



Colorado

Occupational Employment Statistics (OES)



Wage Survey
May 2004

Released September 30, 2005



Colorado Occupational Employment Statistics (OES)

May 2004
Wage Survey

Released September 30, 2005



State of Colorado
Bill Owens, *Governor*



Colorado Department of Labor & Employment
Rick Grice, *Executive Director*

This publication is a product of the Colorado Department of Labor and Employment's Labor Market Information (LMI) Section, Alexandra E. Hall, Director. The data were generated and published in this report by the Colorado LMI's Occupational Employment Statistics (OES) Unit in cooperation with the Bureau of Labor Statistics, Dallas Regional Office. Program Manager for the Colorado OES Unit is Donald Pendroy. The Graphic Artist for this report is Martha Cooper.

Material in this publication is in the public domain and, with appropriate source credit, may be reproduced without permission. Please reference:

Source: Colorado Department of Labor and Employment, Labor Market Information.

Any comments, suggestions, and questions regarding content and format are welcome and may be addressed to:

Colorado Department of Labor & Employment—LMI/OES Unit

(303) 318-8879

633 17th St., Suite 600
Denver, CO 80202-3660

Email: oessurvey@state.co.us
www.coworkforce.com/lmi/oes/oesmain.asp

The Colorado Occupational Employment Statistics Staff:

**Don Pendroy
Wendy Covert
Kofi Kudoadzi
Barbara Wills
Martha Flesher
Claire Olekszyk
Veronica Kenkel**

A special *Thank You!* to all of the Colorado employers that provided OES data to us, and whose participation allowed this Colorado Wage Survey to be generated. The Colorado Wage Survey and our other LMI data are available free on our web site to all persons, provided as a public service for Colorado data users.

www.coworkforce.com/lmi

Table of Contents

Introduction	1
Survey Coverage and Scope	1
Uses of the OES Survey Data	2
How to Obtain more Data	2
Methodology	2
Definitions	6
May 2004 OES Data Map – Colorado	7
Table 1 – Top 20 Occupations by Employment	8
Table 2 – Top 20 Occupations by Average Annual Wage	9

Table 3a – Average Hourly Wages by Occupational Code.....10-27

Management	10	Protective Service	16
Business and Financial Operations	10	Food Preparation and Serving Related	17
Computer and Mathematical	11	Building and Grounds Cleaning and Maintenance	17
Architecture and Engineering	11	Personal Care and Service	18
Life, Physical, and Social Science	12	Sales and Related	18
Community and Social Services	13	Office and Administrative Support	19
Legal	13	Farming, Fishing, and Forestry	20
Education, Training, and Library	14	Construction and Extraction	21
Arts, Design, Entertainment, Sports, and Media	14	Installation, Maintenance, and Repair	22
Healthcare Practitioners and Technical	15	Production	23
Healthcare Support	16	Transportation and Material Moving.....	26

Table 3b – Average Annual Wages by Occupational Code28-46

Management	28	Protective Service	35
Business and Financial Operations	28	Food Preparation and Serving Related	36
Computer and Mathematical	29	Building and Grounds Cleaning and Maintenance	37
Architecture and Engineering	29	Personal Care and Service	37
Life, Physical, and Social Science	30	Sales and Related	38
Community and Social Services	31	Office and Administrative Support	38
Legal.....	32	Farming, Fishing, and Forestry	40
Education, Training, and Library	32	Construction and Extraction	40
Arts, Design, Entertainment, Sports, and Media	33	Installation, Maintenance, and Repair	41
Healthcare Practitioners and Technical	34	Production	43
Healthcare Support	35	Transportation and Material Moving.....	45

Table 4a – Hourly Wage Distribution by Occupational Code47-69

Management	47	Protective Service	55
Business and Financial Operations	48	Food Preparation and Serving Related	56
Computer and Mathematical	49	Building and Grounds Cleaning and Maintenance	57
Architecture and Engineering	49	Personal Care and Service	57
Life, Physical, and Social Science	50	Sales and Related	58
Community and Social Services	51	Office and Administrative Support	59
Legal	52	Farming, Fishing, and Forestry	61
Education, Training, and Library	52	Construction and Extraction	61
Arts, Design, Entertainment, Sports, and Media	52	Installation, Maintenance, and Repair	63
Healthcare Practitioners and Technical	54	Production	64
Healthcare Support	55	Transportation and Material Moving.....	68

Table 4b – Annual Wage Distribution by Occupational Code70-93

Management	70	Protective Service	80
Business and Financial Operations	71	Food Preparation and Serving Related	80
Computer and Mathematical	72	Building, Grounds Cleaning, and Maintenance	81
Architecture and Engineering	72	Personal Care and Service	81
Life, Physical, and Social Science	73	Sales and Related	82
Community and Social Services	74	Office and Administrative Support	83
Legal	75	Farming, Fishing, and Forestry	85
Education, Training, and Library	75	Construction and Extraction	85
Arts, Design, Entertainment, Sports, and Media	77	Installation, Maintenance, and Repair	87
Healthcare Practitioners and Technical	78	Production	89
Healthcare Support	79	Transportation and Material Moving.....	92

Introduction

The Occupational Employment Statistics (OES) program conducts a semi-annual mail survey designed to produce estimates of employment and wages for specific occupations. The OES program collects data on wage and salary workers in nonfarm establishments to produce employment and wage estimates. Data from self-employed persons are not collected and are not included in the estimates.

The OES program produces these occupational estimates by geographic area and industry. Estimates based on geographic areas are available at the state and Metropolitan Statistical Area (MSA) levels. The industry classifications correspond to the 3-, 4-, and 5-digit North American Industry Classification System (NAICS) industrial groups.

In Colorado, the OES program surveys approximately 3,800 establishments per panel (every six months). To reduce respondent burden for Colorado employers, the collection is on a three-year survey cycle that ensures most individual establishments are surveyed only once every three years. The estimates for occupations in non-farm establishments are based on OES data collected for the reference months of May and November.

The OES survey is a federal-state cooperative program between the Bureau of Labor Statistics (BLS) and State Workforce Agencies (SWAs). In Colorado, the survey is conducted by the OES Unit of the Colorado Department of Labor and Employment's Labor Market Information section. BLS provides the procedures and technical support, selects the sample, and produces the survey materials, while the OES Unit collects and edits the data. OES wage survey data are produced in all fifty states, plus the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.

Wage data for this publication are for May 2004. The OES survey began using NAICS in 2002, with data prior to 2002 based on the Standard Industrial Classification (SIC) system.

In 1999, the OES survey began using the new Office of Management and Budget (OMB) Standard Occupational Classification (SOC) system. The new SOC system, which will be used by all federal statistical agencies for reporting occupational data, consists of 821 detailed occupations, grouped into 449 broad occupations, 96 minor groups, and 23 major groups.

The OES program provides occupational employment and wage estimates at the major group and detailed occupation level. Due to the OES survey's transition to the new SOC system, 1999 and 2000 OES estimates are not directly comparable with previous years' OES estimates that were based on a classification system with 7 major occupational groups and 770 detailed

occupations. Approximately one-half of the detailed occupations were unchanged under the new SOC system, with the other half being new SOC occupations or occupations that are slightly different from similar occupations in the old OES classification system.

Prior to 1996, the OES program collected only occupational employment data for selected industries in each year of the three-year survey cycle, and produced only industry-specific estimates of occupational employment. The 1996 survey round was the first year the OES program began collecting occupational employment and wage data in every state. In addition, the program's three-year survey cycle was modified to collect data from all covered industries each year. 1997 is the earliest year available for which the OES program produced estimates of cross-industry as well as industry-specific occupational employment and wages.

May 2004 employment and wage estimates are based on data collected in the 2000, 2001, 2002, May 2003, November 2003, and May 2004 surveys. The 2001, 2002, May 2003, and November 2003 wage data have been adjusted to the May 2004 reference period by using the over-the-year wage changes in the most applicable national Employment Cost Index series. The May 2004 OES estimates are benchmarked to an average of the May 2004 and November 2003 reference periods.

Survey Coverage and Scope

The OES survey covers all full-time and part-time wage and salary workers in non-farm industries. Surveys collect data for the payroll period including the 12th day of May or November, depending upon the panel when surveyed. The survey does not cover the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.



Introduction—continued

The OES survey produces estimates of occupational employment and wages for most industry groups in these 20 NAICS sectors:

- Agriculture, Forestry, Fishing, and Hunting
- Mining
- Utilities
- Construction
- Manufacturing
- Wholesale Trade
- Retail Trade
- Transportation and Warehousing
- Information
- Finance and Insurance
- Real Estate and Rental and Leasing
- Professional, Scientific, and Technical Services
- Management of Companies and Enterprises
- Administrative and Support and Waste Management and Remediation Services
- Education Services
- Health Care and Social Assistance
- Arts, Entertainment, and Recreation
- Accommodation and Food Services
- Other Services (except Public Administration) and
- Public Administration.

Uses of the OES Survey Data

The OES employment and wage data are useful for a variety of purposes and by different groups. Requests for wage data come frequently from individuals who are considering a career change or re-evaluating their current career. Wage information is one of the most critical inputs workers seek when planning their careers.

OES wage data are also used by employers who are evaluating the wages paid in their own industry. For example, an employer experiencing a high rate of employee turnover can use occupational wage data to compare wages paid within their company to average market wages. An employer considering relocating to another state or area within their state can use the OES wage data to estimate the wage cost in the prospective location.

Other users of the OES wage survey include career counseling organizations, educational institutions, and policy makers. They can use the survey for:

- Analysis of occupational employment and wages
- Vocational counseling and planning
- Industry skill and technology studies
- Market analysis.

The occupational employment data derived from the OES survey are also key inputs needed to produce state and national occupational projections. Occupational staffing patterns obtained from the survey are used as a basis to estimate current and projected occupational demand in Colorado and other states.

Many useful rankings of occupational employment and wage data are available from data collected in the 2004 OES survey. Ranking of the top 20 occupations by estimated employment can be very useful as can rankings of the top 20 occupations ranked by average annual wage.

How to Obtain More Data

Data resulting from this survey are available in a wide variety of formats and for all fifty states. For wage data from various Metropolitan Statistical Areas (MSAs) and other areas within Colorado, visit:

<http://www.coworkforce.com/lmi/wages/wages.asp>

For national and other state data, visit:

<http://stats.bls.gov/oes/home.htm>

Methodology

Scope of the Survey

The nationwide response rate for the May 2004 survey was 78.8 percent for establishments, covering 72.7 percent of weighted employment. Colorado's response rate was 80.7 percent for establishments.

In November 2002, the OES survey changed from an annual survey to a semiannual survey. The OES survey samples and contacts establishments in May and November of each year, over three years. The full three-year sample allows the production of estimates at fine levels of geographic, industrial, and occupational detail. Note the 2001 sample is annual while all other panels are semiannual. The total national sample size is 1.2 million establishments.

The Standard Occupational Classification system:

In 1999, the OES survey began using the Office of Management and Budget's (OMB) occupational classification system, the Standard Occupational Classification (SOC) system. The SOC

Methodology—continued

system is the first OMB-required occupational classification system for federal agencies. The OES survey categorizes a worker in one of the 821 detailed occupations. Together, these detailed occupations comprise 23 major occupational groups. The major groups are:

- Management Occupations
- Business and Financial Operations Occupations
- Computer and Mathematical Science Occupations
- Architecture and Engineering Occupations
- Life, Physical, and Social Science Occupations
- Community and Social Services Occupations
- Legal Occupations
- Education, Training, and Library Occupations
- Arts, Design, Entertainment, Sports, and Media Occupations
- Healthcare Practitioner and Technical Occupations
- Healthcare Support Occupations
- Protective Service Occupations
- Food Preparation and Serving Related Occupations
- Building and Grounds Cleaning and Maintenance Occupations
- Personal Care and Service Occupations
- Sales and Related Occupations
- Office and Administrative Support Occupations
- Farming, Fishing, and Forestry Occupations
- Construction and Extraction Occupations
- Installation, Maintenance, and Repair Occupations
- Production Occupations
- Transportation and Material Moving Occupations
- Military Specific Occupations (not surveyed in OES).

For more information about the SOC, please see the BLS Web site at <http://www.bls.gov/soc>.

The industry coding system: As noted earlier, in 2002, the OES survey switched from using the Standard Industrial Classification (SIC) system to using the North American Industry Classification System (NAICS). For more information about NAICS, see the BLS Web site at <http://www.bls.gov/bls/naics.htm>.

The OES survey includes establishments in NAICS sectors 11 (logging and agricultural support activities only), 21, 22, 23, 31-33, 42, 44-45, 48-49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81 (except private households), state government, and local government. Data for the U.S. Postal Service and the federal government are universe counts obtained from the Postal Service and the Office of Personnel Management, respectively. An establishment is defined as an economic unit that processes goods or provides services, such as a factory, mine, or store.

The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

Survey coverage: BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies collect most of the data. BLS produces cross-industry NAICS estimates for the nation, states, and MSAs. NAICS estimates are produced for 3-, 4-, and selected 5-digit industry levels. BLS releases all cross-industry and national estimates and the SWAs release industry estimates at the state and MSA levels.

State Unemployment Insurance (UI) files provide the universe from which the OES survey selects its sample. The employment benchmarks are obtained from reports submitted by employers to the UI program. Supplemental sources are used for rail transportation (NAICS 4821). The OES survey sample is stratified by area, industry, and size class. Size classes are defined in the table at left.

Size Class	Number of Employees
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with virtual certainty across a 3-year period. Generally, one-sixth of the certainty units are sampled in each panel in each state.

Concepts

Occupational employment: This is the estimate of total wage and salary employment in an occupation across the industries in which that occupation was reported. The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees, including workers on paid vacations or other types of leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck.

The OES survey form sent to an establishment contains between 50 and 225 SOC occupations selected on the basis of the sampled establishment's industry classification and size class. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected primarily from establishments in industries

that are the predominant employers of workers in those occupations. Each survey form is structured, however, to allow a respondent to provide detailed occupational information for each worker at the establishment; that is, unlisted occupations can be added to the survey form.

Wages for the OES survey are straight-time gross pay, exclusive of premium pay. Base rate, cost-of-living allowances, guaranteed pay, hazardous-duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay are included. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost for supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation for each wage range. The wage intervals used for the May 2004 survey are:

Interval	Hourly Wages	Annual Wages
Range A	Under \$6.75	Under \$14,040
Range B	\$6.75 to \$8.49	\$14,040 to \$17,679
Range C	\$8.50 to \$10.74	\$17,680 to \$22,359
Range D	\$10.75 to \$13.49	\$22,360 to \$28,079
Range E	\$13.50 to \$16.99	\$28,080 to \$35,359
Range F	\$17.00 to \$21.49	\$35,360 to \$44,719
Range G	\$21.50 to \$27.24	\$44,720 to \$56,679
Range H	\$27.25 to \$34.49	\$56,680 to \$71,759
Range I	\$34.50 to \$43.74	\$71,760 to \$90,999
Range J	\$43.75 to \$55.49	\$91,000 to \$115,439
Range K	\$55.50 to \$69.99	\$115,440 to \$145,599
Range L	\$70.00 and over	\$145,600 and over

Mean hourly wage: The mean hourly wage rate for an occupation is the total wages all workers in the occupation earn in an hour divided by the total employment of the occupation. To calculate the mean hourly wage of each occupation, total weighted hourly wages are summed across all intervals and divided by the occupation's weighted survey employment.

The mean wage for each interval is based on occupational wage data collected by the BLS Office of Compensation and Working Conditions for the National Compensation Survey (NCS).

The mean hourly wage value for the highest wage interval, \$70.00 and over, was computed separately for each panel or annual sample (May 2004, November 2003, May 2003, November 2002, and 2001). The average of these mean wage rates was derived and used for all of the \$70.00 and over data in the May 2004 survey. The wage rates for this interval do not go through any wage updating procedures.

Percentile wage: The p-th percentile wage range for an occupation is the wage where p percent of all workers earn that amount or less and where (100-p) percent of all workers earn that amount or more. This statistic is calculated by uniformly distributing the workers inside each wage interval, ranking the workers from lowest paid to highest paid, and calculating the product of the total employment for the occupation and the desired percentile to determine the worker that earns the p-th percentile wage rate.

Annual wage: Many employees are paid at an hourly rate by their employers and may work more than or less than 40 hours per week. Annual wage estimates for most occupations in this release are calculated by multiplying the mean hourly wage by a "year-round, full-time" figure of 2,080 hours (52 weeks by 40 hours). Thus, annual wage estimates may not represent the actual annual pay received by the employee if they work more or less than 2,080 hours per year. Some workers typically work less than full-time, year-round. For these occupations, the OES survey collects and reports either the annual salary or the hourly wage rate, depending on how the occupation is typically paid, but not both. For example, teachers, flight attendants, and pilots may be paid an annual salary, but do not work the usual 2080 hours per year. In this case, an annual salary is reported. Other workers, such as entertainment workers are paid hourly rates but generally do not work full-time, year-round. For these occupations, only an hourly wage is reported.

Hourly versus annual wage reporting: For each occupation, respondents are asked to report the number of employees paid within specific wage intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours. The responding establishment can reference either the hourly or the annual rate, but employers are requested to report the hourly rate for part-time workers.

Methodology—continued

Estimation Methodology

Each OES panel includes approximately 200,000 establishments nationwide. While estimates can be made with data from one panel or one year, the OES survey is designed to produce estimates using six panels (three years) of data. The full six-panel sample of 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupations. Combining six panels of data is also necessary to obtain the full complement of certainty establishments. The Colorado sample is approximately 3,800 establishments each panel.

Producing estimates using the 3 years of sample data provides significant sampling error reductions (particularly for small geographic areas and occupations); however, it also has some quality limitations in that it requires the adjustment of earlier years' data to the current reference period, a procedure referred to as "wage updating."

Wage Updating: As noted above, combining multiple years of data has both statistical advantages and limitations. Significant reductions in sampling error are achieved by combining six panels of data, particularly for small geographic areas and occupations. Wages for the current panel need no adjustments. However, wages in the five previous panels need to be updated to the current panel's reference period.

The OES program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division. The procedure assumes there are no major differences by geography, industry, or detailed occupation within the occupational division.

Imputation: A "nearest neighbor" hot deck imputation procedure is sometimes required to impute occupational employment totals. A variant of mean imputation is then used to impute a wage distribution for each occupation. The variant of mean imputation for wage distribution is also applied to establishments that provide reports with occupational totals but partial or missing wage data.

Weighting and benchmarking: The sample establishments in each panel are weighted to represent all establishments that were part of the sampling frame from which the panel was selected. Based on the sampled establishments, weights are adjusted when six panels are combined. Weights are adjusted by benchmarking employment totals from the OES survey to employment figures derived from the BLS Quarterly Census of Employment and Wages.

May 2004 OES survey estimates: During the estimates processing, OES employment data were benchmarked to the average employment for May 2004 and November 2003 from the BLS Quarterly Census of Employment and Wages.

Reliability of the estimates: Estimates calculated from a sample survey are subject to two types of error: sampling and non-sampling. Sampling error occurs when estimates are calculated from a subset (i.e., sample) of the population instead of the full population. When a sample of the population is surveyed, there is a chance that the sample estimate of the characteristic of interest may differ from the population value of that characteristic.

Differences between the sample estimate and the population value will vary depending on the sample selected. This variability can be estimated by calculating the standard error (SE) of the sample estimate. If we were to repeat the sampling and estimation process countless times using the same survey design, approximately 90 percent of the intervals created by adding and subtracting 1.645 SEs from the sample estimate would include the population value. These intervals are called 90-percent confidence intervals.

The OES survey, however, usually uses the relative standard error (RSE) of a sample estimate instead of its SE to measure sampling error. RSE is defined as the SE of a sample estimate divided by the sample estimate itself. This statistic provides the user with a measure of the relative precision of the sample estimate. RSEs are calculated for both occupational employment and mean wage rate estimates. Occupational employment RSEs are calculated using a sub-sample, random group replication technique called the Jackknife. Mean wage rate RSEs are calculated using a variance components model that accounts for both the observed and unobserved components of the wage data. The variances of the unobserved components are estimated using wage data from the BLS National Compensation Survey.

In general, estimates based on many establishments have lower RSEs than estimates based on few establishments. If the distributional assumptions of the models are violated, the resulting confidence intervals may not reflect the prescribed level of confidence.

Non-sampling error: This occurs for a variety of reasons, none of which are directly connected to sampling. Examples of non-sampling error include: non-response, data incorrectly reported by the respondent, mistakes made in entering collected data into the database, and mistakes made in editing and processing the collected data.

Definitions

Establishment

The physical location of a certain economic activity, for example, a factory, mine, store, or office. Generally a single establishment produces a single good or provides a single service. An enterprise (a private firm, government, or non-profit organization) could consist of a single establishment or multiple establishments. A multi-establishment enterprise could have all its establishments in one industry (i.e., a chain), or could have various establishments in different industries (i.e., a conglomerate).

Estimate of Employment

The estimated employment for an occupation across all industries within the state. These estimates were obtained by summing employment in each wage interval across all industries. A further adjustment was made in order to match the estimated occupational employment within each industry and MSA to the universe employment (obtained from Unemployment Insurance tax files) in the industry and MSA.

Mean Wage

An average wage. An occupational mean wage estimate is calculated by summing the wages of all the employees in a given occupation and then dividing the total wages by the number of employees.

Median Wage

A boundary. An occupational median wage estimate is the boundary between the highest paid 50% and the lowest paid 50% of workers in that occupation. Half of the workers in a given occupation earn more than the median wage and half the workers earn less than the median wage.

Mid-Range

The middle fifty percent of the wage observations in a wage distribution. Another way to interpret a mid-range is to observe that 25 percent of workers in the occupation are paid less than the lower boundary of the mid-range, and 25 percent of workers are paid more than the upper boundary. The mid-range is the range between the twenty-fifth and seventy-fifth percentiles.

Occupation

A set of activities or tasks employees are paid to perform. Employees that perform essentially the same tasks are in the same occupation, whether or not they are in the same industry. Some occupations are concentrated in a few particular industries, other occupations are found in the majority of industries.

Standard Occupational Classification (SOC) System

This system will be used by all federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into one of 821 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 broad occupations. Each broad occupation includes detailed occupation(s) requiring similar job duties, skills, education, or experience.

Wages and Salaries

Hourly straight-time wage rate or, for workers not paid on an hourly basis, straight-time earnings divided by the corresponding hours. Straight-time wage and salary rates are total earnings before payroll deductions, excluding premium pay for overtime and for work on weekends and holidays, shift differentials, and non-production bonuses such as lump-sum payments provided in lieu of wage increases.



