochemists and Biophysicists | 19-1021 | 30 | \$26.25 | \$32.74 | \$34.00 | \$34.41 | \$35.18 | \$42.97 | \$54,601 | \$68,097 | \$70,713 | \$71,579 | \$73,176 | \$89,370 | Study the chemical composition or physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena. May conduct research to further understanding of the complex chemical combinations and reactions involved |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Microbiologists | 19-1022 | 60 | \$25.94 | \$25.94 | \$31.30 | \$35.85 | \$39.01 | \$60.21 | \$53,952 | \$53,952 | \$65,088 | \$74,566 | \$81,139 | \$125,222 | Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi. Includes medical microbiologists who study the relationship between organisms and disease or the effects of antibiotics |
| Zoologists and Wildlife Biologists | 19-1023 | 170 | \$22.60 | \$24.98 | \$30.17 | \$31.71 | \$33.45 | \$44.48 | \$47,019 | \$51,953 | \$62,760 | \$65,964 | \$69,580 | \$92,523 | Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife. May specialize in wildlife research and management. May collect and analyze biological data to determine the environmental effects of present and potential use o |
| Biological Scientists, All Other | 19-1029 | 150 | \$19.29 | \$28.29 | \$35.77 | \$35.38 | \$43.35 | \$49.22 | \$40,116 | \$58,845 | \$74,391 | \$73,588 | \$90,174 | \$102,382 | All biological scientists not listed separately. |
| Conservation Scientists | 19-1031 | 500 | \$19.49 | \$24.38 | \$29.23 | \$31.80 | \$38.79 | \$44.48 | \$40,549 | \$50,707 | \$60,792 | \$66,139 | \$80,675 | \$92,523 | Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or to protect rangelands. May instruct farmers, agricultural production managers, |
| Foresters | 19-1032 | 130 | \$20.26 | \$24.64 | \$27.83 | \$29.30 | \$32.05 | \$43.35 | \$42,146 | \$51,253 | \$57,887 | \$60,937 | \$66,675 | \$90,174 | Manage public and private forested lands for economic, recreational, and conservation purposes. May inventory the type, amount, and location of standing timber, appraise the timber's worth, negotiate the purchase, and draw up contracts for procurement. M |
| Medical Scientists, Except Epidemiologists | 19-1042 | 110 | \$22.64 | \$30.15 | \$36.83 | \$40.94 | \$48.73 | \$79.59 | \$47,101 | \$62,729 | \$76,616 | \$85,157 | \$101,362 | \$165,564 | Conduct research dealing with the understanding of human diseases and the improvement of human health. Engage in clinical investigation, research and development, or other related activities. Includes physicians, dentists, public health specialists, phar |
| Physicists | 19-2012 | 20 |  |  |  |  |  |  |  |  |  |  |  |  | Conduct research into physical phenomena, develop theories on the basis of observation and experiments, and devise methods to apply physical laws and theories. Excludes â€œBiochemists and Biophysicistsâも国19-1021). |
| Atmospheric and Space Scientists | 19-2021 | 100 | \$26.04 | \$29.45 | \$38.49 | \$42.24 | \$53.32 | \$63.41 | \$54,158 | \$61,277 | \$80,057 | \$87,856 | \$110,912 | \$131,887 | Investigate atmospheric phenomena and interpret meteorological data, gathered by surface and air stations, satellites, and radar to prepare reports and forecasts for public and other uses. Includes weather analysts and forecasters whose functions require |
| Chemists | 19-2031 | 130 | \$24.97 | \$25.15 | \$31.39 | \$33.91 | \$39.13 | \$44.03 | \$51,943 | \$52,304 | \$65,284 | \$70,538 | \$81,386 | \$91,585 | Conduct qualitative and quantitative chemical analyses or experiments in laboratories for quality or process control or to develop new products or knowledge. Excludes â€œBiochemists and Biophysicistsâ€? (19-1021) and â€œGeoscientists, Except Hydrologists |
| Environmental Scientists and Specialists, Including Health | 19-2041 | 170 | \$26.67 | \$28.53 | \$33.67 | \$35.54 | \$41.00 | \$49.22 | \$55,477 | \$59,340 | \$70,023 | \$73,917 | \$85,280 | \$102,382 | Conduct research or perform investigation for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or public health. Using knowledge of various scientific disciplines, may collect, synthe |
| Geoscientists, Except Hydrologists and Geographers | 19-2042 | 60 | \$27.38 | \$31.53 | \$32.73 | \$35.67 | \$38.62 | \$38.62 | \$56,950 | \$65,583 | \$68,086 | \$74,185 | \$80,335 | \$80,335 | Study the composition, structure, and other physical aspects of the Earth. May use geological, physics, and mathematics knowledge in exploration for oil, gas, minerals, or underground water; or in waste disposal, land reclamation, or other environmental |
| Hydrologists | 19-2043 | 30 | \$30.17 | \$38.12 | \$42.38 | \$43.40 | \$53.32 | \$55.41 | \$62,760 | \$79,285 | \$88,155 | \$90,277 | \$110,912 | \$115,259 | Research the distribution, circulation, and physical properties of underground and surface waters; and study the form and intensity of precipitation and its rate of infiltration into the soil, movement through the earth, and return to the ocean and atmos |
| Physical Scientists, All Other | 19-2099 | 20 | \$36.77 | \$45.49 | \$53.65 | \$56.55 | \$70.14 | \$81.37 | \$76,482 | \$94,614 | \$111,602 | \$117,608 | \$145,877 | \$169,242 | All physical scientists not listed separately. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Leve | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Economists | 19-3011 | 10 | \$26.07 | \$26.07 | \$29.83 | \$35.72 | \$42.38 | \$58.54 | \$54,230 | \$54,230 | \$62,049 | \$74,288 | \$88,155 | \$121,750 | Conduct research, prepare reports, or formulate plans to address economic problems related to the production and distribution of goods and services or monetary and fiscal policy. May collect and process economic and statistical data using sampling techni |
| Survey Researchers | 19-3022 | 30 | \$19.11 | \$19.35 | \$20.03 | \$22.18 | \$22.81 | \$32.48 | \$39,745 | \$40,240 | \$41,641 | \$46,122 | \$47,431 | \$67,561 | Plan, develop, or conduct surveys. May analyze and interpret the meaning of survey data, determine survey objectives, or suggest or test question wording. Includes social scientists who primarily design questionnaires or supervise survey teams. Excludes |
| Clinical and Counseling Psychologists | 19-3033 | 150 | \$29.13 | \$30.11 | \$41.34 | \$42.67 | \$52.11 | \$58.27 | \$60,597 | \$62,636 | \$85,991 | \$88,763 | \$108,388 | \$121,204 | Assess, diagnose, and treat mental and emotional disorders of individuals through observation, interview, and psychological tests. Help individuals with distress or maladjustment understand their problems through their knowledge of case history, intervie |
| School Psychologists | 19-3034 | 90 | \$30.15 | \$33.35 | \$36.38 | \$40.13 | \$49.71 | \$58.22 | \$62,709 | \$69,364 | \$75,658 | \$83,467 | \$103,391 | \$121,090 | Diagnose and implement individual or schoolwide interventions or strategies to address educational, behavioral, or developmental issues that adversely impact educational functioning in a school. May address student learning and behavioral problems and co |
| Psychologists, All Other | 19-3039 | 30 | \$13.02 | \$37.64 | \$59.59 | \$54.72 | \$72.17 | \$78.18 | \$27,084 | \$78,296 | \$123,934 | \$113,827 | \$150,101 | \$162,618 | All psychologists not listed separately. |
| Urban and Regional Planners | 19-3051 | 150 | \$22.98 | \$27.33 | \$30.57 | \$32.76 | \$39.23 | \$43.62 | \$47,812 | \$56,847 | \$63,574 | \$68,148 | \$81,603 | \$90,730 | Develop comprehensive plans and programs for use of land and physical facilities of jurisdictions, such as towns, cities, counties, and metropolitan areas. |
| Anthropologists and Archeologists | 19-3091 | 40 | \$22.65 | \$23.72 | \$27.85 | \$31.92 | \$38.79 | \$47.85 | \$47,122 | \$49,326 | \$57,918 | \$66,386 | \$80,675 | \$99,538 | Study the origin, development, and behavior of human beings. May study the way of life, language, or physical characteristics of people in various parts of the world. May engage in systematic recovery and examination of material evidence, such as tools o |
| Social Scientists and Related Workers, All Other | 19-3099 | 70 | \$30.17 | \$34.22 | \$37.64 | \$38.99 | \$44.48 | \$50.41 | \$62,760 | \$71,187 | \$78,296 | \$81,108 | \$92,523 | \$104,844 | All social scientists and related workers not listed separately. |
| Agricultural Technicians | 19-4012 | 480 | \$15.24 | \$16.18 | \$18.95 | \$19.40 | \$23.51 | \$24.77 | \$31,679 | \$33,657 | \$39,395 | \$40,343 | \$48,904 | \$51,500 | Work with agricultural scientists in plant, fiber, and animal research, or assist with animal breeding and nutrition. Set up or maintain laboratory equipment and collect samples from crops or animals. Prepare specimens or record data to assist scientists |
| Food Science Technicians | 19-4013 | 100 | \$17.64 | \$20.26 | \$22.29 | \$22.33 | \$26.41 | \$26.41 | \$36,696 | \$42,146 | \$46,370 | \$46,452 | \$54,941 | \$54,951 | Work with food scientists or technologists to perform standardized qualitative and quantitative tests to determine physical or chemical properties of food or beverage products. Includes technicians who assist in research and development of production tec |
| Biological Technicians | 19-4021 | 230 | \$17.12 | \$18.67 | \$19.06 | \$20.99 | \$24.55 | \$25.84 | \$35,614 | \$38,828 | \$39,642 | \$43,650 | \$51,057 | \$53,736 | Assist biological and medical scientists. Set up, operate, and maintain laboratory instruments and equipment, monitor experiments, collect data and samples, make observations, and calculate and record results. May analyze organic substances, such as bloo |
| Chemical Technicians | 19-4031 | 70 | \$18.63 | \$23.92 | \$24.49 | \$24.52 | \$25.71 | \$29.63 | \$38,746 | \$49,759 | \$50,933 | \$51,005 | \$53,488 | \$61,617 | Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research and development of new products or processes, quality control, maintenance of envir |
| Environmental Science and Protection Technicians, Including Health | 19-4042 | 70 | \$17.20 | \$19.14 | \$22.70 | \$22.72 | \$25.85 | \$29.22 | \$35,789 | \$39,807 | \$47,194 | \$47,245 | \$53,756 | \$60,772 | Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist. May collect samples of gases, soil, |
| Geological Technicians, Except Hydrologic Technicians | 19-4043 |  | \$17.57 | \$21.97 | \$23.83 | \$22.40 | \$23.83 | \$23.83 | \$36,531 | \$45,700 | \$49,563 | \$46,576 | \$49,563 | \$49,563 | Assist scientists or engineers in the use of electronic, sonic, or nuclear measuring instruments in laboratory, exploration, and production activities to obtain data indicating resources such as metallic ore, minerals, gas, coal, or petroleum. Analyze mu |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Hydrologic Technicians | 19－4044 | 40 | \＄18．65 | \＄25．29 | \＄27．32 | \＄26．96 | \＄27．89 | \＄35．31 | \＄38，787 | \＄52，602 | \＄56，826 | \＄56，074 | \＄58，001 | \＄73，433 | Collect and organize data concerning the distribution and circulation of ground and surface water，and data on its physical，chemical，and biological properties．Measure and report on flow rates and ground water levels，maintain field equipment，collect |
| Social Science Research Assistants | 19－4061 | 30 | \＄16．25 | \＄18．42 | \＄23．72 | \＄21．33 | \＄23．72 | \＄25．08 | \＄33，791 | \＄38，324 | \＄49，337 | \＄44，361 | \＄49，337 | \＄52，159 | Assist social scientists in laboratory，survey，and other social science research．May help prepare findings for publication and assist in laboratory analysis，quality control，or data management．Excludes â€œTeaching Assistants，Postsecondaryâ€⿴囗玉 25－904 |
| Forest and Conservation Technicians | 19－4071 | 390 | \＄18．67 | \＄19．51 | \＄23．13 | \＄25．49 | \＄30．59 | \＄36．25 | \＄38，828 | \＄40，580 | \＄48，111 | \＄53，004 | \＄63，626 | \＄75，411 | Provide technical assistance regarding the conservation of soil，water， forests，or related natural resources．May compile data pertaining to size，content，condition，and other characteristics of forest tracts under the direction of foresters，or train |
| Forensic Science Technicians | 19－4092 | 20 | \＄19．73 | \＄22．94 | \＄25．90 | \＄28．45 | \＄31．07 | \＄41．62 | \＄41，043 | \＄47，719 | \＄53，869 | \＄59，185 | \＄64，625 | \＄86，558 | Collect，identify，classify，and analyze physical evidence related to criminal investigations．Perform tests on weapons or substances，such as fiber，hair，and tissue to determine significance to investigation．May testify as expert witnesses on evidence |
| Life，Physical，and Social Science Technicians， All Other | 19－4099 | 50 | \＄18．67 | \＄18．91 | \＄20．39 | \＄27．71 | \＄26．21 | \＄53．32 | \＄38，828 | \＄39，344 | \＄42，414 | \＄57，640 | \＄54，518 | \＄110，912 | All life，physical，and social science technicians not listed separately． |
| Occupational Health and Safety Specialists | 19－5011 | 170 | \＄23．14 | \＄30．73 | \＄37．11 | \＄37．41 | \＄43．60 | \＄50．59 | \＄48，121 | \＄63，914 | \＄77，183 | \＄77，801 | \＄90，689 | \＄105，236 | Review，evaluate，and analyze work environments and design programs and procedures to control，eliminate，and prevent disease or injury caused by chemical，physical，and biological agents or ergonomic factors．May conduct inspections and enforce adherenc |
| Occupational Health and Safety Technicians | 19－5012 | 20 | \＄17．69 | \＄18．61 | \＄25．83 | \＄28．00 | \＄30．91 | \＄48．13 | \＄36，789 | \＄38，695 | \＄53，715 | \＄58，248 | \＄64，285 | \＄100，115 | Collect data on work environments for analysis by occupational health and safety specialists．Implement and conduct evaluation of programs designed to limit chemical，physical，biological，and ergonomic risks to workers． |
| Educational，Guidance，and Career Counselors and Advisors | 21－1012 | 860 | \＄19．62 | \＄23．05 | \＄24．10 | \＄25．42 | \＄28．27 | \＄32．01 | \＄40，796 | \＄47，935 | \＄50，109 | \＄52，870 | \＄58，804 | \＄66，572 | Advise and assist students and provide educational and vocational guidance services． |
| Marriage and Family Therapists | 21－1013 | 80 | \＄19．54 | \＄22．46 | \＄24．17 | \＄23．81 | \＄25．54 | \＄28．07 | \＄40，642 | \＄46，710 | \＄50，264 | \＄49，512 | \＄53，128 | \＄58，392 | Diagnose and treat mental and emotional disorders，whether cognitive， affective，or behavioral，within the context of marriage and family systems．Apply psychotherapeutic and family systems theories and techniques in the delivery of services to individua |
| Rehabilitation Counselors | 21－1015 | 540 | \＄16．84 | \＄19．31 | \＄21．86 | \＄22．31 | \＄22．93 | \＄29．56 | \＄35，027 | \＄40，157 | \＄45，473 | \＄46，411 | \＄47，699 | \＄61，483 | Counsel individuals to maximize the independence and employability of persons coping with personal，social，and vocational difficulties that result from birth defects，illness，disease，accidents，aging，or the stress of daily life．Coordinate activities |
| Substance abuse，behavioral disorder，and mental health counselors | 21－1018 | 1，620 | \＄18．54 | \＄20．19 | \＄24．03 | \＄25．24 | \＄27．37 | \＄33．21 | \＄38，571 | \＄42，012 | \＄49，986 | \＄52，499 | \＄56，929 | \＄69，086 |  |
| Counselors，All Other | 21－1019 | 30 | \＄22．52 | \＄22．52 | \＄22．52 | \＄25．70 | \＄30．63 | \＄35．70 | \＄46，843 | \＄46，843 | \＄46，843 | \＄53，457 | \＄63，708 | \＄74，247 | All counselors not listed separately． |
| Child，Family，and School Social Workers | 21－1021 | 1，780 | \＄18．26 | \＄20．36 | \＄23．75 | \＄24．65 | \＄26．57 | \＄31．57 | \＄37，973 | \＄42，341 | \＄49，378 | \＄51，273 | \＄55，260 | \＄65，665 | Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well－being and the academic functioning of children．May assist parents，arrange adoptions，and find fost |
| Healthcare Social Workers | 21－1022 | 660 | \＄19．40 | \＄21．70 | \＄23．96 | \＄25．57 | \＄29．95 | \＄32．69 | \＄40，353 | \＄45，133 | \＄49，831 | \＄53，190 | \＄62，297 | \＄67，994 | Provide individuals，families，and groups with the psychosocial support needed to cope with chronic，acute，or terminal illnesses．Services include advising family caregivers．Provide patients with information and counseling，and make referrals for other |
| Mental Health and Substance Abuse Social Workers | 21－1023 | 240 | \＄17．40 | \＄19．90 | \＄21．79 | \＄22．85 | \＄24．49 | \＄29．45 | \＄36，191 | \＄41，404 | \＄45，319 | \＄47，523 | \＄50，933 | \＄61，266 | Assess and treat individuals with mental，emotional，or substance abuse problems，including abuse of alcohol，tobacco，and／or other drugs．Activities may include individual and group therapy，crisis intervention，case management，client advocacy，prevent |
| Social Workers，All Other | 21－1029 | 140 | \＄29．41 | \＄35．25 | \＄42．25 | \＄40．11 | \＄46．49 | \＄49．30 | \＄61，174 | \＄73，330 | \＄87，877 | \＄83，426 | \＄96，705 | \＄102，536 | All social workers not listed separately． |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Health Education Specialists | 21-1091 | 140 | \$20.33 | \$24.65 | \$27.81 | \$28.64 | \$31.43 | \$37.40 | \$42,269 | \$51,273 | \$57,825 | \$59,577 | \$65,377 | \$77,791 | Provide and manage health education programs that help individuals, families, and their communities maximize and maintain healthy lifestyles. Use data to identify community needs prior to planning, implementing, monitoring, and evaluating programs design |
| Probation Officers and Correctional Treatment Specialists | 21-1092 | 310 | \$24.34 | \$26.38 | \$27.61 | \$28.36 | \$29.66 | \$32.62 | \$50,635 | \$54,879 | \$57,424 | \$58,979 | \$61,689 | \$67,839 | Provide social services to assist in rehabilitation of law offenders in custody or on probation or parole. Make recommendations for actions involving formulation of rehabilitation plan and treatment of offender, including conditional release and educatio |
| Social and Human Service Assistants | 21-1093 | 840 | \$13.42 | \$14.30 | \$17.60 | \$17.57 | \$19.18 | \$21.97 | \$27,929 | \$29,752 | \$36,603 | \$36,541 | \$39,900 | \$45,710 | Assist other social and human service providers in providing client services in a wide variety of fields, such as psychology, rehabilitation, or social work, including support for families. May assist clients in identifying and obtaining available benefi |
| Community Health Workers | 21-1094 | 60 | \$15.00 | \$16.45 | \$18.95 | \$20.05 | \$22.93 | \$25.04 | \$31,205 | \$34,223 | \$39,405 | \$41,703 | \$47,688 | \$52,087 | Promote health within a community by assisting individuals to adopt healthy behaviors. Serve as an advocate for the health needs of individuals by assisting community residents in effectively communicating with healthcare providers or social service agen |
| Clergy | 21-2011 | 140 | \$17.16 | \$20.87 | \$25.17 | \$25.67 | \$27.68 | \$33.33 | \$35,697 | \$43,413 | \$52,345 | \$53,406 | \$57,588 | \$69,323 | Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination. Provide spiritual and moral guidance and assistance to members. |
| Directors, Religious Activities and Education | 21-2021 | 30 | \$17.50 | \$17.72 | \$24.19 | \$24.81 | \$25.03 | \$37.41 | \$36,397 | \$36,861 | \$50,305 | \$51,603 | \$52,067 | \$77,791 | Coordinate or design programs and conduct outreach to promote the religious education or activities of a denominational group. May provide counseling, guidance, and leadership relative to marital, health, financial, and religious problems. |
| Religious Workers, All Other | 21-2099 | 50 | \$16.26 | \$22.61 | \$22.90 | \$24.47 | \$23.40 | \$35.80 | \$33,822 | \$47,029 | \$47,626 | \$50,892 | \$48,667 | \$74,463 | All religious workers not listed separately. |
| Lawyers | 23-1011 | 1,400 |  |  |  |  |  |  |  |  |  |  |  |  | Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law. |
| Judges, Magistrate Judges, and Magistrates | 23-1023 | 30 | \$49.44 | \$51.26 | \$58.69 | \$54.02 | \$58.69 | \$58.69 | \$102,825 | \$106,616 | \$122,079 | \$112,375 | \$122,079 | \$122,079 | Arbitrate, advise, adjudicate, or administer justice in a court of law. May sentence defendant in criminal cases according to government statutes or sentencing guidelines. May determine liability of defendant in civil cases. May perform wedding ceremonie |
| Paralegals and Legal Assistants | 23-2011 | 470 | \$22.07 | \$24.36 | \$29.24 | \$29.51 | \$33.00 | \$37.56 | \$45,896 | \$50,686 | \$60,823 | \$61,359 | \$68,632 | \$78,131 | Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action. Excludes â€œLegal Secretariesâ€国43-6012). |
| Title Examiners, Abstractors, and Searchers | 23-2093 | 260 | \$22.55 | \$23.64 | \$24.92 | \$27.83 | \$31.32 | \$35.18 | \$46,916 | \$49,172 | \$51,830 | \$57,867 | \$65,140 | \$73,176 | Search real estate records, examine titles, or summarize pertinent legal or insurance documents or details for a variety of purposes. May compile lists of mortgages, contracts, and other instruments pertaining to titles by searching public and private re |
| Legal Support Workers, All Other | 23-2099 | 20 | \$23.13 | \$24.86 | \$27.96 | \$34.41 | \$31.26 | \$72.39 | \$48,111 | \$51,696 | \$58,145 | \$71,568 | \$65,006 | \$150,575 | All legal support workers not listed separately. |
| Business Teachers, Postsecondary | 25-1011 | 310 |  |  |  |  |  |  | \$49,615 | \$62,060 | \$74,525 | \$78,285 | \$84,992 | \$114,446 | Teach courses in business administration and management, such as accounting, finance, human resources, labor and industrial relations, marketing, and operations research. Includes both teachers primarily engaged in teaching and those who do a combination |
| Computer Science Teachers, Postsecondary | 25-1021 | 170 |  |  |  |  |  |  | \$54,477 | \$64,079 | \$76,802 | \$78,646 | \$85,116 | \$109,243 | Teach courses in computer science. May specialize in a field of computer science, such as the design and function of computers or operations and research analysis. Includes both teachers primarily engaged in teaching and those who do a combination of tea |


| Occupation | $\begin{aligned} & \hline \text { SOC }^{*} \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Mathematical Science Teachers, Postsecondary | 25-1022 | 120 |  |  |  |  |  |  | \$51,479 | \$54,838 | \$64,316 | \$72,290 | \$83,529 | \$108,120 | Teach courses pertaining to mathematical concepts, statistics, and actuarial science and to the application of original and standardized mathematical techniques in solving specific problems and situations. Includes both teachers primarily engaged in teac |
| Engineering Teachers, Postsecondary | 25-1032 | 120 |  |  |  |  |  |  | \$84,982 | \$85,775 | \$104,205 | \$100,455 | \$106,503 | \$136,018 | Teach courses pertaining to the application of physical laws and principles of engineering for the development of machines, materials, instruments, processes, and services. Includes teachers of subjects such as chemical, civil, electrical, industrial, me |
| Biological Science Teachers, Postsecondary | 25-1042 | 140 |  |  |  |  |  |  | \$52,788 | \$61,544 | \$81,953 | \$81,376 | \$101,280 | \$108,501 | Teach courses in biological sciences. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Forestry and Conservation Science Teachers, Postsecondary | 25-1043 | 10 |  |  |  |  |  |  | \$57,877 | \$59,742 | \$66,119 | \$81,108 | \$100,342 | \$106,389 | Teach courses in forestry and conservation science. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. Excludes â€œAgricultural Science Teachers, Postsecondaryâ€ 25 -1041) and â€œEnvironmental S |
| Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 25-1051 | 20 |  |  |  |  |  |  | \$58,969 | \$82,633 | \$97,457 | \$97,808 | \$105,792 | \$131,660 | Teach courses in the physical sciences, except chemistry and physics. Includes both teachers primarily engaged in teaching, and those who do a combination of teaching and research. |
| Chemistry Teachers, Postsecondary | 25-1052 | 60 |  |  |  |  |  |  | \$58,341 | \$60,411 | \$79,223 | \$79,326 | \$88,402 | \$110,490 | Teach courses pertaining to the chemical and physical properties and compositional changes of substances. Work may include providing instruction in the methods of qualitative and quantitative chemical analysis. Includes both teachers primarily engaged in |
| Physics Teachers, Postsecondary | 25-1054 | 40 |  |  |  |  |  |  | \$59,855 | \$67,035 | \$85,167 | \$83,405 | \$98,725 | \$106,884 | Teach courses pertaining to the laws of matter and energy. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Anthropology and Archeology Teachers, Postsecondary | 25-1061 | 10 |  |  |  |  |  |  | \$55,641 | \$65,624 | \$65,624 | \$65,181 | \$67,345 | \$72,681 | Teach courses in anthropology or archeology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 25-1062 | 20 |  |  |  |  |  |  | \$56,826 | \$56,909 | \$59,227 | \$61,102 | \$61,534 | \$72,547 | Teach courses pertaining to the culture and development of an area, an ethnic group, or any other group, such as Latin American studies, womenâ $\ell^{\text {rMs }}$ s studies, or urban affairs. Includes both teachers primarily engaged in teaching and those who do a combinat |