Table 1—Top 20 Occupations by Employment

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
41-2031	Retail salespersons	78,390	\$11.65	\$9.69
43-9061	Office clerks, general	56,000	\$12.77	\$12.49
41-2011	Cashiers	52,260	\$9.50	\$8.68
35-3031	Waiters and waitresses	44,690	\$8.05	\$6.74
35-3021	Combined food preparation and serving workers, including fast food	41,090	\$7.84	\$7.71
43-4051	Customer service representatives	36,670	\$13.95	\$13.21
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	34,360	\$9.90	\$9.23
43-3031	Bookkeeping, accounting, and auditing clerks	31,600	\$15.21	\$14.99
11-1021	General and operations managers	31,350	\$47.50	\$41.06
53-7062	Laborers and freight, stock, and material movers, hand	29,730	\$11.03	\$10.57
29-1111	Registered nurses	29,710	\$25.88	\$25.60
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	27,510	\$26.47	\$23.07
43-1011	First-line supervisors/managers of office and administrative support workers	22,840	\$22.71	\$21.53
25-2021	Elementary school teachers, except special education	22,250	\$42,740	\$40,620
53-3032	Truck drivers, heavy and tractor-trailer	21,370	\$16.82	\$16.44
13-2011	Accountants and auditors	20,480	\$28.03	\$24.80
43-6014	Secretaries, except legal, medical, and executive	20,480	\$14.11	\$13.91
43-5081	Stock clerks and order fillers	20,230	\$11.42	\$10.65
43-6011	Executive secretaries and administrative assistants	19,850	\$19.02	\$18.48
13-1199	Business operations specialists, all other	19,610	\$29.65	\$27.53

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment

Table 2—Top 20 Occupations by Average Annual Wage

SOC Code	Occupational Title	Employment Estimates	Average Hourly Wage	Average Annual Wage
29-1067	Surgeons	2,060	\$94.26	\$196,050
29-1061	Anesthesiologists	*	\$93.10	\$193,650
29-1064	Obstetricians and gynecologists	530	\$88.38	\$183,820
29-1066	Psychiatrists	180	\$76.82	\$159,790
11-1011	Chief executives	2,250	\$76.23	\$158,550
29-1021	Dentists, general	*	\$75.70	\$157,460
27-2021	Athletes and sports competitors	400	*	\$154,020
29-1063	Internists, general	*	\$72.48	\$150,750
29-1065	Pediatricians, general	160	\$67.21	\$139,810
29-1069	Physicians and surgeons, all other	1,630	\$66.59	\$138,510
29-1081	Podiatrists	*	\$62.57	\$130,150
29-1022	Oral and maxillofacial surgeons	*	\$61.33	\$127,570
29-1062	Family and general practitioners	880	\$57.89	\$120,410
11-9041	Engineering managers	*	\$51.68	\$107,490
11-3021	Computer and information systems managers	4,900	\$50.71	\$105,480
53-2021	Air traffic controllers	650	\$50.28	\$104,580
19-3032	Industrial-organizational psychologists	*	\$49.96	\$103,920
25-1112	Law teachers, postsecondary	*	*	\$100,780
11-1021	General and operations managers	31,350	\$47.50	\$98,810
17-2061	Computer hardware engineers	2,300	\$47.25	\$98,280

* No data available

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment

Table 3a—Average Hourly Wages by Occupational Code

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Management				
11-1011	Chief executives	2,250	\$76.23	*
11-1021	General and operations managers	31,350	\$47.50	\$41.06
11-2011	Advertising and promotions managers	1,270	\$32.07	\$28.00
11-2021	Marketing managers	3,650	\$42.96	\$37.87
11-2022	Sales managers	5,450	\$46.27	\$41.49
11-2031	Public relations managers	940	\$38.16	\$35.16
11-3011	Administrative services managers	3,770	\$33.19	\$31.11
11-3021	Computer and information systems managers	4,900	\$50.71	\$49.31
11-3031	Financial managers	7,290	\$47.10	\$42.12
11-3041	Compensation and benefits managers	660	\$34.20	\$30.68
11-3042	Training and development managers	540	\$38.15	\$33.94
11-3049	Human resources managers, all other	1,010	\$42.93	\$41.20
11-3051	Industrial production managers	1,620	\$39.23	\$35.76
11-3061	Purchasing managers	990	\$41.61	\$39.15
11-3071	Transportation, storage, and distribution managers	1,320	\$33.65	\$31.93
11-9011	Farm, ranch, and other agricultural managers	100	\$27.52	\$25.55
11-9021	Construction managers	4,930	\$36.98	\$33.53
11-9031	Education administrators, preschool and child care center/program	850	\$16.68	\$14.63
11-9033	Education administrators, postsecondary	1,230	\$35.37	\$31.61
11-9039	Education administrators, all other	*	\$29.79	\$29.27
11-9041	Engineering managers	*	\$51.68	\$48.14
11-9051	Food service managers	2,450	\$26.28	\$22.15
11-9061	Funeral directors	180	\$17.82	\$16.84
11-9071	Gaming managers	90	\$23.58	\$21.31
11-9081	Lodging managers	790	\$23.33	\$17.69
11-9111	Medical and health services managers	3,100	\$35.36	\$32.74
11-9121	Natural sciences managers	1,150	\$44.04	\$43.12
11-9131	Postmasters and mail superintendents	380	\$23.87	\$23.60
11-9141	Property, real estate, and community association managers	5,020	\$24.98	\$19.98
11-9151	Social and community service managers	1,630	\$24.36	\$22.20
11-9199	Managers, all other	6,410	\$42.14	\$40.69
Business and Financial Operations				
13-1011	Agents and business managers of artists, performers, and athletes	250	\$37.46	\$29.64
13-1021	Purchasing agents and buyers, farm products	140	\$21.62	\$20.00
13-1022	Wholesale and retail buyers, except farm products	2,380	\$20.52	\$17.98
13-1023	Purchasing agents, except wholesale, retail, and farm products	5,150	\$24.86	\$23.92
13-1031	Claims adjusters, examiners, and investigators	4,150	\$27.00	\$23.90
13-1032	Insurance appraisers, auto damage	120	\$24.86	\$25.43
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	2,890	\$26.99	\$26.28

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
13-1051	Cost estimators	4,120	\$25.72	\$24.22
13-1061	Emergency management specialists	*	\$34.56	\$31.58
13-1071	Employment, recruitment, and placement specialists	2,680	\$23.94	\$20.57
13-1072	Compensation, benefits, and job analysis specialists	1,740	\$25.07	\$23.54
13-1073	Training and development specialists	4,300	\$23.10	\$21.92
13-1079	Human resources, training, and labor relations specialists, all other	2,210	\$26.40	\$25.13
13-1081	Logisticians	1,430	\$31.64	\$30.27
13-1111	Management analysts	6,150	\$36.04	\$31.51
13-1121	Meeting and convention planners	970	\$20.11	\$19.11
13-1199	Business operations specialists, all other	19,610	\$29.65	\$27.53
13-2011	Accountants and auditors	20,480	\$28.03	\$24.80
13-2021	Appraisers and assessors of real estate	1,730	\$29.77	\$24.67
13-2031	Budget analysts	920	\$29.11	\$28.36
13-2041	Credit analysts	1,090	\$26.54	\$25.00
13-2051	Financial analysts	3,120	\$33.60	\$28.53
13-2052	Personal financial advisors	1,040	\$30.73	\$23.88
13-2053	Insurance underwriters	1,190	\$30.61	\$27.11
13-2061	Financial examiners	290	\$33.65	\$32.89
13-2071	Loan counselors	1,210	\$18.52	\$16.61
13-2072	Loan officers	6,830	\$29.71	\$25.15
13-2081	Tax examiners, collectors, and revenue agents	850	\$27.00	\$25.14
13-2082	Tax preparers	580	\$18.77	\$19.22
13-2099	Financial specialists, all other	2,380	\$29.81	\$27.04
Computer and Mathematical				
15-1011	Computer and information scientists, research	380	\$41.11	\$41.55
15-1021	Computer programmers	7,270	\$32.97	\$31.39
15-1031	Computer software engineers, applications	14,760	\$38.91	\$37.65
15-1032	Computer software engineers, systems software	11,210	\$39.28	\$39.38
15-1041	Computer support specialists	12,370	\$22.79	\$21.29
15-1051	Computer systems analysts	12,920	\$34.63	\$34.58
15-1061	Database administrators	2,650	\$30.65	\$28.87
15-1071	Network and computer systems administrators	5,580	\$31.18	\$29.78
15-1081	Network systems and data communications analysts	4,380	\$31.06	\$30.46
15-1099	Computer specialists, all other	3,420	\$32.52	\$31.15
15-2011	Actuaries	140	\$40.24	\$39.65
15-2021	Mathematicians	40	\$37.79	\$40.07
15-2031	Operations research analysts	930	\$31.88	\$30.60
15-2041	Statisticians	310	\$30.82	\$27.97
Architecture and Engineering				
17-1011	Architects, except landscape and naval	2,680	\$28.52	\$25.65
17-1012	Landscape architects	910	\$26.19	\$24.85
17-1021	Cartographers and photogrammetrists	530	\$26.94	\$26.24

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
17-1022	Surveyors	1,650	\$22.01	\$21.11
17-2011	Aerospace engineers	1,730	\$37.25	\$37.51
17-2021	Agricultural engineers	50	\$29.56	\$28.81
17-2031	Biomedical engineers	120	\$32.11	\$31.61
17-2041	Chemical engineers	380	\$40.11	\$39.03
17-2051	Civil engineers	6,980	\$31.22	\$29.62
17-2061	Computer hardware engineers	2,300	\$47.25	\$46.40
17-2071	Electrical engineers	3,510	\$36.19	\$34.75
17-2072	Electronics engineers, except computer	5,090	\$39.06	\$37.23
17-2081	Environmental engineers	1,050	\$34.47	\$34.73
17-2111	Health and safety engineers, except mining safety engineers and inspectors	320	\$35.02	\$35.11
17-2112	Industrial engineers	3,130	\$35.76	\$34.69
17-2131	Materials engineers	330	\$35.49	\$34.31
17-2141	Mechanical engineers	4,730	\$33.95	\$32.71
17-2151	Mining and geological engineers, including mining safety engineers	250	\$37.89	\$34.91
17-2171	Petroleum engineers	490	\$44.77	\$44.37
17-2199	Engineers, all other	1,730	\$37.49	\$36.07
17-3011	Architectural and civil drafters	1,910	\$20.89	\$20.53
17-3012	Electrical and electronics drafters	660	\$23.29	\$21.91
17-3013	Mechanical drafters	1,010	\$20.29	\$18.48
17-3019	Drafters, all other	260	\$20.25	\$19.13
17-3021	Aerospace engineering and operations technicians	300	\$29.07	\$29.80
17-3022	Civil engineering technicians	1,680	\$19.11	\$19.00
17-3023	Electrical and electronic engineering technicians	3,170	\$21.79	\$22.40
17-3024	Electro-mechanical technicians	210	\$21.80	\$21.56
17-3025	Environmental engineering technicians	380	\$18.52	\$17.97
17-3026	Industrial engineering technicians	1,300	\$23.79	\$21.68
17-3027	Mechanical engineering technicians	660	\$22.44	\$23.06
17-3029	Engineering technicians, except drafters, all other	1,840	\$23.58	\$23.81
17-3031	Surveying and mapping technicians	1,250	\$18.69	\$18.92
Life, Physical, and Social Science				
19-1012	Food scientists and technologists	170	\$29.84	\$27.93
19-1013	Soil and plant scientists	190	\$29.04	\$27.86
19-1021	Biochemists and biophysicists	170	\$35.03	\$35.60
19-1022	Microbiologists	320	\$30.46	\$26.84
19-1023	Zoologists and wildlife biologists	500	\$28.24	\$26.76
19-1029	Biological scientists, all other	760	\$31.85	\$32.15
19-1031	Conservation scientists	430	\$26.26	\$25.77
19-1032	Foresters	210	\$27.29	\$25.78
19-1042	Medical scientists, except epidemiologists	750	\$31.00	\$25.75
19-2012	Physicists	660	\$39.33	\$39.20

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
19-2031	Chemists	1,420	\$32.06	\$30.70
19-2032	Materials scientists	*	\$41.99	\$42.76
19-2041	Environmental scientists and specialists, including health	1,360	\$28.56	\$27.51
19-2042	Geoscientists, except hydrologists and geographers	1,270	\$38.78	\$38.12
19-2043	Hydrologists	470	\$35.11	\$32.95
19-2099	Physical scientists, all other	1,150	\$32.50	\$31.67
19-3011	Economists	70	\$39.57	\$37.56
19-3021	Market research analysts	3,080	\$31.49	\$28.82
19-3022	Survey researchers	160	\$18.15	\$18.40
19-3031	Clinical, counseling, and school psychologists	1,650	\$27.98	\$26.12
19-3032	Industrial-organizational psychologists	*	\$49.96	\$49.69
19-3039	Psychologists, all other	270	\$23.55	\$21.76
19-3051	Urban and regional planners	970	\$26.28	\$25.77
19-3091	Anthropologists and archeologists	190	\$21.70	\$19.97
19-3099	Social scientists and related workers, all other	840	\$30.34	\$29.58
19-4011	Agricultural and food science technicians	110	\$15.82	\$14.79
19-4021	Biological technicians	1,650	\$17.18	\$16.19
19-4031	Chemical technicians	1,240	\$18.88	\$18.13
19-4041	Geological and petroleum technicians	400	\$24.44	\$24.07
19-4061	Social science research assistants	*	\$16.89	\$14.66
19-4091	Environmental science and protection technicians, including health	570	\$21.97	\$21.19
19-4092	Forensic science technicians	220	\$23.68	\$22.92
19-4099	Life, physical, and social science technicians, all other	1,180	\$20.98	\$20.31
Community and Social Services				
21-1011	Substance abuse and behavioral disorder counselors	1,810	\$14.79	\$13.61
21-1012	Educational, vocational, and school counselors	2,800	\$22.48	\$21.65
21-1014	Mental health counselors	2,300	\$16.74	\$15.49
21-1015	Rehabilitation counselors	1,200	\$15.17	\$13.14
21-1019	Counselors, all other	160	\$18.01	\$17.32
21-1021	Child, family, and school social workers	3,330	\$19.66	\$19.15
21-1022	Medical and public health social workers	1,330	\$19.76	\$19.47
21-1023	Mental health and substance abuse social workers	1,210	\$16.74	\$15.27
21-1029	Social workers, all other	1,210	\$16.60	\$15.92
21-1091	Health educators	1,010	\$21.10	\$20.01
21-1092	Probation officers and correctional treatment specialists	1,340	\$25.42	\$25.82
21-1093	Social and human service assistants	3,130	\$13.06	\$12.79
21-1099	Community and social service specialists, all other	1,980	\$16.28	\$15.32
21-2011	Clergy	410	\$19.20	\$17.73
21-2021	Directors, religious activities and education	140	\$18.07	\$18.22
Legal				
23-1011	Lawyers	7,830	\$46.24	\$41.98
23-1021	Administrative law judges, adjudicators, and hearing officers	170	\$45.96	\$40.30

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
23-1022	Arbitrators, mediators, and conciliators	140	\$23.91	\$20.32
23-1023	Judges, magistrate judges, and magistrates	200	\$43.56	\$41.40
23-2011	Paralegals and legal assistants	3,220	\$20.81	\$20.19
23-2091	Court reporters	*	\$26.86	\$23.22
23-2092	Law clerks	340	\$18.79	\$16.85
23-2093	Title examiners, abstractors, and searchers	610	\$18.61	\$17.38
23-2099	Legal support workers, all other	1,400	\$20.03	\$19.35
Education, Training, and Library				
25-1194	Vocational education teachers, postsecondary	2,120	\$23.65	\$20.55
25-1199	Postsecondary teachers, all other	4,650	\$19.45	\$13.51
25-2011	Preschool teachers, except special education	6,010	\$11.06	\$10.28
25-3011	Adult literacy, remedial education, and GED teachers and instructors	450	\$16.63	\$15.62
25-4011	Archivists	110	\$18.83	\$18.95
25-4012	Curators	190	\$23.95	\$23.51
25-4013	Museum technicians and conservators	160	\$15.78	\$14.75
25-4021	Librarians	2,130	\$23.64	\$23.27
25-4031	Library technicians	1,820	\$13.27	\$12.63
25-9011	Audio-visual collections specialists	50	\$16.36	\$15.49
25-9021	Farm and home management advisors	40	\$21.59	\$19.40
25-9031	Instructional coordinators	1,080	\$23.63	\$23.42
25-9099	Education, training, and library workers, all other	720	\$22.33	\$21.41
Arts, Design, Entertainment, Sports, and Media				
27-1011	Art directors	410	\$34.74	\$30.01
27-1013	Fine artists, including painters, sculptors, and illustrators	190	\$14.22	\$12.37
27-1014	Multi-media artists and animators	280	\$23.90	\$22.85
27-1019	Artists and related workers, all other	160	\$14.46	\$13.94
27-1021	Commercial and industrial designers	810	\$24.39	\$21.88
27-1022	Fashion designers	50	\$25.44	\$21.82
27-1023	Floral designers	1,380	\$11.16	\$10.73
27-1024	Graphic designers	2,800	\$19.30	\$18.43
27-1025	Interior designers	1,090	\$24.01	\$19.95
27-1026	Merchandise displayers and window trimmers	1,220	\$10.97	\$10.06
27-1027	Set and exhibit designers	80	\$20.41	\$17.48
27-1029	Designers, all other	190	\$20.63	\$20.34
27-2011	Actors	330	\$17.74	\$13.69
27-2012	Producers and directors	870	\$27.38	\$23.88
27-2031	Dancers	*	\$8.93	\$7.93
27-2032	Choreographers	80	\$18.78	\$16.97
27-2041	Music directors and composers	40	\$17.22	\$16.69
27-2042	Musicians and singers	*	\$21.82	\$19.98
27-2099	Entertainers and performers, sports and related workers, all other	130	\$20.94	\$17.32

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
27-3011	Radio and television announcers	750	\$16.70	\$12.57
27-3012	Public address system and other announcers	320	\$11.36	\$10.53
27-3021	Broadcast news analysts	110	\$24.77	\$19.99
27-3022	Reporters and correspondents	860	\$19.78	\$13.26
27-3031	Public relations specialists	3,470	\$24.06	\$21.35
27-3041	Editors	1,930	\$22.60	\$21.54
27-3042	Technical writers	1,470	\$28.14	\$26.83
27-3043	Writers and authors	660	\$25.27	\$21.82
27-3091	Interpreters and translators	910	\$27.48	\$25.13
27-3099	Media and communication workers, all other	450	\$21.46	\$19.36
27-4011	Audio and video equipment technicians	1,240	\$19.96	\$21.64
27-4012	Broadcast technicians	540	\$15.50	\$15.02
27-4014	Sound engineering technicians	170	\$18.26	\$16.98
27-4021	Photographers	950	\$16.11	\$12.95
27-4031	Camera operators, television, video, and motion picture	360	\$16.51	\$15.60
27-4032	Film and video editors	140	\$27.75	\$20.85
27-4099	Media and communication equipment workers, all other	550	\$20.42	\$17.30
Healthcare Practitioners and Technical				
29-1011	Chiropractors	*	\$31.56	\$28.43
29-1021	Dentists, general	*	\$75.70	*
29-1022	Oral and maxillofacial surgeons	*	\$61.33	\$65.76
29-1031	Dietitians and nutritionists	610	\$20.33	\$20.37
29-1041	Optometrists	310	\$41.35	\$41.04
29-1051	Pharmacists	3,340	\$41.50	\$41.29
29-1061	Anesthesiologists	*	\$93.10	*
29-1062	Family and general practitioners	880	\$57.89	\$52.26
29-1063	Internists, general	*	\$72.48	\$67.56
29-1064	Obstetricians and gynecologists	530	\$88.38	*
29-1065	Pediatricians, general	160	\$67.21	\$59.71
29-1066	Psychiatrists	180	\$76.82	*
29-1067	Surgeons	2,060	\$94.26	*
29-1069	Physicians and surgeons, all other	1,630	\$66.59	\$63.12
29-1071	Physician assistants	1,550	\$29.27	\$30.11
29-1081	Podiatrists	*	\$62.57	\$61.92
29-1111	Registered nurses	29,710	\$25.88	\$25.60
29-1121	Audiologists	220	\$23.86	\$23.74
29-1122	Occupational therapists	1,780	\$23.62	\$23.45
29-1123	Physical therapists	3,080	\$25.49	\$25.64
29-1124	Radiation therapists	110	\$30.19	\$30.78
29-1125	Recreational therapists	230	\$16.62	\$16.68
29-1126	Respiratory therapists	1,140	\$21.27	\$21.04
29-1127	Speech-language pathologists	1,550	\$25.26	\$25.19
29-1129	Therapists, all other	120	\$27.43	\$19.38

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
29-1131	Veterinarians	1,520	\$30.06	\$27.34
29-1199	Health diagnosing and treating practitioners, all other	1,020	\$47.05	\$29.11
29-2011	Medical and clinical laboratory technologists	2,230	\$22.26	\$22.70
29-2012	Medical and clinical laboratory technicians	2,290	\$16.40	\$15.92
29-2021	Dental hygienists	3,710	\$34.89	\$36.20
29-2031	Cardiovascular technologists and technicians	380	\$19.40	\$18.33
29-2032	Diagnostic medical sonographers	670	\$29.06	\$28.53
29-2033	Nuclear medicine technologists	230	\$25.48	\$25.49
29-2034	Radiologic technologists and technicians	2,320	\$21.92	\$21.75
29-2041	Emergency medical technicians and paramedics	2,830	\$15.41	\$14.48
29-2051	Dietetic technicians	330	\$11.33	\$11.44
29-2052	Pharmacy technicians	2,950	\$13.46	\$13.26
29-2053	Psychiatric technicians	860	\$14.71	\$14.70
29-2054	Respiratory therapy technicians	160	\$18.64	\$18.68
29-2055	Surgical technologists	890	\$17.11	\$17.24
29-2056	Veterinary technologists and technicians	1,630	\$11.52	\$11.18
29-2061	Licensed practical and licensed vocational nurses	6,890	\$17.43	\$17.17
29-2071	Medical records and health information technicians	2,590	\$14.52	\$13.44
29-2081	Opticians, dispensing	1,740	\$15.78	\$15.14
29-2099	Health technologists and technicians, all other	1,050	\$15.73	\$14.99
29-9011	Occupational health and safety specialists	640	\$28.29	\$28.30
29-9012	Occupational health and safety technicians	200	\$24.75	\$24.17
29-9099	Healthcare practitioners and technical workers, all other	690	\$19.86	\$17.83
Healthcare Support				
31-1011	Home health aides	5,210	\$9.73	\$9.56
31-1012	Nursing aides, orderlies, and attendants	15,460	\$11.32	\$11.10
31-1013	Psychiatric aides	290	\$11.19	\$11.16
31-2011	Occupational therapist assistants	290	\$17.21	\$17.23
31-2012	Occupational therapist aides	80	\$13.16	\$12.47
31-2021	Physical therapist assistants	470	\$16.24	\$16.16
31-2022	Physical therapist aides	680	\$11.07	\$10.92
31-9011	Massage therapists	1,150	\$18.78	\$14.10
31-9091	Dental assistants	4,870	\$16.85	\$17.24
31-9092	Medical assistants	5,550	\$13.68	\$13.56
31-9093	Medical equipment preparers	590	\$12.63	\$12.35
31-9094	Medical transcriptionists	1,210	\$16.17	\$15.86
31-9095	Pharmacy aides	440	\$11.57	\$10.81
31-9099	Healthcare support workers, all other	2,310	\$13.38	\$13.00
Protective Service				
33-1011	First-line supervisors/managers of correctional officers	650	\$28.55	\$29.13
33-1012	First-line supervisors/managers of police and detectives	1,600	\$34.69	\$34.69
33-1021	First-line supervisors/managers of fire fighting and prevention workers	1,290	\$32.03	\$32.11

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
33-1099	First-line supervisors/managers, protective service workers, all other	770	\$23.13	\$19.90
33-2011	Fire fighters	4,170	\$22.84	\$22.76
33-2021	Fire inspectors and investigators	230	\$28.72	\$30.67
33-3011	Bailiffs	130	\$14.75	\$13.11
33-3012	Correctional officers and jailers	6,240	\$19.47	\$19.41
33-3021	Detectives and criminal investigators	1,680	\$29.45	\$30.49
33-3031	Fish and game wardens	210	\$22.66	\$23.17
33-3041	Parking enforcement workers	140	\$16.67	\$16.86
33-3051	Police and sheriff's patrol officers	8,840	\$24.13	\$24.25
33-9011	Animal control workers	250	\$15.32	\$15.26
33-9021	Private detectives and investigators	390	\$21.16	\$23.30
33-9031	Gaming surveillance officers and gaming investigators	230	\$12.63	\$11.29
33-9032	Security guards	11,790	\$12.31	\$11.18
33-9091	Crossing guards	1,050	\$12.39	\$11.73
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	2,760	\$8.97	\$8.73
33-9099	Protective service workers, all other	2,260	\$15.29	\$14.52
Food Preparation and Serving Related				
35-1011	Chefs and head cooks	2,540	\$17.86	\$16.33
35-1012	First-line supervisors/managers of food preparation and serving workers	13,530	\$14.00	\$13.17
35-2011	Cooks, fast food	7,240	\$8.00	\$7.89
35-2012	Cooks, institution and cafeteria	4,730	\$10.94	\$10.60
35-2014	Cooks, restaurant	18,930	\$10.26	\$9.98
35-2015	Cooks, short order	3,210	\$9.57	\$9.73
35-2019	Cooks, all other	80	\$13.30	\$13.17
35-2021	Food preparation workers	10,580	\$9.14	\$8.65
35-3011	Bartenders	8,730	\$7.76	\$6.82
35-3021	Combined food preparation and serving workers, including fast food	41,090	\$7.84	\$7.71
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	5,520	\$7.87	\$7.66
35-3031	Waiters and waitresses	44,690	\$8.05	\$6.74
35-3041	Food servers, nonrestaurant	2,710	\$9.27	\$9.07
35-9011	Dining room and cafeteria attendants and bartender helpers	6,440	\$7.30	\$6.89
35-9021	Dishwashers	10,790	\$7.74	\$7.75
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	7,940	\$7.89	\$7.62
35-9099	Food preparation and serving related workers, all other	3,030	\$9.60	\$9.52
Building and Grounds Cleaning and Maintenance				
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	3,580	\$14.98	\$13.67
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	1,850	\$20.65	\$20.73