| Economics Teachers, Postsecondary | 25-1063 | 40 |  |  |  |  |  |  | \$55,240 | \$58,114 | \$79,295 | \$89,679 | \$107,935 | \$138,418 | Teach courses in economics. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Geography Teachers, Postsecondary | 25-1064 | 10 |  |  |  |  |  |  | \$65,624 | \$65,624 | \$75,360 | \$73,989 | \$77,894 | \$77,894 | Teach courses in geography. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Political Science Teachers, Postsecondary | 25-1065 | 30 |  |  |  |  |  |  | \$51,521 | \$59,371 | \$67,056 | \$73,608 | \$83,570 | \$95,026 | Teach courses in political science, international affairs, and international relations. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Psychology Teachers, Postsecondary | 25-1066 | 70 |  |  |  |  |  |  | \$52,716 | \$58,485 | \$64,388 | \$70,755 | \$76,730 | \$104,422 | Teach courses in psychology, such as child, clinical, and developmental psychology, and psychological counseling. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Sociology Teachers, Postsecondary | 25-1067 | 60 |  |  |  |  |  |  | \$51,758 | \$56,126 | \$63,461 | \$68,467 | \$78,924 | \$82,870 | Teach courses in sociology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |


| Occupation | $\begin{aligned} & \hline \text { SOC }^{*} \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Health Specialties Teachers, Postsecondary | 25-1071 | 210 |  |  |  |  |  |  | \$58,753 | \$65,943 | \$80,531 | \$90,792 | \$114,507 | \$141,715 | Teach courses in health specialties, in fields such as dentistry, laboratory technology, medicine, pharmacy, public health, therapy, and veterinary medicine. Excludes â€œBiological Science Teachers, Postsecondaryâ€ 国25-1042) and â€œNursing Instructors a $^{2}$ |
| Nursing Instructors and Teachers, Postsecondary | 25-1072 | 250 |  |  |  |  |  |  | \$50,120 | \$58,763 | \$65,913 | \$69,230 | \$77,853 | \$84,848 | Demonstrate and teach patient care in classroom and clinical units to nursing students. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Education Teachers, Postsecondary | 25-1081 | 200 |  |  |  |  |  |  | \$54,354 | \$61,400 | \$63,924 | \$67,138 | \$73,536 | \$80,964 | Teach courses pertaining to education, such as counseling, curriculum, guidance, instruction, teacher education, and teaching English as a second language. Includes both teachers primarily engaged in teaching and those who do a combination of teaching an |
| Criminal Justice and Law Enforcement Teachers, Postsecondary | 25-1111 | 40 |  |  |  |  |  |  | \$58,351 | \$60,463 | \$63,152 | \$69,611 | \$83,725 | \$86,661 | Teach courses in criminal justice, corrections, and law enforcement administration. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Social Work Teachers, Postsecondary | 25-1113 | 90 |  |  |  |  |  |  | \$53,128 | \$64,419 | \$65,634 | \$69,127 | \$77,935 | \$82,746 | Teach courses in social work. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Art, Drama, and Music Teachers, Postsecondary | 25-1121 | 230 |  |  |  |  |  |  | \$51,016 | \$56,342 | \$63,945 | \$66,345 | \$73,196 | \$83,014 | Teach courses in drama, music, and the arts including fine and applied art, such as painting and sculpture, or design and crafts. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Communications Teachers, Postsecondary | 25-1122 | 110 |  |  |  |  |  |  | \$45,226 | \$54,354 | \$63,461 | \$63,955 | \$73,474 | \$81,345 | Teach courses in communications, such as organizational communications, public relations, radio/television broadcasting, and journalism. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| English Language and Literature Teachers, Postsecondary | 25-1123 | 150 |  |  |  |  |  |  | \$50,315 | \$52,808 | \$64,089 | \$63,275 | \$66,809 | \$77,338 | Teach courses in English language and literature, including linguistics and comparative literature. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Foreign Language and Literature Teachers, Postsecondary | 25-1124 | 50 |  |  |  |  |  |  | \$55,034 | \$60,040 | \$69,920 | \$72,918 | \$84,271 | \$86,342 | Teach languages and literature courses in languages other than English. Includes teachers of American Sign Language (ASL). Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| History Teachers, Postsecondary | 25-1125 | 40 |  |  |  |  |  |  | \$52,602 | \$64,573 | \$67,272 | \$71,352 | \$78,481 | \$99,363 | Teach courses in human history and historiography. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Philosophy and Religion Teachers, Postsecondary | 25-1126 | 110 |  |  |  |  |  |  | \$39,993 | \$39,993 | \$41,074 | \$48,605 | \$48,584 | \$80,593 | Teach courses in philosophy, religion, and theology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Recreation and Fitness Studies Teachers, Postsecondary | 25-1193 | 60 |  |  |  |  |  |  | \$51,129 | \$59,752 | \$61,874 | \$61,854 | \$64,336 | \$73,340 | Teach courses pertaining to recreation, leisure, and fitness studies, including exercise physiology and facilities management. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research. |
| Career/Technical Education Teachers, Postsecondary | 25-1194 | 260 | \$23.18 | \$26.14 | \$31.75 | \$30.79 | \$31.86 | \$39.58 | \$48,214 | \$54,354 | \$66,046 | \$64,048 | \$66,273 | \$82,324 | Teach vocational courses intended to provide occupational training below the baccalaureate level in subjects such as construction, mechanics/repair, manufacturing, transportation, or cosmetology, primarily to students who have graduated from or left high |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Preschool Teachers，Except Special Education | 25－2011 | 1，350 | \＄13．64 | \＄14．53 | \＄15．35 | \＄17．24 | \＄19．44 | \＄24．23 | \＄28，382 | \＄30，216 | \＄31，926 | \＄35，851 | \＄40，425 | \＄50，398 | Instruct preschool－aged students，following curricula or lesson plans，in activities designed to promote social，physical，and intellectual growth． Excludes â€œSpecial Education Teachersấ国25－2050），â€œSubstitute Teachers，Short－Termâ€国25－3031），and |
| Kindergarten Teachers，Except Special Education | 25－2012 | 650 |  |  |  |  |  |  | \＄45，061 | \＄47，729 | \＄51，315 | \＄51，304 | \＄53，447 | \＄59，515 | Teach academic and social skills to kindergarten students．Excludes â€œSpecial Education Teachersâє⿴囗玉祭2－2050）and â€œSubstitute Teachers，Short－Termấ国25－3031）． |
| Elementary School Teachers，Except Special Education | 25－2021 | 4，090 |  |  |  |  |  |  | \＄45，916 | \＄48，492 | \＄50，913 | \＄51，809 | \＄55，353 | \＄60，411 | Teach academic and social skills to students at the elementary school level．Excludes â€æSpecial Education Teachersâ€⿴囗玉 $25-2050$ ）and â€œSubstitute Teachers，Short－Termâ€⿴囗玉 25－3031）． |
| Middle School Teachers，Except Special and Career／Technical Education | 25－2022 | 2，060 |  |  |  |  |  |  | \＄46，689 | \＄49，223 | \＄52，324 | \＄53，128 | \＄57，867 | \＄61，225 | Teach one or more subjects to students at the middle，intermediate，or junior high school level．Excludes â€œCareer／Technical Education Teachers，Middle Schoolâ€国25－2023），â€œSpecial Education Teachersâ€ 25－2050），and â€œSubstitute Teachers，Short Te |
| Career／Technical Education Teachers， Middle School | 25－2023 | 40 |  |  |  |  |  |  | \＄41，589 | \＄48，564 | \＄52，602 | \＄51，551 | \＄55，693 | \＄57，568 | Teach occupational，vocational，career，or technical subjects to students at the middle，intermediate，or junior high school level． Excludes â€æSpecial Education Teachersâ€国25－2050）and â€œSubstitute Teachers，Short－Termâ€⿴囗玉 25－3031）． |
| Secondary School Teachers，Except Special and Career／Technical Education | 25－2031 | 3，410 |  |  |  |  |  |  | \＄46，823 | \＄49，223 | \＄51，593 | \＄53，210 | \＄57，722 | \＄63，110 | Teach one or more subjects to students at the secondary school level． Excludes â€œCareer／Technical Education Teachers，Secondary Schoolâ€ 25－2032），â€œSpecial Education Teachersâ€ 25－2050），and â€œSubstitute Teachers，Short－Termâ€国25－3031）． |
| Career／Technical Education Teachers， Secondary School | 25－2032 | 350 |  |  |  |  |  |  | \＄46，112 | \＄49，965 | \＄56，600 | \＄54，910 | \＄58，917 | \＄62，503 | Teach occupational，vocational，career，or technical subjects to students at the secondary school level．Excludes â€œSpecial Education Teachersấ国25－2050），and â€œSubstitute Teachers，Short－Termấ国25－ 3031）． |
| Special Education Teachers，Preschool | 25－2051 | 20 |  |  |  |  |  |  | \＄43，145 | \＄51，047 | \＄52，015 | \＄52，211 | \＄53，086 | \＄58，289 | Teach academic，social，and life skills to preschool－aged students with learning，emotional，or physical disabilities．Includes teachers who specialize and work with students who are blind or have visual impairments；students who are deaf or have hearing |
| Special Education Teachers，Kindergarten and Elementary School | 25－2052 | 790 |  |  |  |  |  |  | \＄46，617 | \＄48，739 | \＄52，376 | \＄53，725 | \＄57，393 | \＄62，626 | Teach elementary school subjects to educationally and physically handicapped students．Includes teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally i |
| Special Education Teachers，Middle School | 25－2057 | 310 |  |  |  |  |  |  | \＄46，761 | \＄48，069 | \＄52，520 | \＄53，282 | \＄57，702 | \＄61，122 | Teach academic，social，and life skills to middle school students with learning，emotional，or physical disabilities．Includes teachers who specialize and work with students who are blind or have visual impairments；students who are deaf or have hearing |
| Special Education Teachers，Secondary School | 25－2058 | 490 |  |  |  |  |  |  | \＄46，977 | \＄48，481 | \＄51，603 | \＄53，447 | \＄57，434 | \＄63，574 | Teach academic，social，and life skills to secondary school students with learning，emotional，or physical disabilities．Includes teachers who specialize and work with students who are blind or have visual impairments；students who are deaf or have heari |
| Special Education Teachers，All Other | 25－2059 | 10 |  |  |  |  |  |  | \＄48，111 | \＄50，099 | \＄73，567 | \＄69，220 | \＄80，675 | \＄87，794 | All special education teachers not listed separately． |
| Adult Basic Education，Adult Secondary Education，and English as a Second Language Instructors | 25－3011 | 130 | \＄16．09 | \＄16．92 | \＄18．84 | \＄21．09 | \＄25．28 | \＄27．73 | \＄33，471 | \＄35，192 | \＄39，179 | \＄43，866 | \＄52，592 | \＄57，681 | Teach or instruct out－of－school youths and adults in basic education， literacy，or English as a Second Language classes，or in classes for earning a high school equivalency credential． |
| Self－Enrichment Teachers | 25－3021 | 200 | \＄14．88 | \＄16．33 | \＄25．90 | \＄24．04 | \＄28．49 | \＄29．34 | \＄30，947 | \＄33，976 | \＄53，859 | \＄50，016 | \＄59，247 | \＄61，029 | Teach or instruct individuals or groups for the primary purpose of self－ enrichment or recreation，rather than for an occupational objective， educational attainment，competition，or fitness．Excludes â€œCoaches and Scoutsâ€⿴囗玉 27－2022）and â€œExercise Trai |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Substitute Teachers, Short-Term | 25-3031 | 1,600 | \$12.00 | \$13.42 | \$14.47 | \$14.86 | \$16.07 | \$17.57 | \$24,952 | \$27,929 | \$30,113 | \$30,896 | \$33,430 | \$36,541 | Teach students on a short-term basis as a temporary replacement for a regular classroom teacher, typically using the regular teacherâ $€^{\text {TM }} \mathrm{s}$ lesson plan. Excludes long-term substitute teachers who perform all the duties of a regular teacher; these teachers a |
| Tutors | 25-3041 | 280 | \$13.99 | \$15.16 | \$16.98 | \$18.51 | \$18.51 | \$28.15 | \$29,103 | \$31,545 | \$35,326 | \$38,509 | \$38,509 | \$58,536 | Instruct individual students or small groups of students in academic subjects to support formal class instruction or to prepare students for standardized or admissions tests. Excludes â€œPostsecondary Teachersâ€国25-1000), â€œElementary, Middle, Seconda |
| Teachers and Instructors, All Other | 25-3099 | 100 |  |  |  |  |  |  | \$59,979 | \$64,718 | \$77,801 | \$78,533 | \$90,720 | \$92,698 | All teachers and instructors not listed separately. |
| Archivists | 25-4011 | 20 | \$18.01 | \$21.40 | \$23.53 | \$23.66 | \$25.03 | \$33.45 | \$37,469 | \$44,495 | \$48,945 | \$49,223 | \$52,067 | \$69,580 | Appraise, edit, and direct safekeeping of permanent records and historically valuable documents. Participate in research activities based on archival materials. |
| Curators | 25-4012 | 70 | \$20.46 | \$24.66 | \$30.15 | \$31.20 | \$36.84 | \$43.91 | \$42,547 | \$51,304 | \$62,729 | \$64,913 | \$76,627 | \$91,328 | Administer collections, such as artwork, collectibles, historic items, or scientific specimens of museums or other institutions. May conduct instructional, research, or public service activities of institution. |
| Museum Technicians and Conservators | 25-4013 | 60 | \$12.64 | \$13.99 | \$16.33 | \$18.40 | \$20.41 | \$28.66 | \$26,291 | \$29,103 | \$33,976 | \$38,262 | \$42,444 | \$59,608 | Restore, maintain, or prepare objects in museum collections for storage, research, or exhibit. May work with specimens such as fossils, skeletal parts, or botanicals; or artifacts, textiles, or art. May identify and record objects or install and arrange |
| Librarians and Media Collections Specialists | 25-4022 | 500 | \$17.96 | \$20.13 | \$23.94 | \$25.13 | \$28.12 | \$36.09 | \$37,355 | \$41,868 | \$49,790 | \$52,262 | \$58,485 | \$75,061 | Administer and maintain libraries or collections of information, for public or private access through reference or borrowing. Work in a variety of settings, such as educational institutions, museums, and corporations, and with various types of informatio |
| Library Technicians | 25-4031 | 430 | \$12.18 | \$13.29 | \$15.22 | \$17.01 | \$19.19 | \$26.57 | \$25,333 | \$27,651 | \$31,638 | \$35,367 | \$39,920 | \$55,260 | Assist librarians by helping readers in the use of library catalogs, databases, and indexes to locate books and other materials; and by answering questions that require only brief consultation of standard reference. Compile records; sort and shelve books |
| Farm and Home Management Educators | 25-9021 | 60 | \$17.83 | \$25.86 | \$31.83 | \$31.00 | \$31.83 | \$40.96 | \$37,087 | \$53,787 | \$66,201 | \$64,481 | \$66,201 | \$85,198 | Instruct and advise individuals and families engaged in agriculture, agricultural-related processes, or home management activities. Demonstrate procedures and apply research findings to advance agricultural and home management activities. May develop edu |
| Instructional Coordinators | 25-9031 | 510 | \$19.05 | \$23.69 | \$29.25 | \$32.89 | \$40.24 | \$57.00 | \$39,622 | \$49,285 | \$60,844 | \$68,426 | \$83,704 | \$118,556 | Develop instructional material, coordinate educational content, and incorporate current technology into instruction in order to provide guidelines to educators and instructors for developing curricula and conducting courses. May train and coach teachers. |
| Teaching Assistants, Postsecondary | 25-9044 | 510 |  |  |  |  |  |  | \$25,755 | \$31,050 | \$31,370 | \$40,281 | \$47,441 | \$64,748 | Assist faculty or other instructional staff in postsecondary institutions by performing instructional support activities, such as developing teaching materials, leading discussion groups, preparing and giving examinations, and grading examinations or pap |
| Teaching Assistants, Except Postsecondary | 25-9045 | 4,430 |  |  |  |  |  |  | \$24,632 | \$25,250 | \$28,135 | \$29,021 | \$31,102 | \$34,594 |  |
| Educational Instruction and Library Workers, All Other | 25-9099 | 120 | \$15.25 | \$19.29 | \$23.30 | \$22.29 | \$24.78 | \$27.74 | \$31,699 | \$40,116 | \$48,471 | \$46,380 | \$51,531 | \$57,702 | All educational instruction and library workers not listed separately. |
| Art Directors | 27-1011 | 40 | \$25.76 | \$29.34 | \$30.36 | \$33.90 | \$33.68 | \$43.56 | \$53,571 | \$61,019 | \$63,141 | \$70,528 | \$70,054 | \$90,607 | Formulate design concepts and presentation approaches for visual productions and media, such as print, broadcasting, video, and film. Direct workers engaged in artwork or layout design. Excludes â€œSet and Exhibit Designersấ国27-1027). |
| Craft Artists | 27-1012 | 30 | \$13.48 | \$18.72 | \$18.73 | \$18.18 | \$19.38 | \$20.20 | \$28,032 | \$38,942 | \$38,942 | \$37,819 | \$40,302 | \$42,022 | Create or reproduce handmade objects for sale and exhibition using a variety of techniques, such as welding, weaving, pottery, and needlecraft. |


| Occupation | $\begin{aligned} & \hline \text { sOc* }^{*} \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Special Effects Artists and Animators | 27-1014 | 20 | \$17.05 | \$25.36 | \$27.24 | \$29.33 | \$37.70 | \$42.14 | \$35,449 | \$52,747 | \$56,661 | \$60,998 | \$78,419 | \$87,629 | Create special effects or animations using film, video, computers, or other electronic tools and media for use in products, such as computer games, movies, music videos, and commercials. |
| Commercial and Industrial Designers | 27-1021 | 150 | \$17.06 | \$21.51 | \$24.69 | \$26.17 | \$31.42 | \$34.26 | \$35,480 | \$44,742 | \$51,356 | \$54,426 | \$65,367 | \$71,259 | Design and develop manufactured products, such as cars, home appliances, and childrenâ $€^{r m s}$ s toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design. |
| Floral Designers | 27-1023 | 150 | \$13.52 | \$14.11 | \$15.02 | \$15.93 | \$17.32 | \$18.19 | \$28,125 | \$29,351 | \$31,246 | \$33,131 | \$36,026 | \$37,839 | Design, cut, and arrange live, dried, or artificial flowers and foliage. |
| Graphic Designers | 27-1024 | 530 | \$15.01 | \$17.03 | \$19.33 | \$20.61 | \$23.34 | \$27.29 | \$31,226 | \$35,418 | \$40,188 | \$42,887 | \$48,554 | \$56,754 | Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects. Excludes â€œWeb <br>  |
| Interior Designers | 27-1025 | 200 | \$21.26 | \$22.81 | \$29.01 | \$33.09 | \$38.06 | \$58.07 | \$44,216 | \$47,441 | \$60,339 | \$68,818 | \$79,151 | \$120,792 | Plan, design, and furnish the internal space of rooms or buildings. Design interior environments or create physical layouts that are practical, aesthetic, and conducive to the intended purposes. May specialize in a particular field, style, or phase of in |
| Merchandise Displayers and Window Trimmers | 27-1026 | 430 | \$15.45 | \$16.28 | \$17.64 | \$18.98 | \$20.80 | \$22.67 | \$32,132 | \$33,853 | \$36,675 | \$39,477 | \$43,269 | \$47,153 | Plan and erect commercial displays, such as those in windows and interiors of retail stores and at trade exhibitions. |
| Producers and Directors | 27-2012 | 180 | \$18.62 | \$21.56 | \$27.58 | \$28.79 | \$32.97 | \$42.47 | \$38,725 | \$44,845 | \$57,362 | \$59,896 | \$68,570 | \$88,330 | Produce or direct stage, television, radio, video, or film productions for entertainment, information, or instruction. Responsible for creative decisions, such as interpretation of script, choice of actors or guests, set design, sound, special effects, a |
| Athletes and Sports Competitors | 27-2021 |  |  |  |  |  |  |  | \$44,701 | \$112,941 | \$181,625 | \$144,126 | \$181,625 | \$181,625 | Compete in athletic events. |
| Coaches and Scouts | 27-2022 | 990 |  |  |  |  |  |  | \$28,341 | \$29,835 | \$36,850 | \$45,587 | \$51,119 | \$68,993 | Instruct or coach groups or individuals in the fundamentals of sports for the primary purpose of competition. Demonstrate techniques and methods of participation. May evaluate athletesấ ${ }^{\text {TMM }}$ strengths and weaknesses as possible recruits or to improve the at |
| Umpires, Referees, and Other Sports Officials | 27-2023 | 90 |  |  |  |  |  |  | \$29,855 | \$31,535 | \$32,019 | \$37,726 | \$39,529 | \$50,037 | Officiate at competitive athletic or sporting events. Detect infractions of rules and decide penalties according to established regulations. Includes all sporting officials, referees, and competition judges. |
| Choreographers | 27-2032 | 250 | \$13.21 | \$14.18 | \$17.90 | \$19.04 | \$22.70 | \$26.03 | \$27,465 | \$29,484 | \$37,252 | \$39,591 | \$47,204 | \$54,148 | Create new dance routines. Rehearse performance of routines. May direct and stage presentations. |
| Music Directors and Composers | 27-2041 | 20 | \$16.46 | \$16.95 | \$17.16 | \$21.78 | \$23.67 | \$39.23 | \$34,244 | \$35,254 | \$35,697 | \$45,308 | \$49,254 | \$81,603 | Conduct, direct, plan, and lead instrumental or vocal performances by musical artists or groups, such as orchestras, bands, choirs, and glee clubs; or create original works of music. |
| Disc Jockeys, Except Radio | 27-2091 | 50 | \$11.28 | \$11.68 | \$22.70 | \$20.89 | \$26.25 | \$28.47 |  |  |  |  |  |  | Play prerecorded music for live audiences at venues or events such as clubs, parties, or wedding receptions. May use techniques such as mixing, cutting, or sampling to manipulate recordings. May also perform as emcee (master of ceremonies). Radio disc jo |
| Broadcast Announcers and Radio Disc Jockeys | 27-3011 | 230 | \$15.53 | \$18.47 | \$22.91 | \$22.01 | \$23.53 | \$28.85 | \$32,287 | \$38,427 | \$47,647 | \$45,772 | \$48,935 | \$59,999 | Speak or read from scripted materials, such as news reports or commercial messages, on radio, television, or other communications media. May play and queue music, announce artist or title of performance, identify station, or interview guests. Excludes â€ |
| News Analysts, Reporters, and Journalists | 27-3023 | 230 | \$14.58 | \$15.26 | \$18.32 | \$20.41 | \$20.61 | \$26.52 | \$30,319 | \$31,730 | \$38,107 | \$42,434 | \$42,867 | \$55,157 | Narrate or write news stories, reviews, or commentary for print, broadcast, or other communications media such as newspapers, magazines, radio, or television. May collect and analyze information through interview, investigation, or observation. |
| Public Relations Specialists | 27-3031 | 240 | \$21.16 | \$24.38 | \$29.67 | \$31.23 | \$35.65 | \$46.04 | \$44,021 | \$50,717 | \$61,709 | \$64,944 | \$74,134 | \$95,768 | Promote or create an intended public image for individuals, groups, or organizations. May write or select material for release to various communications media. May specialize in using social media. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Editors | 27－3041 | 130 | \＄20．09 | \＄21．71 | \＄26．25 | \＄26．31 | \＄29．30 | \＄31．18 | \＄41，785 | \＄45，144 | \＄54，601 | \＄54，735 | \＄60，947 | \＄64，862 | Plan，coordinate，revise，or edit written material．May review proposals and drafts for possible publication． |
| Technical Writers | 27－3042 | 110 | \＄23．31 | \＄24．91 | \＄27．45 | \＄27．64 | \＄30．15 | \＄32．40 | \＄48，492 | \＄51，819 | \＄57，104 | \＄57，496 | \＄62，729 | \＄67，386 | Write technical materials，such as equipment manuals，appendices，or operating and maintenance instructions．May assist in layout work． |
| Writers and Authors | 27－3043 | 30 | \＄20．02 | \＄22．99 | \＄27．98 | \＄26．03 | \＄28．96 | \＄30．91 | \＄41，631 | \＄47，822 | \＄58，196 | \＄54，148 | \＄60，226 | \＄64，285 | Originate and prepare written material，such as scripts，stories， advertisements，and other material．Excludes â€œNews Analysts， Reporters，and Journalistsâ€国27－3023），â€œPublic Relations Specialistsâ€国27－3031），and â€œTechnical Writersấ国27－3042）． |
| Interpreters and Translators | 27－3091 | 250 | \＄16．32 | \＄17．81 | \＄24．48 | \＄25．11 | \＄29．95 | \＄31．48 | \＄33，945 | \＄37，046 | \＄50，902 | \＄52，221 | \＄62，297 | \＄65，490 | Interpret oral or sign language，or translate written text from one language into another． |
| Media and Communication Workers，All Other | 27－3099 |  | \＄16．11 | \＄20．10 | \＄22．22 | \＄21．73 | \＄22．51 | \＄22．99 | \＄33，513 | \＄41，816 | \＄46，225 | \＄45，195 | \＄46，813 | \＄47，832 | All media and communication workers not listed separately． |
| Audio and Video Technicians | 27－4011 | 50 | \＄15．06 | \＄16．77 | \＄19．14 | \＄19．89 | \＄23．31 | \＄26．69 | \＄31，318 | \＄34，883 | \＄39，807 | \＄41，373 | \＄48，492 | \＄55，518 | Set up，maintain，and dismantle audio and video equipment，such as microphones，sound speakers，connecting wires and cables，sound and mixing boards，video cameras，video monitors and servers，and related electronic equipment for live or recorded events， |