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	34,360	\$9.90	\$9.23
37-2012	Maids and housekeeping cleaners	14,320	\$8.95	\$8.57
37-2019	Building cleaning workers, all other	*	\$11.44	\$8.70
37-2021	Pest control workers	330	\$15.88	\$14.97
37-3011	Landscaping and groundskeeping workers	17,140	\$11.30	\$10.40
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	330	\$13.27	\$12.58
37-3013	Tree trimmers and pruners	320	\$15.35	\$15.23
37-3019	Grounds maintenance workers, all other	300	\$12.04	\$10.15
Personal Care and Service				
39-1011	Gaming supervisors	140	\$17.46	\$16.82
39-1012	Slot key persons	320	\$13.47	\$13.04
39-1021	First-line supervisors/managers of personal service workers	2,530	\$16.34	\$14.67
39-2011	Animal trainers	*	\$12.51	\$9.46
39-2021	Nonfarm animal caretakers	1,590	\$9.64	\$8.93
39-3012	Gaming and sports book writers and runners	**	\$8.98	\$8.48
39-3019	Gaming service workers, all other	90	\$11.30	\$10.48
39-3021	Motion picture projectionists	110	\$10.64	\$9.40
39-3031	Ushers, lobby attendants, and ticket takers	2,610	\$7.01	\$7.04
39-3091	Amusement and recreation attendants	4,630	\$8.70	\$8.17
39-3092	Costume attendants	70	\$13.34	\$11.82
39-3093	Locker room, coatroom, and dressing room attendants	400	\$9.38	\$8.95
39-4011	Embalmers	70	\$13.38	\$12.97
39-4021	Funeral attendants	*	\$9.91	\$9.39
39-5011	Barbers	90	\$11.38	\$10.78
39-5012	Hairdressers, hairstylists, and cosmetologists	5,060	\$12.87	\$11.32
39-5092	Manicurists and pedicurists	570	\$10.23	\$9.16
39-5093	Shampooers	140	\$7.33	\$7.15
39-5094	Skin care specialists	850	\$10.54	\$7.84
39-6011	Baggage porters and bellhops	740	\$10.03	\$8.38
39-6012	Concierges	580	\$11.81	\$11.80
39-6021	Tour guides and escorts	840	\$9.82	\$9.52
39-6032	Transportation attendants, except flight attendants and baggage porters	180	\$10.42	\$10.22
39-9011	Child care workers	8,710	\$9.19	\$8.67
39-9021	Personal and home care aides	8,680	\$8.62	\$8.31
39-9031	Fitness trainers and aerobics instructors	5,200	\$15.95	\$14.93
39-9032	Recreation workers	4,530	\$11.69	\$10.47
39-9041	Residential advisors	330	\$10.26	\$9.67
39-9099	Personal care and service workers, all other	950	\$10.46	\$10.72
Sales and Related				
41-1011	First-line supervisors/managers of retail sales workers	16,720	\$19.21	\$16.91
41-1012	First-line supervisors/managers of non-retail sales workers	5,940	\$35.07	\$32.86

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

Colorado OES Wage Survey: May 2004 (Released Sept. 30, 2005)

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
41-2011	Cashiers	52,260	\$9.50	\$8.68
41-2012	Gaming change persons and booth cashiers	1,010	\$11.55	\$11.73
41-2021	Counter and rental clerks	9,100	\$10.70	\$9.65
41-2022	Parts salespersons	3,690	\$15.11	\$13.70
41-2031	Retail salespersons	78,390	\$11.65	\$9.69
41-3011	Advertising sales agents	2,030	\$23.89	\$19.56
41-3021	Insurance sales agents	5,100	\$27.16	\$21.41
41-3031	Securities, commodities, and financial services sales agents	6,040	\$39.45	\$26.28
41-3041	Travel agents	1,320	\$13.54	\$12.78
41-3099	Sales representatives, services, all other	9,430	\$26.11	\$22.47
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	5,690	\$35.75	\$30.63
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	27,510	\$26.47	\$23.07
41-9011	Demonstrators and product promoters	2,230	\$12.29	\$10.14
41-9021	Real estate brokers	1,570	\$29.49	\$24.34
41-9022	Real estate sales agents	2,320	\$24.16	\$20.12
41-9031	Sales engineers	1,110	\$39.04	\$34.01
41-9041	Telemarketers	8,230	\$11.40	\$9.71
41-9091	Door-to-door sales workers, news and street vendors, and related workers	130	\$13.98	\$13.32
41-9099	Sales and related workers, all other	*	\$17.54	\$15.05
Office and Administrative Support				
43-1011	First-line supervisors/managers of office and administrative support workers	22,840	\$22.71	\$21.53
43-2011	Switchboard operators, including answering service	2,480	\$11.26	\$11.03
43-2021	Telephone operators	*	\$10.70	\$10.43
43-2099	Communications equipment operators, all other	50	\$17.83	\$18.37
43-3011	Bill and account collectors	9,260	\$14.71	\$14.22
43-3021	Billing and posting clerks and machine operators	8,110	\$13.52	\$13.49
43-3031	Bookkeeping, accounting, and auditing clerks	31,600	\$15.21	\$14.99
43-3041	Gaming cage workers	380	\$12.16	\$12.44
43-3051	Payroll and timekeeping clerks	3,140	\$16.31	\$16.23
43-3061	Procurement clerks	1,130	\$16.03	\$16.09
43-3071	Tellers	7,220	\$11.20	\$10.99
43-4011	Brokerage clerks	790	\$16.20	\$15.33
43-4021	Correspondence clerks	260	\$15.19	\$14.89
43-4031	Court, municipal, and license clerks	2,320	\$16.52	\$16.30
43-4041	Credit authorizers, checkers, and clerks	1,320	\$14.61	\$13.76
43-4051	Customer service representatives	36,670	\$13.95	\$13.21
43-4061	Eligibility interviewers, government programs	870	\$15.32	\$15.19
43-4071	File clerks	3,430	\$11.40	\$10.96
43-4081	Hotel, motel, and resort desk clerks	4,000	\$9.72	\$9.61
43-4111	Interviewers, except eligibility and loan	3,760	\$13.13	\$12.75

* No data available

Table 3a—Average Hourly Wages by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
43-4121	Library assistants, clerical	1,150	\$10.83	\$10.59
43-4131	Loan interviewers and clerks	6,290	\$16.44	\$16.19
43-4141	New accounts clerks	2,020	\$13.54	\$13.38
43-4151	Order clerks	6,020	\$13.71	\$12.96
43-4161	Human resources assistants, except payroll and timekeeping	2,900	\$16.78	\$16.58
43-4171	Receptionists and information clerks	19,600	\$11.89	\$11.66
43-4181	Reservation and transportation ticket agents and travel clerks	4,210	\$15.02	\$13.44
43-4199	All other information and record clerks	4,770	\$19.74	\$17.22
43-5011	Cargo and freight agents	770	\$15.86	\$14.89
43-5021	Couriers and messengers	1,860	\$10.42	\$10.04
43-5031	Police, fire, and ambulance dispatchers	1,540	\$17.08	\$17.21
43-5032	Dispatchers, except police, fire, and ambulance	2,520	\$16.45	\$15.66
43-5041	Meter readers, utilities	660	\$15.32	\$15.22
43-5051	Postal service clerks	1,400	\$19.34	\$19.40
43-5052	Postal service mail carriers	5,430	\$20.77	\$20.90
43-5053	Postal service mail sorters, processors, and processing machine operators	3,920	\$18.12	\$18.92
43-5061	Production, planning, and expediting clerks	4,800	\$19.06	\$19.06
43-5071	Shipping, receiving, and traffic clerks	9,340	\$12.94	\$12.55
43-5081	Stock clerks and order fillers	20,230	\$11.42	\$10.65
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	1,520	\$12.96	\$12.27
43-6011	Executive secretaries and administrative assistants	19,850	\$19.02	\$18.48
43-6012	Legal secretaries	6,060	\$17.60	\$16.99
43-6013	Medical secretaries	4,260	\$15.50	\$14.70
43-6014	Secretaries, except legal, medical, and executive	20,480	\$14.11	\$13.91
43-9011	Computer operators	2,350	\$18.02	\$17.38
43-9021	Data entry keyers	3,960	\$12.57	\$12.27
43-9022	Word processors and typists	1,260	\$16.00	\$15.64
43-9031	Desktop publishers	*	\$17.48	\$18.54
43-9041	Insurance claims and policy processing clerks	3,080	\$14.47	\$14.40
43-9051	Mail clerks and mail machine operators, except postal service	1,990	\$12.59	\$12.64
43-9061	Office clerks, general	56,000	\$12.77	\$12.49
43-9071	Office machine operators, except computer	1,430	\$12.63	\$12.21
43-9081	Proofreaders and copy markers	380	\$13.81	\$13.25
43-9111	Statistical assistants	160	\$17.53	\$16.99
43-9199	Office and administrative support workers, all other	11,440	\$14.74	\$14.78
Farming, Fishing, and Forestry				
45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	260	\$18.95	\$15.75
45-2011	Agricultural inspectors	280	\$16.61	\$16.41

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

Colorado OES Wage Survey: May 2004 (Released Sept. 30, 2005)

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
45-2041	Graders and sorters, agricultural products	650	\$7.71	\$6.97
45-2091	Agricultural equipment operators	50	\$11.25	\$10.68
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	2,220	\$10.10	\$7.98
45-2093	Farmworkers, farm and ranch animals	770	\$9.28	\$8.98
45-2099	Agricultural workers, all other	60	\$10.71	\$9.74
45-4011	Forest and conservation workers	50	\$16.11	\$17.12
45-4022	Logging equipment operators	*	\$13.28	\$13.09
Construction and Extraction				
47-1011	First-line supervisors/managers of construction trades and extraction workers	13,120	\$26.38	\$25.26
47-2011	Boilermakers	*	\$15.49	\$15.44
47-2021	Brickmasons and blockmasons	2,110	\$21.94	\$22.59
47-2022	Stonemasons	480	\$18.28	\$17.50
47-2031	Carpenters	16,100	\$17.84	\$17.16
47-2041	Carpet installers	420	\$17.15	\$16.09
47-2042	Floor layers, except carpet, wood, and hard tiles	210	\$20.88	\$20.18
47-2043	Floor sanders and finishers	130	\$14.48	\$14.42
47-2044	Tile and marble setters	560	\$17.59	\$17.52
47-2051	Cement masons and concrete finishers	4,350	\$15.16	\$14.86
47-2053	Terrazzo workers and finishers	*	\$12.68	\$13.89
47-2061	Construction laborers	17,640	\$12.66	\$12.34
47-2071	Paving, surfacing, and tamping equipment operators	1,490	\$16.02	\$15.83
47-2072	Pile-driver operators	110	\$19.55	\$18.72
47-2073	Operating engineers and other construction equipment operators	8,070	\$18.26	\$17.89
47-2081	Drywall and ceiling tile installers	4,140	\$16.17	\$16.11
47-2082	Tapers	890	\$16.26	\$16.29
47-2111	Electricians	11,710	\$21.09	\$21.39
47-2121	Glaziers	1,320	\$17.13	\$17.16
47-2131	Insulation workers, floor, ceiling, and wall	460	\$13.18	\$12.40
47-2132	Insulation workers, mechanical	370	\$13.74	\$13.39
47-2141	Painters, construction and maintenance	5,000	\$15.23	\$15.00
47-2142	Paperhangers	60	\$18.33	\$18.61
47-2151	Pipelayers	1,810	\$14.73	\$14.07
47-2152	Plumbers, pipefitters, and steamfitters	8,320	\$20.03	\$20.16
47-2161	Plasterers and stucco masons	850	\$14.33	\$14.12
47-2171	Reinforcing iron and rebar workers	400	\$13.64	\$12.58
47-2181	Roofers	2,440	\$14.63	\$14.65
47-2211	Sheet metal workers	3,830	\$15.92	\$15.19
47-2221	Structural iron and steel workers	750	\$19.38	\$19.11
47-3011	Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	1,310	\$13.30	\$12.97
47-3012	Helpers--carpenters	980	\$11.12	\$10.87
47-3013	Helpers--electricians	1,930	\$14.01	\$13.62

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
47-3014	Helpers--painters, paperhangers, plasterers, and stucco masons	280	\$10.62	\$10.55
47-3015	Helpers--pipelayers, plumbers, pipefitters, and steamfitters	950	\$13.92	\$13.66
47-3016	Helpers--roofers	210	\$11.42	\$10.98
47-3019	Helpers, construction trades, all other	210	\$10.71	\$10.56
47-4011	Construction and building inspectors	1,520	\$22.97	\$23.21
47-4021	Elevator installers and repairers	200	\$25.30	\$25.73
47-4051	Highway maintenance workers	2,920	\$16.40	\$16.76
47-4061	Rail-track laying and maintenance equipment operators	180	\$19.20	\$19.57
47-4071	Septic tank servicers and sewer pipe cleaners	300	\$18.29	\$17.90
47-4099	Construction and related workers, all other	530	\$17.08	\$16.78
47-5011	Derrick operators, oil and gas	*	\$20.96	\$20.17
47-5012	Rotary drill operators, oil and gas	270	\$20.27	\$20.99
47-5013	Service unit operators, oil, gas, and mining	620	\$18.27	\$16.69
47-5021	Earth drillers, except oil and gas	390	\$18.20	\$17.96
47-5031	Explosives workers, ordnance handling experts, and blasters	50	\$19.80	\$19.65
47-5041	Continuous mining machine operators	150	\$18.91	\$19.27
47-5049	Mining machine operators, all other	60	\$18.24	\$17.85
47-5051	Rock splitters, quarry	80	\$13.98	\$12.73
47-5061	Roof bolters, mining	50	\$19.53	\$19.87
47-5071	Roustabouts, oil and gas	710	\$13.60	\$13.25
47-5081	Helpers--extraction workers	380	\$13.72	\$12.82
47-5099	Extraction workers, all other	*	\$16.06	\$15.75
Installation, Maintenance, and Repair				
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	7,950	\$26.34	\$24.91
49-2011	Computer, automated teller, and office machine repairers	3,360	\$17.97	\$17.24
49-2021	Radio mechanics	70	\$21.09	\$23.05
49-2022	Telecommunications equipment installers and repairers, except line installers	6,020	\$24.56	\$24.83
49-2091	Avionics technicians	220	\$21.98	\$21.36
49-2092	Electric motor, power tool, and related repairers	540	\$16.42	\$16.63
49-2093	Electrical and electronics installers and repairers, transportation equipment	160	\$21.24	\$21.43
49-2094	Electrical and electronics repairers, commercial and industrial equipment	1,010	\$22.04	\$21.68
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	320	\$25.98	\$26.30
49-2096	Electronic equipment installers and repairers, motor vehicles	180	\$13.48	\$13.05
49-2097	Electronic home entertainment equipment installers and repairers	970	\$14.81	\$14.19
49-2098	Security and fire alarm systems installers	840	\$18.94	\$18.41
49-3011	Aircraft mechanics and service technicians	1,740	\$22.45	\$21.10
49-3021	Automotive body and related repairers	2,580	\$23.25	\$22.33

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
49-3022	Automotive glass installers and repairers	310	\$12.36	\$11.66
49-3023	Automotive service technicians and mechanics	10,400	\$17.73	\$17.10
49-3031	Bus and truck mechanics and diesel engine specialists	5,030	\$20.22	\$19.39
49-3041	Farm equipment mechanics	310	\$13.68	\$13.44
49-3042	Mobile heavy equipment mechanics, except engines	2,160	\$19.31	\$19.44
49-3043	Rail car repairers	170	\$22.18	\$21.98
49-3051	Motorboat mechanics	50	\$13.78	\$13.42
49-3052	Motorcycle mechanics	400	\$16.57	\$15.97
49-3053	Outdoor power equipment and other small engine mechanics	330	\$12.25	\$10.31
49-3091	Bicycle repairers	*	\$10.89	\$10.36
49-3092	Recreational vehicle service technicians	310	\$16.87	\$15.81
49-3093	Tire repairers and changers	2,850	\$10.40	\$10.06
49-9011	Mechanical door repairers	520	\$16.72	\$16.46
49-9012	Control and valve installers and repairers, except mechanical door	520	\$15.39	\$13.59
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	2,920	\$19.31	\$18.48
49-9031	Home appliance repairers	450	\$19.70	\$18.49
49-9041	Industrial machinery mechanics	1,970	\$20.28	\$20.29
49-9042	Maintenance and repair workers, general	18,030	\$15.84	\$15.25
49-9043	Maintenance workers, machinery	610	\$17.41	\$16.95
49-9044	Millwrights	280	\$19.93	\$19.92
49-9051	Electrical power-line installers and repairers	1,730	\$24.88	\$25.32
49-9052	Telecommunications line installers and repairers	1,890	\$16.54	\$16.14
49-9061	Camera and photographic equipment repairers	60	\$15.30	\$15.52
49-9062	Medical equipment repairers	760	\$20.70	\$20.78
49-9063	Musical instrument repairers and tuners	*	\$13.98	\$13.27
49-9069	Precision instrument and equipment repairers, all other	60	\$23.72	\$24.54
49-9091	Coin, vending, and amusement machine servicers and repairers	780	\$14.77	\$13.83
49-9094	Locksmiths and safe repairers	320	\$14.85	\$13.81
49-9095	Manufactured building and mobile home installers	50	\$13.38	\$13.32
49-9096	Riggers	**	\$21.34	\$23.04
49-9098	Helpers--installation, maintenance, and repair workers	1,830	\$13.00	\$11.41
49-9099	Installation, maintenance, and repair workers, all other	3,480	\$15.54	\$15.12
Production				
51-1011	First-line supervisors/managers of production and operating workers	7,600	\$24.08	\$22.72
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	*	\$23.54	\$24.21
51-2021	Coil winders, tapers, and finishers	170	\$13.93	\$12.82
51-2022	Electrical and electronic equipment assemblers	3,790	\$12.05	\$11.32
51-2023	Electromechanical equipment assemblers	1,080	\$12.88	\$12.44
51-2041	Structural metal fabricators and fitters	1,010	\$15.84	\$15.69

* No data available

Table 3a—Average Hourly Wages by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
51-2092	Team assemblers	9,190	\$12.09	\$11.64
51-2099	Assemblers and fabricators, all other	4,770	\$11.21	\$10.49
51-3011	Bakers	2,480	\$12.06	\$11.46
51-3021	Butchers and meat cutters	2,400	\$14.65	\$14.87
51-3022	Meat, poultry, and fish cutters and trimmers	2,280	\$11.52	\$10.93
51-3023	Slaughterers and meat packers	*	\$10.84	\$11.04
51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders	200	\$13.21	\$14.47
51-3092	Food batchmakers	1,180	\$10.52	\$9.87
51-3093	Food cooking machine operators and tenders	430	\$10.17	\$9.78
51-4011	Computer-controlled machine tool operators, metal and plastic	1,450	\$15.36	\$14.99
51-4012	Numerical tool and process control programmers	190	\$23.08	\$23.57
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	510	\$14.48	\$14.51
51-4022	Forging machine setters, operators, and tenders, metal and plastic	170	\$14.35	\$14.76
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	100	\$14.80	\$15.08
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	2,350	\$15.54	\$14.67
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	*	\$12.95	\$12.18
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	920	\$12.49	\$11.82
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	300	\$16.05	\$15.39
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	230	\$14.67	\$13.57
51-4041	Machinists	3,300	\$17.93	\$17.85
51-4052	Pourers and casters, metal	70	\$11.50	\$10.46
51-4061	Model makers, metal and plastic	90	\$22.85	\$22.84
51-4071	Foundry mold and coremakers	170	\$11.30	\$10.66
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	1,630	\$10.99	\$10.08
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	1,280	\$12.89	\$12.43
51-4111	Tool and die makers	550	\$21.39	\$21.37
51-4121	Welders, cutters, solderers, and brazers	4,040	\$15.90	\$15.44
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	260	\$14.81	\$14.87
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	140	\$14.74	\$15.23
51-4192	Lay-out workers, metal and plastic	100	\$17.43	\$16.18
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	300	\$13.00	\$12.09

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

Colorado OES Wage Survey: May 2004 (Released Sept. 30, 2005)

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
51-4194	Tool grinders, filers, and sharpeners	110	\$14.00	\$11.77
51-4199	Metal workers and plastic workers, all other	520	\$14.70	\$14.08
51-5011	Bindery workers	1,050	\$11.86	\$10.56
51-5012	Bookbinders	**	\$15.69	\$16.19
51-5021	Job printers	1,550	\$18.83	\$19.29
51-5022	Prepress technicians and workers	940	\$16.87	\$16.15
51-5023	Printing machine operators	1,990	\$17.11	\$16.64
51-6011	Laundry and dry-cleaning workers	3,930	\$10.67	\$9.79
51-6021	Pressers, textile, garment, and related materials	960	\$9.04	\$8.79
51-6031	Sewing machine operators	1,570	\$10.44	\$10.03
51-6041	Shoe and leather workers and repairers	*	\$13.45	\$13.60
51-6051	Sewers, hand	50	\$10.02	\$9.98
51-6052	Tailors, dressmakers, and custom sewers	*	\$12.99	\$12.57
51-6062	Textile cutting machine setters, operators, and tenders	40	\$11.35	\$10.30
51-6063	Textile knitting and weaving machine setters, operators, and tenders	50	\$13.85	\$14.51
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	*	\$11.24	\$11.08
51-6093	Upholsterers	300	\$12.43	\$12.83
51-6099	Textile, apparel, and furnishings workers, all other	150	\$10.46	\$10.30
51-7011	Cabinetmakers and bench carpenters	2,250	\$14.06	\$13.89
51-7021	Furniture finishers	300	\$15.48	\$15.12
51-7041	Sawing machine setters, operators, and tenders, wood	390	\$12.30	\$11.87
51-7042	Woodworking machine setters, operators, and tenders, except sawing	680	\$12.80	\$12.00
51-7099	Woodworkers, all other	80	\$10.98	\$10.58
51-8012	Power distributors and dispatchers	170	\$28.61	\$29.40
51-8013	Power plant operators	470	\$24.83	\$24.89
51-8021	Stationary engineers and boiler operators	880	\$21.18	\$21.26
51-8031	Water and liquid waste treatment plant and system operators	1,960	\$20.61	\$22.03
51-8091	Chemical plant and system operators	320	\$19.32	\$18.83
51-8092	Gas plant operators	350	\$23.85	\$23.72
51-8093	Petroleum pump system operators, refinery operators, and gaugers	*	\$23.72	\$24.40
51-8099	Plant and system operators, all other	320	\$20.87	\$21.27
51-9011	Chemical equipment operators and tenders	210	\$15.69	\$15.44
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	600	\$17.14	\$16.17
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	560	\$14.41	\$13.47
51-9022	Grinding and polishing workers, hand	620	\$12.15	\$11.11
51-9023	Mixing and blending machine setters, operators, and tenders	860	\$13.96	\$14.22
51-9031	Cutters and trimmers, hand	140	\$10.71	\$10.30

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
51-9032	Cutting and slicing machine setters, operators, and tenders	570	\$12.78	\$12.30
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	310	\$12.41	\$11.70
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	280	\$15.07	\$14.63
51-9061	Inspectors, testers, sorters, samplers, and weighers	4,590	\$15.58	\$14.32
51-9071	Jewelers and precious stone and metal workers	330	\$16.12	\$14.16
51-9081	Dental laboratory technicians	640	\$17.00	\$15.68
51-9082	Medical appliance technicians	160	\$14.21	\$14.13
51-9083	Ophthalmic laboratory technicians	480	\$14.84	\$15.15
51-9111	Packaging and filling machine operators and tenders	3,600	\$11.35	\$10.66
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	700	\$13.57	\$13.01
51-9122	Painters, transportation equipment	680	\$24.01	\$22.93
51-9123	Painting, coating, and decorating workers	360	\$12.60	\$12.19
51-9131	Photographic process workers	620	\$12.43	\$11.61
51-9132	Photographic processing machine operators	980	\$11.33	\$10.80
51-9191	Cementing and gluing machine operators and tenders	140	\$12.16	\$11.63
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	180	\$12.26	\$10.67
51-9193	Cooling and freezing equipment operators and tenders	70	\$13.66	\$13.93
51-9194	Etchers and engravers	110	\$10.98	\$10.48
51-9195	Molders, shapers, and casters, except metal and plastic	1,090	\$12.91	\$12.61
51-9196	Paper goods machine setters, operators, and tenders	790	\$15.11	\$15.57
51-9198	Helpers--production workers	3,470	\$10.77	\$9.95
51-9199	Production workers, all other	1,950	\$12.06	\$10.86
Transportation and Material Moving				
53-1011	Aircraft cargo handling supervisors	140	\$19.40	\$15.57
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	2,300	\$20.31	\$19.41
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	3,970	\$23.32	\$21.92
53-2021	Air traffic controllers	650	\$50.28	\$55.92
53-2022	Airfield operations specialists	140	\$21.37	\$19.88
53-3011	Ambulance drivers and attendants, except emergency medical technicians	240	\$13.20	\$10.16
53-3021	Bus drivers, transit and intercity	3,630	\$14.53	\$14.04
53-3022	Bus drivers, school	5,050	\$12.93	\$12.78
53-3031	Driver/sales workers	6,170	\$11.57	\$10.38
53-3032	Truck drivers, heavy and tractor-trailer	21,370	\$16.82	\$16.44
53-3033	Truck drivers, light or delivery services	16,060	\$13.82	\$13.30
53-3041	Taxi drivers and chauffeurs	1,620	\$10.00	\$9.86
53-3099	Motor vehicle operators, all other	1,470	\$12.51	\$11.57
53-4021	Railroad brake, signal, and switch operators	*	\$26.71	\$27.68
53-4031	Railroad conductors and yardmasters	*	\$30.84	\$30.66