| Broadcast Technicians | 27－4012 | 110 | \＄11．13 | \＄11．33 | \＄14．16 | \＄17．04 | \＄18．95 | \＄27．02 | \＄23，138 | \＄23，571 | \＄29，443 | \＄35，449 | \＄39，395 | \＄56，218 | Set up，operate，and maintain the electronic equipment used to acquire，edit，and transmit audio and video for radio or television programs．Control and adjust incoming and outgoing broadcast signals to regulate sound volume，signal strength，and signal |
| Sound Engineering Technicians | 27－4014 | 30 | \＄15．59 | \＄17．82 | \＄20．57 | \＄22．14 | \＄24．48 | \＄28．88 | \＄32，431 | \＄37，067 | \＄42，795 | \＄46，040 | \＄50，913 | \＄60，061 | Assemble and operate equipment to record，synchronize，mix，edit，or reproduce sound，including music，voices，or sound effects，for theater， video，film，television，podcasts，sporting events，and other productions．Excludes â€œAudio and Video Technicia |
| Photographers | 27－4021 | 100 | \＄15．02 | \＄15．35 | \＄17．89 | \＄18．84 | \＄20．90 | \＄23．91 | \＄31，236 | \＄31，916 | \＄37，221 | \＄39，199 | \＄43，485 | \＄49，728 | Photograph people，landscapes，merchandise，or other subjects．May use lighting equipment to enhance a subjectâ€ ${ }^{\mathrm{TM}} \mathrm{s}$ appearance．May use editing software to produce finished images and prints．Includes commercial and industrial photographers，scientific ph |
| Camera Operators，Television，Video，and Film | 27－4031 | 50 | \＄15．32 | \＄16．91 | \＄18．89 | \＄19．73 | \＄21．82 | \＄24．99 | \＄31，864 | \＄35，161 | \＄39，313 | \＄41，043 | \＄45，381 | \＄51，984 | Operate television，video，or film camera to record images or scenes for television，video，or film productions． |
| Film and Video Editors | 27－4032 | 80 | \＄19．05 | \＄19．94 | \＄23．42 | \＄24．12 | \＄25．73 | \＄33．60 | \＄39，622 | \＄41，497 | \＄48，708 | \＄50，150 | \＄53，519 | \＄69，879 | Edit moving images on film，video，or other media．May work with a producer or director to organize images for final production．May edit or synchronize soundtracks with images．Excludes â€œSound Engineering Techniciansâ€国27－4014）． |
| Chiropractors | 29－1011 | 220 | \＄29．72 | \＄35．81 | \＄38．63 | \＄43．31 | \＄49．23 | \＄56．21 | \＄61，812 | \＄74，484 | \＄80，366 | \＄90，091 | \＄102，392 | \＄116，908 | Assess，treat，and care for patients by manipulation of spine and musculoskeletal system．May provide spinal adjustment or address sacral or pelvic misalignment． |
| Dentists，General | 29－1021 | 280 | \＄47．84 | \＄49．52 | \＄61．58 | \＄70．74 | \＄78．39 | \＄115．41 | \＄99，518 | \＄103，010 | \＄128，085 | \＄147，144 | \＄163，051 | \＄240，059 | Examine，diagnose，and treat diseases，injuries，and malformations of teeth and gums．May treat diseases of nerve，pulp，and other dental tissues affecting oral hygiene and retention of teeth．May fit dental appliances or provide preventive care．Exclude |
| Oral and Maxillofacial Surgeons | 29－1022 | 70 | \＄97．74 | \＄101．15 |  | \＄152．07 |  |  | \＄203，290 | \＄210，378 |  | \＄316，304 |  |  | Perform surgery and related procedures on the hard and soft tissues of the oral and maxillofacial regions to treat diseases，injuries，or defects． May diagnose problems of the oral and maxillofacial regions．May perform surgery to improve function or app |
| Orthodontists | 29－1023 |  | \＄49．20 | \＄49．20 | \＄54．39 | \＄91．78 |  |  | \＄102，351 | \＄102，351 | \＄113，137 | \＄190，907 |  |  | Examine，diagnose，and treat dental malocclusions and oral cavity anomalies．Design and fabricate appliances to realign teeth and jaws to produce and maintain normal function and to improve appearance． |
| Dentists，All Other Specialists | 29－1029 | 20 | \＄91．84 | \＄101．59 | \＄110．19 | \＄109．06 |  |  | \＄191，031 | \＄211，295 | \＄229，200 | \＄226，831 |  |  | All dentists not listed separately． |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Dietitians and Nutritionists | 29-1031 | 200 | \$21.97 | \$26.52 | \$31.52 | \$32.09 | \$34.22 | \$44.01 | \$45,710 | \$55,147 | \$65,573 | \$66,757 | \$71,187 | \$91,544 | Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research. |
| Optometrists | 29-1041 | 190 | \$39.36 | \$44.25 | \$54.23 | \$57.10 | \$65.18 | \$80.45 | \$81,881 | \$92,028 | \$112,787 | \$118,772 | \$135,575 | \$167,347 | Diagnose, manage, and treat conditions and diseases of the human eye and visual system. Examine eyes and visual system, diagnose problems or impairments, prescribe corrective lenses, and provide treatment. May prescribe therapeutic drugs to treat specifi |
| Pharmacists | 29-1051 | 1,180 | \$51.91 | \$61.55 | \$67.12 | \$66.88 | \$73.86 | \$78.63 | \$107,976 | \$128,024 | \$139,593 | \$139,109 | \$153,624 | \$163,545 | Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of $m$ |
| Physician Assistants | 29-1071 | 580 | \$51.11 | \$52.15 | \$59.97 | \$60.87 | \$69.49 | \$73.56 | \$106,307 | \$108,470 | \$124,727 | \$126,612 | \$144,528 | \$152,996 | Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct complete physicals, provide treatment, and counsel patients. May, in some cases, prescribe medication. Must graduate from an accredited educatio |
| Podiatrists | 29-1081 | 30 | \$75.21 | \$80.60 | \$107.40 | \$106.95 |  |  | \$156,426 | \$167,656 | \$223,390 | \$222,442 |  |  | Diagnose and treat diseases and deformities of the human foot. |
| Occupational Therapists | 29-1122 | 460 | \$32.73 | \$34.93 | \$39.61 | \$40.43 | \$43.35 | \$48.90 | \$68,076 | \$72,671 | \$82,396 | \$84,075 | \$90,174 | \$101,712 | Assess, plan, and organize rehabilitative programs that help build or restore vocational, homemaking, and daily living skills, as well as general independence, to persons with disabilities or developmental delays. Use therapeutic techniques, adapt the in |
| Physical Therapists | 29-1123 | 900 | \$34.45 | \$38.81 | \$44.23 | \$44.10 | \$49.02 | \$51.25 | \$71,661 | \$80,727 | \$91,987 | \$91,740 | \$101,959 | \$106,606 | Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and improve or correct disabling conditions resulting from disease or injury. |
| Radiation Therapists | 29-1124 | 60 | \$34.73 | \$40.24 | \$42.49 | \$43.91 | \$47.01 | \$54.03 | \$72,238 | \$83,704 | \$88,361 | \$91,317 | \$97,777 | \$112,395 | Provide radiation therapy to patients as prescribed by a radiation oncologist according to established practices and standards. Duties may include reviewing prescription and diagnosis; acting as liaison with physician and supportive care personnel; prepa |
| Recreational Therapists | 29-1125 | 40 | \$20.72 | \$22.97 | \$24.48 | \$26.97 | \$28.33 | \$39.93 | \$43,083 | \$47,791 | \$50,913 | \$56,105 | \$58,928 | \$83,055 | Plan, direct, or coordinate medically-approved recreation programs for patients in hospitals, nursing homes, or other institutions. Activities include sports, trips, dramatics, social activities, and crafts. May assess a patient condition and recommend a |
| Respiratory Therapists | 29-1126 | 340 | \$24.45 | \$24.45 | \$31.70 | \$30.29 | \$33.88 | \$40.10 | \$50,841 | \$50,841 | \$65,933 | \$63,007 | \$70,466 | \$83,385 | Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient |
| Speech-Language Pathologists | 29-1127 | 400 | \$25.26 | \$29.56 | \$32.55 | \$34.35 | \$39.82 | \$45.99 | \$52,540 | \$61,483 | \$67,705 | \$71,445 | \$82,808 | \$95,644 | Assess and treat persons with speech, language, voice, and fluency disorders. May select alternative communication systems and teach their use. May perform research related to speech and language problems. |
| Therapists, All Other | 29-1129 | 50 | \$18.11 | \$19.79 | \$31.15 | \$34.32 | \$44.04 | \$57.44 | \$37,675 | \$41,157 | \$64,790 | \$71,373 | \$91,606 | \$119,473 | All therapists not listed separately. |
| Veterinarians | 29-1131 | 290 | \$29.51 | \$37.39 | \$50.00 | \$50.36 | \$64.60 | \$71.15 | \$61,369 | \$77,750 | \$103,999 | \$104,741 | \$134,390 | \$147,989 | Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals. |
| Registered Nurses | 29-1141 | 14,600 | \$27.14 | \$28.28 | \$33.20 | \$34.19 | \$39.35 | \$42.30 | \$56,435 | \$58,825 | \$69,055 | \$71,115 | \$81,850 | \$87,980 | Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease preventio |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Nurse Anesthetists | 29－1151 | 360 | \＄90．86 | \＄96．44 | \＄104．21 | \＄104．56 | \＄109．80 |  | \＄189，002 | \＄200，581 | \＄216，745 | \＄217，466 | \＄228，376 |  | Administer anesthesia，monitor patientâ $\epsilon^{\text {TM }} s$ vital signs，and oversee patient recovery from anesthesia．May assist anesthesiologists， surgeons，other physicians，or dentists．Must be registered nurses who have specialized graduate education． |
| Nurse Practitioners | 29－1171 | 920 | \＄47．68 | \＄51．54 | \＄59．14 | \＄59．93 | \＄68．21 | \＄74．12 | \＄99，168 | \＄107，203 | \＄123，017 | \＄124，634 | \＄141，880 | \＄154，170 | Diagnose and treat acute，episodic，or chronic illness，independently or as part of a healthcare team．May focus on health promotion and disease prevention．May order，perform，or interpret diagnostic tests such as lab work and x rays．May prescribe medi |
| Audiologists | 29－1181 | 100 | \＄45．73 | \＄53．82 | \＄55．90 | \＄53．91 | \＄57．11 | \＄57．11 | \＄95，119 | \＄111，942 | \＄116，259 | \＄112，138 | \＄118，793 | \＄118，793 | Assess and treat persons with hearing and related disorders．May fit hearing aids and provide auditory training．May perform research related to hearing problems． |
| Dermatologists | 29－1213 | 30 | \＄104．98 | \＄106．50 |  | \＄165．49 |  |  | \＄218，342 | \＄221，535 |  | \＄344，212 |  |  | Diagnose and treat diseases relating to the skin，hair，and nails．May perform both medical and dermatological surgery functions． |
| Emergency Medicine Physicians | 29－1214 | 110 | \＄111．49 | \＄116．79 |  | \＄153．73 |  |  | \＄231，910 | \＄242，922 |  | \＄319，745 |  |  | Make immediate medical decisions and act to prevent death or further disability．Provide immediate recognition，evaluation，care， stabilization，and disposition of patients．May direct emergency medical staff in an emergency department． |
| Family Medicine Physicians | 29－1215 | 520 | \＄34．02 | \＄58．17 | \＄107．07 | \＄105．15 |  |  | \＄70，755 | \＄120，987 | \＄222，689 | \＄218，713 |  |  | Diagnose，treat，and provide preventive care to individuals and families across the lifespan．May refer patients to specialists when needed for further diagnosis or treatment．Excludes â€œGeneral Internal Medicine Physiciansâ€国29－1216）and â€œPediatric |
| General Internal Medicine Physicians | 29－1216 | 160 | \＄111．52 | \＄116．07 |  | \＄156．85 |  |  | \＄231，961 | \＄241，429 |  | \＄326，256 |  |  | Diagnose and provide nonsurgical treatment for a wide range of diseases and injuries of internal organ systems．Provide care mainly for adults and adolescents，and are based primarily in an outpatient care setting．Excludes â€œFamily Medicine Physiciansâ |
| Obstetricians and Gynecologists | 29－1218 | 80 | \＄43．54 | \＄59．44 | \＄106．74 | \＄116．39 |  |  | \＄90，565 | \＄123，635 | \＄222，009 | \＄242，098 |  |  | Provide medical care related to pregnancy or childbirth．Diagnose， treat，and help prevent diseases of women，particularly those affecting the reproductive system．May also provide general care to women． May perform both medical and gynecological surgery |
| Pediatricians，General | 29－1221 | 50 | \＄78．56 | \＄102．90 | \＄107．76 | \＄117．23 |  |  | \＄163，401 | \＄214，025 | \＄224，142 | \＄243，829 |  |  | Diagnose，treat，and help prevent diseases and injuries in children．May refer patients to specialists for further diagnosis or treatment，as needed．Excludes â€œFamily Medicine Physiciansâ€ 29－1215）and â€œGeneral Internal Medicine Physiciansâ€国29－1 |
| Physicians，Pathologists | 29－1222 | 10 | \＄90．63 |  |  | \＄140．75 |  |  | \＄188，507 |  |  | \＄292，743 |  |  | Diagnose diseases and conduct lab tests using organs，body tissues，and fluids．Includes medical examiners． |
| Psychiatrists | 29－1223 | 60 | \＄84．31 | \＄103．70 |  | \＄134．90 |  |  | \＄175，382 | \＄215，704 |  | \＄280，577 |  |  | Diagnose，treat，and help prevent mental disorders．Excludes â€œClinical and Counseling Psychologistsấ国19－3033）and â€œSchool Psychologistsấ国19－3034）． |
| Radiologists | 29－1224 | 40 | \＄116．36 |  |  | \＄235．65 |  |  | \＄242，026 |  |  | \＄490，151 |  |  | Diagnose and treat diseases and injuries using medical imaging techniques，such as x rays，magnetic resonance imaging（MRI），nuclear medicine，and ultrasounds．May perform minimally invasive medical procedures and tests． |
| Physicians，All Other | 29－1229 | 170 | \＄112．56 |  |  | \＄146．85 |  |  | \＄234，125 |  |  | \＄305，446 |  |  | All physicians not listed separately． |
| Ophthalmologists，Except Pediatric | 29－1241 | 30 | \＄80．79 | \＄83．03 |  | \＄163．56 |  |  | \＄168，047 | \＄172，714 |  | \＄340，195 |  |  | Diagnose and perform surgery to treat and help prevent disorders and diseases of the eye．May also provide vision services for treatment including glasses and contacts．Excludes â€œOptometristsâ€ 29－1041） and â€œPediatric Surgeonsâ€国29－1243）． |
| Surgeons，All Other | 29－1249 | 200 |  |  |  |  |  |  |  |  |  |  |  |  | All surgeons not listed separately．Excludes â€œOral and Maxillofacial Surgeonsâ€国29－1022）． |


| Occupation | $\begin{aligned} & \hline \text { SOC* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Dental Hygienists | 29－1292 | 610 | \＄38．40 | \＄39．53 | \＄40．00 | \＄40．28 | \＄40．61 | \＄44．09 | \＄79，851 | \＄82，210 | \＄83，210 | \＄83，787 | \＄84，456 | \＄91，709 | Administer oral hygiene care to patients．Assess patient oral hygiene problems or needs and maintain health records．Advise patients on oral health maintenance and disease prevention．May provide advanced care such as providing fluoride treatment or admi |
| Healthcare Diagnosing or Treating Practitioners，All Other | 29－1299 | 60 | \＄34．22 | \＄36．50 | \＄37．64 | \＄42．31 | \＄49．22 | \＄57．64 | \＄71，187 | \＄75，916 | \＄78，296 | \＄88，000 | \＄102，382 | \＄119，895 | All healthcare diagnosing or treating practitioners not listed separately． |
| Clinical Laboratory Technologists and Technicians | 29－2010 | 1，240 | \＄16．34 | \＄21．62 | \＄26．20 | \＄27．91 | \＄33．54 | \＄39．74 | \＄33，976 | \＄44，968 | \＄54，488 | \＄58，042 | \＄69，766 | \＄82，653 |  |
| Cardiovascular Technologists and Technicians | 29－2031 | 160 | \＄20．20 | \＄26．98 | \＄30．65 | \＄33．06 | \＄39．98 | \＄43．71 | \＄42，032 | \＄56，115 | \＄63，739 | \＄68，777 | \＄83，158 | \＄90，926 | Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic，therapeutic，or research purposes．May conduct or assist in electrocardiograms，cardiac catheterizations，pulmonary functions， lung capacity，and similar tests． |
| Diagnostic Medical Sonographers | 29－2032 | 340 | \＄22．99 | \＄27．29 | \＄33．40 | \＄33．77 | \＄39．85 | \＄41．29 | \＄47，832 | \＄56，754 | \＄69，467 | \＄70，250 | \＄82，880 | \＄85，878 | Produce ultrasonic recordings of internal organs for use by physicians． Includes vascular technologists．Excludes â€œCardiovascular Technologists and Techniciansấ国29－2031）． |
| Nuclear Medicine Technologists | 29－2033 | 130 | \＄19．68 | \＄28．18 | \＄34．35 | \＄33．86 | \＄39．93 | \＄41．98 | \＄40，920 | \＄58，608 | \＄71，434 | \＄70，435 | \＄83，065 | \＄87，331 | Prepare，administer，and measure radioactive isotopes in therapeutic， diagnostic，and tracer studies using a variety of radioisotope equipment．Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists．Subje |
| Radiologic Technologists and Technicians | 29－2034 | 930 | \＄22．98 | \＄26．04 | \＄32．07 | \＄31．49 | \＄34．25 | \＄40．68 | \＄47，812 | \＄54，158 | \＄66，716 | \＄65，511 | \＄71，239 | \＄84，611 | Take x －rays and CAT scans or administer nonradioactive materials into patientâ $\epsilon^{m \times s}$ bloodstream for diagnostic or research purposes．Includes radiologic technologists and technicians who specialize in other scanning modalities．Excludes â€œDiagnostic Medic |
| Magnetic Resonance Imaging Technologists | 29－2035 | 160 | \＄25．55 | \＄26．86 | \＄33．17 | \＄33．16 | \＄38．61 | \＄41．74 | \＄53，138 | \＄55，868 | \＄69，003 | \＄68，972 | \＄80，315 | \＄86，826 | Operate Magnetic Resonance Imaging（MRI）scanners．Monitor patient safety and comfort，and view images of area being scanned to ensure quality of pictures．May administer gadolinium contrast dosage intravenously．May interview patient，explain MRI proced |
| Medical Dosimetrists | 29－2036 | 20 | \＄37．30 | \＄48．13 | \＄65．41 | \＄60．81 | \＄72．11 | \＄74．63 | \＄77，585 | \＄100，115 | \＄136，059 | \＄126，489 | \＄149，998 | \＄155，231 | Generate radiation treatment plans，develop radiation dose calculations，communicate and supervise the treatment plan implementation，and consult with members of radiation oncology team． |
| Emergency Medical Technicians | 29－2042 | 800 | \＄13．01 | \＄15．89 | \＄18．81 | \＄19．28 | \＄20．60 | \＄23．48 | \＄27，064 | \＄33，049 | \＄39，138 | \＄40，096 | \＄42，857 | \＄48，832 | Assess injuries and illnesses and administer basic emergency medical care．May transport injured or sick persons to medical facilities． Excludes â€œParamedicsâ€国29－2043），â€œFirefightersâ€国33－2011）， and â€œAmbulance Drivers and Attendants，Except Eme |
| Paramedics | 29－2043 | 400 | \＄19．17 | \＄20．91 | \＄22．91 | \＄23．55 | \＄24．52 | \＄26．66 | \＄39，879 | \＄43，506 | \＄47，647 | \＄48，997 | \＄51，005 | \＄55，456 | Administer basic or advanced emergency medical care and assess injuries and illnesses．May administer medication intravenously，use equipment such as EKGs，or administer advanced life support to sick or injured individuals．Excludes â€œEmergency Medical |
| Pharmacy Technicians | 29－2052 | 1，140 | \＄17．03 | \＄17．78 | \＄19．55 | \＄20．38 | \＄22．96 | \＄24．40 | \＄35，418 | \＄36，984 | \＄40，673 | \＄42，383 | \＄47，771 | \＄50，738 | Prepare medications under the direction of a pharmacist．May measure，mix，count out，label，and record amounts and dosages of medications according to prescription orders． |
| Psychiatric Technicians | 29－2053 |  | \＄17．46 | \＄19．17 | \＄19．17 | \＄20．33 | \＄20．95 | \＄23．46 | \＄36，315 | \＄39，879 | \＄39，879 | \＄42，280 | \＄43，588 | \＄48，791 | Care for individuals with mental or emotional conditions or disabilities， following the instructions of physicians or other health practitioners． Monitor patientsâ $€^{\text {TM }}$ physical and emotional well－being and report to medical staff．May participate in rehabi |
| Surgical Technologists | 29－2055 | 530 | \＄19．53 | \＄20．19 | \＄25．74 | \＄25．32 | \＄28．76 | \＄32．18 | \＄40，642 | \＄42，001 | \＄53，550 | \＄52，664 | \＄59，824 | \＄66，943 | Assist in operations，under the supervision of surgeons，registered nurses，or other surgical personnel．May help set up operating room， prepare and transport patients for surgery，adjust lights and equipment，pass instruments and other supplies to surge |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Veterinary Technologists and Technicians | 29－2056 | 360 | \＄17．85 | \＄18．82 | \＄19．76 | \＄20．41 | \＄22．20 | \＄22．70 | \＄37，129 | \＄39，138 | \＄41，105 | \＄42，444 | \＄46，174 | \＄47，214 | Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals．Prepare vaccines and serums for prevention of diseases．Prepare tissue samples，take blood samples，and execute laboratory tests，such as uri |
| Ophthalmic Medical Technicians | 29－2057 | 290 | \＄17．66 | \＄18．68 | \＄20．60 | \＄21．76 | \＄23．88 | \＄25．59 | \＄36，717 | \＄38，859 | \＄42，867 | \＄45，247 | \＄49，677 | \＄53，231 | Assist ophthalmologists by performing ophthalmic clinical functions． May administer eye exams，administer eye medications，and instruct the patient in care and use of corrective lenses． |
| Licensed Practical and Licensed Vocational Nurses | 29－2061 | 2，150 | \＄19．15 | \＄22．47 | \＄24．57 | \＄24．56 | \＄27．43 | \＄29．23 | \＄39，828 | \＄46，740 | \＄51，108 | \＄51，078 | \＄57，053 | \＄60，792 | Care for ill，injured，or convalescing patients or persons with disabilities in hospitals，nursing homes，clinics，private homes，group homes，and similar institutions．May work under the supervision of a registered nurse．Licensing required． |
| Medical Records Specialists | 29－2072 | 1，100 | \＄16．89 | \＄20．19 | \＄24．75 | \＄25．96 | \＄31．54 | \＄36．77 | \＄35，109 | \＄42，001 | \＄51，459 | \＄54，003 | \＄65，614 | \＄76，482 | Compile，process，and maintain medical records of hospital and clinic patients in a manner consistent with medical，administrative，ethical， legal，and regulatory requirements of the healthcare system．Classify medical and healthcare concepts，including |
| Opticians，Dispensing | 29－2081 | 420 | \＄16．71 | \＄17．62 | \＄18．43 | \＄19．66 | \＄22．28 | \＄24．11 | \＄34，759 | \＄36，644 | \＄38，344 | \＄40，889 | \＄46，349 | \＄50，150 | Design，measure，fit，and adapt lenses and frames for client according to written optical prescription or specification．Assist client with inserting，removing，and caring for contact lenses．Assist client with selecting frames．Measure customer for size |
| Orthotists and Prosthetists | 29－2091 | 40 | \＄23．72 | \＄36．67 | \＄38．52 | \＄40．43 | \＄46．49 | \＄54．84 | \＄49，316 | \＄76，266 | \＄80，109 | \＄84，085 | \＄96，705 | \＄114，075 | Design，measure，fit，and adapt orthopedic braces，appliances or prostheses，such as limbs or facial parts for patients with disabling conditions． |
| Health Technologists and Technicians，All Other | 29－2099 | 220 | \＄16．46 | \＄22．74 | \＄27．54 | \＄29．76 | \＄34．80 | \＄45．64 | \＄34，254 | \＄47，286 | \＄57，279 | \＄61，905 | \＄72，382 | \＄94，923 | All health technologists and technicians not listed separately． |
| Health Information Technologists and Medical Registrars | 29－9021 | 300 | \＄19．62 | \＄20．37 | \＄28．50 | \＄29．39 | \＄33．38 | \＄42．65 | \＄40，786 | \＄42，352 | \＄59，268 | \＄61，122 | \＄69，426 | \＄88，721 | Apply knowledge of healthcare and information systems to assist in the design，development，and continued modification and analysis of computerized healthcare systems．Abstract，collect，and analyze treatment and followup information of patients．May edu |
| Athletic Trainers | 29－9091 | 150 |  |  |  |  |  |  | \＄44，227 | \＄46，194 | \＄52，128 | \＄54，312 | \＄62，008 | \＄67，118 | Evaluate and treat musculoskeletal injuries or illnesses．Provide preventive，therapeutic，emergency，and rehabilitative care．Excludes â€œPhysical Therapistsâ€国29－1123）． |
| Surgical Assistants | 29－9093 | 50 | \＄21．75 | \＄24．11 | \＄28．13 | \＄28．50 | \＄30．01 | \＄41．47 | \＄45，226 | \＄50，150 | \＄58，516 | \＄59，257 | \＄62，420 | \＄86，249 | Assist in operations，under the supervision of surgeons．May，in accordance with state laws，help surgeons to make incisions and close surgical sites，manipulate or remove tissues，implant surgical devices or drains，suction the surgical site，place cath |
| Healthcare Practitioners and Technical Workers，All Other | 29－9099 | 40 | \＄14．36 | \＄14．79 | \＄20．24 | \＄23．25 | \＄32．14 | \＄36．07 | \＄29，876 | \＄30，772 | \＄42，105 | \＄48，358 | \＄66，860 | \＄75，020 | All healthcare practitioners and technical workers not listed separately． |
| Home Health and Personal Care Aides | 31－1120 | 3，770 | \＄14．87 | \＄15．60 | \＄17．19 | \＄17．44 | \＄18．84 | \＄19．84 | \＄30，934 | \＄32，429 | \＄35，759 | \＄36，274 | \＄39，201 | \＄41，273 |  |
| Nursing Assistants | 31－1131 | 5，880 | \＄14．59 | \＄16．51 | \＄17．70 | \＄18．02 | \＄19．42 | \＄21．51 | \＄30，337 | \＄34，357 | \＄36，820 | \＄37，480 | \＄40，397 | \＄44，747 | Provide or assist with basic care or support under the direction of onsite licensed nursing staff．Perform duties such as monitoring of health status，feeding，bathing，dressing，grooming，toileting，or ambulation of patients in a health or nursing facil |
| Orderlies | 31－1132 | 220 | \＄14．34 | \＄15．78 | \＄18．09 | \＄18．11 | \＄19．75 | \＄19．78 | \＄29，831 | \＄32，821 | \＄37，624 | \＄37，676 | \＄41，078 | \＄41，139 | Transport patients to areas such as operating rooms or x－ray rooms using wheelchairs，stretchers，or moveable beds．May maintain stocks of supplies or clean and transport equipment．Excludes â€œNursing Assistantsấ⿴囗十（31－1131）．Psychiatric orderlies are i |
| Occupational Therapy Assistants | 31－2011 | 90 | \＄19．04 | \＄21．49 | \＄26．53 | \＄25．75 | \＄28．37 | \＄33．49 | \＄39，593 | \＄44，716 | \＄55，200 | \＄53，561 | \＄58，993 | \＄69，662 | Assist occupational therapists in providing occupational therapy treatments and procedures．May，in accordance with State laws，assist in development of treatment plans，carry out routine functions，direct activity programs，and document the progress of |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Physical Therapist Assistants | 31-2021 | 260 | \$19.73 | \$21.79 | \$26.13 | \$25.84 | \$28.63 | \$32.49 | \$41,047 | \$45,324 | \$54,354 | \$53,746 | \$59,550 | \$67,590 | Assist physical therapists in providing physical therapy treatments and procedures. May, in accordance with State laws, assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific tre |
| Physical Therapist Aides | 31-2022 | 130 | \$14.43 | \$15.29 | \$16.11 | \$16.59 | \$16.75 | \$19.59 | \$30,017 | \$31,790 | \$33,511 | \$34,491 | \$34,841 | \$40,727 | Under close supervision of a physical therapist or physical therapy assistant, perform only delegated, selected, or routine tasks in specific situations. These duties include preparing the patient and the treatment area. |