* No data available

Table 3a—Average Hourly Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
53-6021	Parking lot attendants	1,830	\$8.46	\$8.27
53-6031	Service station attendants	2,060	\$9.91	\$9.42
53-6041	Traffic technicians	120	\$16.32	\$15.96
53-6051	Transportation inspectors	*	\$19.53	\$11.31
53-7011	Conveyor operators and tenders	510	\$14.25	\$13.09
53-7021	Crane and tower operators	510	\$19.71	\$19.62
53-7032	Excavating and loading machine and dragline operators	2,770	\$17.80	\$17.71
53-7033	Loading machine operators, underground mining	*	\$18.53	\$19.13
53-7051	Industrial truck and tractor operators	7,370	\$13.83	\$13.59
53-7061	Cleaners of vehicles and equipment	6,070	\$10.26	\$9.90
53-7062	Laborers and freight, stock, and material movers, hand	29,730	\$11.03	\$10.57
53-7063	Machine feeders and offbearers	1,210	\$11.48	\$11.41
53-7064	Packers and packagers, hand	8,020	\$8.98	\$8.31
53-7072	Pump operators, except wellhead pumpers	100	\$16.52	\$14.10
53-7073	Wellhead pumpers	590	\$16.52	\$15.95
53-7081	Refuse and recyclable material collectors	1,110	\$13.65	\$13.11
53-7111	Shuttle car operators	180	\$18.23	\$18.38
53-7199	Material moving workers, all other	1,310	\$11.96	\$10.68

* No data available

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment

Table 3b—Average Annual Wages by Occupational Code

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Management				
11-1011	Chief executives	2,250	\$158,550	*
11-1021	General and operations managers	31,350	\$98,810	\$85,400
11-2011	Advertising and promotions managers	1,270	\$66,700	\$58,250
11-2021	Marketing managers	3,650	\$89,350	\$78,770
11-2022	Sales managers	5,450	\$96,240	\$86,290
11-2031	Public relations managers	940	\$79,380	\$73,140
11-3011	Administrative services managers	3,770	\$69,030	\$64,710
11-3021	Computer and information systems managers	4,900	\$105,480	\$102,560
11-3031	Financial managers	7,290	\$97,970	\$87,620
11-3041	Compensation and benefits managers	660	\$71,150	\$63,820
11-3042	Training and development managers	540	\$79,360	\$70,590
11-3049	Human resources managers, all other	1,010	\$89,300	\$85,690
11-3051	Industrial production managers	1,620	\$81,600	\$74,390
11-3061	Purchasing managers	990	\$86,540	\$81,430
11-3071	Transportation, storage, and distribution managers	1,320	\$70,000	\$66,400
11-9011	Farm, ranch, and other agricultural managers	100	\$57,230	\$53,150
11-9021	Construction managers	4,930	\$76,920	\$69,750
11-9031	Education administrators, preschool and child care center/program	850	\$34,690	\$30,440
11-9032	Education administrators, elementary and secondary school	3,340	\$71,030	\$71,150
11-9033	Education administrators, postsecondary	1,230	\$73,580	\$65,740
11-9039	Education administrators, all other	*	\$61,950	\$60,890
11-9041	Engineering managers	*	\$107,490	\$100,120
11-9051	Food service managers	2,450	\$54,670	\$46,070
11-9061	Funeral directors	180	\$37,060	\$35,040
11-9071	Gaming managers	90	\$49,050	\$44,310
11-9081	Lodging managers	790	\$48,540	\$36,800
11-9111	Medical and health services managers	3,100	\$73,560	\$68,100
11-9121	Natural sciences managers	1,150	\$91,610	\$89,690
11-9131	Postmasters and mail superintendents	380	\$49,650	\$49,080
11-9141	Property, real estate, and community association managers	5,020	\$51,960	\$41,550
11-9151	Social and community service managers	1,630	\$50,670	\$46,170
11-9199	Managers, all other	6,410	\$87,650	\$84,630
Business and Financial Operations				
13-1011	Agents and business managers of artists, performers, and athletes	250	\$77,920	\$61,660
13-1021	Purchasing agents and buyers, farm products	140	\$44,960	\$41,590
13-1022	Wholesale and retail buyers, except farm products	2,380	\$42,680	\$37,390
13-1023	Purchasing agents, except wholesale, retail, and farm products	5,150	\$51,710	\$49,760
13-1031	Claims adjusters, examiners, and investigators	4,150	\$56,150	\$49,710
13-1032	Insurance appraisers, auto damage	120	\$51,720	\$52,900

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
13-1051	Cost estimators	4,120	\$53,490	\$50,370
13-1061	Emergency management specialists	*	\$71,890	\$65,690
13-1071	Employment, recruitment, and placement specialists	2,680	\$49,790	\$42,790
13-1072	Compensation, benefits, and job analysis specialists	1,740	\$52,150	\$48,960
13-1073	Training and development specialists	4,300	\$48,050	\$45,600
13-1079	Human resources, training, and labor relations specialists, all other	2,210	\$54,910	\$52,280
13-1081	Logisticians	1,430	\$65,810	\$62,950
13-1111	Management analysts	6,150	\$74,970	\$65,550
13-1121	Meeting and convention planners	970	\$41,830	\$39,740
13-1199	Business operations specialists, all other	19,610	\$61,660	\$57,250
13-2011	Accountants and auditors	20,480	\$58,300	\$51,580
13-2021	Appraisers and assessors of real estate	1,730	\$61,920	\$51,300
13-2031	Budget analysts	920	\$60,560	\$58,990
13-2041	Credit analysts	1,090	\$55,210	\$52,010
13-2051	Financial analysts	3,120	\$69,890	\$59,330
13-2052	Personal financial advisors	1,040	\$63,930	\$49,670
13-2053	Insurance underwriters	1,190	\$63,670	\$56,390
13-2061	Financial examiners	290	\$70,000	\$68,400
13-2071	Loan counselors	1,210	\$38,520	\$34,550
13-2072	Loan officers	6,830	\$61,800	\$52,320
13-2081	Tax examiners, collectors, and revenue agents	850	\$56,170	\$52,280
13-2082	Tax preparers	580	\$39,030	\$39,970
13-2099	Financial specialists, all other	2,380	\$62,010	\$56,240
Computer and Mathematical				
15-1011	Computer and information scientists, research	380	\$85,510	\$86,420
15-1021	Computer programmers	7,270	\$68,580	\$65,300
15-1031	Computer software engineers, applications	14,760	\$80,930	\$78,320
15-1032	Computer software engineers, systems software	11,210	\$81,710	\$81,910
15-1041	Computer support specialists	12,370	\$47,400	\$44,290
15-1051	Computer systems analysts	12,920	\$72,030	\$71,920
15-1061	Database administrators	2,650	\$63,760	\$60,050
15-1071	Network and computer systems administrators	5,580	\$64,850	\$61,940
15-1081	Network systems and data communications analysts	4,380	\$64,610	\$63,360
15-1099	Computer specialists, all other	3,420	\$67,650	\$64,790
15-2011	Actuaries	140	\$83,700	\$82,460
15-2021	Mathematicians	40	\$78,600	\$83,350
15-2031	Operations research analysts	930	\$66,300	\$63,640
15-2041	Statisticians	310	\$64,110	\$58,190
Architecture and Engineering				
17-1011	Architects, except landscape and naval	2,680	\$59,320	\$53,340
17-1012	Landscape architects	910	\$54,480	\$51,690
17-1021	Cartographers and photogrammetrists	530	\$56,030	\$54,580

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
17-1022	Surveyors	1,650	\$45,770	\$43,900
17-2011	Aerospace engineers	1,730	\$77,480	\$78,020
17-2021	Agricultural engineers	50	\$61,490	\$59,920
17-2031	Biomedical engineers	120	\$66,800	\$65,760
17-2041	Chemical engineers	380	\$83,440	\$81,170
17-2051	Civil engineers	6,980	\$64,930	\$61,610
17-2061	Computer hardware engineers	2,300	\$98,280	\$96,520
17-2071	Electrical engineers	3,510	\$75,280	\$72,280
17-2072	Electronics engineers, except computer	5,090	\$81,250	\$77,450
17-2081	Environmental engineers	1,050	\$71,700	\$72,230
17-2111	Health and safety engineers, except mining safety engineers and inspectors	320	\$72,850	\$73,030
17-2112	Industrial engineers	3,130	\$74,390	\$72,150
17-2131	Materials engineers	330	\$73,830	\$71,360
17-2141	Mechanical engineers	4,730	\$70,620	\$68,030
17-2151	Mining and geological engineers, including mining safety engineers	250	\$78,810	\$72,620
17-2171	Petroleum engineers	490	\$93,120	\$92,290
17-2199	Engineers, all other	1,730	\$77,980	\$75,030
17-3011	Architectural and civil drafters	1,910	\$43,460	\$42,690
17-3012	Electrical and electronics drafters	660	\$48,450	\$45,580
17-3013	Mechanical drafters	1,010	\$42,210	\$38,450
17-3019	Drafters, all other	260	\$42,110	\$39,800
17-3021	Aerospace engineering and operations technicians	300	\$60,470	\$61,980
17-3022	Civil engineering technicians	1,680	\$39,750	\$39,520
17-3023	Electrical and electronic engineering technicians	3,170	\$45,310	\$46,590
17-3024	Electro-mechanical technicians	210	\$45,340	\$44,840
17-3025	Environmental engineering technicians	380	\$38,520	\$37,380
17-3026	Industrial engineering technicians	1,300	\$49,490	\$45,090
17-3027	Mechanical engineering technicians	660	\$46,680	\$47,970
17-3029	Engineering technicians, except drafters, all other	1,840	\$49,040	\$49,530
17-3031	Surveying and mapping technicians	1,250	\$38,870	\$39,350
Life, Physical, and Social Science				
19-1012	Food scientists and technologists	170	\$62,070	\$58,090
19-1013	Soil and plant scientists	190	\$60,410	\$57,940
19-1021	Biochemists and biophysicists	170	\$72,870	\$74,040
19-1022	Microbiologists	320	\$63,350	\$55,820
19-1023	Zoologists and wildlife biologists	500	\$58,740	\$55,660
19-1029	Biological scientists, all other	760	\$66,240	\$66,870
19-1031	Conservation scientists	430	\$54,620	\$53,610
19-1032	Foresters	210	\$56,770	\$53,620
19-1042	Medical scientists, except epidemiologists	750	\$64,480	\$53,560
19-2012	Physicists	660	\$81,810	\$81,540

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
19-2031	Chemists	1,420	\$66,690	\$63,860
19-2032	Materials scientists	*	\$87,330	\$88,950
19-2041	Environmental scientists and specialists, including health	1,360	\$59,400	\$57,230
19-2042	Geoscientists, except hydrologists and geographers	1,270	\$80,660	\$79,280
19-2043	Hydrologists	470	\$73,040	\$68,530
19-2099	Physical scientists, all other	1,150	\$67,590	\$65,880
19-3011	Economists	70	\$82,300	\$78,130
19-3021	Market research analysts	3,080	\$65,500	\$59,950
19-3022	Survey researchers	160	\$37,760	\$38,270
19-3031	Clinical, counseling, and school psychologists	1,650	\$58,190	\$54,340
19-3032	Industrial-organizational psychologists	*	\$103,920	\$103,350
19-3039	Psychologists, all other	270	\$48,970	\$45,250
19-3051	Urban and regional planners	970	\$54,660	\$53,590
19-3091	Anthropologists and archeologists	190	\$45,140	\$41,540
19-3099	Social scientists and related workers, all other	840	\$63,120	\$61,520
19-4011	Agricultural and food science technicians	110	\$32,910	\$30,760
19-4021	Biological technicians	1,650	\$35,740	\$33,670
19-4031	Chemical technicians	1,240	\$39,260	\$37,720
19-4041	Geological and petroleum technicians	400	\$50,830	\$50,070
19-4061	Social science research assistants	*	\$35,120	\$30,490
19-4091	Environmental science and protection technicians, including health	570	\$45,690	\$44,080
19-4092	Forensic science technicians	220	\$49,250	\$47,670
19-4099	Life, physical, and social science technicians, all other	1,180	\$43,630	\$42,240
Community and Social Services				
21-1011	Substance abuse and behavioral disorder counselors	1,810	\$30,760	\$28,300
21-1012	Educational, vocational, and school counselors	2,800	\$46,750	\$45,030
21-1014	Mental health counselors	2,300	\$34,810	\$32,210
21-1015	Rehabilitation counselors	1,200	\$31,550	\$27,330
21-1019	Counselors, all other	160	\$37,450	\$36,020
21-1021	Child, family, and school social workers	3,330	\$40,900	\$39,840
21-1022	Medical and public health social workers	1,330	\$41,100	\$40,510
21-1023	Mental health and substance abuse social workers	1,210	\$34,820	\$31,760
21-1029	Social workers, all other	1,210	\$34,530	\$33,120
21-1091	Health educators	1,010	\$43,880	\$41,630
21-1092	Probation officers and correctional treatment specialists	1,340	\$52,870	\$53,710
21-1093	Social and human service assistants	3,130	\$27,160	\$26,600
21-1099	Community and social service specialists, all other	1,980	\$33,860	\$31,860
21-2011	Clergy	410	\$39,940	\$36,880
21-2021	Directors, religious activities and education	140	\$37,590	\$37,910

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Legal				
23-1011	Lawyers	7,830	\$96,190	\$87,310
23-1021	Administrative law judges, adjudicators, and hearing officers	170	\$95,610	\$83,830
23-1022	Arbitrators, mediators, and conciliators	140	\$49,730	\$42,270
23-1023	Judges, magistrate judges, and magistrates	200	\$90,600	\$86,110
23-2011	Paralegals and legal assistants	3,220	\$43,280	\$41,990
23-2091	Court reporters	*	\$55,870	\$48,300
23-2092	Law clerks	340	\$39,090	\$35,050
23-2093	Title examiners, abstractors, and searchers	610	\$38,700	\$36,150
23-2099	Legal support workers, all other	1,400	\$41,650	\$40,250
Education, Training, and Library				
25-1011	Business teachers, postsecondary	890	\$63,730	\$53,970
25-1021	Computer science teachers, postsecondary	590	\$57,340	\$48,200
25-1022	Mathematical science teachers, postsecondary	600	\$54,310	\$48,570
25-1032	Engineering teachers, postsecondary	*	\$84,180	\$80,740
25-1041	Agricultural sciences teachers, postsecondary	60	\$46,040	\$38,820
25-1042	Biological science teachers, postsecondary	680	\$75,180	\$65,370
25-1051	Atmospheric, earth, marine, and space sciences teachers, postsecondary	300	\$72,390	\$69,320
25-1052	Chemistry teachers, postsecondary	300	\$70,040	\$63,550
25-1053	Environmental science teachers, postsecondary	40	\$62,290	\$61,870
25-1054	Physics teachers, postsecondary	290	\$74,650	\$72,540
25-1061	Anthropology and archeology teachers, postsecondary	150	\$61,010	\$57,250
25-1062	Area, ethnic, and cultural studies teachers, postsecondary	170	\$60,860	\$55,290
25-1063	Economics teachers, postsecondary	270	\$70,020	\$66,010
25-1064	Geography teachers, postsecondary	80	\$64,840	\$60,040
25-1065	Political science teachers, postsecondary	260	\$66,610	\$60,860
25-1066	Psychology teachers, postsecondary	500	\$53,390	\$48,180
25-1067	Sociology teachers, postsecondary	220	\$57,000	\$52,650
25-1071	Health specialties teachers, postsecondary	*	\$83,240	\$70,040
25-1072	Nursing instructors and teachers, postsecondary	*	\$54,920	\$53,300
25-1081	Education teachers, postsecondary	820	\$49,790	\$46,720
25-1111	Criminal justice and law enforcement teachers, postsecondary	130	\$70,110	\$51,950
25-1112	Law teachers, postsecondary	*	\$100,780	\$95,470
25-1121	Art, drama, and music teachers, postsecondary	1,390	\$51,870	\$48,670
25-1122	Communications teachers, postsecondary	230	\$48,950	\$45,300
25-1123	English language and literature teachers, postsecondary	820	\$50,010	\$44,660
25-1124	Foreign language and literature teachers, postsecondary	690	\$50,400	\$47,250
25-1125	History teachers, postsecondary	330	\$58,730	\$54,020
25-1126	Philosophy and religion teachers, postsecondary	350	\$51,980	\$48,350
25-1193	Recreation and fitness studies teachers, postsecondary	*	\$31,000	\$26,680
25-1194	Vocational education teachers, postsecondary	2,120	\$49,200	\$42,740
25-1199	Postsecondary teachers, all other	4,650	\$40,460	\$28,100

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
25-2011	Preschool teachers, except special education	6,010	\$23,000	\$21,390
25-2012	Kindergarten teachers, except special education	2,450	\$40,720	\$38,850
25-2021	Elementary school teachers, except special education	22,250	\$42,740	\$40,620
25-2022	Middle school teachers, except special and vocational education	10,460	\$43,080	\$40,830
25-2023	Vocational education teachers, middle school	70	\$43,340	\$41,960
25-2031	Secondary school teachers, except special and vocational education	13,420	\$44,430	\$42,590
25-2032	Vocational education teachers, secondary school	680	\$45,550	\$44,380
25-2041	Special education teachers, preschool, kindergarten, and elementary school	2,470	\$46,740	\$45,810
25-2042	Special education teachers, middle school	1,150	\$44,830	\$43,500
25-2043	Special education teachers, secondary school	1,380	\$45,900	\$44,630
25-3011	Adult literacy, remedial education, and GED teachers and instructors	450	\$34,580	\$32,500
25-3099	Teachers and instructors, all other	6,680	\$41,270	\$38,000
25-4011	Archivists	110	\$39,170	\$39,420
25-4012	Curators	190	\$49,830	\$48,890
25-4013	Museum technicians and conservators	160	\$32,830	\$30,690
25-4021	Librarians	2,130	\$49,170	\$48,390
25-4031	Library technicians	1,820	\$27,600	\$26,270
25-9011	Audio-visual collections specialists	50	\$34,040	\$32,210
25-9021	Farm and home management advisors	40	\$44,900	\$40,350
25-9031	Instructional coordinators	1,080	\$49,150	\$48,720
25-9041	Teacher assistants	18,230	\$21,560	\$21,240
25-9099	Education, training, and library workers, all other	720	\$46,440	\$44,530
Arts, Design, Entertainment, Sports, and Media				
27-1011	Art directors	410	\$72,250	\$62,410
27-1013	Fine artists, including painters, sculptors, and illustrators	190	\$29,580	\$25,730
27-1014	Multi-media artists and animators	280	\$49,720	\$47,530
27-1019	Artists and related workers, all other	160	\$30,090	\$28,990
27-1021	Commercial and industrial designers	810	\$50,720	\$45,500
27-1022	Fashion designers	50	\$52,920	\$45,390
27-1023	Floral designers	1,380	\$23,200	\$22,320
27-1024	Graphic designers	2,800	\$40,130	\$38,340
27-1025	Interior designers	1,090	\$49,940	\$41,490
27-1026	Merchandise displayers and window trimmers	1,220	\$22,810	\$20,930
27-1027	Set and exhibit designers	80	\$42,460	\$36,360
27-1029	Designers, all other	190	\$42,920	\$42,320
27-2012	Producers and directors	870	\$56,960	\$49,670
27-2021	Athletes and sports competitors	400	\$154,020	*
27-2022	Coaches and scouts	2,110	\$36,570	\$29,700
27-2023	Umpires, referees, and other sports officials	640	\$25,710	\$20,760
27-2032	Choreographers	80	\$39,060	\$35,310

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

<i>SOC Code</i>	<i>Occupational Title</i>	<i>Employment Estimates</i>	<i>Average Wage</i>	<i>Median Wage</i>
27-2041	Music directors and composers	40	\$35,820	\$34,720
27-3011	Radio and television announcers	750	\$34,750	\$26,140
27-3012	Public address system and other announcers	320	\$23,640	\$21,900
27-3021	Broadcast news analysts	110	\$51,520	\$41,590
27-3022	Reporters and correspondents	860	\$41,150	\$27,580
27-3031	Public relations specialists	3,470	\$50,040	\$44,400
27-3041	Editors	1,930	\$47,020	\$44,810
27-3042	Technical writers	1,470	\$58,530	\$55,810
27-3043	Writers and authors	660	\$52,570	\$45,400
27-3091	Interpreters and translators	910	\$57,160	\$52,280
27-3099	Media and communication workers, all other	450	\$44,640	\$40,270
27-4011	Audio and video equipment technicians	1,240	\$41,510	\$45,010
27-4012	Broadcast technicians	540	\$32,230	\$31,240
27-4014	Sound engineering technicians	170	\$37,980	\$35,320
27-4021	Photographers	950	\$33,510	\$26,930
27-4031	Camera operators, television, video, and motion picture	360	\$34,350	\$32,440
27-4032	Film and video editors	140	\$57,720	\$43,370
27-4099	Media and communication equipment workers, all other	550	\$42,480	\$35,990
<i>Healthcare Practitioners and Technical</i>				
29-1011	Chiropractors	*	\$65,640	\$59,140
29-1021	Dentists, general	*	\$157,460	*
29-1022	Oral and maxillofacial surgeons	*	\$127,570	\$136,770
29-1031	Dietitians and nutritionists	610	\$42,290	\$42,360
29-1041	Optometrists	310	\$86,000	\$85,360
29-1051	Pharmacists	3,340	\$86,310	\$85,880
29-1061	Anesthesiologists	*	\$193,650	*
29-1062	Family and general practitioners	880	\$120,410	\$108,700
29-1063	Internists, general	*	\$150,750	\$140,520
29-1064	Obstetricians and gynecologists	530	\$183,820	*
29-1065	Pediatricians, general	160	\$139,810	\$124,200
29-1066	Psychiatrists	180	\$159,790	*
29-1067	Surgeons	2,060	\$196,050	*
29-1069	Physicians and surgeons, all other	1,630	\$138,510	\$131,300
29-1071	Physician assistants	1,550	\$60,880	\$62,620
29-1081	Podiatrists	*	\$130,150	\$128,790
29-1111	Registered nurses	29,710	\$53,830	\$53,240
29-1121	Audiologists	220	\$49,620	\$49,370
29-1122	Occupational therapists	1,780	\$49,120	\$48,780
29-1123	Physical therapists	3,080	\$53,020	\$53,330
29-1124	Radiation therapists	110	\$62,800	\$64,020
29-1125	Recreational therapists	230	\$34,570	\$34,690
29-1126	Respiratory therapists	1,140	\$44,240	\$43,760
29-1127	Speech-language pathologists	1,550	\$52,550	\$52,400

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
29-1129	Therapists, all other	120	\$57,060	\$40,310
29-1131	Veterinarians	1,520	\$62,530	\$56,870
29-1199	Health diagnosing and treating practitioners, all other	1,020	\$97,850	\$60,540
29-2011	Medical and clinical laboratory technologists	2,230	\$46,290	\$47,220
29-2012	Medical and clinical laboratory technicians	2,290	\$34,110	\$33,100
29-2021	Dental hygienists	3,710	\$72,570	\$75,300
29-2031	Cardiovascular technologists and technicians	380	\$40,360	\$38,130
29-2032	Diagnostic medical sonographers	670	\$60,450	\$59,330
29-2033	Nuclear medicine technologists	230	\$53,000	\$53,030
29-2034	Radiologic technologists and technicians	2,320	\$45,590	\$45,250
29-2041	Emergency medical technicians and paramedics	2,830	\$32,060	\$30,120
29-2051	Dietetic technicians	330	\$23,570	\$23,790
29-2052	Pharmacy technicians	2,950	\$28,000	\$27,590
29-2053	Psychiatric technicians	860	\$30,590	\$30,570
29-2054	Respiratory therapy technicians	160	\$38,760	\$38,850
29-2055	Surgical technologists	890	\$35,580	\$35,860
29-2056	Veterinary technologists and technicians	1,630	\$23,970	\$23,260
29-2061	Licensed practical and licensed vocational nurses	6,890	\$36,260	\$35,710
29-2071	Medical records and health information technicians	2,590	\$30,190	\$27,960
29-2081	Opticians, dispensing	1,740	\$32,810	\$31,480
29-2099	Health technologists and technicians, all other	1,050	\$32,730	\$31,170
29-9011	Occupational health and safety specialists	640	\$58,830	\$58,870
29-9012	Occupational health and safety technicians	200	\$51,470	\$50,280
29-9091	Athletic trainers	270	\$49,580	\$42,640
29-9099	Healthcare practitioners and technical workers, all other	690	\$41,310	\$37,090
Healthcare Support				
31-1011	Home health aides	5,210	\$20,240	\$19,890
31-1012	Nursing aides, orderlies, and attendants	15,460	\$23,540	\$23,090
31-1013	Psychiatric aides	290	\$23,270	\$23,210
31-2011	Occupational therapist assistants	290	\$35,800	\$35,830
31-2012	Occupational therapist aides	80	\$27,360	\$25,950
31-2021	Physical therapist assistants	470	\$33,770	\$33,600
31-2022	Physical therapist aides	680	\$23,020	\$22,710
31-9011	Massage therapists	1,150	\$39,060	\$29,340
31-9091	Dental assistants	4,870	\$35,060	\$35,870
31-9092	Medical assistants	5,550	\$28,460	\$28,200
31-9093	Medical equipment preparers	590	\$26,270	\$25,690
31-9094	Medical transcriptionists	1,210	\$33,640	\$32,990
31-9095	Pharmacy aides	440	\$24,070	\$22,490
31-9099	Healthcare support workers, all other	2,310	\$27,840	\$27,040
Protective Service				
33-1011	First-line supervisors/managers of correctional officers	650	\$59,390	\$60,600
33-1012	First-line supervisors/managers of police and detectives	1,600	\$72,150	\$72,150

* No data available

Table 3b—Average Annual Wages by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
33-1021	First-line supervisors/managers of fire fighting and prevention workers	1,290	\$66,630	\$66,780
33-1099	First-line supervisors/managers, protective service workers, all other	770	\$48,110	\$41,400
33-2011	Fire fighters	4,170	\$47,510	\$47,330
33-2021	Fire inspectors and investigators	230	\$59,740	\$63,790
33-3011	Bailiffs	130	\$30,690	\$27,270
33-3012	Correctional officers and jailers	6,240	\$40,490	\$40,370
33-3021	Detectives and criminal investigators	1,680	\$61,250	\$63,420
33-3031	Fish and game wardens	210	\$47,140	\$48,200
33-3041	Parking enforcement workers	140	\$34,680	\$35,070
33-3051	Police and sheriff's patrol officers	8,840	\$50,200	\$50,440
33-9011	Animal control workers	250	\$31,870	\$31,750
33-9021	Private detectives and investigators	390	\$44,020	\$48,450
33-9031	Gaming surveillance officers and gaming investigators	230	\$26,270	\$23,490
33-9032	Security guards	11,790	\$25,610	\$23,260
33-9091	Crossing guards	1,050	\$25,760	\$24,390
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	2,760	\$18,650	\$18,150
33-9099	Protective service workers, all other	2,260	\$31,810	\$30,200
Food Preparation and Serving Related				
35-1011	Chefs and head cooks	2,540	\$37,150	\$33,960
35-1012	First-line supervisors/managers of food preparation and serving workers	13,530	\$29,130	\$27,390
35-2011	Cooks, fast food	7,240	\$16,630	\$16,420
35-2012	Cooks, institution and cafeteria	4,730	\$22,760	\$22,040
35-2014	Cooks, restaurant	18,930	\$21,340	\$20,770
35-2015	Cooks, short order	3,210	\$19,910	\$20,240
35-2019	Cooks, all other	80	\$27,660	\$27,390
35-2021	Food preparation workers	10,580	\$19,020	\$17,990
35-3011	Bartenders	8,730	\$16,130	\$14,190
35-3021	Combined food preparation and serving workers, including fast food	41,090	\$16,320	\$16,040
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	5,520	\$16,370	\$15,930
35-3031	Waiters and waitresses	44,690	\$16,750	\$14,020
35-3041	Food servers, nonrestaurant	2,710	\$19,270	\$18,860
35-9011	Dining room and cafeteria attendants and bartender helpers	6,440	\$15,180	\$14,340
35-9021	Dishwashers	10,790	\$16,110	\$16,120
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	7,940	\$16,410	\$15,840
35-9099	Food preparation and serving related workers, all other	3,030	\$19,960	\$19,800

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Building and Grounds Cleaning and Maintenance				
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	3,580	\$31,150	\$28,440
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	1,850	\$42,950	\$43,120
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	34,360	\$20,600	\$19,200
37-2012	Maids and housekeeping cleaners	14,320	\$18,630	\$17,820
37-2019	Building cleaning workers, all other	*	\$23,790	\$18,100
37-2021	Pest control workers	330	\$33,020	\$31,130
37-3011	Landscaping and groundskeeping workers	17,140	\$23,500	\$21,640
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	330	\$27,610	\$26,160
37-3013	Tree trimmers and pruners	320	\$31,920	\$31,670
37-3019	Grounds maintenance workers, all other	300	\$25,040	\$21,100
Personal Care and Service				
39-1011	Gaming supervisors	140	\$36,310	\$35,000
39-1012	Slot key persons	320	\$28,010	\$27,120
39-1021	First-line supervisors/managers of personal service workers	2,530	\$33,980	\$30,510
39-2011	Animal trainers	*	\$26,030	\$19,680
39-2021	Nonfarm animal caretakers	1,590	\$20,040	\$18,570
39-3012	Gaming and sports book writers and runners	*	\$18,690	\$17,640
39-3019	Gaming service workers, all other	90	\$23,500	\$21,790
39-3021	Motion picture projectionists	110	\$22,120	\$19,560
39-3031	Ushers, lobby attendants, and ticket takers	2,610	\$14,590	\$14,630
39-3091	Amusement and recreation attendants	4,630	\$18,110	\$17,000
39-3092	Costume attendants	70	\$27,740	\$24,580
39-3093	Locker room, coatroom, and dressing room attendants	400	\$19,500	\$18,620
39-4011	Embalmers	70	\$27,840	\$26,970
39-4021	Funeral attendants	*	\$20,610	\$19,530
39-5011	Barbers	90	\$23,660	\$22,430
39-5012	Hairdressers, hairstylists, and cosmetologists	5,060	\$26,770	\$23,540
39-5092	Manicurists and pedicurists	570	\$21,270	\$19,050
39-5093	Shampooers	140	\$15,240	\$14,870
39-5094	Skin care specialists	850	\$21,930	\$16,310
39-6011	Baggage porters and bellhops	740	\$20,860	\$17,440
39-6012	Concierges	580	\$24,570	\$24,540
39-6021	Tour guides and escorts	840	\$20,420	\$19,800
39-6032	Transportation attendants, except flight attendants and baggage porters	180	\$21,680	\$21,270
39-9011	Child care workers	8,710	\$19,110	\$18,030
39-9021	Personal and home care aides	8,680	\$17,920	\$17,280
39-9031	Fitness trainers and aerobics instructors	5,200	\$33,170	\$31,050
39-9032	Recreation workers	4,530	\$24,310	\$21,780

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
39-9041	Residential advisors	330	\$21,330	\$20,120
39-9099	Personal care and service workers, all other	950	\$21,750	\$22,290
Sales and Related				
41-1011	First-line supervisors/managers of retail sales workers	16,720	\$39,950	\$35,170
41-1012	First-line supervisors/managers of non-retail sales workers	5,940	\$72,950	\$68,350
41-2011	Cashiers	52,260	\$19,760	\$18,050
41-2012	Gaming change persons and booth cashiers	1,010	\$24,030	\$24,400
41-2021	Counter and rental clerks	9,100	\$22,260	\$20,080
41-2022	Parts salespersons	3,690	\$31,440	\$28,490
41-2031	Retail salespersons	78,390	\$24,240	\$20,160
41-3011	Advertising sales agents	2,030	\$49,680	\$40,670
41-3021	Insurance sales agents	5,100	\$56,500	\$44,520
41-3031	Securities, commodities, and financial services sales agents	6,040	\$82,060	\$54,660
41-3041	Travel agents	1,320	\$28,150	\$26,580
41-3099	Sales representatives, services, all other	9,430	\$54,300	\$46,730
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	5,690	\$74,370	\$63,720
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	27,510	\$55,060	\$47,990
41-9011	Demonstrators and product promoters	2,230	\$25,570	\$21,100
41-9021	Real estate brokers	1,570	\$61,330	\$50,630
41-9022	Real estate sales agents	2,320	\$50,260	\$41,850
41-9031	Sales engineers	1,110	\$81,190	\$70,730
41-9041	Telemarketers	8,230	\$23,720	\$20,190
41-9091	Door-to-door sales workers, news and street vendors, and related workers	130	\$29,090	\$27,700
41-9099	Sales and related workers, all other	*	\$36,480	\$31,290
Office and Administrative Support				
43-1011	First-line supervisors/managers of office and administrative support workers	22,840	\$47,250	\$44,790
43-2011	Switchboard operators, including answering service	2,480	\$23,430	\$22,930
43-2021	Telephone operators	*	\$22,260	\$21,690
43-2099	Communications equipment operators, all other	50	\$37,080	\$38,210
43-3011	Bill and account collectors	9,260	\$30,600	\$29,580
43-3021	Billing and posting clerks and machine operators	8,110	\$28,110	\$28,060
43-3031	Bookkeeping, accounting, and auditing clerks	31,600	\$31,640	\$31,180
43-3041	Gaming cage workers	380	\$25,300	\$25,870
43-3051	Payroll and timekeeping clerks	3,140	\$33,920	\$33,750
43-3061	Procurement clerks	1,130	\$33,350	\$33,460
43-3071	Tellers	7,220	\$23,300	\$22,860
43-4011	Brokerage clerks	790	\$33,690	\$31,890
43-4021	Correspondence clerks	260	\$31,590	\$30,980
43-4031	Court, municipal, and license clerks	2,320	\$34,370	\$33,910

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
43-4041	Credit authorizers, checkers, and clerks	1,320	\$30,400	\$28,610
43-4051	Customer service representatives	36,670	\$29,020	\$27,470
43-4061	Eligibility interviewers, government programs	870	\$31,870	\$31,590
43-4071	File clerks	3,430	\$23,710	\$22,790
43-4081	Hotel, motel, and resort desk clerks	4,000	\$20,220	\$19,990
43-4111	Interviewers, except eligibility and loan	3,760	\$27,320	\$26,520
43-4121	Library assistants, clerical	1,150	\$22,540	\$22,020
43-4131	Loan interviewers and clerks	6,290	\$34,190	\$33,680
43-4141	New accounts clerks	2,020	\$28,170	\$27,830
43-4151	Order clerks	6,020	\$28,520	\$26,960
43-4161	Human resources assistants, except payroll and timekeeping	2,900	\$34,900	\$34,480
43-4171	Receptionists and information clerks	19,600	\$24,720	\$24,250
43-4181	Reservation and transportation ticket agents and travel clerks	4,210	\$31,240	\$27,950
43-4199	All other information and record clerks	4,770	\$41,050	\$35,810
43-5011	Cargo and freight agents	770	\$33,000	\$30,970
43-5021	Couriers and messengers	1,860	\$21,680	\$20,890
43-5031	Police, fire, and ambulance dispatchers	1,540	\$35,530	\$35,790
43-5032	Dispatchers, except police, fire, and ambulance	2,520	\$34,210	\$32,580
43-5041	Meter readers, utilities	660	\$31,870	\$31,650
43-5051	Postal service clerks	1,400	\$40,230	\$40,350
43-5052	Postal service mail carriers	5,430	\$43,210	\$43,480
43-5053	Postal service mail sorters, processors, and processing machine operators	3,920	\$37,690	\$39,350
43-5061	Production, planning, and expediting clerks	4,800	\$39,640	\$39,650
43-5071	Shipping, receiving, and traffic clerks	9,340	\$26,910	\$26,090
43-5081	Stock clerks and order fillers	20,230	\$23,750	\$22,160
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	1,520	\$26,960	\$25,510
43-6011	Executive secretaries and administrative assistants	19,850	\$39,550	\$38,440
43-6012	Legal secretaries	6,060	\$36,610	\$35,330
43-6013	Medical secretaries	4,260	\$32,250	\$30,580
43-6014	Secretaries, except legal, medical, and executive	20,480	\$29,340	\$28,930
43-9011	Computer operators	2,350	\$37,480	\$36,150
43-9021	Data entry keyers	3,960	\$26,140	\$25,530
43-9022	Word processors and typists	1,260	\$33,280	\$32,540
43-9031	Desktop publishers	*	\$36,360	\$38,570
43-9041	Insurance claims and policy processing clerks	3,080	\$30,110	\$29,940
43-9051	Mail clerks and mail machine operators, except postal service	1,990	\$26,190	\$26,280
43-9061	Office clerks, general	56,000	\$26,570	\$25,980
43-9071	Office machine operators, except computer	1,430	\$26,270	\$25,400
43-9081	Proofreaders and copy markers	380	\$28,710	\$27,550
43-9111	Statistical assistants	160	\$36,450	\$35,330
43-9199	Office and administrative support workers, all other	11,440	\$30,670	\$30,740

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Farming, Fishing, and Forestry				
45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	260	\$39,410	\$32,760
45-2011	Agricultural inspectors	280	\$34,550	\$34,130
45-2041	Graders and sorters, agricultural products	650	\$16,040	\$14,500
45-2091	Agricultural equipment operators	50	\$23,390	\$22,210
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	2,220	\$21,010	\$16,590
45-2093	Farmworkers, farm and ranch animals	770	\$19,310	\$18,670
45-2099	Agricultural workers, all other	60	\$22,270	\$20,270
45-4011	Forest and conservation workers	50	\$33,510	\$35,600
45-4022	Logging equipment operators	*	\$27,620	\$27,230
Construction and Extraction				
47-1011	First-line supervisors/managers of construction trades and extraction workers	13,120	\$54,860	\$52,530
47-2011	Boilermakers	*	\$32,220	\$32,110
47-2021	Brickmasons and blockmasons	2,110	\$45,630	\$46,990
47-2022	Stonemasons	480	\$38,010	\$36,400
47-2031	Carpenters	16,100	\$37,110	\$35,700
47-2041	Carpet installers	420	\$35,670	\$33,470
47-2042	Floor layers, except carpet, wood, and hard tiles	210	\$43,430	\$41,970
47-2043	Floor sanders and finishers	130	\$30,120	\$29,990
47-2044	Tile and marble setters	560	\$36,590	\$36,450
47-2051	Cement masons and concrete finishers	4,350	\$31,530	\$30,920
47-2053	Terrazzo workers and finishers	*	\$26,370	\$28,880
47-2061	Construction laborers	17,640	\$26,340	\$25,660
47-2071	Paving, surfacing, and tamping equipment operators	1,490	\$33,320	\$32,930
47-2072	Pile-driver operators	110	\$40,660	\$38,930
47-2073	Operating engineers and other construction equipment operators	8,070	\$37,970	\$37,220
47-2081	Drywall and ceiling tile installers	4,140	\$33,640	\$33,500
47-2082	Tapers	890	\$33,820	\$33,890
47-2111	Electricians	11,710	\$43,860	\$44,500
47-2121	Glaziers	1,320	\$35,620	\$35,700
47-2131	Insulation workers, floor, ceiling, and wall	460	\$27,420	\$25,790
47-2132	Insulation workers, mechanical	370	\$28,590	\$27,850
47-2141	Painters, construction and maintenance	5,000	\$31,670	\$31,200
47-2142	Paperhangers	60	\$38,120	\$38,720
47-2151	Pipelayers	1,810	\$30,640	\$29,270
47-2152	Plumbers, pipefitters, and steamfitters	8,320	\$41,660	\$41,940
47-2161	Plasterers and stucco masons	850	\$29,810	\$29,380
47-2171	Reinforcing iron and rebar workers	400	\$28,380	\$26,160
47-2181	Roofers	2,440	\$30,430	\$30,470
47-2211	Sheet metal workers	3,830	\$33,110	\$31,600

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
47-2221	Structural iron and steel workers	750	\$40,320	\$39,750
47-3011	Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	1,310	\$27,650	\$26,980
47-3012	Helpers--carpenters	980	\$23,120	\$22,600
47-3013	Helpers--electricians	1,930	\$29,140	\$28,320
47-3014	Helpers--painters, paperhangers, plasterers, and stucco masons	280	\$22,080	\$21,940
47-3015	Helpers--pipelayers, plumbers, pipefitters, and steamfitters	950	\$28,960	\$28,410
47-3016	Helpers--roofers	210	\$23,740	\$22,840
47-3019	Helpers, construction trades, all other	210	\$22,280	\$21,960
47-4011	Construction and building inspectors	1,520	\$47,770	\$48,280
47-4021	Elevator installers and repairers	200	\$52,630	\$53,520
47-4051	Highway maintenance workers	2,920	\$34,110	\$34,850
47-4061	Rail-track laying and maintenance equipment operators	180	\$39,930	\$40,710
47-4071	Septic tank servicers and sewer pipe cleaners	300	\$38,050	\$37,220
47-4099	Construction and related workers, all other	530	\$35,530	\$34,910
47-5011	Derrick operators, oil and gas	*	\$43,590	\$41,940
47-5012	Rotary drill operators, oil and gas	270	\$42,160	\$43,650
47-5013	Service unit operators, oil, gas, and mining	620	\$38,000	\$34,720
47-5021	Earth drillers, except oil and gas	390	\$37,860	\$37,370
47-5031	Explosives workers, ordnance handling experts, and blasters	50	\$41,180	\$40,860
47-5041	Continuous mining machine operators	150	\$39,340	\$40,080
47-5049	Mining machine operators, all other	60	\$37,940	\$37,120
47-5051	Rock splitters, quarry	80	\$29,080	\$26,480
47-5061	Roof bolters, mining	50	\$40,610	\$41,330
47-5071	Roustabouts, oil and gas	710	\$28,300	\$27,560
47-5081	Helpers--extraction workers	380	\$28,550	\$26,670
47-5099	Extraction workers, all other	*	\$33,410	\$32,760
Installation, Maintenance, and Repair				
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	7,950	\$54,790	\$51,810
49-2011	Computer, automated teller, and office machine repairers	3,360	\$37,370	\$35,860
49-2021	Radio mechanics	70	\$43,870	\$47,940
49-2022	Telecommunications equipment installers and repairers, except line installers	6,020	\$51,080	\$51,640
49-2091	Avionics technicians	220	\$45,710	\$44,420
49-2092	Electric motor, power tool, and related repairers	540	\$34,160	\$34,600
49-2093	Electrical and electronics installers and repairers, transportation equipment	160	\$44,180	\$44,560
49-2094	Electrical and electronics repairers, commercial and industrial equipment	1,010	\$45,840	\$45,080
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	320	\$54,030	\$54,700

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
49-2096	Electronic equipment installers and repairers, motor vehicles	180	\$28,030	\$27,130
49-2097	Electronic home entertainment equipment installers and repairers	970	\$30,810	\$29,520
49-2098	Security and fire alarm systems installers	840	\$39,390	\$38,290
49-3011	Aircraft mechanics and service technicians	1,740	\$46,700	\$43,900
49-3021	Automotive body and related repairers	2,580	\$48,360	\$46,440
49-3022	Automotive glass installers and repairers	310	\$25,710	\$24,240
49-3023	Automotive service technicians and mechanics	10,400	\$36,880	\$35,580
49-3031	Bus and truck mechanics and diesel engine specialists	5,030	\$42,060	\$40,340
49-3041	Farm equipment mechanics	310	\$28,440	\$27,940
49-3042	Mobile heavy equipment mechanics, except engines	2,160	\$40,170	\$40,430
49-3043	Rail car repairers	170	\$46,130	\$45,710
49-3051	Motorboat mechanics	50	\$28,670	\$27,920
49-3052	Motorcycle mechanics	400	\$34,460	\$33,230
49-3053	Outdoor power equipment and other small engine mechanics	330	\$25,470	\$21,440
49-3091	Bicycle repairers	*	\$22,650	\$21,550
49-3092	Recreational vehicle service technicians	310	\$35,090	\$32,870
49-3093	Tire repairers and changers	2,850	\$21,630	\$20,930
49-9011	Mechanical door repairers	520	\$34,780	\$34,230
49-9012	Control and valve installers and repairers, except mechanical door	520	\$32,010	\$28,260
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	2,920	\$40,170	\$38,440
49-9031	Home appliance repairers	450	\$40,970	\$38,460
49-9041	Industrial machinery mechanics	1,970	\$42,180	\$42,210
49-9042	Maintenance and repair workers, general	18,030	\$32,960	\$31,720
49-9043	Maintenance workers, machinery	610	\$36,220	\$35,260
49-9044	Millwrights	280	\$41,440	\$41,430
49-9051	Electrical power-line installers and repairers	1,730	\$51,750	\$52,660
49-9052	Telecommunications line installers and repairers	1,890	\$34,400	\$33,580
49-9061	Camera and photographic equipment repairers	60	\$31,820	\$32,280
49-9062	Medical equipment repairers	760	\$43,050	\$43,220
49-9063	Musical instrument repairers and tuners	*	\$29,080	\$27,600
49-9069	Precision instrument and equipment repairers, all other	60	\$49,340	\$51,040
49-9091	Coin, vending, and amusement machine servicers and repairers	780	\$30,720	\$28,770
49-9094	Locksmiths and safe repairers	320	\$30,880	\$28,730
49-9095	Manufactured building and mobile home installers	50	\$27,840	\$27,700
49-9096	Riggers	*	\$44,390	\$47,920
49-9098	Helpers--installation, maintenance, and repair workers	1,830	\$27,030	\$23,740
49-9099	Installation, maintenance, and repair workers, all other	3,480	\$32,330	\$31,450

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
Production				
51-1011	First-line supervisors/managers of production and operating workers	7,600	\$50,080	\$47,250
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	*	\$48,960	\$50,360
51-2021	Coil winders, tapers, and finishers	170	\$28,980	\$26,660
51-2022	Electrical and electronic equipment assemblers	3,790	\$25,070	\$23,540
51-2023	Electromechanical equipment assemblers	1,080	\$26,790	\$25,880
51-2041	Structural metal fabricators and fitters	1,010	\$32,950	\$32,630
51-2092	Team assemblers	9,190	\$25,150	\$24,220
51-2099	Assemblers and fabricators, all other	4,770	\$23,310	\$21,820
51-3011	Bakers	2,480	\$25,090	\$23,840
51-3021	Butchers and meat cutters	2,400	\$30,460	\$30,930
51-3022	Meat, poultry, and fish cutters and trimmers	2,280	\$23,960	\$22,740
51-3023	Slaughterers and meat packers	*	\$22,540	\$22,970
51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders	200	\$27,480	\$30,100
51-3092	Food batchmakers	1,180	\$21,890	\$20,530
51-3093	Food cooking machine operators and tenders	430	\$21,160	\$20,330
51-4011	Computer-controlled machine tool operators, metal and plastic	1,450	\$31,950	\$31,180
51-4012	Numerical tool and process control programmers	190	\$48,000	\$49,020
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	510	\$30,120	\$30,190
51-4022	Forging machine setters, operators, and tenders, metal and plastic	170	\$29,840	\$30,710
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	100	\$30,790	\$31,370
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	2,350	\$32,320	\$30,520
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	*	\$26,940	\$25,340
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	920	\$25,990	\$24,580
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	300	\$33,380	\$32,010
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	230	\$30,520	\$28,230
51-4041	Machinists	3,300	\$37,290	\$37,140
51-4052	Pourers and casters, metal	70	\$23,910	\$21,750
51-4061	Model makers, metal and plastic	90	\$47,520	\$47,500
51-4071	Foundry mold and coremakers	170	\$23,490	\$22,180
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	1,630	\$22,860	\$20,960
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	1,280	\$26,810	\$25,860
51-4111	Tool and die makers	550	\$44,490	\$44,460

* No data available

Table 3b—Average Annual Wages by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
51-4121	Welders, cutters, solderers, and brazers	4,040	\$33,070	\$32,120
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	260	\$30,810	\$30,930
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	140	\$30,650	\$31,670
51-4192	Lay-out workers, metal and plastic	100	\$36,250	\$33,660
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	300	\$27,050	\$25,140
51-4194	Tool grinders, filers, and sharpeners	110	\$29,120	\$24,480
51-4199	Metal workers and plastic workers, all other	520	\$30,580	\$29,290
51-5011	Bindery workers	1,050	\$24,660	\$21,970
51-5012	Bookbinders	*	\$32,630	\$33,680
51-5021	Job printers	1,550	\$39,160	\$40,120
51-5022	Prepress technicians and workers	940	\$35,090	\$33,580
51-5023	Printing machine operators	1,990	\$35,600	\$34,620
51-6011	Laundry and dry-cleaning workers	3,930	\$22,190	\$20,360
51-6021	Pressers, textile, garment, and related materials	960	\$18,800	\$18,280
51-6031	Sewing machine operators	1,570	\$21,720	\$20,860
51-6041	Shoe and leather workers and repairers	*	\$27,980	\$28,290
51-6051	Sewers, hand	50	\$20,840	\$20,760
51-6052	Tailors, dressmakers, and custom sewers	*	\$27,030	\$26,150
51-6062	Textile cutting machine setters, operators, and tenders	40	\$23,610	\$21,420
51-6063	Textile knitting and weaving machine setters, operators, and tenders	50	\$28,810	\$30,180
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	*	\$23,390	\$23,050
51-6093	Upholsterers	300	\$25,860	\$26,680
51-6099	Textile, apparel, and furnishings workers, all other	150	\$21,750	\$21,420
51-7011	Cabinetmakers and bench carpenters	2,250	\$29,250	\$28,900
51-7021	Furniture finishers	300	\$32,190	\$31,460
51-7041	Sawing machine setters, operators, and tenders, wood	390	\$25,580	\$24,680
51-7042	Woodworking machine setters, operators, and tenders, except sawing	680	\$26,620	\$24,950
51-7099	Woodworkers, all other	80	\$22,840	\$22,000
51-8012	Power distributors and dispatchers	170	\$59,510	\$61,160
51-8013	Power plant operators	470	\$51,650	\$51,780
51-8021	Stationary engineers and boiler operators	880	\$44,040	\$44,210
51-8031	Water and liquid waste treatment plant and system operators	1,960	\$42,880	\$45,820
51-8091	Chemical plant and system operators	320	\$40,180	\$39,170
51-8092	Gas plant operators	350	\$49,610	\$49,340
51-8093	Petroleum pump system operators, refinery operators, and gaugers	*	\$49,340	\$50,750
51-8099	Plant and system operators, all other	320	\$43,410	\$44,230
51-9011	Chemical equipment operators and tenders	210	\$32,630	\$32,120

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

Colorado OES Wage Survey: May 2004 (Released Sept. 30, 2005)