| Massage Therapists | 31-9011 | 100 | \$18.39 | \$22.03 | \$23.07 | \$24.24 | \$26.95 | \$30.27 | \$38,243 | \$45,819 | \$47,974 | \$50,427 | \$56,055 | \$62,972 | Perform therapeutic massages of soft tissues and joints. May assist in the assessment of range of motion and muscle strength, or propose client therapy plans. |
| Dental Assistants | 31-9091 | 1,140 | \$18.67 | \$20.99 | \$23.53 | \$23.60 | \$27.04 | \$28.40 | \$38,830 | \$43,665 | \$48,953 | \$49,087 | \$56,241 | \$59,075 | Perform limited clinical duties under the direction of a dentist. Clinical duties may include equipment preparation and sterilization, preparing patients for treatment, assisting the dentist during treatment, and providing patients with instructions for |
| Medical Assistants | 31-9092 | 1,010 | \$14.33 | \$16.71 | \$17.98 | \$18.72 | \$21.36 | \$22.81 | \$29,811 | \$34,759 | \$37,398 | \$38,923 | \$44,428 | \$47,458 | Perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may inc |
| Medical Equipment Preparers | 31-9093 | 340 | \$16.21 | \$16.79 | \$19.84 | \$20.20 | \$22.06 | \$27.75 | \$33,718 | \$34,934 | \$41,263 | \$42,016 | \$45,871 | \$57,715 | Prepare, sterilize, install, or clean laboratory or healthcare equipment. May perform routine laboratory tasks and operate or inspect equipment. |
| Medical Transcriptionists | 31-9094 | 290 | \$16.34 | \$19.17 | \$20.87 | \$21.79 | \$23.02 | \$27.12 | \$33,996 | \$39,892 | \$43,417 | \$45,324 | \$47,871 | \$56,416 | Transcribe medical reports recorded by physicians and other healthcare practitioners using various electronic devices, covering office visits, emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Transcribe d |
| Pharmacy Aides | 31-9095 | 70 | \$12.62 | \$15.08 | \$18.39 | \$17.91 | \$20.10 | \$23.02 | \$26,244 | \$31,367 | \$38,243 | \$37,233 | \$41,809 | \$47,881 | Record drugs delivered to the pharmacy, store incoming merchandise, and inform the supervisor of stock needs. May operate cash register and accept prescriptions for filling. |
| Veterinary Assistants and Laboratory Animal Caretakers | 31-9096 | 270 | \$13.54 | \$15.39 | \$16.83 | \$16.37 | \$17.76 | \$18.73 | \$28,162 | \$32,017 | \$35,016 | \$34,047 | \$36,934 | \$38,964 | Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment. May provide rout |
| Phlebotomists | 31-9097 | 390 | \$15.18 | \$16.50 | \$17.96 | \$18.60 | \$19.78 | \$21.55 | \$31,584 | \$34,326 | \$37,356 | \$38,676 | \$41,129 | \$44,830 | Draw blood for tests, transfusions, donations, or research. May explain the procedure to patients and assist in the recovery of patients with adverse reactions. |
| Healthcare Support Workers, All Other | 31-9099 | 220 | \$14.55 | \$17.13 | \$20.06 | \$21.12 | \$25.45 | \$28.31 | \$30,275 | \$35,635 | \$41,717 | \$43,933 | \$52,942 | \$58,880 | All healthcare support workers not listed separately. |
| First-Line Supervisors of Correctional Officers | 33-1011 | 50 | \$25.17 | \$31.60 | \$34.36 | \$35.03 | \$37.60 | \$44.69 | \$52,355 | \$65,724 | \$71,466 | \$72,847 | \$78,217 | \$92,948 | Directly supervise and coordinate activities of correctional officers and jailers. |
| First-Line Supervisors of Police and Detectives | 33-1012 | 170 | \$31.51 | \$33.33 | \$40.03 | \$43.81 | \$50.98 | \$64.07 | \$65,539 | \$69,311 | \$83,248 | \$91,113 | \$106,049 | \$133,283 | Directly supervise and coordinate activities of members of police force. |
| First-Line Supervisors of Firefighting and Prevention Workers | 33-1021 | 100 | \$29.12 | \$36.50 | \$44.61 | \$41.75 | \$44.61 | \$47.80 | \$60,570 | \$75,929 | \$92,793 | \$86,835 | \$92,793 | \$99,431 | Directly supervise and coordinate activities of workers engaged in firefighting and fire prevention and control. |
| First-Line Supervisors of Security Workers | 33-1091 | 70 | \$17.85 | \$22.00 | \$28.08 | \$27.56 | \$32.03 | \$36.80 | \$37,140 | \$45,747 | \$58,405 | \$57,323 | \$66,621 | \$76,537 | Directly supervise and coordinate activities of security workers and security guards. |
| First-Line Supervisors of Protective Service Workers, All Other | 33-1099 | 70 | \$17.06 | \$17.26 | \$19.59 | \$24.73 | \$31.28 | \$38.81 | \$35,491 | \$35,882 | \$40,737 | \$51,437 | \$65,075 | \$80,722 | All protective service supervisors not listed separately above. |
| Firefighters | 33-2011 | 470 | \$19.45 | \$20.70 | \$25.44 | \$26.50 | \$33.68 | \$39.67 | \$40,459 | \$43,057 | \$52,911 | \$55,127 | \$70,043 | \$82,495 | Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Fire Inspectors and Investigators | 33-2021 | 30 | \$22.62 | \$25.79 | \$33.99 | \$34.90 | \$44.17 | \$44.17 | \$47,046 | \$53,643 | \$70,682 | \$72,589 | \$91,876 | \$91,876 | Inspect buildings to detect fire hazards and enforce local ordinances and State laws, or investigate and gather facts to determine cause of fires and explosions. |
| Forest Fire Inspectors and Prevention Specialists | 33-2022 | 20 | \$19.72 | \$21.07 | \$22.32 | \$22.85 | \$24.90 | \$27.34 | \$41,016 | \$43,830 | \$46,417 | \$47,541 | \$51,798 | \$56,859 | Enforce fire regulations, inspect forest for fire hazards, and recommend forest fire prevention or control measures. May report forest fires and weather conditions. |
| Correctional Officers and Jailers | 33-3012 | 1,210 | \$19.00 | \$23.39 | \$24.76 | \$25.03 | \$27.19 | \$30.90 | \$39,511 | \$48,644 | \$51,489 | \$52,056 | \$56,560 | \$64,281 | Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point. Includes deputy sheriffs and police who spend the majority of |
| Detectives and Criminal Investigators | 33-3021 | 220 | \$27.76 | \$31.51 | \$35.71 | \$41.62 | \$51.30 | \$67.12 | \$57,735 | \$65,549 | \$74,269 | \$86,588 | \$106,709 | \$139,602 | Conduct investigations related to suspected violations of federal, state, or local laws to prevent or solve crimes. Excludes â€æPrivate Detectives and Investigatorsấ国33-9021). |
| Fish and Game Wardens | 33-3031 | 120 | \$19.79 | \$24.99 | \$27.32 | \$28.08 | \$30.57 | \$34.83 | \$41,160 | \$51,973 | \$56,818 | \$58,405 | \$63,590 | \$72,445 | Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data. |
| Parking Enforcement Workers | 33-3041 |  | \$19.87 | \$21.60 | \$24.88 | \$24.15 | \$24.97 | \$29.19 | \$41,335 | \$44,912 | \$51,757 | \$50,231 | \$51,922 | \$60,725 | Patrol assigned area, such as public parking lot or city streets to issue tickets to overtime parking violators and illegally parked vehicles. |
| Police and Sheriff's Patrol Officers | 33-3051 | 1,860 | \$22.36 | \$24.38 | \$27.45 | \$29.19 | \$31.68 | \$41.23 | \$46,510 | \$50,705 | \$57,096 | \$60,714 | \$65,879 | \$85,773 | Maintain order and protect life and property by enforcing local, tribal, State, or Federal laws and ordinances. Perform a combination of the following duties: patrol a specific area; direct traffic; issue traffic summonses; investigate accidents; apprehe |
| Animal Control Workers | 33-9011 | 30 | \$17.51 | \$18.60 | \$22.24 | \$22.49 | \$25.84 | \$27.85 | \$36,429 | \$38,676 | \$46,273 | \$46,778 | \$53,756 | \$57,942 | Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals. |
| Private Detectives and Investigators | 33-9021 | 60 | \$19.26 | \$21.13 | \$23.21 | \$25.67 | \$28.93 | \$36.29 | \$40,057 | \$43,954 | \$48,283 | \$53,385 | \$60,189 | \$75,486 | Gather, analyze, compile, and report information regarding individuals or organizations to clients, or detect occurrences of unlawful acts or infractions of rules in private establishment. |
| Gambling Surveillance Officers and Gambling Investigators | 33-9031 | 100 | \$14.08 | \$14.41 | \$18.13 | \$18.09 | \$21.21 | \$22.54 | \$29,275 | \$29,965 | \$37,707 | \$37,624 | \$44,129 | \$46,891 | Observe gambling operation for irregular activities such as cheating or theft by either employees or patrons. Investigate potential threats to gambling assets such as money, chips, and gambling equipment. Act as oversight and security agent for managemen |
| Security Guards | 33-9032 | 1,410 | \$14.27 | \$15.40 | \$17.51 | \$18.23 | \$19.37 | \$23.21 | \$29,677 | \$32,027 | \$36,418 | \$37,934 | \$40,284 | \$48,293 | Guard, patrol, or monitor premises to prevent theft, violence, or infractions of rules. May operate x-ray and metal detector equipment. Excludes â€œPolice Officersâ€ 133 -3050) and â€œTransportation Security Screenersâ€ 33 -9093). |
| Crossing Guards and Flaggers | 33-9091 | 70 | \$15.44 | \$19.28 | \$23.53 | \$21.87 | \$24.04 | \$24.40 | \$32,120 | \$40,088 | \$48,943 | \$45,489 | \$50,004 | \$50,746 | Guide or control vehicular or pedestrian traffic at such places as streets, schools, railroad crossings, or construction sites. |
| Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 33-9092 | 570 | \$11.96 | \$13.29 | \$13.99 | \$14.37 | \$15.86 | \$16.10 | \$24,873 | \$27,646 | \$29,100 | \$29,893 | \$32,996 | \$33,491 | Monitor recreational areas, such as pools, beaches, or ski slopes, to provide assistance and protection to participants. |
| Transportation Security Screeners | 33-9093 | 70 | \$20.07 | \$21.07 | \$23.05 | \$23.68 | \$25.69 | \$28.32 | \$41,748 | \$43,830 | \$47,943 | \$49,262 | \$53,427 | \$58,900 | Conduct screening of passengers, baggage, or cargo to ensure compliance with Transportation Security Administration (TSA) regulations. May operate basic security equipment such as $x$-ray machines and hand wands at screening checkpoints. |
| School Bus Monitors | 33-9094 | 90 | \$14.37 | \$14.70 | \$14.70 | \$15.60 | \$16.49 | \$18.46 | \$29,883 | \$30,584 | \$30,584 | \$32,429 | \$34,305 | \$38,397 | Maintain order among students on a school bus. Duties include helping students safely board and exit and communicating behavioral problems. May perform pretrip and posttrip inspections and prepare for and assist in emergency evacuations. |
| Protective Service Workers, All Other | 33-9099 | 110 | \$15.46 | \$18.68 | \$19.92 | \$21.63 | \$23.14 | \$31.13 | \$32,161 | \$38,851 | \$41,428 | \$44,974 | \$48,139 | \$64,755 | All protective service workers not listed separately. |
| Chefs and Head Cooks | 35-1011 | 160 | \$19.10 | \$20.04 | \$22.93 | \$23.71 | \$25.13 | \$29.17 | \$39,738 | \$41,686 | \$47,685 | \$49,314 | \$52,262 | \$60,673 | Direct and may participate in the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts. |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| First－Line Supervisors of Food Preparation and Serving Workers | 35－1012 | 2，850 | \＄17．09 | \＄18．14 | \＄18．79 | \＄19．97 | \＄21．76 | \＄23．70 | \＄35，552 | \＄37，738 | \＄39，098 | \＄41，521 | \＄45，252 | \＄49，293 | Directly supervise and coordinate activities of workers engaged in preparing and serving food． |
| Cooks，Fast Food | 35－2011 | 1，350 | \＄11．61 | \＄13．77 | \＄14．40 | \＄14．24 | \＄15．17 | \＄15．70 | \＄24，152 | \＄28，646 | \＄29，955 | \＄29，615 | \＄31，553 | \＄32，656 | Prepare and cook food in a fast food restaurant with a limited menu． Duties of these cooks are limited to preparation of a few basic items and normally involve operating large－volume single－purpose cooking equipment． |
| Cooks，Institution and Cafeteria | 35－2012 | 2，100 | \＄14．03 | \＄14．77 | \＄16．84 | \＄16．99 | \＄18．19 | \＄20．51 | \＄29，192 | \＄30，728 | \＄35，027 | \＄35，336 | \＄37，841 | \＄42，665 | Prepare and cook large quantities of food for institutions，such as schools，hospitals，or cafeterias． |
| Cooks，Restaurant | 35－2014 | 1，410 | \＄14．20 | \＄14．85 | \＄16．82 | \＄16．57 | \＄17．75 | \＄18．33 | \＄29，553 | \＄30，883 | \＄34，986 | \＄34，449 | \＄36，913 | \＄38，129 | Prepare，season，and cook dishes such as soups，meats，vegetables，or desserts in restaurants．May order supplies，keep records and accounts， price items on menu，or plan menu． |
| Cooks，Short Order | 35－2015 | 1，810 | \＄12．31 | \＄13．72 | \＄14．99 | \＄15．32 | \＄17．17 | \＄17．92 | \＄25，595 | \＄28，543 | \＄31，172 | \＄31，852 | \＄35，707 | \＄37，253 | Prepare and cook to order a variety of foods that require only a short preparation time．May take orders from customers and serve patrons at counters or tables．Excludes â€œCooks，Fast Foodâ€ ${ }^{\text {（1）}} 35$－2011）． |
| Food Preparation Workers | 35－2021 | 2，990 | \＄12．00 | \＄13．27 | \＄14．01 | \＄14．57 | \＄15．74 | \＄17．71 | \＄24，966 | \＄27，595 | \＄29，131 | \＄30，306 | \＄32，738 | \＄36，831 | Perform a variety of food preparation duties other than cooking，such as preparing cold foods and shellfish，slicing meat，and brewing coffee or tea． |
| Bartenders | 35－3011 | 3，700 | \＄11．62 | \＄13．32 | \＄14．07 | \＄14．52 | \＄14．99 | \＄17．62 | \＄24，172 | \＄27，708 | \＄29，254 | \＄30，213 | \＄31，172 | \＄36，635 | Mix and serve drinks to patrons，directly or through waitstaff． |
| Fast Food and Counter Workers | 35－3023 | 15，090 | \＄11．72 | \＄13．46 | \＄14．45 | \＄14．43 | \＄15．17 | \＄17．19 | \＄24，368 | \＄28，007 | \＄30，058 | \＄30，017 | \＄31，553 | \＄35，759 | Perform duties such as taking orders and serving food and beverages． Serve customers at counter or from a steam table．May take payment． May prepare food and beverages．Counter attendants who also wait tables are included in â€œWaiters and Waitressesâ€？ |
| Waiters and Waitresses | 35－3031 | 6，080 | \＄11．84 | \＄13．30 | \＄13．87 | \＄14．17 | \＄14．39 | \＄17．26 | \＄24，626 | \＄27，646 | \＄28，863 | \＄29，471 | \＄29，924 | \＄35，882 | Take orders and serve food and beverages to patrons at tables in dining establishment．Excludes â€œFast Food and Counter Workersấ国35－ 3023）． |
| Food Servers，Nonrestaurant | 35－3041 | 110 | \＄13．68 | \＄14．68 | \＄15．87 | \＄16．76 | \＄19．32 | \＄20．63 | \＄28，440 | \＄30，532 | \＄33，017 | \＄34，862 | \＄40，181 | \＄42，902 | Serve food to individuals outside of a restaurant environment，such as in hotel rooms，hospital rooms，residential care facilities，or cars． Excludes â€œFast Food and Counter Workersâ€⿴囗玉 35－3023）and â€œDoor－to－Door Sales Workers，News and Street Vendors |
| Dining Room and Cafeteria Attendants and Bartender Helpers | 35－9011 | 2，150 | \＄11．70 | \＄12．65 | \＄13．53 | \＄13．81 | \＄14．47 | \＄16．49 | \＄24，348 | \＄26，296 | \＄28，141 | \＄28，718 | \＄30，089 | \＄34，295 | Facilitate food service．Clean tables；remove dirty dishes；replace soiled table linens；set tables；replenish supply of clean linens，silverware， glassware，and dishes；supply service bar with food；and serve items such as water，condiments，and coffee |
| Dishwashers | 35－9021 | 1，340 | \＄11．52 | \＄11．70 | \＄12．93 | \＄12．97 | \＄13．70 | \＄14．28 | \＄23，966 | \＄24，337 | \＄26，873 | \＄26，976 | \＄28，502 | \＄29，687 | Clean dishes，kitchen，food preparation equipment，or utensils． |
| Hosts and Hostesses，Restaurant，Lounge， and Coffee Shop | 35－9031 | 440 | \＄11．96 | \＄13．19 | \＄14．01 | \＄14．32 | \＄14．87 | \＄16．89 | \＄24，863 | \＄27，440 | \＄29，151 | \＄29，770 | \＄30，945 | \＄35，130 | Welcome patrons，seat them at tables or in lounge，and help ensure quality of facilities and service． |
| First－Line Supervisors of Housekeeping and Janitorial Workers | 37－1011 | 590 | \＄15．53 | \＄18．28 | \＄22．33 | \＄22．24 | \＄24．87 | \＄29．20 | \＄32，305 | \＄38，016 | \＄46，438 | \＄46，273 | \＄51，736 | \＄60，735 | Directly supervise and coordinate work activities of cleaning personnel in hotels，hospitals，offices，and other establishments． |
| First－Line Supervisors of Landscaping，Lawn Service，and Groundskeeping Workers | 37－1012 | 330 | \＄18．80 | \＄23．05 | \＄27．70 | \＄27．05 | \＄28．84 | \＄37．03 | \＄39，109 | \＄47，932 | \＄57，601 | \＄56，272 | \＄59，982 | \＄77，022 | Directly supervise and coordinate activities of workers engaged in landscaping or groundskeeping activities．Work may involve reviewing contracts to ascertain service，machine，and workforce requirements； answering inquiries from potential customers rega |
| Janitors and Cleaners，Except Maids and Housekeeping Cleaners | 37－2011 | 8，110 | \＄13．93 | \＄14．85 | \＄16．39 | \＄16．75 | \＄18．18 | \＄20．33 | \＄28，955 | \＄30，883 | \＄34，089 | \＄34，831 | \＄37，831 | \＄42，284 | Keep buildings in clean and orderly condition．Perform heavy cleaning duties，such as cleaning floors，shampooing rugs，washing walls and glass，and removing rubbish．Duties may include tending furnace and boiler，performing routine maintenance activitie |
| Maids and Housekeeping Cleaners | 37－2012 | 3，840 | \＄11．94 | \＄13．49 | \＄14．10 | \＄14．85 | \＄16．34 | \＄18．30 | \＄24，822 | \＄28，069 | \＄29，326 | \＄30，883 | \＄33，986 | \＄38，047 | Perform any combination of light cleaning duties to maintain private households or commercial establishments，such as hotels and hospitals，in a clean and orderly manner．Duties may include making beds，replenishing linens，cleaning rooms and halls，and |
| Pest Control Workers | 37－2021 | 130 | \＄14．82 | \＄17．81 | \＄23．07 | \＄22．87 | \＄28．15 | \＄33．22 | \＄30，842 | \＄37，047 | \＄47，994 | \＄47，572 | \＄58，539 | \＄69，095 | Apply or release chemical solutions or toxic gases and set traps to kill or remove pests and vermin that infest buildings and surrounding areas． |


| Occupation | $\begin{aligned} & \hline \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Landscaping and Groundskeeping Workers | 37-3011 | 2,640 | \$13.54 | \$14.36 | \$15.28 | \$16.51 | \$18.29 | \$21.45 | \$28,182 | \$29,862 | \$31,780 | \$34,357 | \$38,047 | \$44,624 | Landscape or maintain grounds of property using hand or power tools or equipment. Workers typically perform a variety of tasks, which may include any combination of the following: sod laying, mowing, trimming, planting, watering, fertilizing, digging, ra |
| Pesticide Handlers, Sprayers, and Applicators, Vegetation | 37-3012 | 600 | \$16.80 | \$18.92 | \$21.48 | \$22.03 | \$23.78 | \$29.17 | \$34,944 | \$39,346 | \$44,685 | \$45,819 | \$49,458 | \$60,663 | Mix or apply pesticides, herbicides, fungicides, or insecticides through sprays, dusts, vapors, soil incorporation, or chemical application on trees, shrubs, lawns, or crops. Usually requires specific training and state or federal certification. Crop dus |
| Tree Trimmers and Pruners | 37-3013 | 220 | \$19.75 | \$23.43 | \$24.86 | \$26.66 | \$28.91 | \$33.72 | \$41,088 | \$48,747 | \$51,715 | \$55,457 | \$60,127 | \$70,126 | Using sophisticated climbing and rigging techniques, cut away dead or excess branches from trees or shrubs to maintain right-of-way for roads, sidewalks, or utilities, or to improve appearance, health, and value of tree. Prune or treat trees or shrubs us |
| Grounds Maintenance Workers, All Other | 37-3019 | 20 | \$23.48 | \$25.45 | \$33.66 | \$31.25 | \$35.49 | \$38.08 | \$48,840 | \$52,942 | \$70,002 | \$65,013 | \$73,816 | \$79,207 | All grounds maintenance workers not listed separately. |
| First-Line Supervisors of Gambling Services Workers | 39-1013 | 70 | \$19.30 | \$20.97 | \$23.95 | \$23.63 | \$25.91 | \$27.21 | \$40,140 | \$43,613 | \$49,808 | \$49,138 | \$53,901 | \$56,601 | Directly supervise and coordinate activities of workers in assigned gambling areas. May circulate among tables, observe operations, and ensure that stations and games are covered for each shift. May verify and pay off jackpots. May reset slot machines af |
| First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services | 39-1014 | 260 | \$16.15 | \$18.69 | \$20.08 | \$20.98 | \$23.03 | \$25.84 | \$33,594 | \$38,882 | \$41,778 | \$43,634 | \$47,901 | \$53,746 | Directly supervise and coordinate activities of entertainment and recreation related workers. |
| First-Line Supervisors of Personal Service Workers | 39-1022 | 250 | \$18.89 | \$21.27 | \$23.92 | \$24.73 | \$28.55 | \$32.30 | \$39,305 | \$44,232 | \$49,757 | \$51,437 | \$59,395 | \$67,178 | Supervise and coordinate activities of personal service workers. |
| Animal Trainers | 39-2011 | 40 | \$14.95 | \$16.93 | \$21.65 | \$20.87 | \$24.61 | \$24.86 | \$31,089 | \$35,192 | \$45,026 | \$43,428 | \$51,179 | \$51,715 | Train animals for riding, harness, security, performance, or obedience, or for assisting persons with disabilities. Accustom animals to human voice and contact, and condition animals to respond to commands. Train animals according to prescribed standards |
| Animal Caretakers | 39-2021 | 890 | \$11.89 | \$13.58 | \$14.69 | \$15.66 | \$16.63 | \$19.96 | \$24,719 | \$28,234 | \$30,563 | \$32,563 | \$34,573 | \$41,510 | Feed, water, groom, bathe, exercise, or otherwise provide care to promote and maintain the well-being of pets and other animals that are not raised for consumption, such as dogs, cats, race horses, ornamental fish or birds, zoo animals, and mice. Work in |
| Gambling Dealers | 39-3011 | 150 | \$14.67 | \$15.82 | \$17.51 | \$17.61 | \$19.08 | \$21.50 | \$30,502 | \$32,903 | \$36,439 | \$36,614 | \$39,686 | \$44,716 | Operate table games. Stand or sit behind table and operate games of chance by dispensing the appropriate number of cards or blocks to players, or operating other gambling equipment. Distribute winnings or collect playersâ $€^{\text {TM }}$ money or chips. May compare th |
| Gambling and Sports Book Writers and Runners | 39-3012 | 130 | \$12.45 | \$12.80 | \$13.66 | \$14.43 | \$15.88 | \$17.96 | \$25,894 | \$26,636 | \$28,409 | \$30,017 | \$33,037 | \$37,346 | Post information enabling patrons to wager on various races and sporting events. Assist in the operation of games such as keno and bingo. May operate random number-generating equipment and announce the numbers for patrons. Receive, verify, and record pat |
| Gambling Service Workers, All Other | 39-3019 | 30 | \$13.52 | \$13.52 | \$13.52 | \$14.51 | \$14.83 | \$17.59 | \$28,131 | \$28,131 | \$28,131 | \$30,182 | \$30,852 | \$36,583 | All gambling service workers not listed separately. |
| Ushers, Lobby Attendants, and Ticket Takers | 39-3031 | 290 | \$11.57 | \$13.54 | \$13.99 | \$13.79 | \$14.27 | \$14.58 | \$24,069 | \$28,182 | \$29,089 | \$28,687 | \$29,677 | \$30,316 | Assist patrons at entertainment events by performing duties, such as collecting admission tickets and passes from patrons, assisting in finding seats, searching for lost articles, and helping patrons locate such facilities as restrooms and telephones. |
| Amusement and Recreation Attendants | 39-3091 | 1,680 | \$11.84 | \$12.37 | \$13.53 | \$13.71 | \$14.29 | \$16.24 | \$24,636 | \$25,729 | \$28,162 | \$28,512 | \$29,728 | \$33,769 | Perform a variety of attending duties at amusement or recreation facility. May schedule use of recreation facilities, maintain and provide equipment to participants of sporting events or recreational pursuits, or operate amusement concessions and rides. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Funeral Attendants | 39-4021 | 190 | \$14.42 | \$14.62 | \$14.73 | \$16.42 | \$17.82 | \$19.52 | \$29,986 | \$30,388 | \$30,625 | \$34,161 | \$37,057 | \$40,614 | Perform a variety of tasks during funeral, such as placing casket in parlor or chapel prior to service, arranging floral offerings or lights around casket, directing or escorting mourners, closing casket, and issuing and storing funeral equipment. |
| Morticians, Undertakers, and Funeral Arrangers | 39-4031 | 100 | \$23.60 | \$24.45 | \$31.95 | \$32.52 | \$38.84 | \$40.60 | \$49,087 | \$50,860 | \$66,466 | \$67,652 | \$80,784 | \$84,443 | Perform various tasks to arrange and direct individual funeral services, such as coordinating transportation of body to mortuary, interviewing family or other authorized person to arrange details, selecting pallbearers, aiding with the selection of offic |
| Hairdressers, Hairstylists, and Cosmetologists | 39-5012 | 750 | \$15.62 | \$18.37 | \$18.86 | \$20.27 | \$22.85 | \$29.29 | \$32,481 | \$38,212 | \$39,243 | \$42,150 | \$47,541 | \$60,910 | Provide beauty services, such as cutting, coloring, and styling hair, and massaging and treating scalp. May shampoo hair, apply makeup, dress wigs, remove hair, and provide nail and skincare services. Excludes â€œMakeup Artists, Theatrical and Performanc |
| Manicurists and Pedicurists | 39-5092 | 330 | \$15.39 | \$17.75 | \$19.38 | \$20.56 | \$23.82 | \$24.84 | \$32,006 | \$36,913 | \$40,304 | \$42,768 | \$49,540 | \$51,674 | Clean and shape customersâ€ ${ }^{\text {TM }}$ fingernails and toenails. May polish or decorate nails. |
| Skincare Specialists | 39-5094 | 30 | \$17.00 | \$17.91 | \$18.23 | \$19.94 | \$18.87 | \$22.88 | \$35,367 | \$37,253 | \$37,923 | \$41,469 | \$39,253 | \$47,603 | Provide skincare treatments to face and body to enhance an individualâ $€^{T M}$ s appearance. Includes electrologists and laser hair removal specialists. |