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	600	\$35,650	\$33,640
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	560	\$29,970	\$28,020
51-9022	Grinding and polishing workers, hand	620	\$25,280	\$23,110
51-9023	Mixing and blending machine setters, operators, and tenders	860	\$29,040	\$29,570
51-9031	Cutters and trimmers, hand	140	\$22,280	\$21,420
51-9032	Cutting and slicing machine setters, operators, and tenders	570	\$26,580	\$25,590
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	310	\$25,810	\$24,330
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	280	\$31,350	\$30,430
51-9061	Inspectors, testers, sorters, samplers, and weighers	4,590	\$32,400	\$29,780
51-9071	Jewelers and precious stone and metal workers	330	\$33,530	\$29,440
51-9081	Dental laboratory technicians	640	\$35,370	\$32,620
51-9082	Medical appliance technicians	160	\$29,570	\$29,390
51-9083	Ophthalmic laboratory technicians	480	\$30,860	\$31,500
51-9111	Packaging and filling machine operators and tenders	3,600	\$23,600	\$22,170
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	700	\$28,230	\$27,050
51-9122	Painters, transportation equipment	680	\$49,950	\$47,690
51-9123	Painting, coating, and decorating workers	360	\$26,210	\$25,350
51-9131	Photographic process workers	620	\$25,860	\$24,150
51-9132	Photographic processing machine operators	980	\$23,570	\$22,470
51-9191	Cementing and gluing machine operators and tenders	140	\$25,290	\$24,190
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	180	\$25,510	\$22,180
51-9193	Cooling and freezing equipment operators and tenders	70	\$28,410	\$28,980
51-9194	Etchers and engravers	110	\$22,830	\$21,790
51-9195	Molders, shapers, and casters, except metal and plastic	1,090	\$26,860	\$26,230
51-9196	Paper goods machine setters, operators, and tenders	790	\$31,420	\$32,380
51-9198	Helpers--production workers	3,470	\$22,410	\$20,690
51-9199	Production workers, all other	1,950	\$25,090	\$22,580
Transportation and Material Moving				
53-1011	Aircraft cargo handling supervisors	140	\$40,360	\$32,380
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	2,300	\$42,250	\$40,360
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	3,970	\$48,500	\$45,600
53-2011	Airline pilots, copilots, and flight engineers	2,560	\$96,040	\$91,140
53-2012	Commercial pilots	400	\$48,070	\$40,710
53-2021	Air traffic controllers	650	\$104,580	\$116,310
53-2022	Airfield operations specialists	140	\$44,440	\$41,360
53-3011	Ambulance drivers and attendants, except emergency medical technicians	240	\$27,450	\$21,140

* No data available

Table 3b—Average Annual Wages
by Occupational Code, continued

SOC Code	Occupational Title	Employment Estimates	Average Wage	Median Wage
53-3021	Bus drivers, transit and intercity	3,630	\$30,220	\$29,210
53-3022	Bus drivers, school	5,050	\$26,890	\$26,580
53-3031	Driver/sales workers	6,170	\$24,070	\$21,600
53-3032	Truck drivers, heavy and tractor-trailer	21,370	\$34,990	\$34,200
53-3033	Truck drivers, light or delivery services	16,060	\$28,750	\$27,660
53-3041	Taxi drivers and chauffeurs	1,620	\$20,810	\$20,510
53-3099	Motor vehicle operators, all other	1,470	\$26,030	\$24,070
53-4021	Railroad brake, signal, and switch operators	*	\$55,550	\$57,570
53-4031	Railroad conductors and yardmasters	*	\$64,150	\$63,760
53-6021	Parking lot attendants	1,830	\$17,600	\$17,200
53-6031	Service station attendants	2,060	\$20,620	\$19,590
53-6041	Traffic technicians	120	\$33,950	\$33,200
53-6051	Transportation inspectors	*	\$40,610	\$23,520
53-7011	Conveyor operators and tenders	510	\$29,650	\$27,220
53-7021	Crane and tower operators	510	\$41,000	\$40,810
53-7032	Excavating and loading machine and dragline operators	2,770	\$37,020	\$36,830
53-7033	Loading machine operators, underground mining	*	\$38,540	\$39,790
53-7051	Industrial truck and tractor operators	7,370	\$28,770	\$28,260
53-7061	Cleaners of vehicles and equipment	6,070	\$21,350	\$20,590
53-7062	Laborers and freight, stock, and material movers, hand	29,730	\$22,940	\$21,990
53-7063	Machine feeders and offbearers	1,210	\$23,880	\$23,740
53-7064	Packers and packagers, hand	8,020	\$18,670	\$17,270
53-7072	Pump operators, except wellhead pumpers	100	\$34,370	\$29,330
53-7073	Wellhead pumpers	590	\$34,370	\$33,170
53-7081	Refuse and recyclable material collectors	1,110	\$28,400	\$27,270
53-7111	Shuttle car operators	180	\$37,930	\$38,220
53-7199	Material moving workers, all other	1,310	\$24,870	\$22,220

* No data available

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment

Table 4a—Hourly Wage Distribution by Occupational Code

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Management						
11-1011	Chief executives	\$40.72	\$56.11	*	*	*
11-1021	General and operations managers	\$19.97	\$27.33	\$41.06	\$62.64	*
11-2011	Advertising and promotions managers	\$15.36	\$20.78	\$28.00	\$40.33	\$54.28
11-2021	Marketing managers	\$22.46	\$27.81	\$37.87	\$54.00	*
11-2022	Sales managers	\$20.47	\$26.01	\$41.49	\$59.57	*
11-2031	Public relations managers	\$20.13	\$26.00	\$35.16	\$47.81	\$60.57
11-3011	Administrative services managers	\$18.15	\$23.18	\$31.11	\$40.37	\$52.22
11-3021	Computer and information systems managers	\$31.96	\$39.99	\$49.31	\$59.51	*
11-3031	Financial managers	\$25.72	\$32.37	\$42.12	\$55.22	*
11-3041	Compensation and benefits managers	\$19.27	\$23.43	\$30.68	\$39.63	\$54.15
11-3042	Training and development managers	\$20.41	\$26.01	\$33.94	\$43.65	\$59.59
11-3049	Human resources managers, all other	\$25.27	\$32.67	\$41.20	\$52.04	\$62.98
11-3051	Industrial production managers	\$22.51	\$28.70	\$35.76	\$46.99	\$62.09
11-3061	Purchasing managers	\$24.47	\$31.16	\$39.15	\$50.67	\$61.65
11-3071	Transportation, storage, and distribution managers	\$20.51	\$25.11	\$31.93	\$40.56	\$50.32
11-9011	Farm, ranch, and other agricultural managers	\$15.72	\$17.77	\$25.55	\$30.11	\$40.63
11-9021	Construction managers	\$22.60	\$27.72	\$33.53	\$42.25	\$54.36
11-9031	Education administrators, preschool and child care center/program	\$10.54	\$12.24	\$14.63	\$18.80	\$26.57
11-9033	Education administrators, postsecondary	\$18.98	\$24.42	\$31.61	\$42.15	\$57.14
11-9039	Education administrators, all other	\$15.85	\$22.35	\$29.27	\$37.03	\$43.79
11-9041	Engineering managers	\$34.58	\$40.11	\$48.14	\$60.53	*
11-9051	Food service managers	\$15.03	\$17.99	\$22.15	\$33.31	\$43.74
11-9061	Funeral directors	\$13.76	\$15.25	\$16.84	\$19.42	\$24.81
11-9071	Gaming managers	\$17.74	\$19.11	\$21.31	\$27.20	\$33.65
11-9081	Lodging managers	\$11.77	\$14.25	\$17.69	\$28.03	\$42.56
11-9111	Medical and health services managers	\$21.19	\$25.99	\$32.74	\$42.39	\$53.05
11-9121	Natural sciences managers	\$24.96	\$32.70	\$43.12	\$53.65	\$64.44
11-9131	Postmasters and mail superintendents	\$15.66	\$19.33	\$23.60	\$27.25	\$33.45
11-9141	Property, real estate, and community association managers	\$11.59	\$14.15	\$19.98	\$30.44	\$46.43
11-9151	Social and community service managers	\$14.61	\$17.44	\$22.20	\$28.17	\$37.69
11-9199	Managers, all other	\$21.98	\$30.18	\$40.69	\$51.57	\$63.65

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Business and Financial Operations						
13-1011	Agents and business managers of artists, performers, and athletes	\$14.79	\$24.03	\$29.64	\$43.84	*
13-1021	Purchasing agents and buyers, farm products	\$12.84	\$14.46	\$20.00	\$26.52	\$35.94
13-1022	Wholesale and retail buyers, except farm products	\$11.70	\$14.33	\$17.98	\$23.97	\$32.38
13-1023	Purchasing agents, except wholesale, retail, and farm products	\$15.66	\$19.24	\$23.92	\$29.48	\$36.50
13-1031	Claims adjusters, examiners, and investigators	\$15.57	\$19.18	\$23.90	\$30.72	\$40.43
13-1032	Insurance appraisers, auto damage	\$19.51	\$23.20	\$25.43	\$27.70	\$29.19
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	\$17.07	\$20.62	\$26.28	\$32.69	\$39.43
13-1051	Cost estimators	\$15.71	\$19.30	\$24.22	\$31.30	\$39.13
13-1061	Emergency management specialists	\$19.16	\$24.28	\$31.58	\$40.40	\$50.23
13-1071	Employment, recruitment, and placement specialists	\$13.09	\$16.04	\$20.57	\$28.48	\$36.38
13-1072	Compensation, benefits, and job analysis specialists	\$15.13	\$18.03	\$23.54	\$30.64	\$36.71
13-1073	Training and development specialists	\$13.46	\$16.29	\$21.92	\$29.25	\$36.05
13-1079	Human resources, training, and labor relations specialists, all other	\$15.55	\$19.81	\$25.13	\$32.07	\$39.99
13-1081	Logisticians	\$20.32	\$24.48	\$30.27	\$38.18	\$46.20
13-1111	Management analysts	\$18.18	\$23.63	\$31.51	\$42.74	\$63.47
13-1121	Meeting and convention planners	\$12.26	\$14.98	\$19.11	\$24.09	\$30.24
13-1199	Business operations specialists, all other	\$15.45	\$20.73	\$27.53	\$36.60	\$46.58
13-2011	Accountants and auditors	\$15.79	\$19.67	\$24.80	\$32.39	\$42.44
13-2021	Appraisers and assessors of real estate	\$14.35	\$18.67	\$24.67	\$34.38	\$61.49
13-2031	Budget analysts	\$19.57	\$23.47	\$28.36	\$34.40	\$40.66
13-2041	Credit analysts	\$14.91	\$19.16	\$25.00	\$32.11	\$40.67
13-2051	Financial analysts	\$17.35	\$21.51	\$28.53	\$38.61	\$54.15
13-2052	Personal financial advisors	\$14.13	\$17.18	\$23.88	\$34.38	\$63.83
13-2053	Insurance underwriters	\$16.60	\$20.94	\$27.11	\$36.02	\$43.93
13-2061	Financial examiners	\$16.98	\$21.65	\$32.89	\$41.62	\$52.54
13-2071	Loan counselors	\$11.87	\$13.23	\$16.61	\$22.03	\$27.30
13-2072	Loan officers	\$14.25	\$18.25	\$25.15	\$33.70	\$47.48
13-2081	Tax examiners, collectors, and revenue agents	\$15.85	\$19.63	\$25.14	\$34.81	\$41.71
13-2082	Tax preparers	\$8.62	\$13.52	\$19.22	\$23.54	\$27.21
13-2099	Financial specialists, all other	\$16.20	\$20.85	\$27.04	\$34.16	\$44.72

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Computer and Mathematical						
15-1011	Computer and information scientists, research	\$24.48	\$32.63	\$41.55	\$50.46	\$56.87
15-1021	Computer programmers	\$18.23	\$24.09	\$31.39	\$40.80	\$51.54
15-1031	Computer software engineers, applications	\$25.80	\$31.04	\$37.65	\$43.86	\$54.84
15-1032	Computer software engineers, systems software	\$27.12	\$32.48	\$39.38	\$45.94	\$53.71
15-1041	Computer support specialists	\$13.02	\$16.69	\$21.29	\$26.97	\$35.48
15-1051	Computer systems analysts	\$22.27	\$27.89	\$34.58	\$41.52	\$47.46
15-1061	Database administrators	\$17.88	\$23.07	\$28.87	\$38.71	\$44.95
15-1071	Network and computer systems administrators	\$19.18	\$23.42	\$29.78	\$37.57	\$44.79
15-1081	Network systems and data communications analysts	\$19.59	\$24.08	\$30.46	\$37.73	\$44.21
15-1099	Computer specialists, all other	\$19.14	\$24.50	\$31.15	\$39.32	\$48.56
15-2011	Actuaries	\$22.55	\$30.67	\$39.65	\$45.02	\$54.32
15-2021	Mathematicians	\$20.84	\$25.51	\$40.07	\$48.32	\$53.99
15-2031	Operations research analysts	\$20.19	\$24.31	\$30.60	\$39.26	\$46.00
15-2041	Statisticians	\$19.66	\$23.40	\$27.97	\$35.33	\$43.11
Architecture and Engineering						
17-1011	Architects, except landscape and naval	\$17.90	\$20.43	\$25.65	\$34.25	\$42.44
17-1012	Landscape architects	\$17.21	\$20.10	\$24.85	\$31.32	\$37.85
17-1021	Cartographers and photogrammetrists	\$17.58	\$20.77	\$26.24	\$32.57	\$39.40
17-1022	Surveyors	\$14.49	\$16.40	\$21.11	\$26.58	\$32.42
17-2011	Aerospace engineers	\$25.44	\$30.76	\$37.51	\$43.60	\$51.38
17-2021	Agricultural engineers	\$19.36	\$23.17	\$28.81	\$33.18	\$40.69
17-2031	Biomedical engineers	\$23.33	\$27.45	\$31.61	\$35.96	\$43.35
17-2041	Chemical engineers	\$23.99	\$30.41	\$39.03	\$50.41	\$61.25
17-2051	Civil engineers	\$20.63	\$24.22	\$29.62	\$36.68	\$44.83
17-2061	Computer hardware engineers	\$30.39	\$36.36	\$46.40	\$56.25	\$66.70
17-2071	Electrical engineers	\$23.63	\$28.45	\$34.75	\$42.48	\$51.89
17-2072	Electronics engineers, except computer	\$25.76	\$30.65	\$37.23	\$46.07	\$56.64
17-2081	Environmental engineers	\$20.08	\$26.23	\$34.73	\$41.27	\$48.68
17-2111	Health and safety engineers, except mining safety engineers and inspectors	\$23.36	\$27.92	\$35.11	\$41.62	\$48.60
17-2112	Industrial engineers	\$23.24	\$27.92	\$34.69	\$43.09	\$51.91

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
17-2131	Materials engineers	\$22.58	\$26.75	\$34.31	\$43.25	\$52.94
17-2141	Mechanical engineers	\$21.19	\$25.74	\$32.71	\$40.82	\$50.09
17-2151	Mining and geological engineers, including mining safety engineers	\$22.27	\$25.91	\$34.91	\$46.20	\$54.73
17-2171	Petroleum engineers	\$26.06	\$33.91	\$44.37	\$55.05	\$66.68
17-2199	Engineers, all other	\$21.32	\$27.18	\$36.07	\$46.68	\$56.53
17-3011	Architectural and civil drafters	\$14.33	\$16.70	\$20.53	\$24.83	\$28.35
17-3012	Electrical and electronics drafters	\$13.93	\$16.90	\$21.91	\$28.24	\$34.89
17-3013	Mechanical drafters	\$13.33	\$15.40	\$18.48	\$23.13	\$31.40
17-3019	Drafters, all other	\$11.57	\$13.29	\$19.13	\$24.50	\$33.88
17-3021	Aerospace engineering and operations technicians	\$20.86	\$25.83	\$29.80	\$33.09	\$36.47
17-3022	Civil engineering technicians	\$12.14	\$14.68	\$19.00	\$22.90	\$26.79
17-3023	Electrical and electronic engineering technicians	\$11.64	\$16.00	\$22.40	\$26.84	\$32.00
17-3024	Electro-mechanical technicians	\$15.00	\$18.12	\$21.56	\$25.89	\$28.67
17-3025	Environmental engineering technicians	\$10.99	\$13.36	\$17.97	\$21.57	\$28.18
17-3026	Industrial engineering technicians	\$14.29	\$17.88	\$21.68	\$28.05	\$36.59
17-3027	Mechanical engineering technicians	\$12.06	\$17.50	\$23.06	\$26.77	\$31.81
17-3029	Engineering technicians, except drafters, all other	\$15.16	\$19.28	\$23.81	\$27.58	\$32.50
17-3031	Surveying and mapping technicians	\$11.96	\$14.64	\$18.92	\$21.94	\$26.05
Life, Physical, and Social Science						
19-1012	Food scientists and technologists	\$16.20	\$20.76	\$27.93	\$37.57	\$46.07
19-1013	Soil and plant scientists	\$16.01	\$19.70	\$27.86	\$36.67	\$42.99
19-1021	Biochemists and biophysicists	\$21.57	\$29.27	\$35.60	\$42.23	\$49.22
19-1022	Microbiologists	\$16.93	\$21.04	\$26.84	\$37.35	\$47.95
19-1023	Zoologists and wildlife biologists	\$21.86	\$24.17	\$26.76	\$30.72	\$39.83
19-1029	Biological scientists, all other	\$18.34	\$24.24	\$32.15	\$39.48	\$44.81
19-1031	Conservation scientists	\$15.83	\$20.53	\$25.77	\$31.77	\$37.87
19-1032	Foresters	\$18.60	\$21.81	\$25.78	\$31.79	\$39.25
19-1042	Medical scientists, except epidemiologists	\$13.40	\$16.60	\$25.75	\$40.38	\$55.28
19-2012	Physicists	\$19.09	\$25.88	\$39.20	\$50.92	\$61.76
19-2031	Chemists	\$16.34	\$21.22	\$30.70	\$41.79	\$51.80
19-2032	Materials scientists	\$26.35	\$31.82	\$42.76	\$52.21	\$61.14
19-2041	Environmental scientists and specialists, including health	\$14.67	\$18.75	\$27.51	\$36.80	\$44.79

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
19-2042	Geoscientists, except hydrologists and geographers	\$19.92	\$26.97	\$38.12	\$50.49	\$59.82
19-2043	Hydrologists	\$22.35	\$26.74	\$32.95	\$41.14	\$52.44
19-2099	Physical scientists, all other	\$18.81	\$23.87	\$31.67	\$40.27	\$48.55
19-3011	Economists	\$25.32	\$31.35	\$37.56	\$42.91	\$53.56
19-3021	Market research analysts	\$15.50	\$19.50	\$28.82	\$40.23	\$50.29
19-3022	Survey researchers	\$7.93	\$12.45	\$18.40	\$21.03	\$26.52
19-3031	Clinical, counseling, and school psychologists	\$15.88	\$19.71	\$26.12	\$32.49	\$39.16
19-3032	Industrial-organizational psychologists	\$44.37	\$46.30	\$49.69	\$53.09	\$55.13
19-3039	Psychologists, all other	\$12.36	\$14.90	\$21.76	\$31.18	\$39.22
19-3051	Urban and regional planners	\$16.35	\$19.89	\$25.77	\$32.15	\$37.76
19-3091	Anthropologists and archeologists	\$11.85	\$13.86	\$19.97	\$27.47	\$35.12
19-3099	Social scientists and related workers, all other	\$18.11	\$23.23	\$29.58	\$37.13	\$43.94
19-4011	Agricultural and food science technicians	\$9.94	\$11.87	\$14.79	\$18.49	\$23.31
19-4021	Biological technicians	\$11.33	\$12.84	\$16.19	\$20.86	\$25.64
19-4031	Chemical technicians	\$12.28	\$15.01	\$18.13	\$21.92	\$26.73
19-4041	Geological and petroleum technicians	\$14.88	\$20.01	\$24.07	\$29.06	\$33.54
19-4061	Social science research assistants	\$11.09	\$12.27	\$14.66	\$20.16	\$26.48
19-4091	Environmental science and protection technicians, including health	\$12.72	\$15.67	\$21.19	\$27.50	\$33.69
19-4092	Forensic science technicians	\$16.01	\$19.12	\$22.92	\$26.37	\$30.25
19-4099	Life, physical, and social science technicians, all other	\$11.71	\$14.32	\$20.31	\$25.70	\$31.25
Community and Social Services						
21-1011	Substance abuse and behavioral disorder counselors	\$9.87	\$11.66	\$13.61	\$16.47	\$21.03
21-1012	Educational, vocational, and school counselors	\$13.83	\$16.80	\$21.65	\$27.72	\$32.96
21-1014	Mental health counselors	\$11.06	\$12.65	\$15.49	\$19.52	\$24.28
21-1015	Rehabilitation counselors	\$8.84	\$10.84	\$13.14	\$17.38	\$25.81
21-1019	Counselors, all other	\$10.70	\$13.31	\$17.32	\$21.47	\$27.57
21-1021	Child, family, and school social workers	\$12.15	\$15.11	\$19.15	\$24.17	\$28.44
21-1022	Medical and public health social workers	\$12.27	\$15.22	\$19.47	\$23.49	\$27.70
21-1023	Mental health and substance abuse social workers	\$8.26	\$10.74	\$15.27	\$21.65	\$26.48
21-1029	Social workers, all other	\$10.28	\$12.92	\$15.92	\$19.91	\$24.23
21-1091	Health educators	\$11.01	\$15.03	\$20.01	\$26.74	\$33.13
21-1092	Probation officers and correctional treatment specialists	\$17.50	\$20.84	\$25.82	\$30.69	\$33.63

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
21-1093	Social and human service assistants	\$7.48	\$10.05	\$12.79	\$15.83	\$19.20
21-1099	Community and social service specialists, all other	\$8.64	\$10.89	\$15.32	\$20.94	\$25.45
21-2011	Clergy	\$6.32	\$10.81	\$17.73	\$21.13	\$27.18
21-2021	Directors, religious activities and education	\$6.78	\$10.77	\$18.22	\$23.47	\$29.54
Legal						
23-1011	Lawyers	\$24.01	\$30.62	\$41.98	\$56.10	*
23-1021	Administrative law judges, adjudicators, and hearing officers	\$27.89	\$33.72	\$40.30	\$50.38	*
23-1022	Arbitrators, mediators, and conciliators	\$11.69	\$14.72	\$20.32	\$26.33	\$48.46
23-1023	Judges, magistrate judges, and magistrates	\$29.21	\$36.25	\$41.40	\$49.60	\$61.43
23-2011	Paralegals and legal assistants	\$14.82	\$17.56	\$20.19	\$23.32	\$27.93
23-2091	Court reporters	\$15.61	\$18.31	\$23.22	\$31.47	\$49.48
23-2092	Law clerks	\$12.72	\$14.61	\$16.85	\$20.84	\$26.74
23-2093	Title examiners, abstractors, and searchers	\$10.93	\$13.18	\$17.38	\$23.53	\$28.31
23-2099	Legal support workers, all other	\$13.97	\$16.03	\$19.35	\$23.64	\$28.30
Education, Training, and Library						
25-1194	Vocational education teachers, postsecondary	\$12.96	\$15.74	\$20.55	\$31.90	\$41.06
25-1199	Postsecondary teachers, all other	\$11.49	\$12.25	\$13.51	\$25.47	\$35.19
25-2011	Preschool teachers, except special education	\$7.78	\$9.18	\$10.28	\$11.68	\$15.48
25-3011	Adult literacy, remedial education, and GED teachers and instructors	\$10.59	\$12.61	\$15.62	\$19.70	\$24.46
25-4011	Archivists	\$13.99	\$16.69	\$18.95	\$20.91	\$23.51
25-4012	Curators	\$13.90	\$18.56	\$23.51	\$28.55	\$35.16
25-4013	Museum technicians and conservators	\$8.83	\$12.05	\$14.75	\$18.57	\$22.82
25-4021	Librarians	\$15.19	\$18.65	\$23.27	\$28.63	\$33.41
25-4031	Library technicians	\$8.95	\$10.39	\$12.63	\$15.96	\$19.56
25-9011	Audio-visual collections specialists	\$11.56	\$12.89	\$15.49	\$19.42	\$24.18
25-9021	Farm and home management advisors	\$14.57	\$16.13	\$19.40	\$25.39	\$34.05
25-9031	Instructional coordinators	\$12.94	\$16.48	\$23.42	\$30.67	\$34.65
25-9099	Education, training, and library workers, all other	\$13.55	\$17.62	\$21.41	\$27.37	\$33.10
Arts, Design, Entertainment, Sports, and Media						
27-1011	Art directors	\$19.14	\$23.09	\$30.01	\$42.13	\$53.73
27-1013	Fine artists, including painters, sculptors, and illustrators	\$7.31	\$8.52	\$12.37	\$16.82	\$22.08
27-1014	Multi-media artists and animators	\$12.82	\$17.97	\$22.85	\$29.92	\$36.82