| Baggage Porters and Bellhops | 39-6011 | 60 | \$13.08 | \$13.25 | \$13.53 | \$13.90 | \$14.43 | \$15.28 | \$27,213 | \$27,564 | \$28,162 | \$28,904 | \$30,017 | \$31,780 | Handle baggage for travelers at transportation terminals or for guests at hotels or similar establishments. |
| Tour and travel guides | 39-7010 | 350 | \$13.15 | \$14.73 | \$16.65 | \$17.08 | \$18.06 | \$22.80 | \$27,347 | \$30,646 | \$34,635 | \$35,522 | \$37,573 | \$47,417 |  |
| Childcare Workers | 39-9011 | 2,640 | \$11.60 | \$11.80 | \$13.06 | \$13.09 | \$13.84 | \$15.01 | \$24,111 | \$24,543 | \$27,162 | \$27,234 | \$28,801 | \$31,223 | Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play. Excludes â€œPreschool Teachers, Except Special Educationấ国25-2011) and ̂̂€œT |
| Exercise Trainers and Group Fitness Instructors | 39-9031 | 810 | \$13.53 | \$15.13 | \$17.29 | \$19.51 | \$22.79 | \$29.96 | \$28,141 | \$31,481 | \$35,944 | \$40,572 | \$47,407 | \$62,312 | Instruct or coach groups or individuals in exercise activities for the primary purpose of personal fitness. Demonstrate techniques and form, observe participants, and explain to them corrective measures necessary to improve their skills. Develop and impl |
| Recreation Workers | 39-9032 | 690 | \$14.78 | \$17.17 | \$20.59 | \$21.20 | \$23.74 | \$29.73 | \$30,739 | \$35,707 | \$42,820 | \$44,098 | \$49,376 | \$61,838 | Conduct recreation activities with groups in public, private, or volunteer agencies or recreation facilities. Organize and promote activities, such as arts and crafts, sports, games, music, dramatics, social recreation, camping, and hobbies, taking into |
| Residential Advisors | 39-9041 | 1,520 | \$14.77 | \$15.21 | \$17.56 | \$17.37 | \$18.68 | \$20.46 | \$30,718 | \$31,646 | \$36,542 | \$36,130 | \$38,851 | \$42,552 | Coordinate activities in resident facilities in secondary and college dormitories, group homes, or similar establishments. Order supplies and determine need for maintenance, repairs, and furnishings. May maintain household records and assign rooms. May a |
| First-Line Supervisors of Retail Sales Workers | 41-1011 | 3,580 | \$18.43 | \$21.85 | \$24.40 | \$29.37 | \$30.96 | \$41.51 | \$38,333 | \$45,433 | \$50,746 | \$61,091 | \$64,398 | \$86,340 | Directly supervise and coordinate activities of retail sales workers in an establishment or department. Duties may include management functions, such as purchasing, budgeting, accounting, and personnel work, in addition to supervisory duties. |
| First-Line Supervisors of Non-Retail Sales Workers | 41-1012 | 710 | \$31.93 | \$40.50 | \$52.66 | \$55.70 | \$61.80 | \$80.07 | \$66,414 | \$84,242 | \$109,532 | \$115,836 | \$128,549 | \$166,530 | Directly supervise and coordinate activities of sales workers other than retail sales workers. May perform duties such as budgeting, accounting, and personnel work, in addition to supervisory duties. |
| Cashiers | 41-2011 | 12,530 | \$11.85 | \$13.27 | \$14.13 | \$14.26 | \$14.90 | \$16.62 | \$24,649 | \$27,616 | \$29,383 | \$29,672 | \$30,995 | \$34,561 | Receive and disburse money in establishments other than financial institutions. May use electronic scanners, cash registers, or related equipment. May process credit or debit card transactions and validate checks. Excludes â€œGaming Cage Persons and Boot |


| Occupation | $\begin{aligned} & \hline \text { Soc* }^{*} \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Gambling Change Persons and Booth Cashiers | 41－2012 | 680 | \＄11．54 | \＄11．70 | \＄13．53 | \＄13．49 | \＄13．99 | \＄16．73 | \＄24，019 | \＄24，339 | \＄28，132 | \＄28，039 | \＄29，114 | \＄34，809 | Exchange coins，tokens，and chips for patronsâ€ ${ }^{\text {TM }}$ money．May issue payoffs and obtain customerâ $€^{T M} s$ signature on receipt．May operate a booth in the slot machine area and furnish change persons with money bank at the start of the shift，or count and audit |
| Counter and Rental Clerks | 41－2021 | 690 | \＄12．40 | \＄14．66 | \＄17．41 | \＄18．56 | \＄22．10 | \＄25．24 | \＄25，797 | \＄30，489 | \＄36，214 | \＄38，602 | \＄45，971 | \＄52，492 | Receive orders，generally in person，for repairs，rentals，and services． May describe available options，compute cost，and accept payment． Excludes â€œFast Food and Counter Workersâ€国35－3023），â€œHotel， Motel，and Resort Desk Clerksâ€ ${ }^{\text {（43－4081），â€œOr }}$ |
| Parts Salespersons | 41－2022 | 1，900 | \＄14．74 | \＄17．64 | \＄21．23 | \＄22．21 | \＄25．50 | \＄30．85 | \＄30，654 | \＄36，690 | \＄44，162 | \＄46，198 | \＄53，030 | \＄64，161 | Sell spare and replacement parts and equipment in repair shop or parts store． |
| Retail Salespersons | 41－2031 | 13，270 | \＄12．84 | \＄14．16 | \＄16．45 | \＄19．69 | \＄20．88 | \＄30．35 | \＄26，706 | \＄29，455 | \＄34，220 | \＄40，948 | \＄43，428 | \＄63，138 | Sell merchandise，such as furniture，motor vehicles，appliances，or apparel to consumers．Excludes â€œCashiersâ€国41－2011）． |
| Advertising Sales Agents | 41－3011 | 410 | \＄16．98 | \＄22．41 | \＄26．09 | \＄29．31 | \＄33．32 | \＄46．24 | \＄35，315 | \＄46，612 | \＄54，249 | \＄60，977 | \＄69，308 | \＄96，169 | Sell or solicit advertising space，time，or media in publications，signage， TV，radio，or Internet establishments or public spaces． |
| Insurance Sales Agents | 41－3021 | 1，970 | \＄20．35 | \＄25．84 | \＄31．11 | \＄37．60 | \＄47．57 | \＄60．20 | \＄42，333 | \＄53，743 | \＄64，698 | \＄78，196 | \＄98，959 | \＄125，210 | Sell life，property，casualty，health，automotive，or other types of insurance．May refer clients to independent brokers，work as an independent broker，or be employed by an insurance company． |
| Securities，Commodities，and Financial Services Sales Agents | 41－3031 | 480 |  |  |  |  |  |  |  |  |  |  |  |  | Buy and sell securities or commodities in investment and trading firms， or provide financial services to businesses and individuals．May advise customers about stocks，bonds，mutual funds，commodities，and market conditions． |
| Travel Agents | 41－3041 | 150 | \＄18．33 | \＄18．70 | \＄22．28 | \＄22．22 | \＄23．82 | \＄27．15 | \＄38，126 | \＄38，881 | \＄46，343 | \＄46，209 | \＄49，536 | \＄56，471 | Plan and sell transportation and accommodations for customers． Determine destination，modes of transportation，travel dates，costs， and accommodations required．May also describe，plan，and arrange itineraries and sell tour packages．May assist in resolv |
| Sales Representatives of Services，Except Advertising，Insurance，Financial Services， and Travel | 41－3091 | 570 | \＄19．15 | \＄20．21 | \＄28．33 | \＄31．40 | \＄37．34 | \＄52．33 | \＄39，832 | \＄42，023 | \＄58，921 | \＄65，308 | \＄77，669 | \＄108，829 | Sell services to individuals or businesses．May describe options or resolve client problems．Excludes â€œAdvertising Sales Agentsâ€ 4 41－ 3011），â€œInsurance Sales Agentsâ€ 41 －3021），â€œSecurities， Commodities，and Financial Services Sales Agentsấ国41 |
| Sales Representatives，Wholesale and Manufacturing，Technical and Scientific Products | 41－4011 | 1，490 | \＄31．10 | \＄37．92 | \＄50．64 | \＄63．16 | \＄79．17 | \＄112．80 | \＄64，677 | \＄78，878 | \＄105，336 | \＄131，370 | \＄164，670 | \＄234，618 | Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology，engineering， chemistry，and electronics，normally obtained from at least 2 years of post－secondary education．Excludes â€œSales Engi |
| Sales Representatives，Wholesale and Manufacturing，Except Technical and Scientific Products | 41－4012 | 5，390 | \＄23．23 | \＄28．47 | \＄36．06 | \＄38．82 | \＄45．21 | \＄57．21 | \＄48，317 | \＄59，210 | \＄75，013 | \＄80，738 | \＄94，029 | \＄118，978 | Sell goods for wholesalers or manufacturers to businesses or groups of individuals．Work requires substantial knowledge of items sold． |
| Real Estate Sales Agents | 41－9022 | 480 | \＄15．78 | \＄24．72 | \＄30．18 | \＄36．44 | \＄38．92 | \＄81．50 | \＄32，835 | \＄51，417 | \＄62，776 | \＄75，808 | \＄80，955 | \＄169，528 | Rent，buy，or sell property for clients．Perform duties such as study property listings，interview prospective clients，accompany clients to property site，discuss conditions of sale，and draw up real estate contracts．Includes agents who represent buyer |
| Sales Engineers | 41－9031 | 40 | \＄35．88 | \＄37．13 | \＄44．93 | \＄47．29 | \＄52．19 | \＄58．62 | \＄74，630 | \＄77，235 | \＄93，440 | \＄98，370 | \＄108，561 | \＄121，934 | Sell business goods or services，the selling of which requires a technical background equivalent to a baccalaureate degree in engineering． Excludes â€œEngineersâ€国17－2011 through 17－2199）whose primary function is not marketing or sales． |
| Telemarketers | 41－9041 | 160 | \＄12．64 | \＄15．48 | \＄15．86 | \＄15．63 | \＄16．33 | \＄16．77 | \＄26，282 | \＄32，194 | \＄32，990 | \＄32，514 | \＄33，961 | \＄34，892 | Solicit donations or orders for goods or services over the telephone． |
| Sales and Related Workers，All Other | 41－9099 | 120 | \＄14．54 | \＄21．79 | \＄26．20 | \＄27．24 | \＄28．93 | \＄42．38 | \＄30，241 | \＄45，320 | \＄54，497 | \＄56，668 | \＄60，161 | \＄88，159 | All sales and related workers not listed separately． |
| First－Line Supervisors of Office and Administrative Support Workers | 43－1011 | 1，880 | \＄20．11 | \＄23．52 | \＄27．79 | \＄28．86 | \＄33．14 | \＄38．92 | \＄41，820 | \＄48，927 | \＄57，799 | \＄60，038 | \＄68，930 | \＄80，958 | Directly supervise and coordinate the activities of clerical and administrative support workers． |
| Switchboard Operators，Including Answering Service | 43－2011 |  | \＄11．20 | \＄11．35 | \＄14．02 | \＄15．40 | \＄18．10 | \＄20．04 | \＄23，303 | \＄23，602 | \＄29，163 | \＄32，030 | \＄37，652 | \＄41，686 | Operate telephone business systems equipment or switchboards to relay incoming，outgoing，and interoffice calls．May supply information to callers and record messages． |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Leve | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Bill and Account Collectors | 43－3011 | 1，790 | \＄15．36 | \＄18．29 | \＄19．75 | \＄20．25 | \＄23．64 | \＄24．64 | \＄31，948 | \＄38，044 | \＄41，077 | \＄42，119 | \＄49，175 | \＄51，269 | Locate and notify customers of delinquent accounts by mail，telephone， or personal visit to solicit payment．Duties include receiving payment and posting amount to customerấ ${ }^{T m s}$ s account，preparing statements to credit department if customer fails to respo |
| Billing and Posting Clerks | 43－3021 | 950 | \＄15．77 | \＄16．45 | \＄20．03 | \＄20．00 | \＄22．61 | \＄24．40 | \＄32，814 | \＄34，228 | \＄41，665 | \＄41，593 | \＄47，029 | \＄50，743 | Compile，compute，and record billing，accounting，statistical，and other numerical data for billing purposes．Prepare billing invoices for services rendered or for delivery or shipment of goods．Excludes â€œMedical Records Specialistsâ€ 29－2072）． |
| Bookkeeping，Accounting，and Auditing Clerks | 43－3031 | 9，480 | \＄15．54 | \＄17．69 | \＄20．25 | \＄20．80 | \＄23．52 | \＄26．43 | \＄32，319 | \＄36，796 | \＄42，119 | \＄43，264 | \＄48，917 | \＄54，972 | Compute，classify，and record numerical data to keep financial records complete．Perform any combination of routine calculating，posting，and verifying duties to obtain primary financial data for use in maintaining accounting records．May also check the |
| Gambling Cage Workers | 43－3041 | 190 | \＄12．75 | \＄14．13 | \＄14．98 | \＄15．79 | \＄18．21 | \＄18．90 | \＄26，532 | \＄29，390 | \＄31，153 | \＄32，856 | \＄37，869 | \＄39，303 | In a gambling establishment，conduct financial transactions for patrons． Accept patronâ $\epsilon^{T M_{s}}$ credit application and verify credit references to provide check－cashing authorization or to establish house credit accounts．May reconcile daily summaries of tran |
| Payroll and Timekeeping Clerks | 43－3051 | 380 | \＄17．84 | \＄19．61 | \＄22．65 | \＄23．25 | \＄26．35 | \＄30．09 | \＄37，095 | \＄40，788 | \＄47，122 | \＄48，360 | \＄54，797 | \＄62，575 | Compile and record employee time and payroll data．May compute employeesâ $€^{\text {TM }}$ time worked，production，and commission．May compute and post wages and deductions，or prepare paychecks． Excludes â€œBookkeeping，Accounting，and Auditing Clerksâ€国43－ 3031）． |
| Procurement Clerks | 43－3061 | 180 | \＄15．58 | \＄18．04 | \＄20．13 | \＄20．78 | \＄23．16 | \＄26．24 | \＄32，402 | \＄37，529 | \＄41，872 | \＄43，213 | \＄48，174 | \＄54，591 | Compile information and records to draw up purchase orders for procurement of materials and services．Excludes â€œWholesale and Retail Buyers，Except Farm Productsấ⿴囗十⿴囗⿱一一 13－1022）． |
| Tellers | 43－3071 | 1，760 | \＄14．97 | \＄16．62 | \＄17．72 | \＄18．01 | \＄18．85 | \＄21．75 | \＄31，133 | \＄34，558 | \＄36，858 | \＄37，456 | \＄39，210 | \＄45，224 | Receive and pay out money．Keep records of money and negotiable instruments involved in a financial institutionâ $\epsilon^{\text {rMs }} s$ various transactions． |
| Brokerage Clerks | 43－4011 |  | \＄20．04 | \＄21．38 | \＄25．59 | \＄24．32 | \＄26．70 | \＄27．27 | \＄41，696 | \＄44，492 | \＄53，229 | \＄50，599 | \＄55，530 | \＄56，736 | Perform duties related to the purchase，sale，or holding of securities． Duties include writing orders for stock purchases or sales，computing transfer taxes，verifying stock transactions，accepting and delivering securities，tracking stock price fluctuat |
| Correspondence Clerks | 43－4021 | 50 |  |  |  |  |  |  |  |  |  |  |  |  | Compose letters or electronic correspondence in reply to requests for merchandise，damage claims，credit and other information，delinquent accounts，incorrect billings，or unsatisfactory services．Duties may include gathering data to formulate reply and |
| Court，Municipal，and License Clerks | 43－4031 | 740 | \＄15．32 | \＄18．37 | \＄19．47 | \＄20．51 | \＄21．98 | \＄27．65 | \＄31，865 | \＄38，209 | \＄40，489 | \＄42，666 | \＄45，719 | \＄57，500 | Perform clerical duties for courts of law，municipalities，or governmental licensing agencies and bureaus．May prepare docket of cases to be called；secure information for judges and court；prepare draft agendas or bylaws for town or city council；answer |
| Credit Authorizers，Checkers，and Clerks | 43－4041 | 190 | \＄16．20 | \＄19．79 | \＄19．81 | \＄21．19 | \＄23．85 | \＄25．79 | \＄33，681 | \＄41，149 | \＄41，201 | \＄44，058 | \＄49，608 | \＄53，631 | Authorize credit charges against customersấ ${ }^{\text {TM }}$ accounts．Investigate history and credit standing of individuals or business establishments applying for credit．May interview applicants to obtain personal and financial data，determine credit worthiness，pr |
| Customer Service Representatives | 43－4051 | 7，660 | \＄14．38 | \＄15．96 | \＄18．74 | \＄19．58 | \＄22．89 | \＄25．18 | \＄29，916 | \＄33，186 | \＄38，993 | \＄40，726 | \＄47，607 | \＄52，373 | Interact with customers to provide basic or scripted information in response to routine inquiries about products and services．May handle and resolve general complaints．Excludes individuals whose duties are primarily installation，sales，repair，and tec |
| Eligibility Interviewers，Government Programs | 43－4061 | 540 | \＄16．72 | \＄20．48 | \＄22．18 | \＄22．28 | \＄23．84 | \＄26．23 | \＄34，774 | \＄42，594 | \＄46，132 | \＄46，359 | \＄49，588 | \＄54，560 | Determine eligibility of persons applying to receive assistance from government programs and agency resources，such as welfare， unemployment benefits，social security，and public housing． |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| File Clerks | 43-4071 | 30 | \$14.57 | \$15.28 | \$15.44 | \$16.37 | \$17.44 | \$17.44 | \$30,287 | \$31,772 | \$32,123 | \$34,042 | \$36,280 | \$36,280 | File correspondence, cards, invoices, receipts, and other records in alphabetical or numerical order or according to the filing system used. Locate and remove material from file when requested. |
| Hotel, Motel, and Resort Desk Clerks | 43-4081 | 1,900 | \$13.14 | \$13.78 | \$14.19 | \$14.62 | \$15.21 | \$17.57 | \$27,337 | \$28,678 | \$29,534 | \$30,400 | \$31,618 | \$36,549 | Accommodate hotel, motel, and resort patrons by registering and assigning rooms to guests, issuing room keys or cards, transmitting and receiving messages, keeping records of occupied rooms and guestsâ $\epsilon^{\text {rm }}$ accounts, making and confirming reservations, and |
| Interviewers, Except Eligibility and Loan | 43-4111 | 450 | \$15.39 | \$15.71 | \$19.46 | \$19.25 | \$22.70 | \$23.39 | \$32,020 | \$32,680 | \$40,458 | \$40,035 | \$47,225 | \$48,649 | Interview persons by telephone, mail, in person, or by other means for the purpose of completing forms, applications, or questionnaires. Ask specific questions, record answers, and assist persons with completing form. May sort, classify, and file forms. |
| Loan Interviewers and Clerks | 43-4131 | 1,790 | \$18.10 | \$19.04 | \$21.29 | \$21.39 | \$23.46 | \$25.44 | \$37,652 | \$39,612 | \$44,285 | \$44,502 | \$48,793 | \$52,920 | Interview loan applicants to elicit information; investigate applicants' backgrounds and verify references; prepare loan request papers; and forward findings, reports, and documents to appraisal department. Review loan papers to ensure completeness, and |
| New Accounts Clerks | 43-4141 |  | \$16.22 | \$16.78 | \$22.54 | \$20.99 | \$23.32 | \$29.04 | \$33,732 | \$34,908 | \$46,885 | \$43,666 | \$48,515 | \$60,399 | Interview persons desiring to open accounts in financial institutions. Explain account services available to prospective customers and assist them in preparing applications. |
| Order Clerks | 43-4151 | 270 | \$17.02 | \$19.04 | \$21.19 | \$21.03 | \$23.01 | \$25.10 | \$35,404 | \$39,612 | \$44,069 | \$43,749 | \$47,865 | \$52,198 | Receive and process incoming orders for materials, merchandise, classified ads, or services such as repairs, installations, or rental of facilities. Generally receives orders via mail, phone, fax, or other electronic means. Duties include informing custo |
| Human Resources Assistants, Except Payroll and Timekeeping | 43-4161 | 220 | \$16.28 | \$18.34 | \$19.57 | \$20.90 | \$22.99 | \$26.82 | \$33,867 | \$38,148 | \$40,696 | \$43,470 | \$47,813 | \$55,787 | Compile and keep personnel records. Record data for each employee, such as address, weekly earnings, absences, amount of sales or production, supervisory reports, and date of and reason for termination. May prepare reports for employment records, file em |
| Receptionists and Information Clerks | 43-4171 | 5,990 | \$12.52 | \$14.28 | \$16.62 | \$17.01 | \$19.09 | \$21.90 | \$26,058 | \$29,699 | \$34,568 | \$35,383 | \$39,705 | \$45,554 | Answer inquiries and provide information to the general public, customers, visitors, and other interested parties regarding activities conducted at establishment and location of departments, offices, and employees within the organization. Excludes "Switc |
| Reservation and Transportation Ticket Agents and Travel Clerks | 43-4181 | 190 | \$14.06 | \$14.36 | \$16.59 | \$17.05 | \$17.18 | \$23.30 | \$29,235 | \$29,874 | \$34,506 | \$35,465 | \$35,723 | \$48,463 | Make and confirm reservations for transportation or lodging, or sell transportation tickets. May check baggage and direct passengers to designated concourse, pier, or track; deliver tickets and contact individuals and groups to inform them of package tou |
| Information and Record Clerks, All Other | 43-4199 | 340 | \$17.14 | \$20.02 | \$23.92 | \$27.36 | \$27.78 | \$32.48 | \$35,661 | \$41,645 | \$49,763 | \$56,902 | \$57,778 | \$67,568 | All information and record clerks not listed separately. |
| Cargo and Freight Agents | 43-5011 | 290 | \$23.55 | \$24.83 | \$31.83 | \$32.27 | \$37.11 | \$44.72 | \$48,979 | \$51,641 | \$66,217 | \$67,114 | \$77,182 | \$93,007 | Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals and shipping docks. Take orders from customers and arrange pickup of freight and cargo for delivery to loading platform. Prepare an |
| Couriers and Messengers | 43-5021 | 50 | \$12.93 | \$14.98 | \$16.71 | \$17.79 | \$20.21 | \$26.25 | \$26,883 | \$31,164 | \$34,764 | \$37,023 | \$42,037 | \$54,611 | Pick up and deliver messages, documents, packages, and other items between offices or departments within an establishment or directly to other business concerns, traveling by foot, bicycle, motorcycle, automobile, or public conveyance. Excludes "Light Tr |
| Public Safety Telecommunicators | 43-5031 | 390 | \$15.81 | \$19.81 | \$21.86 | \$21.61 | \$23.07 | \$25.70 | \$32,887 | \$41,201 | \$45,472 | \$44,946 | \$47,968 | \$53,446 | Operate telephone, radio, or other communication systems to receive and communicate requests for emergency assistance at 9-1-1 public safety answering points and emergency operations centers. Take information from the public and other sources regarding c |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Leve | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Dispatchers, Except Police, Fire, and Ambulance | 43-5032 | 730 | \$15.51 | \$16.85 | \$20.03 | \$21.10 | \$23.35 | \$29.26 | \$32,278 | \$35,043 | \$41,665 | \$43,873 | \$48,566 | \$60,852 | Schedule and dispatch workers, work crews, equipment, or service vehicles for conveyance of materials, freight, or passengers, or for normal installation, service, or emergency repairs rendered outside the place of business. Duties may include using radi |
| Meter Readers, Utilities | 43-5041 | 20 | \$17.25 | \$24.79 | \$25.29 | \$24.50 | \$26.59 | \$29.35 | \$35,878 | \$51,568 | \$52,621 | \$50,960 | \$55,323 | \$61,038 | Read meter and record consumption of electricity, gas, water, or steam. |
| Postal Service Clerks | 43-5051 | 440 | \$16.31 | \$20.68 | \$27.15 | \$26.64 | \$31.92 | \$35.63 | \$33,918 | \$43,017 | \$56,479 | \$55,395 | \$66,392 | \$74,108 | Perform any combination of tasks in a United States Postal Service (USPS) post office, such as receive letters and parcels; sell postage and revenue stamps, postal cards, and stamped envelopes; fill out and sell money orders; place mail in pigeon holes o |
| Postal Service Mail Carriers | 43-5052 | 890 | \$20.57 | \$20.57 | \$28.18 | \$29.00 | \$35.99 | \$37.34 | \$42,790 | \$42,790 | \$58,624 | \$60,316 | \$74,861 | \$77,677 | Sort and deliver mail for the United States Postal Service (USPS). Deliver mail on established route by vehicle or on foot. Includes postal service mail carriers employed by USPS contractors. |
| Postal Service Mail Sorters, Processors, and Processing Machine Operators | 43-5053 | 260 | \$20.68 | \$23.66 | \$27.51 | \$28.49 | \$35.08 | \$35.63 | \$43,017 | \$49,227 | \$57,221 | \$59,254 | \$72,973 | \$74,108 | Prepare incoming and outgoing mail for distribution for the United States Postal Service (USPS). Examine, sort, and route mail. Load, operate, and occasionally adjust and repair mail processing, sorting, and canceling machinery. Keep records of shipments |
| Production, Planning, and Expediting Clerks | 43-5061 | 690 | \$18.84 | \$20.71 | \$23.68 | \$24.91 | \$28.18 | \$31.96 | \$39,179 | \$43,078 | \$49,268 | \$51,826 | \$58,624 | \$66,464 | Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule. Duties include reviewing and distributing production, work, and shipment schedules; conferring with department supe |
| Shipping, Receiving, and Inventory Clerks | 43-5071 | 2,680 | \$15.47 | \$17.54 | \$19.88 | \$20.31 | \$22.90 | \$25.43 | \$32,195 | \$36,476 | \$41,335 | \$42,243 | \$47,628 | \$52,889 | Verify and maintain records on incoming and outgoing shipments involving inventory. Duties include verifying and recording incoming merchandise or material and arranging for the transportation of products. May prepare items for shipment. Excludes â€œWeig |
| Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 43-5111 | 200 | \$16.65 | \$18.64 | \$20.27 | \$20.07 | \$21.51 | \$22.83 | \$34,640 | \$38,766 | \$42,150 | \$41,748 | \$44,739 | \$47,483 | Weigh, measure, and check materials, supplies, and equipment for the purpose of keeping relevant records. Duties are primarily clerical by nature. Includes workers who collect and keep record of samples of products or materials. Excludes "Inspectors, Tes |
| Executive Secretaries and Executive Administrative Assistants | 43-6011 | 2,110 | \$19.35 | \$20.73 | \$24.15 | \$24.16 | \$25.99 | \$30.26 | \$40,242 | \$43,130 | \$50,227 | \$50,258 | \$54,054 | \$62,936 | Provide high-level administrative support by conducting research, preparing statistical reports, and handling information requests, as well as performing routine administrative functions such as preparing correspondence, receiving visitors, arranging con |
| Legal Secretaries and Administrative Assistants | 43-6012 | 640 | \$15.58 | \$17.36 | \$19.36 | \$20.66 | \$23.13 | \$28.47 | \$32,402 | \$36,115 | \$40,283 | \$42,975 | \$48,113 | \$59,212 | Perform secretarial duties using legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas. May also assist with legal research. |