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
27-1019	Artists and related workers, all other	\$6.11	\$7.05	\$13.94	\$19.91	\$22.62
27-1021	Commercial and industrial designers	\$13.46	\$17.03	\$21.88	\$27.89	\$37.64
27-1022	Fashion designers	\$12.53	\$18.37	\$21.82	\$32.03	\$41.21
27-1023	Floral designers	\$6.26	\$9.17	\$10.73	\$13.06	\$16.59
27-1024	Graphic designers	\$11.92	\$14.85	\$18.43	\$22.47	\$27.88
27-1025	Interior designers	\$12.80	\$16.28	\$19.95	\$24.80	\$35.42
27-1026	Merchandise displayers and window trimmers	\$8.02	\$8.97	\$10.06	\$11.95	\$15.37
27-1027	Set and exhibit designers	\$14.26	\$15.50	\$17.48	\$24.89	\$32.51
27-1029	Designers, all other	\$7.94	\$12.76	\$20.34	\$27.65	\$33.06
27-2011	Actors	\$6.70	\$9.14	\$13.69	\$23.09	\$27.63
27-2012	Producers and directors	\$12.46	\$18.28	\$23.88	\$29.87	\$44.39
27-2031	Dancers	\$5.76	\$6.48	\$7.93	\$10.47	\$12.87
27-2032	Choreographers	\$13.40	\$15.15	\$16.97	\$22.41	\$28.76
27-2041	Music directors and composers	\$6.56	\$7.57	\$16.69	\$22.42	\$27.30
27-2042	Musicians and singers	\$5.94	\$7.93	\$19.98	\$33.45	\$39.55
27-2099	Entertainers and performers, sports and related workers, all other	\$6.92	\$11.94	\$17.32	\$21.61	\$27.89
27-3011	Radio and television announcers	\$6.65	\$8.26	\$12.57	\$19.34	\$31.12
27-3012	Public address system and other announcers	\$6.74	\$8.14	\$10.53	\$13.86	\$16.74
27-3021	Broadcast news analysts	\$11.05	\$13.70	\$19.99	\$30.59	\$41.95
27-3022	Reporters and correspondents	\$7.69	\$9.76	\$13.26	\$24.42	\$34.66
27-3031	Public relations specialists	\$13.40	\$16.19	\$21.35	\$29.53	\$38.73
27-3041	Editors	\$12.81	\$16.08	\$21.54	\$27.38	\$34.79
27-3042	Technical writers	\$18.17	\$22.38	\$26.83	\$34.23	\$41.32
27-3043	Writers and authors	\$11.65	\$15.30	\$21.82	\$30.06	\$41.15
27-3091	Interpreters and translators	\$14.57	\$17.77	\$25.13	\$33.32	\$49.77
27-3099	Media and communication workers, all other	\$9.60	\$13.94	\$19.36	\$28.87	\$36.02
27-4011	Audio and video equipment technicians	\$10.60	\$14.06	\$21.64	\$25.67	\$27.73
27-4012	Broadcast technicians	\$7.49	\$9.12	\$15.02	\$19.74	\$26.38
27-4014	Sound engineering technicians	\$9.27	\$12.76	\$16.98	\$22.50	\$30.74
27-4021	Photographers	\$6.60	\$8.87	\$12.95	\$20.70	\$27.52
27-4031	Camera operators, television, video, and motion picture	\$7.43	\$11.62	\$15.60	\$22.65	\$26.17
27-4032	Film and video editors	\$10.30	\$14.73	\$20.85	\$46.90	\$53.23
27-4099	Media and communication equipment workers, all other	\$11.74	\$13.58	\$17.30	\$26.60	\$36.05

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Healthcare Practitioners and Technical						
29-1011	Chiropractors	\$17.71	\$20.05	\$28.43	\$35.73	\$49.80
29-1021	Dentists, general	\$31.57	\$40.87	*	*	*
29-1022	Oral and maxillofacial surgeons	\$29.62	\$60.89	\$65.76	*	*
29-1031	Dietitians and nutritionists	\$11.54	\$14.89	\$20.37	\$25.35	\$29.08
29-1041	Optometrists	\$18.85	\$30.42	\$41.04	\$50.98	\$63.49
29-1051	Pharmacists	\$35.09	\$37.79	\$41.29	\$45.02	\$51.98
29-1062	Family and general practitioners	\$29.32	\$41.32	\$52.26	*	*
29-1063	Internists, general	\$48.55	\$57.32	\$67.56	*	*
29-1064	Obstetricians and gynecologists	\$62.48	*	*	*	*
29-1065	Pediatricians, general	\$43.49	\$50.03	\$59.71	*	*
29-1066	Psychiatrists	\$41.99	\$57.98	*	*	*
29-1069	Physicians and surgeons, all other	\$26.49	\$46.42	\$63.12	*	*
29-1071	Physician assistants	\$17.28	\$23.70	\$30.11	\$35.24	\$40.98
29-1081	Podiatrists	\$34.88	\$39.89	\$61.92	*	*
29-1111	Registered nurses	\$18.46	\$21.85	\$25.60	\$30.11	\$34.21
29-1121	Audiologists	\$17.74	\$20.20	\$23.74	\$27.28	\$31.81
29-1122	Occupational therapists	\$16.82	\$19.68	\$23.45	\$27.11	\$32.09
29-1123	Physical therapists	\$17.83	\$21.87	\$25.64	\$29.67	\$33.51
29-1124	Radiation therapists	\$21.32	\$25.83	\$30.78	\$35.43	\$40.58
29-1125	Recreational therapists	\$9.59	\$11.62	\$16.68	\$20.72	\$24.40
29-1126	Respiratory therapists	\$17.06	\$18.74	\$21.04	\$24.22	\$26.71
29-1127	Speech-language pathologists	\$17.31	\$20.73	\$25.19	\$30.13	\$34.02
29-1129	Therapists, all other	\$13.07	\$15.35	\$19.38	\$28.53	\$49.03
29-1131	Veterinarians	\$13.40	\$20.21	\$27.34	\$34.06	\$52.92
29-1199	Health diagnosing and treating practitioners, all other	\$17.97	\$21.12	\$29.11	*	*
29-2011	Medical and clinical laboratory technologists	\$15.37	\$18.52	\$22.70	\$26.07	\$28.77
29-2012	Medical and clinical laboratory technicians	\$10.66	\$12.65	\$15.92	\$19.89	\$23.14
29-2021	Dental hygienists	\$26.04	\$30.92	\$36.20	\$40.64	\$43.33
29-2031	Cardiovascular technologists and technicians	\$11.36	\$13.43	\$18.33	\$24.92	\$30.43
29-2032	Diagnostic medical sonographers	\$13.74	\$23.38	\$28.53	\$37.02	\$42.24
29-2033	Nuclear medicine technologists	\$19.39	\$22.19	\$25.49	\$28.89	\$33.02

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
29-2034	Radiologic technologists and technicians	\$15.90	\$18.61	\$21.75	\$25.44	\$28.06
29-2041	Emergency medical technicians and paramedics	\$9.67	\$11.82	\$14.48	\$18.69	\$22.63
29-2051	Dietetic technicians	\$6.56	\$8.88	\$11.44	\$13.52	\$16.16
29-2052	Pharmacy technicians	\$9.42	\$11.15	\$13.26	\$15.78	\$17.48
29-2053	Psychiatric technicians	\$11.29	\$12.65	\$14.70	\$16.64	\$18.87
29-2054	Respiratory therapy technicians	\$12.97	\$15.88	\$18.68	\$21.33	\$25.12
29-2055	Surgical technologists	\$11.18	\$13.58	\$17.24	\$20.38	\$23.45
29-2056	Veterinary technicians and technicians	\$9.05	\$9.84	\$11.18	\$13.06	\$14.76
29-2061	Licensed practical and licensed vocational nurses	\$12.79	\$14.87	\$17.17	\$20.11	\$22.25
29-2071	Medical records and health information technicians	\$9.52	\$11.20	\$13.44	\$17.12	\$21.19
29-2081	Opticians, dispensing	\$10.04	\$12.29	\$15.14	\$18.22	\$21.72
29-2099	Health technologists and technicians, all other	\$10.01	\$12.03	\$14.99	\$19.03	\$22.13
29-9011	Occupational health and safety specialists	\$16.69	\$21.91	\$28.30	\$34.68	\$41.49
29-9012	Occupational health and safety technicians	\$14.95	\$18.07	\$24.17	\$30.62	\$38.11
29-9099	Healthcare practitioners and technical workers, all other	\$11.51	\$14.08	\$17.83	\$23.63	\$31.05
Healthcare Support						
31-1011	Home health aides	\$7.35	\$8.23	\$9.56	\$10.78	\$12.81
31-1012	Nursing aides, orderlies, and attendants	\$8.41	\$9.52	\$11.10	\$13.02	\$15.13
31-1013	Psychiatric aides	\$8.21	\$9.44	\$11.16	\$12.83	\$14.19
31-2011	Occupational therapist assistants	\$12.84	\$14.75	\$17.23	\$19.79	\$21.38
31-2012	Occupational therapist aides	\$8.90	\$10.04	\$12.47	\$15.84	\$18.89
31-2021	Physical therapist assistants	\$11.89	\$14.37	\$16.16	\$18.37	\$20.85
31-2022	Physical therapist aides	\$6.28	\$8.58	\$10.92	\$13.29	\$16.29
31-9011	Massage therapists	\$10.35	\$12.21	\$14.10	\$26.68	\$32.36
31-9091	Dental assistants	\$10.96	\$12.72	\$17.24	\$20.67	\$23.65
31-9092	Medical assistants	\$9.66	\$11.35	\$13.56	\$16.03	\$17.69
31-9093	Medical equipment preparers	\$9.26	\$10.58	\$12.35	\$14.14	\$16.72
31-9094	Medical transcriptionists	\$11.09	\$13.35	\$15.86	\$18.50	\$22.94
31-9095	Pharmacy aides	\$8.78	\$9.57	\$10.81	\$14.03	\$16.09
31-9099	Healthcare support workers, all other	\$9.23	\$10.96	\$13.00	\$15.70	\$18.44
Protective Service						
33-1011	First-line supervisors/managers of correctional officers	\$22.43	\$25.16	\$29.13	\$32.44	\$34.42
33-1012	First-line supervisors/managers of police and detectives	\$24.53	\$30.02	\$34.69	\$40.75	\$44.63

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
33-1021	First-line supervisors/managers of fire fighting and prevention workers	\$24.27	\$28.97	\$32.11	\$35.24	\$41.22
33-1099	First-line supervisors/managers, protective service workers, all other	\$14.31	\$15.76	\$19.90	\$29.76	\$37.62
33-2011	Fire fighters	\$14.95	\$18.43	\$22.76	\$27.68	\$32.11
33-2021	Fire inspectors and investigators	\$18.77	\$28.27	\$30.67	\$33.06	\$34.49
33-3011	Bailiffs	\$9.65	\$11.33	\$13.11	\$17.15	\$23.13
33-3012	Correctional officers and jailers	\$14.23	\$16.17	\$19.41	\$23.19	\$25.91
33-3021	Detectives and criminal investigators	\$19.69	\$25.21	\$30.49	\$34.22	\$39.04
33-3031	Fish and game wardens	\$17.71	\$20.12	\$23.17	\$25.60	\$27.05
33-3041	Parking enforcement workers	\$11.83	\$14.12	\$16.86	\$19.69	\$21.48
33-3051	Police and sheriff's patrol officers	\$16.97	\$20.05	\$24.25	\$28.41	\$32.79
33-9011	Animal control workers	\$11.02	\$12.64	\$15.26	\$18.23	\$20.66
33-9021	Private detectives and investigators	\$10.17	\$13.13	\$23.30	\$27.44	\$32.26
33-9031	Gaming surveillance officers and gaming investigators	\$9.10	\$9.82	\$11.29	\$15.44	\$17.35
33-9032	Security guards	\$8.57	\$9.63	\$11.18	\$13.89	\$17.75
33-9091	Crossing guards	\$7.71	\$9.20	\$11.73	\$15.69	\$17.25
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	\$6.51	\$7.45	\$8.73	\$10.16	\$11.31
33-9099	Protective service workers, all other	\$9.24	\$11.63	\$14.52	\$17.06	\$21.58
Food Preparation and Serving Related						
35-1011	Chefs and head cooks	\$9.65	\$11.42	\$16.33	\$21.74	\$29.05
35-1012	First-line supervisors/managers of food preparation and serving workers	\$8.68	\$10.69	\$13.17	\$16.86	\$20.75
35-2011	Cooks, fast food	\$6.00	\$6.88	\$7.89	\$9.28	\$10.42
35-2012	Cooks, institution and cafeteria	\$7.38	\$8.77	\$10.60	\$12.90	\$15.50
35-2014	Cooks, restaurant	\$7.15	\$8.57	\$9.98	\$11.82	\$13.79
35-2015	Cooks, short order	\$6.70	\$8.01	\$9.73	\$11.12	\$12.62
35-2019	Cooks, all other	\$9.47	\$11.34	\$13.17	\$15.34	\$16.83
35-2021	Food preparation workers	\$6.61	\$7.52	\$8.65	\$10.59	\$12.78
35-3011	Bartenders	\$5.60	\$6.05	\$6.82	\$8.63	\$11.79
35-3021	Combined food preparation and serving workers, including fast food	\$5.89	\$6.81	\$7.71	\$8.59	\$10.30
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	\$5.86	\$6.68	\$7.66	\$8.74	\$10.47
35-3031	Waiters and waitresses	\$5.57	\$6.01	\$6.74	\$9.95	\$12.55
35-3041	Food servers, nonrestaurant	\$6.19	\$7.34	\$9.07	\$10.95	\$13.00
35-9011	Dining room and cafeteria attendants and bartender helpers	\$5.58	\$6.06	\$6.89	\$8.16	\$10.09

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
35-9021	Dishwashers	\$5.98	\$6.91	\$7.75	\$8.59	\$9.94
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	\$5.74	\$6.45	\$7.62	\$8.96	\$10.62
35-9099	Food preparation and serving related workers, all other	\$7.39	\$8.27	\$9.52	\$10.68	\$12.33
Building and Grounds Cleaning and Maintenance						
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	\$9.40	\$10.94	\$13.67	\$18.39	\$23.16
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	\$12.33	\$16.11	\$20.73	\$24.91	\$27.96
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	\$7.06	\$7.86	\$9.23	\$11.37	\$14.02
37-2012	Maids and housekeeping cleaners	\$6.51	\$7.41	\$8.57	\$10.29	\$12.00
37-2019	Building cleaning workers, all other	\$7.21	\$7.77	\$8.70	\$15.64	\$16.79
37-2021	Pest control workers	\$8.29	\$11.30	\$14.97	\$20.40	\$25.33
37-3011	Landscaping and groundskeeping workers	\$7.63	\$8.93	\$10.40	\$13.34	\$16.47
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	\$9.03	\$10.31	\$12.58	\$15.98	\$19.46
37-3013	Tree trimmers and pruners	\$11.56	\$12.95	\$15.23	\$17.77	\$20.27
37-3019	Grounds maintenance workers, all other	\$7.04	\$8.02	\$10.15	\$15.51	\$20.63
Personal Care and Service						
39-1011	Gaming supervisors	\$14.09	\$15.15	\$16.82	\$20.03	\$22.61
39-1012	Slot key persons	\$11.13	\$11.88	\$13.04	\$15.01	\$17.12
39-1021	First-line supervisors/managers of personal service workers	\$9.61	\$11.63	\$14.67	\$20.59	\$26.13
39-2011	Animal trainers	\$6.50	\$7.72	\$9.46	\$12.21	\$20.08
39-2021	Nonfarm animal caretakers	\$6.50	\$7.53	\$8.93	\$10.89	\$13.96
39-3012	Gaming and sports book writers and runners	\$6.12	\$7.28	\$8.48	\$10.54	\$12.99
39-3019	Gaming service workers, all other	\$6.62	\$8.79	\$10.48	\$14.08	\$17.02
39-3021	Motion picture projectionists	\$7.01	\$7.73	\$9.40	\$12.45	\$14.01
39-3031	Ushers, lobby attendants, and ticket takers	\$5.65	\$6.20	\$7.04	\$7.91	\$8.45
39-3091	Amusement and recreation attendants	\$5.90	\$6.83	\$8.17	\$10.11	\$12.42
39-3092	Costume attendants	\$9.06	\$9.91	\$11.82	\$15.95	\$20.70
39-3093	Locker room, coatroom, and dressing room attendants	\$6.30	\$7.31	\$8.95	\$10.82	\$12.93
39-4011	Embalmers	\$9.37	\$10.56	\$12.97	\$15.49	\$17.37
39-4021	Funeral attendants	\$7.28	\$8.02	\$9.39	\$11.62	\$13.68
39-5011	Barbers	\$9.07	\$9.72	\$10.78	\$12.71	\$15.68
39-5012	Hairdressers, hairstylists, and cosmetologists	\$8.14	\$9.43	\$11.32	\$15.11	\$20.64

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
39-5092	Manicurists and pedicurists	\$7.03	\$7.76	\$9.16	\$11.51	\$15.68
39-5093	Shampooers	\$5.68	\$6.25	\$7.15	\$8.31	\$9.86
39-5094	Skin care specialists	\$5.79	\$6.41	\$7.84	\$12.04	\$20.62
39-6011	Baggage porters and bellhops	\$5.71	\$6.40	\$8.38	\$12.32	\$18.89
39-6012	Concierges	\$8.27	\$9.70	\$11.80	\$13.85	\$15.99
39-6021	Tour guides and escorts	\$6.93	\$7.92	\$9.52	\$11.21	\$13.45
39-6032	Transportation attendants, except flight attendants and baggage porters	\$8.92	\$9.41	\$10.22	\$11.19	\$12.78
39-9011	Child care workers	\$6.34	\$7.38	\$8.67	\$10.50	\$12.71
39-9021	Personal and home care aides	\$6.70	\$7.39	\$8.31	\$9.83	\$10.97
39-9031	Fitness trainers and aerobics instructors	\$7.38	\$9.26	\$14.93	\$20.97	\$26.29
39-9032	Recreation workers	\$7.18	\$8.29	\$10.47	\$13.79	\$18.74
39-9041	Residential advisors	\$5.72	\$6.40	\$9.67	\$13.18	\$16.91
39-9099	Personal care and service workers, all other	\$6.68	\$8.52	\$10.72	\$12.46	\$13.51
Sales and Related						
41-1011	First-line supervisors/managers of retail sales workers	\$11.37	\$13.44	\$16.91	\$21.59	\$28.56
41-1012	First-line supervisors/managers of non-retail sales workers	\$17.52	\$23.44	\$32.86	\$43.73	\$55.98
41-2011	Cashiers	\$6.38	\$7.40	\$8.68	\$10.81	\$14.90
41-2012	Gaming change persons and booth cashiers	\$8.87	\$9.95	\$11.73	\$13.19	\$14.21
41-2021	Counter and rental clerks	\$6.41	\$7.68	\$9.65	\$12.47	\$16.64
41-2022	Parts salespersons	\$9.04	\$10.83	\$13.70	\$17.91	\$23.91
41-2031	Retail salespersons	\$6.71	\$7.78	\$9.69	\$13.18	\$19.19
41-3011	Advertising sales agents	\$11.48	\$14.21	\$19.56	\$30.42	\$42.56
41-3021	Insurance sales agents	\$10.74	\$14.73	\$21.41	\$36.01	\$48.74
41-3031	Securities, commodities, and financial services sales agents	\$15.74	\$19.34	\$26.28	\$54.43	*
41-3041	Travel agents	\$7.72	\$9.87	\$12.78	\$16.07	\$20.26
41-3099	Sales representatives, services, all other	\$13.83	\$17.63	\$22.47	\$32.21	\$42.27
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	\$15.41	\$20.59	\$30.63	\$46.45	\$63.60
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	\$12.66	\$16.90	\$23.07	\$31.93	\$44.58
41-9011	Demonstrators and product promoters	\$7.42	\$8.15	\$10.14	\$13.17	\$23.58
41-9021	Real estate brokers	\$11.52	\$13.18	\$24.34	\$40.23	\$57.06

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
41-9022	Real estate sales agents	\$10.67	\$12.83	\$20.12	\$28.99	\$45.93
41-9031	Sales engineers	\$22.34	\$28.90	\$34.01	\$43.29	\$63.33
41-9041	Telemarketers	\$7.06	\$8.07	\$9.71	\$11.93	\$17.47
41-9091	Door-to-door sales workers, news and street vendors, and related workers	\$6.71	\$10.33	\$13.32	\$16.53	\$21.77
41-9099	Sales and related workers, all other	\$6.58	\$8.73	\$15.05	\$21.81	\$28.29
Office and Administrative Support						
43-1011	First-line supervisors/managers of office and administrative support workers	\$13.90	\$17.16	\$21.53	\$27.05	\$33.75
43-2011	Switchboard operators, including answering service	\$7.48	\$9.29	\$11.03	\$13.14	\$15.49
43-2021	Telephone operators	\$8.94	\$9.52	\$10.43	\$11.98	\$13.14
43-2099	Communications equipment operators, all other	\$12.31	\$14.90	\$18.37	\$20.58	\$22.20
43-3011	Bill and account collectors	\$9.88	\$11.95	\$14.22	\$16.93	\$20.48
43-3021	Billing and posting clerks and machine operators	\$8.63	\$11.17	\$13.49	\$16.11	\$18.21
43-3031	Bookkeeping, accounting, and auditing clerks	\$9.52	\$12.05	\$14.99	\$18.24	\$21.49
43-3041	Gaming cage workers	\$8.45	\$10.34	\$12.44	\$13.88	\$16.10
43-3051	Payroll and timekeeping clerks	\$11.14	\$13.67	\$16.23	\$19.23	\$21.95
43-3061	Procurement clerks	\$10.18	\$12.84	\$16.09	\$19.38	\$21.75
43-3071	Tellers	\$8.83	\$9.76	\$10.99	\$12.73	\$14.24
43-4011	Brokerage clerks	\$11.78	\$13.01	\$15.33	\$18.24	\$22.13
43-4021	Correspondence clerks	\$9.84	\$11.69	\$14.89	\$19.06	\$21.39
43-4031	Court, municipal, and license clerks	\$12.05	\$13.99	\$16.30	\$19.19	\$21.40
43-4041	Credit authorizers, checkers, and clerks	\$11.62	\$12.42	\$13.76	\$16.33	\$20.08
43-4051	Customer service representatives	\$9.17	\$10.86	\$13.21	\$16.42	\$20.41
43-4061	Eligibility interviewers, government programs	\$11.45	\$12.95	\$15.19	\$17.36	\$20.37
43-4071	File clerks	\$7.60	\$9.25	\$10.96	\$13.38	\$16.07
43-4081	Hotel, motel, and resort desk clerks	\$6.69	\$8.13	\$9.61	\$10.77	\$12.83
43-4111	Interviewers, except eligibility and loan	\$8.48	\$10.52	\$12.75	\$15.51	\$18.05
43-4121	Library assistants, clerical	\$7.25	\$8.38	\$10.59	\$12.96	\$15.38
43-4131	Loan interviewers and clerks	\$11.50	\$13.36	\$16.19	\$19.58	\$22.12
43-4141	New accounts clerks	\$10.40	\$11.92	\$13.38	\$15.39	\$17.18
43-4151	Order clerks	\$8.36	\$10.13	\$12.96	\$16.79	\$20.65

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
43-4161	Human resources assistants, except payroll and timekeeping	\$12.02	\$14.27	\$16.58	\$19.53	\$21.86
43-4171	Receptionists and information clerks	\$7.75	\$9.58	\$11.66	\$13.98	\$16.61
43-4181	Reservation and transportation ticket agents and travel clerks	\$9.67	\$11.22	\$13.44	\$18.98	\$22.99
43-4199	All other information and record clerks	\$10.98	\$13.24	\$17.22	\$23.89	\$33.77
43-5011	Cargo and freight agents	\$9.29	\$10.47	\$14.89	\$18.12	\$23.85
43-5021	Couriers and messengers	\$6.62	\$7.95	\$10.04	\$12.68	\$15.18
43-5031	Police, fire, and ambulance dispatchers	\$11.94	\$14.50	\$17.21	\$20.08	\$21.92
43-5032	Dispatchers, except police, fire, and ambulance	\$10.13	\$12.39	\$15.66	\$19.82	\$24.31
43-5041	Meter readers, utilities	\$10.54	\$12.91	\$15.22	\$17.06	\$20.83
43-5051	Postal service clerks	\$17.26	\$18.06	\$19.40	\$20.74	\$21.93
43-5052	Postal service mail carriers	\$16.01	\$18.24	\$20.90	\$24.01	\$25.95
43-5053	Postal service mail sorters, processors, and processing machine operators	\$12.50	\$17.48	\$18.92	\$20.36	\$21.22
43-5061	Production, planning, and expediting clerks	\$12.15	\$15.48	\$19.06	\$22.27	\$26.25
43-5071	Shipping, receiving, and traffic clerks	\$8.42	\$10.05	\$12.55	\$15.46	\$18.05
43-5081	Stock clerks and order fillers	\$7.47	\$8.73	\$10.65	\$13.88	\$16.60
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	\$7.89	\$9.48	\$12.27	\$15.70	\$18.73
43-6011	Executive secretaries and administrative assistants	\$13.58	\$15.51	\$18.48	\$21.76	\$26.10
43-6012	Legal secretaries	\$13.46	\$15.35	\$16.99	\$19.41	\$24.08
43-6013	Medical secretaries	\$10.28	\$12.17	\$14.70	\$17.42	\$24.21
43-6014	Secretaries, except legal, medical, and executive	\$9.01	\$11.18	\$13.91	\$16.94	\$20.12
43-9011	Computer operators	\$11.22	\$14.43	\$17.38	\$21.49	\$26.04
43-9021	Data entry keyers	\$9.14	\$10.33	\$12.27	\$14.54	\$16.96
43-9022	Word processors and typists	\$11.03	\$12.87	\$15.64	\$18.77	\$22.29
43-9031	Desktop publishers	\$10.96	\$13.83	\$18.54	\$20.81	\$22.18
43-9041	Insurance claims and policy processing clerks	\$10.26	\$11.77	\$14.40	\$16.91	\$19.44
43-9051	Mail clerks and mail machine operators, except postal service	\$7.54	\$10.04	\$12.64	\$15.30	\$17.55
43-9061	Office clerks, general	\$7.43	\$9.89	\$12.49	\$15.62	\$18.18
43-9071	Office machine operators, except computer	\$8.49	\$9.92	\$12.21	\$14.96	\$18.22
43-9081	Proofreaders and copy markers	\$9.58	\$11.57	\$13.25	\$15.74	\$19.62
43-9111	Statistical assistants	\$13.35	\$15.19	\$16.99	\$19.85	\$23.70
43-9199	Office and administrative support workers, all other	\$9.72	\$12.21	\$14.78	\$17.36	\$20.39