| Medical Secretaries and Administrative Assistants | 43-6013 | 140 | \$18.52 | \$19.06 | \$20.41 | \$20.85 | \$21.76 | \$24.15 | \$38,519 | \$39,643 | \$42,449 | \$43,367 | \$45,265 | \$50,227 | Perform secretarial duties using specific knowledge of medical terminology and hospital, clinic, or laboratory procedures. Duties may include scheduling appointments, billing patients, and compiling and recording medical charts, reports, and corresponden |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 43-6014 | 5,450 | \$14.86 | \$16.58 | \$18.52 | \$18.81 | \$20.83 | \$23.28 | \$30,906 | \$34,485 | \$38,519 | \$39,117 | \$43,326 | \$48,432 | Perform routine administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining paper and electronic files, or providing information to callers. Excludes legal, medical, and executive secretaries (43-6011 thr |
| Data Entry Keyers | 43-9021 |  | \$13.31 | \$13.91 | \$16.22 | \$16.58 | \$18.89 | \$19.30 | \$27,677 | \$28,925 | \$33,722 | \$34,485 | \$39,282 | \$40,138 | Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing. Excludes â€œWord Processors and Typistsâ€ ${ }^{\text {I }} 43$-9022). |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Insurance Claims and Policy Processing Clerks | 43-9041 | 1,100 | \$15.26 | \$16.38 | \$19.24 | \$19.92 | \$22.93 | \$24.18 | \$31,741 | \$34,083 | \$40,004 | \$41,428 | \$47,700 | \$50,289 | Process new insurance policies, modifications to existing policies, and claims forms. Obtain information from policyholders to verify the accuracy and completeness of information on claims forms, applications and related documents, and company records. U |
| Mail Clerks and Mail Machine Operators, Except Postal Service | 43-9051 | 310 | \$14.03 | \$16.04 | \$18.05 | \$17.74 | \$19.06 | \$20.48 | \$29,173 | \$33,371 | \$37,560 | \$36,910 | \$39,654 | \$42,594 | Prepare incoming and outgoing mail for distribution. Time-stamp, open, read, sort, and route incoming mail; and address, seal, stamp, fold, stuff, and affix postage to outgoing mail or packages. Duties may also include keeping necessary records and compl |
| Office Clerks, General | 43-9061 | 2,210 | \$12.85 | \$14.20 | \$15.99 | \$17.10 | \$19.21 | \$22.30 | \$26,728 | \$29,544 | \$33,258 | \$35,569 | \$39,942 | \$46,390 | Perform duties too varied and diverse to be classified in any specific office clerical occupation, requiring knowledge of office systems and procedures. Clerical duties may be assigned in accordance with the office procedures of individual establishments |
| Office Machine Operators, Except Computer | 43-9071 | 50 | \$15.45 | \$17.50 | \$19.07 | \$20.50 | \$23.46 | \$23.80 | \$32,144 | \$36,384 | \$39,664 | \$42,625 | \$48,783 | \$49,505 | Operate one or more of a variety of office machines, such as photocopying, photographic, and duplicating machines, or other office machines. Excludes â€œBilling and Posting Clerksâ€国43-3021) and â€œMail Clerks and Mail Machine Operators, Except Postal |
| First-Line Supervisors of Farming, Fishing, and Forestry Workers | 45-1011 | 50 | \$24.20 | \$27.45 | \$28.24 | \$29.85 | \$31.56 | \$43.64 | \$50,347 | \$57,078 | \$58,730 | \$62,075 | \$65,646 | \$90,763 | Directly supervise and coordinate the activities of agricultural, forestry, aquacultural, and related workers. Excludes â€œFirst-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workersấ国371012). |
| Animal Breeders | 45-2021 | 20 | \$15.70 | \$17.73 | \$18.29 | \$21.21 | \$24.42 | \$30.25 | \$32,659 | \$36,876 | \$38,045 | \$44,099 | \$50,789 | \$62,927 | Select and breed animals according to their genealogy, characteristics, and offspring. May require knowledge of artificial insemination techniques and equipment use. May involve keeping records on heats, birth intervals, or pedigree. Excludes â€œNonfarm |
| Graders and Sorters, Agricultural Products | 45-2041 | 390 | \$14.91 | \$17.47 | \$18.46 | \$18.98 | \$21.50 | \$22.69 | \$31,007 | \$36,332 | \$38,394 | \$39,471 | \$44,704 | \$47,187 | Grade, sort, or classify unprocessed food and other agricultural products by size, weight, color, or condition. Excludes â€œAgricultural Inspectorsâ€ $145-2011$ ). |
| Agricultural Equipment Operators | 45-2091 | 250 | \$19.21 | \$19.98 | \$21.32 | \$22.35 | \$22.74 | \$27.72 | \$39,954 | \$41,544 | \$44,345 | \$46,479 | \$47,280 | \$57,653 | Drive and control equipment to support agricultural activities such as tilling soil; planting, cultivating, and harvesting crops; feeding and herding livestock; or removing animal waste. May perform tasks such as crop baling or hay bucking. May operate s |
| Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 45-2092 | 240 | \$13.90 | \$13.94 | \$15.02 | \$16.65 | \$18.78 | \$20.79 | \$28,914 | \$28,996 | \$31,243 | \$34,639 | \$39,061 | \$43,247 | Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools, such as shovels, trowels, hoes, tampers, pruning hooks, shears, and knives. Duties may include tilling soil and applying fertiliz |
| Farmworkers, Farm, Ranch, and Aquacultural Animals | 45-2093 | 50 | \$13.77 | \$15.07 | \$17.77 | \$17.24 | \$18.70 | \$18.71 | \$28,647 | \$31,356 | \$36,958 | \$35,850 | \$38,907 | \$38,938 | Attend to live farm, ranch, open range or aquacultural animals that may include cattle, sheep, swine, goats, horses and other equines, poultry, rabbits, finfish, shellfish, and bees. Attend to animals produced for animal products, such as meat, fur, skin |
| Forest and Conservation Workers | 45-4011 | 600 | \$14.14 | \$16.74 | \$18.02 | \$18.03 | \$18.49 | \$21.46 | \$29,416 | \$34,824 | \$37,460 | \$37,501 | \$38,466 | \$44,643 | Under supervision, perform manual labor necessary to develop, maintain, or protect areas such as forests, forested areas, woodlands, wetlands, and rangelands through such activities as raising and transporting seedlings; combating insects, pests, and dis |
| Logging Equipment Operators | 45-4022 | 60 | \$18.04 | \$27.35 | \$27.43 | \$26.25 | \$28.05 | \$34.45 | \$37,512 | \$56,893 | \$57,058 | \$54,595 | \$58,340 | \$71,668 | Drive logging tractor or wheeled vehicle equipped with one or more accessories, such as bulldozer blade, frontal shear, grapple, logging arch, cable winches, hoisting rack, or crane boom, to fell tree; to skid, load, unload, or stack logs; or to pull stu |
| First-Line Supervisors of Construction Trades and Extraction Workers | 47-1011 | 2,220 | \$27.31 | \$30.24 | \$35.11 | \$35.53 | \$39.57 | \$45.24 | \$56,811 | \$62,885 | \$73,023 | \$73,905 | \$82,308 | \$94,097 | Directly supervise and coordinate activities of construction or extraction workers. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Leve | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Boilermakers | 47-2011 | 50 | \$22.25 | \$24.62 | \$30.60 | \$28.79 | \$32.68 | \$32.68 | \$46,284 | \$51,220 | \$63,645 | \$59,869 | \$67,964 | \$67,964 | Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints. Work involves use of hand and power tools, plumb bobs, level |
| Brickmasons and Blockmasons | 47-2021 | 240 | \$18.39 | \$23.70 | \$31.84 | \$31.29 | \$38.29 | \$43.56 | \$38,240 | \$49,291 | \$66,220 | \$65,081 | \$79,641 | \$90,588 | Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances, to construct or repair walls, partitions, arches, sewers, and other structures. Installer |
| Stonemasons | 47-2022 | 60 | \$17.59 | \$23.17 | \$28.06 | \$25.90 | \$29.04 | \$29.07 | \$36,588 | \$48,193 | \$58,371 | \$53,867 | \$60,402 | \$60,454 | Build stone structures, such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks, and floors. |
| Carpenters | 47-2031 | 4,320 | \$17.20 | \$18.38 | \$20.96 | \$21.98 | \$23.92 | \$29.73 | \$35,778 | \$38,220 | \$43,586 | \$45,710 | \$49,742 | \$61,859 | Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood |
| Carpet Installers | 47-2041 | 80 | \$17.14 | \$17.80 | \$18.76 | \$20.92 | \$22.00 | \$31.11 | \$35,655 | \$37,040 | \$39,020 | \$43,524 | \$45,761 | \$64,702 | Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials. Excludes â€œFloor Layers, Except Carpet, Wood, and Hard Tilesấ国47-2042). |
| Floor Layers, Except Carpet, Wood, and Hard Tiles | 47-2042 | 90 | \$20.11 | \$22.82 | \$22.98 | \$23.63 | \$23.51 | \$27.86 | \$41,821 | \$47,464 | \$47,793 | \$49,147 | \$48,880 | \$57,940 | Apply blocks, strips, or sheets of shock-absorbing, sound-deadening, or decorative coverings to floors. |
| Tile and Stone Setters | 47-2044 | 120 | \$18.08 | \$19.18 | \$22.36 | \$23.69 | \$29.78 | \$31.24 | \$37,594 | \$39,892 | \$46,500 | \$49,280 | \$61,921 | \$64,989 | Apply hard tile, stone, and comparable materials to walls, floors, ceilings, countertops, and roof decks. |
| Cement Masons and Concrete Finishers | 47-2051 | 2,190 | \$17.47 | \$18.51 | \$20.01 | \$21.39 | \$23.16 | \$28.04 | \$36,342 | \$38,486 | \$41,606 | \$44,499 | \$48,162 | \$58,330 | Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; and use saws to cut expansion joints. Installers of morta |
| Construction Laborers | 47-2061 | 1,840 | \$14.76 | \$16.65 | \$19.27 | \$19.43 | \$21.90 | \$23.44 | \$30,709 | \$34,639 | \$40,067 | \$40,426 | \$45,535 | \$48,778 | Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instr |
| Paving, Surfacing, and Tamping Equipment Operators | 47-2071 | 190 | \$23.07 | \$24.14 | \$26.73 | \$26.97 | \$30.34 | \$31.48 | \$47,967 | \$50,224 | \$55,580 | \$56,103 | \$63,111 | \$65,471 | Operate equipment used for applying concrete, asphalt, or other materials to road beds, parking lots, or airport runways and taxiways or for tamping gravel, dirt, or other materials. Includes concrete and asphalt paving machine operators, form tampers, t |
| Operating Engineers and Other Construction Equipment Operators | 47-2073 | 1,840 | \$20.16 | \$24.10 | \$25.91 | \$26.76 | \$29.60 | \$31.57 | \$41,924 | \$50,132 | \$53,877 | \$55,652 | \$61,572 | \$65,656 | Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or oth |
| Drywall and Ceiling Tile Installers | 47-2081 | 260 | \$17.55 | \$19.00 | \$22.67 | \$23.27 | \$28.83 | \$29.77 | \$36,496 | \$39,523 | \$47,136 | \$48,398 | \$59,961 | \$61,911 | Apply plasterboard or other wallboard to ceilings or interior walls of buildings. Apply or mount acoustical tiles or blocks, strips, or sheets of shock-absorbing materials to ceilings and walls of buildings to reduce or reflect sound. Materials may be of |
| Electricians | 47-2111 | 2,650 | \$19.31 | \$23.23 | \$28.48 | \$28.01 | \$31.74 | \$37.19 | \$40,159 | \$48,316 | \$59,253 | \$58,268 | \$66,005 | \$77,363 | Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems. Excludes â€œSecurity and Fire Alarm Sy |
| Glaziers | 47-2121 | 180 | \$18.41 | \$21.02 | \$23.59 | \$24.20 | \$25.35 | \$29.98 | \$38,271 | \$43,719 | \$49,075 | \$50,337 | \$52,748 | \$62,362 | Install glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops. |
| Insulation Workers, Floor, Ceiling, and Wall | 47-2131 | 280 | \$16.02 | \$18.64 | \$22.44 | \$22.02 | \$24.34 | \$29.38 | \$33,305 | \$38,784 | \$46,664 | \$45,792 | \$50,635 | \$61,090 | Line and cover structures with insulating materials. May work with batt, roll, or blown insulation materials. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Insulation Workers, Mechanical | 47-2132 | 110 | \$18.80 | \$19.86 | \$23.91 | \$23.12 | \$24.16 | \$27.62 | \$39,102 | \$41,308 | \$49,732 | \$48,070 | \$50,245 | \$57,448 | Apply insulating materials to pipes or ductwork, or other mechanical systems in order to help control and maintain temperature. |
| Painters, Construction and Maintenance | 47-2141 | 650 | \$17.11 | \$18.96 | \$22.69 | \$22.33 | \$24.09 | \$28.87 | \$35,603 | \$39,441 | \$47,177 | \$46,448 | \$50,111 | \$60,054 | Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency. Excludes â€œPaper |
| Pipelayers | 47-2151 | 220 | \$19.62 | \$20.71 | \$23.22 | \$23.21 | \$24.03 | \$28.04 | \$40,805 | \$43,073 | \$48,295 | \$48,275 | \$49,978 | \$58,330 | Lay pipe for storm or sanitation sewers, drains, and water mains. Perform any combination of the following tasks: grade trenches or culverts, position pipe, or seal joints. Excludes â€œWelders, Cutters, Solderers, and Brazers" (51-4121). |
| Plumbers, Pipefitters, and Steamfitters | 47-2152 | 1,420 | \$19.36 | \$22.53 | \$25.65 | \$27.01 | \$31.09 | \$37.05 | \$40,272 | \$46,869 | \$53,343 | \$56,165 | \$64,661 | \$77,065 | Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinklerfitters. |
| Plasterers and Stucco Masons | 47-2161 | 50 | \$16.65 | \$19.06 | \$21.05 | \$21.44 | \$22.44 | \$32.02 | \$34,639 | \$39,646 | \$43,791 | \$44,602 | \$46,674 | \$66,600 | Apply interior or exterior plaster, cement, stucco, or similar materials. May also set ornamental plaster. |
| Roofers | 47-2181 | 410 | \$15.52 | \$17.26 | \$18.97 | \$20.00 | \$23.29 | \$25.00 | \$32,299 | \$35,901 | \$39,461 | \$41,595 | \$48,439 | \$52,020 | Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, or related materials. May spray roofs, sidings, and walls with material to bind, seal, insulate, or soundproof sections of structures. |
| Sheet Metal Workers | 47-2211 | 530 | \$16.59 | \$18.21 | \$23.27 | \$23.17 | \$27.52 | \$29.50 | \$34,505 | \$37,891 | \$48,398 | \$48,193 | \$57,232 | \$61,367 | Fabricate, assemble, install, and repair sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings. Work may involve any of the following: setting up and operating fabricating machines to cut, bend, and straighten |
| Structural Iron and Steel Workers | 47-2221 | 820 | \$18.82 | \$23.32 | \$24.20 | \$25.75 | \$30.06 | \$32.24 | \$39,143 | \$48,511 | \$50,347 | \$53,569 | \$62,526 | \$67,041 | Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings. Excludes â€œReinforcing Iron and Rebar W |
| Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 47-3011 | 50 | \$17.06 | \$20.46 | \$21.17 | \$21.45 | \$21.82 | \$29.43 | \$35,480 | \$42,539 | \$44,027 | \$44,622 | \$45,381 | \$61,193 | Help brickmasons, blockmasons, stonemasons, or tile and marble setters by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not prima |
| Helpers--Carpenters | 47-3012 | 300 | \$13.54 | \$14.24 | \$14.72 | \$14.92 | \$15.81 | \$16.40 | \$28,175 | \$29,622 | \$30,617 | \$31,037 | \$32,874 | \$34,095 | Help carpenters by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist carpenters are classified under â€œConstruc |
| Helpers--Electricians | 47-3013 | 260 | \$14.26 | \$14.82 | \$16.35 | \$16.85 | \$18.19 | \$20.17 | \$29,663 | \$30,822 | \$34,023 | \$35,039 | \$37,840 | \$41,954 | Help electricians by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist electricians are classified under â€œCons |
| Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 47-3014 | 40 | \$12.73 | \$13.59 | \$13.89 | \$14.20 | \$15.32 | \$15.32 | \$26,482 | \$28,277 | \$28,893 | \$29,529 | \$31,869 | \$31,869 | Help painters, paperhangers, plasterers, or stucco masons by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist $p$ |
| Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 47-3015 | 140 | \$13.36 | \$14.26 | \$15.39 | \$16.14 | \$17.80 | \$19.81 | \$27,795 | \$29,673 | \$32,022 | \$33,572 | \$37,019 | \$41,205 | Help plumbers, pipefitters, steamfitters, or pipelayers by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist plu |


| Occupation | $\begin{aligned} & \text { SOC* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Helpers--Roofers | 47-3016 | 50 | \$12.47 | \$14.79 | \$14.80 | \$14.98 | \$15.45 | \$16.65 | \$25,918 | \$30,750 | \$30,781 | \$31,161 | \$32,135 | \$34,639 | Help roofers by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist roofers are classified under â€œConstruction L |
| Helpers, Construction Trades, All Other | 47-3019 | 30 | \$11.37 | \$11.37 | \$14.44 | \$14.49 | \$17.06 | \$17.63 | \$23,650 | \$23,650 | \$30,022 | \$30,124 | \$35,480 | \$36,660 | All construction trades helpers not listed separately. |
| Construction and Building Inspectors | 47-4011 | 220 | \$21.86 | \$24.56 | \$28.72 | \$29.81 | \$34.07 | \$40.38 | \$45,474 | \$51,086 | \$59,746 | \$61,993 | \$70,868 | \$84,011 | Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general in nature or may be limited to a specific area, such as electrical systems |
| Fence Erectors | 47-4031 | 120 | \$19.21 | \$22.84 | \$23.51 | \$23.81 | \$24.27 | \$29.20 | \$39,954 | \$47,505 | \$48,890 | \$49,537 | \$50,470 | \$60,731 | Erect and repair fences and fence gates, using hand and power tools. |
| Hazardous Materials Removal Workers | 47-4041 | 90 | \$19.79 | \$23.46 | \$25.16 | \$24.82 | \$25.75 | \$30.33 | \$41,175 | \$48,788 | \$52,328 | \$51,630 | \$53,559 | \$63,070 | Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials, or contaminated soil. Specialized training and certification in hazardous materials ha |
| Highway Maintenance Workers | 47-4051 | 1,890 | \$18.67 | \$20.68 | \$22.62 | \$22.50 | \$23.59 | \$26.08 | \$38,835 | \$43,011 | \$47,064 | \$46,787 | \$49,065 | \$54,246 | Maintain highways, municipal and rural roads, airport runways, and rights-of-way. Duties include patching broken or eroded pavement and repairing guard rails, highway markers, and snow fences. May also mow or clear brush from along road, or plow snow fro |
| Rail-Track Laying and Maintenance Equipment Operators | 47-4061 | 70 | \$30.46 | \$30.46 | \$30.47 | \$30.73 | \$33.69 | \$33.71 | \$63,357 | \$63,357 | \$63,378 | \$63,922 | \$70,088 | \$70,098 | Lay, repair, and maintain track for standard or narrow-gauge railroad equipment used in regular railroad service or in plant yards, quarries, sand and gravel pits, and mines. Includes ballast cleaning machine operators and railroad bed tamping machine op |
| Septic Tank Servicers and Sewer Pipe Cleaners | 47-4071 | 140 | \$16.51 | \$18.27 | \$22.51 | \$21.93 | \$23.57 | \$28.57 | \$34,341 | \$38,014 | \$46,818 | \$45,607 | \$49,014 | \$59,438 | Clean and repair septic tanks, sewer lines, or drains. May patch walls and partitions of tank, replace damaged drain tile, or repair breaks in underground piping. |
| Service Unit Operators, Oil and Gas | 47-5013 |  | \$14.48 | \$19.58 | \$22.61 | \$22.35 | \$23.28 | \$23.31 | \$30,114 | \$40,723 | \$47,033 | \$46,479 | \$48,429 | \$48,490 | Operate equipment to increase oil flow from producing wells or to remove stuck pipe, casing, tools, or other obstructions from drilling wells. Includes fishing-tool technicians. |
| Excavating and Loading Machine and Dragline Operators, Surface Mining | 47-5022 | 210 | \$16.65 | \$22.28 | \$24.32 | \$24.33 | \$26.56 | \$31.89 | \$34,639 | \$46,346 | \$50,573 | \$50,594 | \$55,252 | \$66,333 | Operate or tend machinery at surface mining site, equipped with scoops, shovels, or buckets to excavate and load loose materials. |
| Earth Drillers, Except Oil and Gas | 47-5023 | 60 | \$23.94 | \$23.94 | \$24.34 | \$25.57 | \$25.33 | \$27.19 | \$49,793 | \$49,793 | \$50,635 | \$53,189 | \$52,697 | \$56,555 | Operate a variety of drills such as rotary, churn, and pneumatic to tap subsurface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction. Includes hor |
| Continuous Mining Machine Operators | 47-5041 | 90 | \$32.82 | \$37.54 | \$52.83 | \$47.07 | \$52.83 | \$52.83 | \$68,272 | \$78,081 | \$109,888 | \$97,924 | \$109,888 | \$109,888 | Operate self-propelled mining machines that rip coal, metal and nonmetal ores, rock, stone, or sand from the mine face and load it onto conveyors, shuttle cars, or trucks in a continuous operation. |
| Loading and Moving Machine Operators, Underground Mining | 47-5044 | 20 | \$20.17 | \$22.92 | \$25.10 | \$31.94 | \$41.04 | \$44.38 | \$41,954 | \$47,669 | \$52,194 | \$66,436 | \$85,366 | \$92,302 | Operate underground loading or moving machine to load or move core, ore, or rock using shuttle or mine car or conveyors. Equipment may include power shovels, hoisting engines equipped with cable-drawn scraper or scoop, or machines equipped with gathering |
| Rock Splitters, Quarry | 47-5051 | 20 | \$23.87 | \$23.87 | \$23.87 | \$24.33 | \$24.06 | \$24.59 | \$49,650 | \$49,650 | \$49,650 | \$50,594 | \$50,050 | \$51,148 | Separate blocks of rough dimension stone from quarry mass using jackhammers, wedges, or chop saws. |
| Helpers--Extraction Workers | 47-5081 | 30 | \$18.50 | \$18.63 | \$18.82 | \$19.47 | \$19.34 | \$23.20 | \$38,476 | \$38,753 | \$39,143 | \$40,497 | \$40,231 | \$48,265 | Help extraction craft workers, such as earth drillers, blasters and explosives workers, derrick operators, and mining machine operators, by performing duties requiring less skill. Duties include supplying equipment or cleaning work area. Apprentice worke |
| Extraction Workers, All Other | 47-5099 | 20 | \$17.86 | \$18.46 | \$21.99 | \$28.76 | \$39.58 | \$39.58 | \$37,142 | \$38,384 | \$45,740 | \$59,818 | \$82,339 | \$82,339 | All extraction workers not listed separately. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| First－Line Supervisors of Mechanics， Installers，and Repairers | 49－1011 | 1，520 | \＄26．97 | \＄31．16 | \＄37．96 | \＄38．85 | \＄46．60 | \＄51．27 | \＄56，100 | \＄64，813 | \＄78，940 | \＄80，814 | \＄96，928 | \＄106，631 | Directly supervise and coordinate the activities of mechanics，installers， and repairers．May also advise customers on recommended services． Excludes team or work leaders． |
| Computer，Automated Teller，and Office Machine Repairers | 49－2011 | 240 | \＄17．87 | \＄22．15 | \＄24．46 | \＄27．44 | \＄31．91 | \＄40．27 | \＄37，174 | \＄46，085 | \＄50，885 | \＄57，079 | \＄66，375 | \＄83，749 | Repair，maintain，or install computers，word processing systems， automated teller machines，and electronic office machines，such as duplicating and fax machines． |
| Radio，Cellular，and Tower Equipment Installers and Repairers | 49－2021 | 40 | \＄21．88 | \＄21．88 | \＄29．75 | \＄28．18 | \＄32．64 | \＄33．78 | \＄45，503 | \＄45，503 | \＄61，888 | \＄58，619 | \＄67，884 | \＄70，258 | Repair，install，or maintain mobile or stationary radio transmitting， broadcasting，and receiving equipment，and two－way radio communications systems used in cellular telecommunications，mobile broadband，ship－to－shore，aircraft－to－ground communications， |
| Telecommunications Equipment Installers and Repairers，Except Line Installers | 49－2022 | 460 | \＄19．88 | \＄24．11 | \＄29．95 | \＄30．65 | \＄38．65 | \＄40．55 | \＄41，359 | \＄50，145 | \＄62，304 | \＄63，741 | \＄80，408 | \＄84，343 | Install，set up，rearrange，or remove switching，distribution，routing， and dialing equipment used in central offices or headends．Service or repair telephone，cable television，Internet，and other communications equipment on customersâ $\epsilon^{\text {rM }}$ property．May i |
| Electrical and Electronics Repairers， Commercial and Industrial Equipment | 49－2094 | 340 | \＄22．74 | \＄24．84 | \＄29．16 | \＄31．11 | \＄31．63 | \＄44．50 | \＄47，283 | \＄51，655 | \＄60，639 | \＄64，699 | \＄65，781 | \＄92，567 | Repair，test，adjust，or install electronic equipment，such as industrial controls，transmitters，and antennas．Excludes â€œAvionics Techniciansâ€（49－2091），â€œElectrical and Electronics Installers and Repairers，Transportation Equipmentâ€⿴囗玉 49－2093）， |
| Electrical and Electronics Repairers， Powerhouse，Substation，and Relay | 49－2095 | 60 | \＄32．03 | \＄33．65 | \＄52．83 | \＄48．37 | \＄61．40 | \＄61．42 | \＄66，635 | \＄69，987 | \＄109，879 | \＄100，593 | \＄127，711 | \＄127，742 | Inspect，test，repair，or maintain electrical equipment in generating stations，substations，and in－service relays． |
| Audiovisual Equipment Installers and Repairers | 49－2097 | 30 | \＄13．31 | \＄13．47 | \＄16．36 | \＄19．34 | \＄25．36 | \＄34．48 | \＄27，701 | \＄28，024 | \＄34，031 | \＄40，225 | \＄52，738 | \＄71，705 | Install，repair，or adjust audio or television receivers，stereo systems， camcorders，video systems，or other electronic entertainment equipment in homes or other venues．May perform routine maintenance．Excludes â€œAudio and Video Techniciansâ€国27－401 |
| Security and Fire Alarm Systems Installers | 49－2098 | 260 | \＄19．65 | \＄22．74 | \＄25．04 | \＄26．67 | \＄30．27 | \＄32．97 | \＄40，891 | \＄47，293 | \＄52，082 | \＄55，475 | \＄62，960 | \＄68，582 | Install，program，maintain，and repair security and fire alarm wiring and equipment．Ensure that work is in accordance with relevant codes． Excludes â€œElectriciansâ€国47－2111）who do a broad range of electrical wiring． |
| Aircraft Mechanics and Service Technicians | 49－3011 |  | \＄24．21 | \＄29．88 | \＄34．53 | \＄34．28 | \＄38．85 | \＄42．39 | \＄50，354 | \＄62，148 | \＄71，809 | \＄71，299 | \＄80，814 | \＄88，163 | Diagnose，adjust，repair，or overhaul aircraft engines and assemblies， such as hydraulic and pneumatic systems．Excludes â€œAvionics Techniciansâモ国49－2091）． |
| Automotive Body and Related Repairers | 49－3021 | 710 | \＄19．82 | \＄23．35 | \＄25．37 | \＄27．44 | \＄31．21 | \＄36．60 | \＄41，234 | \＄48，574 | \＄52，769 | \＄57，089 | \＄64，928 | \＄76，129 | Repair and refinish automotive vehicle bodies and straighten vehicle frames．Excludes â€œAutomotive Glass Installers and Repairersấ国49－ 3022）and â€œCoating，Painting，and Spraying Machine Setters， Operators，and Tendersâ€国51－9124）． |
| Automotive Glass Installers and Repairers | 49－3022 | 40 | \＄11．48 | \＄15．18 | \＄19．98 | \＄19．07 | \＄24．09 | \＄24．61 | \＄23，881 | \＄31，574 | \＄41，547 | \＄39，673 | \＄50，104 | \＄51，197 | Replace or repair broken windshields and window glass in motor vehicles． |
| Automotive Service Technicians and Mechanics | 49－3023 | 2，250 | \＄18．09 | \＄19．69 | \＄23．28 | \＄25．43 | \＄30．34 | \＄37．40 | \＄37，643 | \＄40，953 | \＄48，428 | \＄52，894 | \＄63，106 | \＄77，805 | Diagnose，adjust，repair，or overhaul automotive vehicles．Excludes <br>  Truck Mechanics and Diesel Engine Specialistsấ国49－3031），and â€œElectronic Equipment Installers and Repairers，Motor |
| Bus and Truck Mechanics and Diesel Engine Specialists | 49－3031 | 1，270 | \＄22．81 | \＄26．08 | \＄29．67 | \＄29．81 | \＄32．54 | \＄38．80 | \＄47，439 | \＄54，237 | \＄61，721 | \＄62，013 | \＄67，686 | \＄80，709 | Diagnose，adjust，repair，or overhaul buses and trucks，or maintain and repair any type of diesel engines．Includes mechanics working primarily with automobile or marine diesel engines． |
| Farm Equipment Mechanics and Service Technicians | 49－3041 | 780 | \＄22．90 | \＄24．32 | \＄30．71 | \＄31．11 | \＄37．51 | \＄40．22 | \＄47，637 | \＄50，572 | \＄63，876 | \＄64，699 | \＄78，003 | \＄83，656 | Diagnose，adjust，repair，or overhaul farm machinery and vehicles，such as tractors，harvesters，dairy equipment，and irrigation systems． Excludes â€œBus and Truck Mechanics and Diesel Engine Specialistsâ€⿴囗十⺝ （49－3031）． |


| Occupation | $\begin{aligned} & \hline \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Mobile Heavy Equipment Mechanics，Except Engines | 49－3042 | 680 | \＄23．63 | \＄27．74 | \＄31．07 | \＄32．47 | \＄36．78 | \＄41．33 | \＄49，156 | \＄57，703 | \＄64，626 | \＄67，530 | \＄76，504 | \＄85，967 | Diagnose，adjust，repair，or overhaul mobile mechanical，hydraulic，and pneumatic equipment，such as cranes，bulldozers，graders，and conveyors，used in construction，logging，and mining．Excludes â€œBus and Truck Mechanics and Diesel Engine Specialistsâ |
| Rail Car Repairers | 49－3043 | 60 | \＄14．35 | \＄31．20 | \＄31．20 | \＄31．14 | \＄36．42 | \＄36．42 | \＄29，825 | \＄64，886 | \＄64，886 | \＄64，772 | \＄75，754 | \＄75，775 | Diagnose，adjust，repair，or overhaul railroad rolling stock，mine cars，or mass transit rail cars．Excludes â€œBus and Truck Mechanics and Diesel Engine Specialistsâ€ ${ }^{\text {I }} 49$－3031）． |
| Motorboat Mechanics and Service Technicians | 49－3051 | 80 | \＄19．63 | \＄20．45 | \＄23．64 | \＄23．42 | \＄25．27 | \＄28．00 | \＄40，839 | \＄42，515 | \＄49，188 | \＄48，709 | \＄52，540 | \＄58，255 | Repair and adjust electrical and mechanical equipment of inboard or inboard－outboard boat engines．Excludes â€œBus and Truck Mechanics and Diesel Engine Specialistsấ⿴囗十⺝刂9－3031）． |
| Motorcycle Mechanics | 49－3052 | 190 | \＄16．67 | \＄18．47 | \＄21．86 | \＄21．99 | \＄23．46 | \＄29．77 | \＄34，666 | \＄38，403 | \＄45，471 | \＄45，742 | \＄48，813 | \＄61，930 | Diagnose，adjust，repair，or overhaul motorcycles，scooters，mopeds， dirt bikes，or similar motorized vehicles． |
| Outdoor Power Equipment and Other Small Engine Mechanics | 49－3053 | 210 | \＄15．43 | \＄17．81 | \＄19．02 | \＄20．07 | \＄21．86 | \＄26．03 | \＄32，084 | \＄37，050 | \＄39，558 | \＄41，755 | \＄45，471 | \＄54，132 | Diagnose，adjust，repair，or overhaul small engines used to power lawn mowers，chain saws，recreational sporting equipment，and related equipment． |
| Bicycle Repairers | 49－3091 | 90 | \＄14．01 | \＄14．28 | \＄14．91 | \＄15．88 | \＄18．30 | \＄18．74 | \＄29，138 | \＄29，710 | \＄31，001 | \＄33，021 | \＄38，070 | \＄38，975 | Repair and service bicycles． |
| Recreational Vehicle Service Technicians | 49－3092 | 80 | \＄14．43 | \＄15．49 | \＄19．12 | \＄21．79 | \＄25．69 | \＄30．85 | \＄30，002 | \＄32，219 | \＄39，767 | \＄45，315 | \＄53，435 | \＄64，147 | Diagnose，inspect，adjust，repair，or overhaul recreational vehicles including travel trailers．May specialize in maintaining gas，electrical， hydraulic，plumbing，or chassis／towing systems as well as repairing generators，appliances，and interior compon |
| Tire Repairers and Changers | 49－3093 | 380 | \＄15．23 | \＄16．41 | \＄17．59 | \＄17．97 | \＄18．12 | \＄21．78 | \＄31，668 | \＄34，124 | \＄36，591 | \＄37，372 | \＄37，695 | \＄45，305 | Repair and replace tires． |
| Mechanical Door Repairers | 49－9011 | 370 | \＄18．93 | \＄20．20 | \＄20．34 | \＄21．36 | \＄21．97 | \＄24．92 | \＄39，350 | \＄42，005 | \＄42，317 | \＄44，430 | \＄45，690 | \＄51，821 | Install，service，or repair automatic door mechanisms and hydraulic doors．Includes garage door mechanics． |
| Control and Valve Installers and Repairers， Except Mechanical Door | 49－9012 | 180 | \＄29．94 | \＄31．22 | \＄40．13 | \＄39．08 | \＄45．77 | \＄47．47 | \＄62，263 | \＄64，928 | \＄83，468 | \＄81，282 | \＄95，200 | \＄98，740 | Install，repair，and maintain mechanical regulating and controlling devices，such as electric meters，gas regulators，thermostats，safety and flow valves，and other mechanical governors． |
| Heating，Air Conditioning，and Refrigeration Mechanics and Installers | 49－9021 | 1，120 | \＄19．53 | \＄24．03 | \＄27．27 | \＄28．86 | \＄31．09 | \＄38．95 | \＄40，620 | \＄49，979 | \＄56，735 | \＄60，014 | \＄64，688 | \＄81，022 | Install or repair heating，central air conditioning，HVAC，or refrigeration systems，including oil burners，hot－air furnaces，and heating stoves． |
| Home Appliance Repairers | 49－9031 | 160 | \＄12．64 | \＄15．56 | \＄16．89 | \＄19．30 | \＄22．67 | \＄27．00 | \＄26，275 | \＄32，365 | \＄35，134 | \＄40，131 | \＄47，168 | \＄56，173 | Repair，adjust，or install all types of electric or gas household appliances，such as refrigerators，washers，dryers，and ovens． |
| Industrial Machinery Mechanics | 49－9041 | 1，320 | \＄22．35 | \＄24．74 | \＄28．63 | \＄29．03 | \＄31．73 | \＄37．01 | \＄46，481 | \＄51，478 | \＄59，546 | \＄60，379 | \＄66，010 | \＄76，983 | Repair，install，adjust，or maintain industrial production and processing machinery or refinery and pipeline distribution systems．May also install，dismantle，or move machinery and heavy equipment according to plans．Excludes â€œMobile Heavy Equipment M |
| Maintenance Workers，Machinery | 49－9043 | 50 | \＄14．45 | \＄16．67 | \＄22．87 | \＄22．41 | \＄28．98 | \＄31．24 | \＄30，054 | \＄34，666 | \＄47，574 | \＄46，616 | \＄60，285 | \＄64，969 | Lubricate machinery，change parts，or perform other routine machinery maintenance．Excludes â€œMaintenance and Repair Workers， Generalấ国49－9071）． |
| Millwrights | 49－9044 |  | \＄24．52 | \＄25．93 | \＄29．88 | \＄30．19 | \＄32．30 | \＄37．08 | \＄50，989 | \＄53，924 | \＄62，148 | \＄62，804 | \＄67，187 | \＄77，128 | Install，dismantle，or move machinery and heavy equipment according to layout plans，blueprints，or other drawings． |
| Electrical Power－Line Installers and Repairers | 49－9051 | 950 | \＄29．56 | \＄36．10 | \＄42．20 | \＄40．91 | \＄46．84 | \＄49．31 | \＄61，503 | \＄75，088 | \＄87，778 | \＄85，103 | \＄97，418 | \＄102，571 | Install or repair cables or wires used in electrical power or distribution systems．May erect poles and light or heavy duty transmission towers． Excludes â€œElectrical and Electronics Repairers，Powerhouse， Substation，and Relay＂（49－2095）． |
| Telecommunications Line Installers and Repairers | 49－9052 | 400 | \＄17．44 | \＄18．75 | \＄21．19 | \＄24．59 | \＄28．87 | \＄39．97 | \＄36，269 | \＄38，986 | \＄44，097 | \＄51，145 | \＄60，045 | \＄83，145 | Install and repair telecommunications cable，including fiber optics． |
| Medical Equipment Repairers | 49－9062 | 410 | \＄26．15 | \＄31．05 | \＄39．72 | \＄40．26 | \＄48．78 | \＄50．25 | \＄54，393 | \＄64，584 | \＄82，625 | \＄83，739 | \＄101，457 | \＄104，528 | Test，adjust，or repair biomedical or electromedical equipment． |
| Musical Instrument Repairers and Tuners | 49－9063 | 20 | \＄15．73 | \＄23．54 | \＄24．06 | \＄24．30 | \＄28．87 | \＄29．87 | \＄32，719 | \＄48，948 | \＄50，031 | \＄50，541 | \＄60，035 | \＄62，127 | Repair percussion，stringed，reed，or wind instruments．May specialize in one area，such as piano tuning．Excludes â€œAudiovisual Equipment Installers and Repairers＂（49－2097）who repair electrical and electronic musical instruments． |
| Precision Instrument and Equipment Repairers，All Other | 49－9069 |  | \＄24．53 | \＄24．53 | \＄30．87 | \＄30．74 | \＄32．50 | \＄36．84 | \＄51，020 | \＄51，020 | \＄64，209 | \＄63，949 | \＄67，603 | \＄76，629 | All precision instrument and equipment repairers not listed separately． |


| Occupation | $\begin{aligned} & \hline \text { soc* } \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Maintenance and Repair Workers, General | 49-9071 | 3,300 | \$17.38 | \$19.23 | \$22.25 | \$22.64 | \$24.89 | \$29.17 | \$36,165 | \$40,006 | \$46,283 | \$47,095 | \$51,769 | \$60,680 | Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of a building in repair. Duties may involve pipe fitting; HVAC maintenance; insulating; welding; machining; carpent |
| Wind Turbine Service Technicians | 49-9081 | 360 | \$19.71 | \$19.71 | \$23.38 | \$27.01 | \$29.71 | \$39.33 | \$40,985 | \$40,985 | \$48,626 | \$56,194 | \$61,794 | \$81,792 | Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions. |
| Coin, Vending, and Amusement Machine Servicers and Repairers | 49-9091 | 320 | \$15.07 | \$15.74 | \$19.01 | \$20.34 | \$23.42 | \$28.85 | \$31,366 | \$32,740 | \$39,538 | \$42,296 | \$48,709 | \$59,993 | Install, service, adjust, or repair coin, vending, or amusement machines including video games, juke boxes, pinball machines, or slot machines. |
| Locksmiths and Safe Repairers | 49-9094 | 30 | \$19.71 | \$20.12 | \$23.32 | \$25.42 | \$28.21 | \$33.80 | \$40,995 | \$41,859 | \$48,490 | \$52,883 | \$58,682 | \$70,310 | Repair and open locks, make keys, change locks and safe combinations, and install and repair safes. |
| Manufactured Building and Mobile Home Installers | 49-9095 | 60 | \$19.57 | \$20.90 | \$22.32 | \$21.84 | \$22.77 | \$22.94 | \$40,703 | \$43,473 | \$46,429 | \$45,419 | \$47,356 | \$47,720 | Move or install mobile homes or prefabricated buildings. |
| Installation, Maintenance, and Repair Workers, All Other | 49-9099 | 450 | \$17.95 | \$20.75 | \$23.84 | \$25.24 | \$30.51 | \$33.60 | \$37,331 | \$43,160 | \$49,573 | \$52,519 | \$63,460 | \$69,893 | All installation, maintenance, and repair workers not listed separately. |
| First-Line Supervisors of Production and Operating Workers | 51-1011 | 1,880 | \$24.76 | \$29.62 | \$32.82 | \$34.55 | \$39.08 | \$43.79 | \$51,497 | \$61,603 | \$68,276 | \$71,855 | \$81,290 | \$91,076 | Directly supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators. Excludes team or work leaders. |
| Electrical, electronic, and electromechanical assemblers, except coil winders, tapers, and finishers | 51-2028 | 1,780 | \$15.23 | \$17.13 | \$17.53 | \$18.54 | \$19.85 | \$22.83 | \$31,666 | \$35,628 | \$36,476 | \$38,555 | \$41,297 | \$47,493 |  |
| Engine and Other Machine Assemblers | 51-2031 | 510 | \$16.49 | \$18.11 | \$21.10 | \$20.39 | \$21.96 | \$22.83 | \$34,303 | \$37,666 | \$43,903 | \$42,414 | \$45,683 | \$47,483 | Construct, assemble, or rebuild machines, such as engines, turbines, and similar equipment used in such industries as construction, extraction, textiles, and paper manufacturing. |
| Structural Metal Fabricators and Fitters | 51-2041 | 200 | \$16.09 | \$18.67 | \$23.51 | \$22.89 | \$24.73 | \$29.82 | \$33,455 | \$38,834 | \$48,921 | \$47,617 | \$51,455 | \$62,028 | Fabricate, position, align, and fit parts of structural metal products. Shipfitters are included in â€œLayout Workers, Metal and Plasticấ国514192). |
| Fiberglass Laminators and Fabricators | 51-2051 | 60 | \$19.33 | \$20.01 | \$22.54 | \$21.87 | \$23.33 | \$23.52 | \$40,210 | \$41,617 | \$46,883 | \$45,497 | \$48,517 | \$48,931 | Laminate layers of fiberglass on molds to form boat decks and hulls, bodies for golf carts, automobiles, or other products. |
| Miscellaneous Assemblers and Fabricators | 51-2090 | 3,760 | \$15.62 | \$17.02 | \$19.13 | \$19.41 | \$21.43 | \$23.87 | \$32,493 | \$35,390 | \$39,786 | \$40,376 | \$44,586 | \$49,634 |  |
| Bakers | 51-3011 | 330 | \$14.08 | \$14.76 | \$17.31 | \$18.05 | \$18.74 | \$23.54 | \$29,286 | \$30,703 | \$36,000 | \$37,541 | \$39,000 | \$48,962 | Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods. Pastry chefs in restaurants and hotels <br>  |
| Butchers and Meat Cutters | 51-3021 | 490 | \$14.30 | \$15.29 | \$17.39 | \$17.93 | \$18.89 | \$23.39 | \$29,741 | \$31,810 | \$36,176 | \$37,283 | \$39,290 | \$48,652 | Cut, trim, or prepare consumer-sized portions of meat for use or sale in retail establishments. |
| Meat, Poultry, and Fish Cutters and Trimmers | 51-3022 | 1,930 | \$18.67 | \$20.22 | \$20.22 | \$21.06 | \$21.99 | \$24.58 | \$38,845 | \$42,072 | \$42,072 | \$43,800 | \$45,745 | \$51,114 | Use hands or hand tools to perform routine cutting and trimming of meat, poultry, and seafood. |
| Slaughterers and Meat Packers | 51-3023 | 740 | \$18.08 | \$18.53 | \$20.29 | \$20.66 | \$21.96 | \$24.33 | \$37,603 | \$38,534 | \$42,197 | \$42,983 | \$45,672 | \$50,597 | Perform nonroutine or precision functions involving the preparation of large portions of meat. Work may include specialized slaughtering tasks, cutting standard or premium cuts of meat for marketing, making sausage, or wrapping meats. Work typically occu |
| Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | 51-3091 | 170 | \$15.16 | \$15.61 | \$19.22 | \$19.62 | \$20.67 | \$27.63 | \$31,531 | \$32,483 | \$39,983 | \$40,821 | \$42,993 | \$57,466 | Operate or tend food or tobacco roasting, baking, or drying equipment, including hearth ovens, kiln driers, roasters, char kilns, and vacuum drying equipment. |
| Food Batchmakers | 51-3092 | 750 | \$14.14 | \$15.43 | \$18.30 | \$18.22 | \$20.32 | \$22.21 | \$29,410 | \$32,110 | \$38,059 | \$37,883 | \$42,259 | \$46,190 | Set up and operate equipment that mixes or blends ingredients used in the manufacturing of food products. Includes candy makers and cheese makers. |
| Food Cooking Machine Operators and Tenders | 51-3093 | 80 | \$15.55 | \$17.04 | \$18.01 | \$18.54 | \$19.51 | \$23.82 | \$32,328 | \$35,441 | \$37,469 | \$38,555 | \$40,583 | \$49,562 | Operate or tend cooking equipment, such as steam cooking vats, deep fry cookers, pressure cookers, kettles, and boilers, to prepare food products. Excludes â€œFood and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders" (51-3091). |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4021 | 60 | \$19.21 | \$19.82 | \$22.56 | \$22.72 | \$23.71 | \$27.95 | \$39,962 | \$41,234 | \$46,924 | \$47,255 | \$49,324 | \$58,148 | Set up, operate, or tend machines to extrude or draw thermoplastic or metal materials into tubes, rods, hoses, wire, bars, or structural shapes. |
| Forging Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4022 | 30 | \$21.17 | \$23.79 | \$23.79 | \$23.54 | \$24.09 | \$24.73 | \$44,017 | \$49,490 | \$49,490 | \$48,962 | \$50,121 | \$51,455 | Set up, operate, or tend forging machines to taper, shape, or form metal or plastic parts. |
| Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4023 | 130 | \$19.33 | \$20.00 | \$22.96 | \$22.94 | \$25.21 | \$26.33 | \$40,210 | \$41,586 | \$47,741 | \$47,721 | \$52,438 | \$54,755 | Set up, operate, or tend machines to roll steel or plastic forming bends, beads, knurls, rolls, or plate, or to flatten, temper, or reduce gauge of material. |
| Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4031 | 620 | \$16.42 | \$18.92 | \$20.22 | \$21.27 | \$23.30 | \$25.28 | \$34,148 | \$39,362 | \$42,062 | \$44,245 | \$48,445 | \$52,593 | Set up, operate, or tend machines to saw, cut, shear, slit, punch, crimp, notch, bend, or straighten metal or plastic material. |
| Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 51-4032 |  | \$18.03 | \$18.62 | \$18.62 | \$18.73 | \$19.26 | \$19.27 | \$37,500 | \$38,731 | \$38,731 | \$38,979 | \$40,055 | \$40,086 | Set up, operate, or tend drilling machines to drill, bore, ream, mill, or countersink metal or plastic work pieces. |
| Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 51-4033 | 130 | \$14.48 | \$14.94 | \$16.94 | \$17.38 | \$19.09 | \$20.05 | \$30,124 | \$31,066 | \$35,234 | \$36,155 | \$39,703 | \$41,700 | Set up, operate, or tend grinding and related tools that remove excess material or burrs from surfaces, sharpen edges or corners, or buff, hone, or polish metal or plastic work pieces. |
| Machinists | 51-4041 | 540 | \$17.32 | \$20.97 | \$23.77 | \$24.07 | \$28.19 | \$29.74 | \$36,010 | \$43,603 | \$49,448 | \$50,069 | \$58,645 | \$61,862 | Set up and operate a variety of machine tools to produce precision parts and instruments out of metal. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair mac |
| Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4072 | 730 | \$15.71 | \$16.51 | \$18.38 | \$19.18 | \$22.00 | \$23.12 | \$32,690 | \$34,345 | \$38,234 | \$39,900 | \$45,755 | \$48,083 | Set up, operate, or tend metal or plastic molding, casting, or coremaking machines to mold or cast metal or thermoplastic parts or products. |
| Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 51-4081 | 240 | \$16.18 | \$18.86 | \$24.04 | \$22.75 | \$25.86 | \$27.74 | \$33,652 | \$39,228 | \$50,007 | \$47,328 | \$53,793 | \$57,703 | Set up, operate, or tend more than one type of cutting or forming machine tool or robot. |
| Tool and Die Makers | 51-4111 | 130 | \$20.06 | \$22.69 | \$26.20 | \$26.44 | \$29.87 | \$31.50 | \$41,721 | \$47,172 | \$54,497 | \$54,983 | \$62,110 | \$65,524 | Analyze specifications, lay out metal stock, set up and operate machine tools, and fit and assemble parts to make and repair dies, cutting tools, jigs, fixtures, gauges, and machinistsâ ${ }^{\text {TM }}$ hand tools. |
| Welders, Cutters, Solderers, and Brazers | 51-4121 | 3,510 | \$18.26 | \$20.01 | \$23.03 | \$23.22 | \$24.61 | \$29.06 | \$37,976 | \$41,607 | \$47,897 | \$48,310 | \$51,176 | \$60,434 | Use hand-welding, flame-cutting, hand-soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products. |
| Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 51-4122 | 240 | \$18.60 | \$23.20 | \$24.09 | \$24.14 | \$26.86 | \$28.03 | \$38,690 | \$48,259 | \$50,121 | \$50,224 | \$55,852 | \$58,303 | Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Includes workers who operate laser cutters or laser-beam machines. |
| Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 51-4191 | 10 | \$20.05 | \$20.05 | \$22.81 | \$21.90 | \$22.81 | \$23.49 | \$41,700 | \$41,700 | \$47,452 | \$45,559 | \$47,452 | \$48,869 | Set up, operate, or tend heating equipment, such as heat-treating furnaces, flame-hardening machines, induction machines, soaking pits, or vacuum equipment to temper, harden, anneal, or heat treat metal or plastic objects. |
| Layout Workers, Metal and Plastic | 51-4192 | 10 | \$19.42 | \$22.45 | \$24.08 | \$25.21 | \$24.94 | \$36.61 | \$40,386 | \$46,697 | \$50,090 | \$52,438 | \$51,879 | \$76,159 | Lay out reference points and dimensions on metal or plastic stock or workpieces, such as sheets, plates, tubes, structural shapes, castings, or machine parts, for further processing. Includes shipfitters. |
| Plating Machine Setters, Operators, and Tenders, Metal and Plastic | 51-4193 | 30 | \$14.83 | \$17.68 | \$19.33 | \$23.67 | \$37.45 | \$37.45 | \$30,848 | \$36,766 | \$40,210 | \$49,231 | \$77,886 | \$77,886 | Set up, operate, or tend plating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces. Typically, the product being coated is immersed in molten metal or an electrolytic s |
| Prepress Technicians and Workers | 51-5111 | 110 | \$13.80 | \$15.30 | \$17.71 | \$18.82 | \$21.71 | \$24.58 | \$28,707 | \$31,821 | \$36,838 | \$39,134 | \$45,166 | \$51,124 | Format and proof text and images submitted by designers and clients into finished pages that can be printed. Includes digital and photo typesetting. May produce printing plates. |
| Printing Press Operators | 51-5112 | 470 | \$14.67 | \$16.09 | \$19.07 | \$20.60 | \$24.03 | \$29.27 | \$30,517 | \$33,455 | \$39,652 | \$42,848 | \$49,986 | \$60,879 | Set up and operate digital, letterpress, lithographic, flexographic, gravure, or other printing machines. Includes short-run offset printing presses. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Print Binding and Finishing Workers | 51-5113 | 130 | \$13.77 | \$16.34 | \$18.89 | \$18.56 | \$18.89 | \$22.93 | \$28,645 | \$33,993 | \$39,279 | \$38,607 | \$39,279 | \$47,710 | Bind books and other publications or finish printed products by hand or machine. May set up binding and finishing machines. |
| Laundry and Dry-Cleaning Workers | 51-6011 | 720 | \$12.93 | \$13.60 | \$15.26 | \$15.82 | \$17.32 | \$19.27 | \$26,897 | \$28,293 | \$31,738 | \$32,897 | \$36,021 | \$40,086 | Operate or tend washing or dry-cleaning machines to wash or dry-clean industrial or household articles, such as cloth garments, suede, leather, furs, blankets, draperies, linens, rugs, and carpets. Includes spotters and dyers of these articles. |
| Pressers, Textile, Garment, and Related Materials | 51-6021 | 40 | \$12.03 | \$13.09 | \$13.89 | \$14.15 | \$14.94 | \$16.94 | \$25,024 | \$27,207 | \$28,893 | \$29,431 | \$31,066 | \$35,255 | Press or shape articles by hand or machine. |
| Sewing Machine Operators | 51-6031 | 300 | \$13.51 | \$15.52 | \$18.16 | \$17.86 | \$21.23 | \$21.23 | \$28,086 | \$32,276 | \$37,769 | \$37,128 | \$44,152 | \$44,152 | Operate or tend sewing machines to join, reinforce, decorate, or perform related sewing operations in the manufacture of garment or nongarment products. |
| Shoe and Leather Workers and Repairers | 51-6041 | 40 | \$14.96 | \$20.69 | \$20.96 | \$20.20 | \$21.41 | \$21.41 | \$31,107 | \$43,034 | \$43,583 | \$42,021 | \$44,534 | \$44,534 | Construct, decorate, or repair leather and leather-like products, such as luggage, shoes, and saddles. May use hand tools. |
| Textile Cutting Machine Setters, Operators, and Tenders | 51-6062 |  | \$14.74 | \$14.74 | \$16.52 | \$16.78 | \$16.52 | \$21.53 | \$30,662 | \$30,662 | \$34,366 | \$34,893 | \$34,366 | \$44,772 | Set up, operate, or tend machines that cut textiles. |
| Cabinetmakers and Bench Carpenters | 51-7011 | 420 | \$15.71 | \$17.33 | \$19.83 | \$20.28 | \$22.71 | \$24.56 | \$32,690 | \$36,031 | \$41,255 | \$42,176 | \$47,234 | \$51,072 | Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products. Excludes â€œWoodworking Machine Setter |
| Furniture Finishers | 51-7021 | 140 | \$12.96 | \$14.30 | \$16.66 | \$17.52 | \$19.64 | \$23.63 | \$26,969 | \$29,731 | \$34,645 | \$36,455 | \$40,862 | \$49,148 | Shape, finish, and refinish damaged, worn, or used furniture or new high-grade furniture to specified color or finish. |
| Sawing Machine Setters, Operators, and Tenders, Wood | 51-7041 | 270 | \$14.29 | \$15.27 | \$17.57 | \$17.98 | \$20.17 | \$22.85 | \$29,710 | \$31,759 | \$36,538 | \$37,397 | \$41,959 | \$47,534 | Set up, operate, or tend wood sawing machines. May operate computer numerically controlled (CNC) equipment. Includes lead sawyers. Workers who primarily program or operate CNC equipment are classified in â€œComputer Numerically Controlled Tool Operators |
| Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 51-7042 | 500 | \$14.24 | \$15.62 | \$18.99 | \$19.01 | \$21.66 | \$23.79 | \$29,638 | \$32,483 | \$39,497 | \$39,548 | \$45,062 | \$49,490 | Set up, operate, or tend woodworking machines, such as drill presses, lathes, shapers, routers, sanders, planers, and wood nailing machines. May operate computer numerically controlled (CNC) equipment. Workers who primarily program or operate CNC equipme |
| Power Plant Operators | 51-8013 | 30 | \$33.18 | \$38.32 | \$51.88 | \$47.74 | \$51.88 | \$61.34 | \$69,010 | \$79,707 | \$107,917 | \$99,290 | \$107,917 | \$127,593 | Control, operate, or maintain machinery to generate electric power. Includes auxiliary equipment operators. Excludes â€œNuclear Power Reactor Operatorsấ国51-8011). |
| Stationary Engineers and Boiler Operators | 51-8021 | 100 | \$17.84 | \$22.52 | \$31.53 | \$28.57 | \$33.44 | \$34.76 | \$37,107 | \$46,841 | \$65,576 | \$59,441 | \$69,569 | \$72,300 | Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment such as steam engines, generators, motors, turbines, and steam boilers. |
| Water and Wastewater Treatment Plant and System Operators | 51-8031 | 940 | \$19.56 | \$23.07 | \$25.86 | \$26.95 | \$30.37 | \$36.21 | \$40,686 | \$47,969 | \$53,793 | \$56,048 | \$63,176 | \$75,310 | Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater. |
| Chemical Plant and System Operators | 51-8091 | 210 | \$24.42 | \$24.46 | \$27.21 | \$26.28 | \$27.93 | \$28.18 | \$50,814 | \$50,876 | \$56,586 | \$54,652 | \$58,097 | \$58,603 | Control or operate entire chemical processes or system of machines. |
| Gas Plant Operators | 51-8092 | 20 | \$31.30 | \$32.27 | \$45.68 | \$40.47 | \$46.49 | \$46.49 | \$65,121 | \$67,107 | \$95,017 | \$84,186 | \$96,703 | \$96,703 | Distribute or process gas for utility companies and others by controlling compressors to maintain specified pressures on main pipelines. |
| Petroleum Pump System Operators, Refinery Operators, and Gaugers | 51-8093 | 20 | \$26.99 | \$30.00 | \$37.74 | \$39.02 | \$48.66 | \$50.88 | \$56,141 | \$62,400 | \$78,497 | \$81,155 | \$101,214 | \$105,817 | Operate or control petroleum refining or processing units. May specialize in controlling manifold and pumping systems, gauging or testing oil in storage tanks, or regulating the flow of oil into pipelines. |
| Plant and System Operators, All Other | 51-8099 | 150 | \$21.47 | \$24.53 | \$30.77 | \$29.75 | \$33.31 | \$37.67 | \$44,659 | \$51,010 | \$63,983 | \$61,893 | \$69,279 | \$78,352 | All plant and system operators not listed separately. |
| Chemical Equipment Operators and Tenders | 51-9011 | 150 | \$19.36 | \$22.46 | \$23.48 | \$23.83 | \$24.46 | \$29.28 | \$40,262 | \$46,707 | \$48,848 | \$49,572 | \$50,866 | \$60,890 | Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels. Excludes â€œChemical Plant and System Operators" |


| Occupation | $\begin{aligned} & \hline \text { Soc* }^{*} \\ & \text { Code } \\ & \hline \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC＊Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ | 10th \％ | 25th \％ | Median | Mean | 75th \％ | 90th \％ |  |
| Separating，Filtering，Clarifying，Precipitating， and Still Machine Setters，Operators，and Tenders | 51－9012 | 330 | \＄16．21 | \＄18．78 | \＄23．92 | \＄23．37 | \＄27．76 | \＄30．09 | \＄33，714 | \＄39，041 | \＄49，748 | \＄48，600 | \＄57，734 | \＄62，597 | Set up，operate，or tend continuous flow or vat－type equipment；filter presses；shaker screens；centrifuges；condenser tubes；precipitating， fermenting，or evaporating tanks；scrubbing towers；or batch stills． These machines extract，sort，or separate li |
| Crushing，Grinding，and Polishing Machine Setters，Operators，and Tenders | 51－9021 | 110 | \＄14．54 | \＄17．40 | \＄19．80 | \＄22．67 | \＄29．29 | \＄32．88 | \＄30，248 | \＄36，186 | \＄41，183 | \＄47，152 | \＄60，921 | \＄68，379 | Set up，operate，or tend machines to crush，grind，or polish materials， such as coal，glass，grain，stone，food，or rubber． |
| Grinding and Polishing Workers，Hand | 51－9022 | 60 | \＄14．41 | \＄15．89 | \＄17．48 | \＄17．44 | \＄18．72 | \＄19．23 | \＄29，959 | \＄33，052 | \＄36，352 | \＄36，290 | \＄38，948 | \＄39，993 | Grind，sand，or polish，using hand tools or hand－held power tools，a variety of metal，wood，stone，clay，plastic，or glass objects．Includes chippers，buffers，and finishers． |
| Mixing and Blending Machine Setters， Operators，and Tenders | 51－9023 | 220 | \＄17．40 | \＄19．54 | \＄20．57 | \＄21．57 | \＄24．58 | \＄26．33 | \＄36，186 | \＄40，634 | \＄42，776 | \＄44，855 | \＄51，124 | \＄54，755 | Set up，operate，or tend machines to mix or blend materials，such as chemicals，tobacco，liquids，color pigments，or explosive ingredients． Excludes â€œFood Batchmakersâ€国51－3092）． |
| Cutters and Trimmers，Hand | 51－9031 | 70 | \＄14．87 | \＄15．38 | \＄18．23 | \＄17．51 | \＄18．23 | \＄19．02 | \＄30，910 | \＄31，986 | \＄37，914 | \＄36，434 | \＄37，914 | \＄39，559 | Use hand tools or hand－held power tools to cut and trim a variety of manufactured items，such as carpet，fabric，stone，glass，or rubber． |
| Cutting and Slicing Machine Setters， Operators，and Tenders | 51－9032 | 490 | \＄18．49 | \＄19．11 | \＄21．88 | \＄22．09 | \＄24．58 | \＄24．58 | \＄38，452 | \＄39，745 | \＄45，507 | \＄45，941 | \＄51，114 | \＄51，114 | Set up，operate，or tend machines that cut or slice materials，such as glass，stone，cork，rubber，tobacco，food，paper，or insulating material． Excludes â€œCutting，Punching，and Press Machine Setters，Operators， and Tenders，Metal and Plasticấ国51－40 |
| Extruding，Forming，Pressing，and Compacting Machine Setters，Operators，and Tenders | 51－9041 | 630 | \＄16．77 | \＄17．60 | \＄20．10 | \＄21．29 | \＄23．66 | \＄27．73 | \＄34，883 | \＄36，600 | \＄41，814 | \＄44，276 | \＄49，210 | \＄57，683 | Set up，operate，or tend machines，such as glass－forming machines， plodder machines，and tuber machines，to shape and form products such as glassware，food，rubber，soap，brick，tile，clay，wax，tobacco，or cosmetics．Excludes â€œShoe Machine Operators a |
| Furnace，Kiln，Oven，Drier，and Kettle Operators and Tenders | 51－9051 | 40 | \＄19．93 | \＄20．63 | \＄25．59 | \＄25．02 | \＄30．05 | \＄30．05 | \＄41，462 | \＄42，900 | \＄53，234 | \＄52，045 | \＄62，503 | \＄62，503 | Operate or tend heating equipment other than basic metal，plastic，or food processing equipment．Includes activities such as annealing glass， drying lumber，curing rubber，removing moisture from materials，or boiling soap． |
| Inspectors，Testers，Sorters，Samplers，and Weighers | 51－9061 | 1，060 | \＄17．26 | \＄19．07 | \＄21．74 | \＄22．30 | \＄24．21 | \＄28．91 | \＄35，886 | \＄39，662 | \＄45，217 | \＄46，386 | \＄50，348 | \＄60，145 | Inspect，test，sort，sample，or weigh nonagricultural raw materials or processed，machined，fabricated，or assembled parts or products for defects，wear，and deviations from specifications．May use precision measuring instruments and complex test equipme |
| Jewelers and Precious Stone and Metal Workers | 51－9071 | 100 | \＄12．57 | \＄14．60 | \＄19．02 | \＄19．57 | \＄21．72 | \＄29．95 | \＄26，152 | \＄30，362 | \＄39，579 | \＄40，707 | \＄45，186 | \＄62，297 | Design，fabricate，adjust，repair，or appraise jewelry，gold，silver，other precious metals，or gems．Includes diamond polishers and gem cutters， and persons who perform precision casting and modeling of molds， casting metal in molds，or setting precious |
| Dental Laboratory Technicians | 51－9081 | 100 | \＄18．73 | \＄18．87 | \＄23．17 | \＄25．55 | \＄27．47 | \＄38．10 | \＄38，969 | \＄39，259 | \＄48，197 | \＄53，141 | \＄57，134 | \＄79，252 | Construct and repair full or partial dentures or dental appliances． Excludes â€œDental Assistantsâ $\ddagger$ 国31－9091）． |
| Medical Appliance Technicians | 51－9082 | 40 | \＄15．26 | \＄18．63 | \＄20．66 | \＄21．60 | \＄24．19 | \＄24．19 | \＄31，738 | \＄38，752 | \＄42，962 | \＄44，938 | \＄50，307 | \＄50，307 | Construct，maintain，or repair medical supportive devices such as braces，orthotics and prosthetic devices，joints，arch supports，and other surgical and medical appliances． |
| Ophthalmic Laboratory Technicians | 51－9083 | 20 | \＄17．51 | \＄17．51 | \＄18．63 | \＄21．93 | \＄24．11 | \＄30．14 | \＄36，424 | \＄36，424 | \＄38，741 | \＄45，610 | \＄50，152 | \＄62，700 | Cut，grind，and polish eyeglasses，contact lenses，or other precision optical elements．Assemble and mount lenses into frames or process other optical elements．Includes precision lens polishers or grinders， centerer－edgers，and lens mounters．Excludes â |
| Packaging and Filling Machine Operators and Tenders | 51－9111 | 890 | \＄15．23 | \＄16．84 | \＄19．09 | \＄19．14 | \＄21．94 | \＄22．00 | \＄31，666 | \＄35，028 | \＄39，693 | \＄39，807 | \＄45，631 | \＄45，755 | Operate or tend machines to prepare industrial or consumer products for storage or shipment．Includes cannery workers who pack food products． |
| Painting，Coating，and Decorating Workers | 51－9123 | 80 | \＄15．55 | \＄16．48 | \＄21．39 | \＄21．47 | \＄24．91 | \＄29．73 | \＄32，328 | \＄34，272 | \＄44，493 | \＄44，659 | \＄51，807 | \＄61，852 | Paint，coat，or decorate articles，such as furniture，glass，plateware， pottery，jewelry，toys，books，or leather．Excludes â€œArtists and Related Workers＂（27－1010），â€œDesignersâ€⿴囗玉 27－1020）， â€œPhotographic Process Workers and Processing Machine Opera |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 51-9124 | 1,230 | \$18.08 | \$19.41 | \$22.68 | \$23.20 | \$26.58 | \$29.40 | \$37,614 | \$40,366 | \$47,162 | \$48,259 | \$55,272 | \$61,159 | Set up, operate, or tend spraying or rolling machines to coat or paint any of a wide variety of products, including glassware, cloth, ceramics, metal, plastic, paper, or wood, with lacquer, silver, copper, rubber, varnish, glaze, enamel, oil, or rust-pro |
| Computer Numerically Controlled Tool Operators | 51-9161 | 1,430 | \$18.92 | \$20.03 | \$24.23 | \$25.03 | \$29.40 | \$32.54 | \$39,352 | \$41,659 | \$50,390 | \$52,066 | \$61,159 | \$67,697 | Operate computer-controlled tools, machines, or robots to machine or process parts, tools, or other work pieces made of metal, plastic, wood, stone, or other materials. May also set up and maintain equipment. |
| Computer Numerically Controlled Tool Programmers | 51-9162 | 100 | \$24.04 | \$25.41 | \$29.78 | \$30.85 | \$34.81 | \$41.78 | \$49,997 | \$52,852 | \$61,934 | \$64,159 | \$72,393 | \$86,897 | Develop programs to control machining or processing of materials by automatic machine tools, equipment, or systems. May also set up, operate, or maintain equipment. |
| Adhesive Bonding Machine Operators and Tenders | 51-9191 | 60 | \$19.12 | \$19.42 | \$25.81 | \$24.11 | \$25.81 | \$25.81 | \$39,755 | \$40,386 | \$53,690 | \$50,152 | \$53,690 | \$53,690 | Operate or tend bonding machines that use adhesives to join items for further processing or to form a completed product. Processes include joining veneer sheets into plywood; gluing paper; or joining rubber and rubberized fabric parts, plastic, simulated |
| Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 51-9192 | 70 | \$14.98 | \$15.52 | \$18.36 | \$18.04 | \$20.45 | \$21.17 | \$31,148 | \$32,276 | \$38,193 | \$37,531 | \$42,538 | \$44,028 | Operate or tend machines to wash or clean products, such as barrels or kegs, glass items, tin plate, food, pulp, coal, plastic, or rubber, to remove impurities. |
| Etchers and Engravers | 51-9194 | 50 | \$16.66 | \$18.53 | \$20.81 | \$22.02 | \$25.86 | \$29.01 | \$34,645 | \$38,545 | \$43,303 | \$45,807 | \$53,793 | \$60,341 | Engrave or etch metal, wood, rubber, or other materials. Includes such workers as etcher-circuit processors, pantograph engravers, and silk screen etchers. Photoengravers are included in â€œPrepress Technicians and Workersâ€国51-5111). |
| Molders, Shapers, and Casters, Except Metal and Plastic | 51-9195 | 10 | \$20.19 | \$22.28 | \$23.52 | \$22.98 | \$24.40 | \$24.57 | \$42,000 | \$46,345 | \$48,931 | \$47,793 | \$50,762 | \$51,103 | Mold, shape, form, cast, or carve products such as food products, figurines, tile, pipes, and candles consisting of clay, glass, plaster, concrete, stone, or combinations of materials. |
| Paper Goods Machine Setters, Operators, and Tenders | 51-9196 | 90 | \$16.98 | \$17.58 | \$20.95 | \$20.70 | \$23.10 | \$23.75 | \$35,317 | \$36,548 | \$43,583 | \$43,066 | \$48,041 | \$49,407 | Set up, operate, or tend paper goods machines that perform a variety of functions, such as converting, sawing, corrugating, banding, wrapping, boxing, stitching, forming, or sealing paper or paperboard sheets into products. |
| Tire Builders | 51-9197 | 30 | \$18.05 | \$18.41 | \$18.88 | \$20.12 | \$22.46 | \$23.58 | \$37,552 | \$38,307 | \$39,269 | \$41,855 | \$46,728 | \$49,034 | Operate machines to build tires. |
| Aircraft Cargo Handling Supervisors | 53-1041 | 20 | \$24.50 | \$25.33 | \$28.32 | \$32.12 | \$40.66 | \$42.25 | \$50,962 | \$52,677 | \$58,903 | \$66,812 | \$84,556 | \$87,873 | Supervise and coordinate the activities of ground crew in the loading, unloading, securing, and staging of aircraft cargo or baggage. May determine the quantity and orientation of cargo and compute aircraft center of gravity. May accompany aircraft as me |
| First-Line Supervisors of Transportation and Material-Moving Workers, Except Aircraft Cargo Handling Supervisors | 53-1047 | 1,130 | \$22.92 | \$25.52 | \$31.60 | \$32.83 | \$38.54 | \$43.68 | \$47,666 | \$53,065 | \$65,724 | \$68,298 | \$80,162 | \$90,854 |  |
| Commercial Pilots | 53-2012 | 300 |  |  |  |  |  |  | \$51,684 | \$61,685 | \$69,574 | \$80,821 | \$97,895 | \$113,777 | Pilot and navigate the flight of fixed-wing aircraft on nonscheduled air carrier routes, or helicopters. Requires Commercial Pilot certificate. Includes charter pilots with similar certification, and air ambulance and air tour pilots. Excludes regional, |
| Air Traffic Controllers | 53-2021 | 50 | \$38.61 | \$42.51 | \$46.69 | \$47.30 | \$51.14 | \$57.51 | \$80,298 | \$88,406 | \$97,121 | \$98,387 | \$106,370 | \$119,625 | Control air traffic on and within vicinity of airport, and movement of air traffic between altitude sectors and control centers, according to established procedures and policies. Authorize, regulate, and control commercial airline flights according to go |
| Airfield Operations Specialists | 53-2022 | 150 | \$16.97 | \$19.09 | \$19.71 | \$22.70 | \$25.28 | \$31.39 | \$35,289 | \$39,704 | \$41,002 | \$47,216 | \$52,562 | \$65,284 | Ensure the safe takeoff and landing of commercial and military aircraft. Duties include coordination between air-traffic control and maintenance personnel, dispatching, using airfield landing and navigational aids, implementing airfield safety procedures |
| Ambulance Drivers and Attendants, Except Emergency Medical Technicians | 53-3011 | 120 | \$14.65 | \$14.65 | \$14.65 | \$15.79 | \$16.39 | \$16.97 | \$30,466 | \$30,466 | \$30,466 | \$32,841 | \$34,107 | \$35,289 | Drive ambulance or assist ambulance driver in transporting sick, injured, or convalescent persons. Assist in lifting patients. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Driver/Sales Workers | 53-3031 | 1,380 | \$11.75 | \$12.88 | \$19.44 | \$21.80 | \$26.54 | \$38.61 | \$24,429 | \$26,794 | \$40,437 | \$45,354 | \$55,209 | \$80,287 | Drive truck or other vehicle over established routes or within an established territory and sell or deliver goods, such as food products, including restaurant take-out items, or pick up or deliver items such as commercial laundry. May also take orders, c |
| Heavy and Tractor-Trailer Truck Drivers | 53-3032 | 5,770 | \$21.12 | \$23.71 | \$27.62 | \$28.53 | \$31.17 | \$40.24 | \$43,931 | \$49,309 | \$57,438 | \$59,331 | \$64,835 | \$83,688 | Drive a tractor-trailer combination or a truck with a capacity of at least 26,001 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial driversâ $\epsilon^{\text {TM }}$ license. Includes tow truck drivers. Excludes â€œRefuse and Recyclable Ma |
| Light Truck Drivers | 53-3033 | 4,150 | \$13.88 | \$17.06 | \$20.36 | \$22.04 | \$24.73 | \$29.84 | \$28,886 | \$35,498 | \$42,351 | \$45,856 | \$51,443 | \$62,052 | Drive a light vehicle, such as a truck or van, with a capacity of less than 26,001 pounds Gross Vehicle Weight (GVW), primarily to pick up merchandise or packages from a distribution center and deliver. May load and unload vehicle. Excludes â€œCouriers a |
| Bus Drivers, School | 53-3051 | 1,280 | \$15.29 | \$17.72 | \$19.13 | \$19.64 | \$21.18 | \$23.72 | \$31,805 | \$36,869 | \$39,788 | \$40,845 | \$44,036 | \$49,319 | Drive a school bus to transport students. Ensure adherence to safety rules. May assist students in boarding or exiting. |
| Bus Drivers, Transit and Intercity | 53-3052 | 330 | \$15.14 | \$17.93 | \$20.38 | \$20.54 | \$23.74 | \$25.76 | \$31,502 | \$37,308 | \$42,404 | \$42,728 | \$49,361 | \$53,577 | Drive bus or motor coach, including regular route operations, charters, and private carriage. May assist passengers with baggage. May collect fares or tickets. |
| Shuttle Drivers and Chauffeurs | 53-3053 | 560 | \$14.38 | \$15.30 | \$16.81 | \$17.55 | \$19.02 | \$25.25 | \$29,901 | \$31,805 | \$34,975 | \$36,492 | \$39,558 | \$52,510 | Drive a motor vehicle to transport passengers on a planned or scheduled basis. May collect a fare. Includes nonemergency medical transporters and hearse drivers. Excludes â€œAmbulance Drivers and Attendants, Except Emergency Medical Techniciansấ国53-30 |
| Taxi Drivers | 53-3054 | 50 | \$13.23 | \$13.34 | \$13.52 | \$15.64 | \$18.62 | \$20.07 | \$27,537 | \$27,746 | \$28,112 | \$32,527 | \$38,731 | \$41,744 | Drive a motor vehicle to transport passengers on an unplanned basis and charge a fare, usually based on a meter. Excludes â€œShuttle Drivers and Chauffeursâ€ n $^{53-3053 \text { ). }}$ |
| Motor Vehicle Operators, All Other | 53-3099 | 80 | \$22.38 | \$23.83 | \$25.06 | \$24.97 | \$25.90 | \$27.81 | \$46,547 | \$49,570 | \$52,123 | \$51,935 | \$53,881 | \$57,846 | All motor vehicle operators not listed separately. |
| Locomotive Engineers | 53-4011 | 130 | \$32.49 | \$32.49 | \$32.49 | \$33.82 | \$32.81 | \$39.65 | \$67,576 | \$67,576 | \$67,576 | \$70,348 | \$68,245 | \$82,464 | Drive electric, diesel-electric, steam, or gas-turbine-electric locomotives to transport passengers or freight. Interpret train orders, electronic or manual signals, and railroad rules and regulations. Excludes â€œEngineersâ€国17-2011 through 17-2199). |
| Railroad Brake, Signal, and Switch Operators and Locomotive Firers | 53-4022 | 10 | \$27.72 | \$27.74 | \$38.39 | \$35.68 | \$38.40 | \$38.40 | \$57,668 | \$57,699 | \$79,848 | \$74,209 | \$79,858 | \$79,858 | Operate or monitor railroad track switches or locomotive instruments. May couple or uncouple rolling stock to make up or break up trains. Watch for and relay traffic signals. May inspect couplings, air hoses, journal boxes, and hand brakes. May watch for |
| Railroad Conductors and Yardmasters | 53-4031 | 90 | \$15.70 | \$29.75 | \$29.75 | \$28.83 | \$29.87 | \$38.22 | \$32,653 | \$61,884 | \$61,884 | \$59,970 | \$62,135 | \$79,492 | Coordinate activities of switch-engine crew within railroad yard, industrial plant, or similar location. Conductors coordinate activities of train crew on passenger or freight trains. Yardmasters review train schedules and switching orders and coordinate |
| Parking Attendants | 53-6021 | 130 | \$13.23 | \$14.18 | \$14.18 | \$15.25 | \$15.19 | \$18.77 | \$27,537 | \$29,483 | \$29,483 | \$31,732 | \$31,596 | \$39,045 | Park vehicles or issue tickets for customers in a parking lot or garage. May park or tend vehicles in environments such as a car dealership or rental car facility. May collect fee. |
| Automotive and Watercraft Service Attendants | 53-6031 | 560 | \$14.05 | \$14.81 | \$16.85 | \$17.08 | \$19.15 | \$20.90 | \$29,211 | \$30,822 | \$35,049 | \$35,540 | \$39,819 | \$43,471 | Service automobiles, buses, trucks, boats, and other automotive or marine vehicles with fuel, lubricants, and accessories. Collect payment for services and supplies. May lubricate vehicle, change motor oil, refill antifreeze, or replace lights or other a |
| Aircraft Service Attendants | 53-6032 | 60 | \$15.10 | \$16.80 | \$18.10 | \$19.66 | \$21.46 | \$24.50 | \$31,387 | \$34,944 | \$37,643 | \$40,897 | \$44,642 | \$50,972 | Service aircraft with fuel. May de-ice aircraft, refill water and cooling agents, empty sewage tanks, service air and oxygen systems, or clean and polish exterior. |
| Traffic Technicians | 53-6041 | 10 | \$20.19 | \$25.86 | \$34.23 | \$30.58 | \$34.23 | \$35.72 | \$41,996 | \$53,786 | \$71,206 | \$63,611 | \$71,206 | \$74,292 | Conduct field studies to determine traffic volume, speed, effectiveness of signals, adequacy of lighting, and other factors influencing traffic conditions, under direction of traffic engineer. |


| Occupation | $\begin{aligned} & \text { soc* } \\ & \text { Code } \end{aligned}$ | Worker Level | Hourly Wage Rates |  |  |  |  |  | Annual Wage Rates |  |  |  |  |  | SOC* Occupational Description |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% | 10th \% | 25th \% | Median | Mean | 75th \% | 90th \% |  |
| Transportation Inspectors | 53-6051 | 90 | \$21.38 | \$22.06 | \$37.16 | \$36.36 | \$40.90 | \$62.44 | \$44,486 | \$45,898 | \$77,295 | \$75,632 | \$85,069 | \$129,868 | Inspect equipment or goods in connection with the safe transport of cargo or people. Includes rail transportation inspectors, such as freight inspectors, rail inspectors, and other inspectors of transportation vehicles not elsewhere classified. Excludes |
| Conveyor Operators and Tenders | 53-7011 | 600 | \$16.20 | \$17.26 | \$19.39 | \$20.46 | \$23.55 | \$24.42 | \$33,688 | \$35,906 | \$40,311 | \$42,560 | \$48,984 | \$50,784 | Control or tend conveyors or conveyor systems that move materials or products to and from stockpiles, processing stations, departments, or vehicles. May control speed and routing of materials or products. |
| Crane and Tower Operators | 53-7021 | 80 | \$26.35 | \$32.01 | \$34.09 | \$36.87 | \$44.51 | \$49.58 | \$54,822 | \$66,582 | \$70,892 | \$76,688 | \$92,560 | \$103,116 | Operate mechanical boom and cable or tower and cable equipment to lift and move materials, machines, or products in many directions. |
| Industrial Truck and Tractor Operators | 53-7051 | 1,650 | \$17.78 | \$19.55 | \$22.37 | \$22.51 | \$24.73 | \$28.30 | \$36,963 | \$40,677 | \$46,515 | \$46,840 | \$51,432 | \$58,871 | Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location. Excludes â€œLogging Equipment Operatorsâ€ ${ }^{\text {I }} 45$-4022). |
| Cleaners of Vehicles and Equipment | 53-7061 | 1,490 | \$13.65 | \$14.40 | \$16.10 | \$16.68 | \$18.38 | \$20.42 | \$28,395 | \$29,953 | \$33,500 | \$34,682 | \$38,240 | \$42,466 | Wash or otherwise clean vehicles, machinery, and other equipment. Use such materials as water, cleaning agents, brushes, cloths, and hoses. Excludes â€œJanitors and Cleaners, Except Maids and Housekeeping Cleaners" (37-2011). |
| Laborers and Freight, Stock, and Material Movers, Hand | 53-7062 | 3,880 | \$14.44 | \$16.06 | \$17.86 | \$18.37 | \$20.10 | \$22.66 | \$30,027 | \$33,406 | \$37,151 | \$38,219 | \$41,807 | \$47,132 | Manually move freight, stock, luggage, or other materials, or perform other general labor. Includes all manual laborers not elsewhere classified. Excludes â€œConstruction Laborersâ€国47-2061) and â€œHelpers, Construction Tradesâ€国47-3011 through 47-30 |
| Machine Feeders and Offbearers | 53-7063 | 720 | \$16.32 | \$17.42 | \$18.50 | \$18.72 | \$20.57 | \$20.57 | \$33,940 | \$36,231 | \$38,459 | \$38,930 | \$42,780 | \$42,780 | Feed materials into or remove materials from machines or equipment that is automatic or tended by other workers. |
| Packers and Packagers, Hand | 53-7064 | 1,460 | \$11.64 | \$13.22 | \$14.67 | \$15.43 | \$16.95 | \$20.50 | \$24,220 | \$27,516 | \$30,497 | \$32,098 | \$35,258 | \$42,623 | Pack or package by hand a wide variety of products and materials. |
| Stockers and Order Fillers | 53-7065 | 10,540 | \$12.08 | \$14.64 | \$17.86 | \$17.51 | \$19.39 | \$22.60 | \$25,130 | \$30,445 | \$37,151 | \$36,419 | \$40,311 | \$47,007 | Receive, store, and issue merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customersấ ${ }^{\text {m }}$ orders. May operate power equipment to fill orders. May mark prices on merchandise and |
| Pump Operators, Except Wellhead Pumpers | 53-7072 |  | \$25.44 | \$28.57 | \$38.68 | \$37.11 | \$43.43 | \$44.94 | \$52,929 | \$59,426 | \$80,455 | \$77,180 | \$90,331 | \$93,470 | Tend, control, or operate power-driven, stationary, or portable pumps and manifold systems to transfer gases, oil, other liquids, slurries, or powdered materials to and from various vessels and processes. |
| Refuse and Recyclable Material Collectors | 53-7081 | 380 | \$12.81 | \$13.73 | \$15.76 | \$16.65 | \$18.65 | \$22.36 | \$26,637 | \$28,541 | \$32,768 | \$34,620 | \$38,794 | \$46,505 | Collect and dump refuse or recyclable materials from containers into truck. May drive truck. |

Notes:
To learn more about *SOC Codes and *SOC Occupational Descriptions, see *SOC - Standard Occupational Classification
For additional occupational description information, please check out the BLS website at https://www.bls.gov/oes/soc 2018.htm.
 than or equal to that wage. The median wage is the 50th percentile: $50 \%$ earn less than or equal to this amount; $50 \%$ earn more.
For more information on percentile wages, see technical notes.

 March of 2024 based on the Employer Cost Index (ECI).