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Farming, Fishing, and Forestry						
45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	\$9.42	\$11.00	\$15.75	\$26.39	\$33.26
45-2011	Agricultural inspectors	\$11.44	\$12.59	\$16.41	\$20.34	\$23.32
45-2041	Graders and sorters, agricultural products	\$5.68	\$6.15	\$6.97	\$8.45	\$11.01
45-2091	Agricultural equipment operators	\$7.59	\$8.30	\$10.68	\$13.96	\$16.10
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	\$5.82	\$6.50	\$7.98	\$12.97	\$19.30
45-2093	Farmworkers, farm and ranch animals	\$6.72	\$7.64	\$8.98	\$10.46	\$12.54
45-2099	Agricultural workers, all other	\$6.43	\$7.70	\$9.74	\$12.81	\$18.19
45-4011	Forest and conservation workers	\$9.05	\$14.22	\$17.12	\$19.84	\$21.45
45-4022	Logging equipment operators	\$8.66	\$11.09	\$13.09	\$15.86	\$18.10
Construction and Extraction						
47-1011	First-line supervisors/managers of construction trades and extraction workers	\$17.71	\$20.97	\$25.26	\$30.68	\$36.55
47-2011	Boilermakers	\$12.35	\$13.67	\$15.44	\$17.35	\$19.39
47-2021	Brickmasons and blockmasons	\$14.01	\$18.51	\$22.59	\$26.04	\$28.35
47-2022	Stonemasons	\$12.14	\$14.01	\$17.50	\$22.18	\$26.12
47-2031	Carpenters	\$10.15	\$13.09	\$17.16	\$21.30	\$26.63
47-2041	Carpet installers	\$9.51	\$13.25	\$16.09	\$20.51	\$26.52
47-2042	Floor layers, except carpet, wood, and hard tiles	\$12.51	\$16.62	\$20.18	\$24.87	\$32.22
47-2043	Floor sanders and finishers	\$9.97	\$11.74	\$14.42	\$17.29	\$19.90
47-2044	Tile and marble setters	\$8.21	\$11.97	\$17.52	\$22.69	\$26.56
47-2051	Cement masons and concrete finishers	\$9.80	\$11.85	\$14.86	\$17.67	\$21.21
47-2053	Terrazzo workers and finishers	\$9.10	\$9.83	\$13.89	\$15.56	\$16.56
47-2061	Construction laborers	\$8.61	\$10.10	\$12.34	\$14.91	\$17.45
47-2071	Paving, surfacing, and tamping equipment operators	\$11.56	\$13.54	\$15.83	\$18.62	\$21.20
47-2072	Pile-driver operators	\$14.85	\$16.33	\$18.72	\$21.04	\$22.48
47-2073	Operating engineers and other construction equipment operators	\$13.31	\$15.28	\$17.89	\$21.06	\$24.71
47-2081	Drywall and ceiling tile installers	\$9.36	\$13.20	\$16.11	\$19.40	\$22.72
47-2082	Tapers	\$10.81	\$14.43	\$16.29	\$18.51	\$21.12
47-2111	Electricians	\$12.60	\$16.63	\$21.39	\$25.58	\$28.21
47-2121	Glaziers	\$10.74	\$13.79	\$17.16	\$20.69	\$24.28
47-2131	Insulation workers, floor, ceiling, and wall	\$8.02	\$9.50	\$12.40	\$15.81	\$20.07

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
47-2132	Insulation workers, mechanical	\$9.18	\$10.58	\$13.39	\$16.29	\$19.59
47-2141	Painters, construction and maintenance	\$9.65	\$12.07	\$15.00	\$17.44	\$21.26
47-2142	Paperhangers	\$12.68	\$15.71	\$18.61	\$21.18	\$23.66
47-2151	Pipelayers	\$10.36	\$11.93	\$14.07	\$17.52	\$20.36
47-2152	Plumbers, pipefitters, and steamfitters	\$12.39	\$15.52	\$20.16	\$24.60	\$27.44
47-2161	Plasterers and stucco masons	\$11.32	\$12.41	\$14.12	\$16.32	\$18.12
47-2171	Reinforcing iron and rebar workers	\$9.34	\$10.75	\$12.58	\$15.90	\$20.05
47-2181	Roofers	\$10.04	\$12.03	\$14.65	\$17.07	\$19.70
47-2211	Sheet metal workers	\$9.33	\$11.59	\$15.19	\$20.15	\$24.59
47-2221	Structural iron and steel workers	\$13.92	\$16.16	\$19.11	\$21.93	\$26.56
47-3011	Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	\$8.56	\$10.94	\$12.97	\$16.00	\$18.87
47-3012	Helpers--carpenters	\$7.37	\$8.93	\$10.87	\$13.43	\$15.42
47-3013	Helpers--electricians	\$8.77	\$10.85	\$13.62	\$17.26	\$20.77
47-3014	Helpers--painters, paperhangers, plasterers, and stucco masons	\$8.12	\$9.36	\$10.55	\$12.11	\$13.51
47-3015	Helpers--pipelayers, plumbers, pipefitters, and steamfitters	\$10.07	\$11.94	\$13.66	\$16.13	\$18.11
47-3016	Helpers--roofers	\$7.30	\$8.85	\$10.98	\$13.38	\$17.22
47-3019	Helpers, construction trades, all other	\$7.93	\$9.29	\$10.56	\$12.17	\$13.64
47-4011	Construction and building inspectors	\$15.05	\$18.80	\$23.21	\$26.89	\$31.53
47-4021	Elevator installers and repairers	\$20.40	\$23.47	\$25.73	\$27.96	\$31.07
47-4051	Highway maintenance workers	\$11.51	\$13.47	\$16.76	\$19.57	\$21.24
47-4061	Rail-track laying and maintenance equipment operators	\$12.16	\$15.74	\$19.57	\$22.96	\$25.97
47-4071	Septic tank servicers and sewer pipe cleaners	\$10.01	\$14.33	\$17.90	\$20.86	\$24.78
47-4099	Construction and related workers, all other	\$11.91	\$13.23	\$16.78	\$20.91	\$23.71
47-5011	Derrick operators, oil and gas	\$14.97	\$17.16	\$20.17	\$24.51	\$28.64
47-5012	Rotary drill operators, oil and gas	\$12.45	\$16.69	\$20.99	\$24.42	\$26.72
47-5013	Service unit operators, oil, gas, and mining	\$11.52	\$13.04	\$16.69	\$23.12	\$26.74
47-5021	Earth drillers, except oil and gas	\$11.84	\$15.05	\$17.96	\$21.78	\$25.23
47-5031	Explosives workers, ordnance handling experts, and blasters	\$13.95	\$16.63	\$19.65	\$22.46	\$26.56
47-5041	Continuous mining machine operators	\$13.25	\$16.22	\$19.27	\$21.42	\$24.43
47-5049	Mining machine operators, all other	\$12.00	\$14.76	\$17.85	\$20.73	\$27.20
47-5051	Rock splitters, quarry	\$10.16	\$11.36	\$12.73	\$16.48	\$20.77

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
47-5061	Roof bolters, mining	\$17.34	\$18.54	\$19.87	\$21.19	\$22.10
47-5071	Roustabouts, oil and gas	\$9.20	\$10.93	\$13.25	\$15.89	\$18.90
47-5081	Helpers--extraction workers	\$9.67	\$11.40	\$12.82	\$15.64	\$20.68
47-5099	Extraction workers, all other	\$11.53	\$12.81	\$15.75	\$19.41	\$21.28
Installation, Maintenance, and Repair						
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	\$15.70	\$19.26	\$24.91	\$31.81	\$38.81
49-2011	Computer, automated teller, and office machine repairers	\$10.64	\$13.60	\$17.24	\$22.08	\$26.53
49-2021	Radio mechanics	\$9.43	\$16.44	\$23.05	\$26.08	\$28.92
49-2022	Telecommunications equipment installers and repairers, except line installers	\$20.21	\$22.86	\$24.83	\$26.79	\$28.28
49-2091	Avionics technicians	\$14.03	\$17.92	\$21.36	\$27.21	\$31.58
49-2092	Electric motor, power tool, and related repairers	\$8.92	\$10.98	\$16.63	\$21.56	\$25.10
49-2093	Electrical and electronics installers and repairers, transportation equipment	\$15.38	\$18.61	\$21.43	\$24.56	\$26.96
49-2094	Electrical and electronics repairers, commercial and industrial equipment	\$13.67	\$17.33	\$21.68	\$26.59	\$31.83
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	\$18.98	\$22.68	\$26.30	\$30.44	\$33.43
49-2096	Electronic equipment installers and repairers, motor vehicles	\$9.85	\$11.35	\$13.05	\$15.67	\$17.84
49-2097	Electronic home entertainment equipment installers and repairers	\$9.77	\$11.40	\$14.19	\$17.54	\$21.25
49-2098	Security and fire alarm systems installers	\$14.43	\$15.80	\$18.41	\$21.47	\$25.45
49-3011	Aircraft mechanics and service technicians	\$14.47	\$17.54	\$21.10	\$27.95	\$32.84
49-3021	Automotive body and related repairers	\$12.11	\$15.92	\$22.33	\$29.88	\$34.86
49-3022	Automotive glass installers and repairers	\$7.71	\$8.50	\$11.66	\$13.57	\$20.29
49-3023	Automotive service technicians and mechanics	\$8.79	\$11.96	\$17.10	\$22.61	\$27.59
49-3031	Bus and truck mechanics and diesel engine specialists	\$13.51	\$16.10	\$19.39	\$22.47	\$27.57
49-3041	Farm equipment mechanics	\$9.14	\$10.80	\$13.44	\$16.35	\$18.72
49-3042	Mobile heavy equipment mechanics, except engines	\$13.99	\$16.59	\$19.44	\$21.93	\$25.28
49-3043	Rail car repairers	\$11.57	\$15.94	\$21.98	\$27.41	\$33.61
49-3051	Motorboat mechanics	\$9.06	\$11.38	\$13.42	\$16.57	\$19.11
49-3052	Motorcycle mechanics	\$10.31	\$13.04	\$15.97	\$18.70	\$24.78
49-3053	Outdoor power equipment and other small engine mechanics	\$7.69	\$8.46	\$10.31	\$14.62	\$21.45
49-3091	Bicycle repairers	\$8.72	\$9.35	\$10.36	\$12.25	\$13.83
49-3092	Recreational vehicle service technicians	\$10.81	\$12.36	\$15.81	\$21.66	\$25.52

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
49-3093	Tire repairers and changers	\$7.65	\$8.74	\$10.06	\$11.40	\$13.79
49-9011	Mechanical door repairers	\$10.77	\$12.61	\$16.46	\$20.31	\$23.92
49-9012	Control and valve installers and repairers, except mechanical door	\$5.94	\$6.62	\$13.59	\$23.00	\$29.60
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	\$12.98	\$15.42	\$18.48	\$23.31	\$27.00
49-9031	Home appliance repairers	\$11.08	\$15.00	\$18.49	\$22.70	\$28.62
49-9041	Industrial machinery mechanics	\$12.65	\$16.98	\$20.29	\$24.14	\$27.36
49-9042	Maintenance and repair workers, general	\$9.35	\$11.85	\$15.25	\$19.40	\$23.80
49-9043	Maintenance workers, machinery	\$10.28	\$13.30	\$16.95	\$21.20	\$25.99
49-9044	Millwrights	\$13.03	\$17.10	\$19.92	\$23.38	\$26.89
49-9051	Electrical power-line installers and repairers	\$17.98	\$22.36	\$25.32	\$28.25	\$32.19
49-9052	Telecommunications line installers and repairers	\$10.67	\$13.02	\$16.14	\$19.80	\$23.00
49-9061	Camera and photographic equipment repairers	\$10.52	\$12.66	\$15.52	\$18.28	\$20.36
49-9062	Medical equipment repairers	\$13.06	\$17.09	\$20.78	\$24.93	\$27.72
49-9063	Musical instrument repairers and tuners	\$10.54	\$11.80	\$13.27	\$15.67	\$17.32
49-9069	Precision instrument and equipment repairers, all other	\$15.39	\$17.74	\$24.54	\$29.82	\$32.80
49-9091	Coin, vending, and amusement machine servicers and repairers	\$9.25	\$11.02	\$13.83	\$17.26	\$23.44
49-9094	Locksmiths and safe repairers	\$9.51	\$11.42	\$13.81	\$17.88	\$21.39
49-9095	Manufactured building and mobile home installers	\$9.13	\$11.32	\$13.32	\$15.49	\$16.89
49-9096	Riggers	\$11.08	\$15.55	\$23.04	\$26.24	\$30.09
49-9098	Helpers--installation, maintenance, and repair workers	\$7.29	\$9.23	\$11.41	\$17.89	\$21.00
49-9099	Installation, maintenance, and repair workers, all other	\$8.47	\$10.61	\$15.12	\$19.90	\$23.29
Production						
51-1011	First-line supervisors/managers of production and operating workers	\$14.41	\$17.82	\$22.72	\$28.67	\$35.80
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	\$17.08	\$21.99	\$24.21	\$26.44	\$28.69
51-2021	Coil winders, tapers, and finishers	\$9.12	\$10.85	\$12.82	\$16.62	\$21.83
51-2022	Electrical and electronic equipment assemblers	\$8.71	\$9.76	\$11.32	\$13.75	\$16.94
51-2023	Electromechanical equipment assemblers	\$8.51	\$10.14	\$12.44	\$15.42	\$18.08
51-2041	Structural metal fabricators and fitters	\$11.08	\$13.10	\$15.69	\$18.00	\$21.49
51-2092	Team assemblers	\$7.80	\$9.44	\$11.64	\$14.19	\$17.21
51-2099	Assemblers and fabricators, all other	\$7.80	\$9.24	\$10.49	\$12.47	\$16.43
51-3011	Bakers	\$7.49	\$9.15	\$11.46	\$14.83	\$17.13
51-3021	Butchers and meat cutters	\$9.10	\$11.57	\$14.87	\$17.98	\$20.55

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-3022	Meat, poultry, and fish cutters and trimmers	\$9.01	\$9.73	\$10.93	\$12.63	\$13.66
51-3023	Slaughtering and meat packers	\$7.90	\$9.30	\$11.04	\$12.48	\$13.36
51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders	\$8.26	\$10.03	\$14.47	\$16.38	\$17.57
51-3092	Food batchmakers	\$6.27	\$7.47	\$9.87	\$13.20	\$16.11
51-3093	Food cooking machine operators and tenders	\$7.29	\$8.52	\$9.78	\$11.06	\$14.15
51-4011	Computer-controlled machine tool operators, metal and plastic	\$10.00	\$11.97	\$14.99	\$18.52	\$21.50
51-4012	Numerical tool and process control programmers	\$15.72	\$19.02	\$23.57	\$26.95	\$30.90
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	\$9.25	\$11.96	\$14.51	\$17.05	\$19.48
51-4022	Forging machine setters, operators, and tenders, metal and plastic	\$8.93	\$11.04	\$14.76	\$17.41	\$20.19
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	\$9.93	\$12.10	\$15.08	\$17.10	\$19.94
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	\$9.57	\$11.52	\$14.67	\$19.48	\$23.10
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	\$9.11	\$10.10	\$12.18	\$14.19	\$18.23
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	\$8.81	\$9.93	\$11.82	\$14.16	\$17.83
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$10.46	\$12.46	\$15.39	\$18.79	\$22.62
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	\$9.59	\$11.21	\$13.57	\$17.03	\$21.25
51-4041	Machinists	\$11.22	\$14.35	\$17.85	\$21.41	\$25.48
51-4052	Pourers and casters, metal	\$7.53	\$8.47	\$10.46	\$13.54	\$17.33
51-4061	Model makers, metal and plastic	\$16.81	\$19.43	\$22.84	\$26.41	\$30.97
51-4071	Foundry mold and coremakers	\$7.58	\$9.36	\$10.66	\$12.84	\$16.11
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$7.44	\$8.35	\$10.08	\$12.97	\$16.39
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	\$8.73	\$10.87	\$12.43	\$15.00	\$17.55
51-4111	Tool and die makers	\$15.49	\$18.21	\$21.37	\$25.12	\$27.48
51-4121	Welders, cutters, solderers, and brazers	\$10.11	\$12.46	\$15.44	\$19.13	\$21.86
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	\$9.82	\$12.08	\$14.87	\$17.24	\$20.22

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	\$8.79	\$12.17	\$15.23	\$17.60	\$20.25
51-4192	Lay-out workers, metal and plastic	\$10.27	\$12.42	\$16.18	\$23.36	\$26.28
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	\$9.10	\$10.09	\$12.09	\$14.45	\$18.11
51-4194	Tool grinders, filers, and sharpeners	\$8.29	\$9.46	\$11.77	\$16.77	\$24.83
51-4199	Metal workers and plastic workers, all other	\$8.32	\$10.15	\$14.08	\$19.00	\$21.69
51-5011	Bindery workers	\$7.53	\$8.79	\$10.56	\$14.42	\$18.76
51-5012	Bookbinders	\$9.42	\$11.87	\$16.19	\$19.19	\$20.92
51-5021	Job printers	\$12.74	\$15.96	\$19.29	\$21.71	\$24.25
51-5022	Prepress technicians and workers	\$11.03	\$12.78	\$16.15	\$21.14	\$24.95
51-5023	Printing machine operators	\$9.41	\$12.65	\$16.64	\$21.39	\$25.86
51-6011	Laundry and dry-cleaning workers	\$6.97	\$8.01	\$9.79	\$12.58	\$16.82
51-6021	Pressers, textile, garment, and related materials	\$6.21	\$7.24	\$8.79	\$10.88	\$12.64
51-6031	Sewing machine operators	\$7.47	\$8.55	\$10.03	\$11.91	\$13.94
51-6041	Shoe and leather workers and repairers	\$9.12	\$11.38	\$13.60	\$15.56	\$16.80
51-6051	Sewers, hand	\$6.15	\$7.73	\$9.98	\$12.12	\$14.28
51-6052	Tailors, dressmakers, and custom sewers	\$8.80	\$10.49	\$12.57	\$14.26	\$20.08
51-6062	Textile cutting machine setters, operators, and tenders	\$6.43	\$8.88	\$10.30	\$14.71	\$16.99
51-6063	Textile knitting and weaving machine setters, operators, and tenders	\$9.80	\$11.27	\$14.51	\$16.54	\$17.82
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	\$8.00	\$9.12	\$11.08	\$13.15	\$15.24
51-6093	Upholsterers	\$7.40	\$8.28	\$12.83	\$15.80	\$17.85
51-6099	Textile, apparel, and furnishings workers, all other	\$7.10	\$7.84	\$10.30	\$12.46	\$13.56
51-7011	Cabinetmakers and bench carpenters	\$9.18	\$11.14	\$13.89	\$16.85	\$19.97
51-7021	Furniture finishers	\$9.89	\$11.90	\$15.12	\$18.71	\$21.83
51-7041	Sawing machine setters, operators, and tenders, wood	\$8.60	\$9.86	\$11.87	\$14.45	\$16.77
51-7042	Woodworking machine setters, operators, and tenders, except sawing	\$8.66	\$9.84	\$12.00	\$15.58	\$18.31
51-7099	Woodworkers, all other	\$7.38	\$9.36	\$10.58	\$12.85	\$15.61
51-8012	Power distributors and dispatchers	\$18.41	\$24.41	\$29.40	\$33.66	\$39.74
51-8013	Power plant operators	\$18.61	\$22.10	\$24.89	\$27.50	\$32.10
51-8021	Stationary engineers and boiler operators	\$12.50	\$16.60	\$21.26	\$25.66	\$28.98
51-8031	Water and liquid waste treatment plant and system operators	\$11.75	\$16.77	\$22.03	\$25.50	\$27.53

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-8091	Chemical plant and system operators	\$13.27	\$15.41	\$18.83	\$22.21	\$26.79
51-8092	Gas plant operators	\$17.47	\$20.25	\$23.72	\$27.24	\$32.30
51-8093	Petroleum pump system operators, refinery operators, and gaugers	\$18.20	\$22.11	\$24.40	\$26.49	\$28.17
51-8099	Plant and system operators, all other	\$13.97	\$17.79	\$21.27	\$24.75	\$26.95
51-9011	Chemical equipment operators and tenders	\$10.23	\$12.51	\$15.44	\$18.86	\$21.73
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	\$10.05	\$12.39	\$16.17	\$22.96	\$26.01
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	\$9.39	\$10.67	\$13.47	\$17.38	\$21.70
51-9022	Grinding and polishing workers, hand	\$9.03	\$9.84	\$11.11	\$13.41	\$17.64
51-9023	Mixing and blending machine setters, operators, and tenders	\$9.27	\$11.50	\$14.22	\$16.59	\$18.22
51-9031	Cutters and trimmers, hand	\$6.49	\$7.87	\$10.30	\$13.30	\$16.07
51-9032	Cutting and slicing machine setters, operators, and tenders	\$8.91	\$10.01	\$12.30	\$15.52	\$17.62
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	\$8.72	\$9.90	\$11.70	\$14.49	\$17.18
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	\$10.42	\$12.21	\$14.63	\$17.85	\$20.83
51-9061	Inspectors, testers, sorters, samplers, and weighers	\$9.09	\$10.87	\$14.32	\$19.14	\$25.07
51-9071	Jewelers and precious stone and metal workers	\$8.56	\$11.78	\$14.16	\$19.26	\$25.41
51-9081	Dental laboratory technicians	\$8.38	\$11.14	\$15.68	\$23.55	\$27.25
51-9082	Medical appliance technicians	\$6.97	\$10.97	\$14.13	\$17.14	\$20.58
51-9083	Ophthalmic laboratory technicians	\$9.83	\$12.64	\$15.15	\$17.26	\$19.91
51-9111	Packaging and filling machine operators and tenders	\$7.25	\$8.81	\$10.66	\$13.61	\$16.79
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	\$8.80	\$11.16	\$13.01	\$15.63	\$18.63
51-9122	Painters, transportation equipment	\$9.55	\$14.66	\$22.93	\$35.10	\$42.11
51-9123	Painting, coating, and decorating workers	\$8.75	\$10.00	\$12.19	\$14.82	\$17.41
51-9131	Photographic process workers	\$7.75	\$9.38	\$11.61	\$14.71	\$18.07
51-9132	Photographic processing machine operators	\$7.69	\$9.03	\$10.80	\$13.24	\$15.51
51-9191	Cementing and gluing machine operators and tenders	\$7.63	\$8.41	\$11.63	\$15.64	\$17.20
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	\$7.98	\$9.24	\$10.67	\$15.12	\$18.61
51-9193	Cooling and freezing equipment operators and tenders	\$7.59	\$11.19	\$13.93	\$16.37	\$19.52
51-9194	Ethers and engravers	\$7.00	\$9.01	\$10.48	\$12.72	\$15.88
51-9195	Molders, shapers, and casters, except metal and plastic	\$8.83	\$10.05	\$12.61	\$15.60	\$17.69
51-9196	Paper goods machine setters, operators, and tenders	\$9.48	\$13.35	\$15.57	\$17.44	\$19.94

* No data available

Table 4a—Hourly Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-9198	Helpers--production workers	\$6.97	\$8.21	\$9.95	\$12.58	\$16.78
51-9199	Production workers, all other	\$6.96	\$8.26	\$10.86	\$14.16	\$19.93
Transportation and Material Moving						
53-1011	Aircraft cargo handling supervisors	\$10.48	\$12.36	\$15.57	\$24.85	\$38.63
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	\$12.41	\$15.58	\$19.41	\$23.74	\$29.77
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$12.63	\$16.45	\$21.92	\$27.06	\$34.20
53-2021	Air traffic controllers	\$27.85	\$40.69	\$55.92	\$63.04	\$67.32
53-2022	Airfield operations specialists	\$14.31	\$15.83	\$19.88	\$26.85	\$32.69
53-3011	Ambulance drivers and attendants, except emergency medical technicians	\$7.12	\$8.34	\$10.16	\$17.64	\$25.64
53-3021	Bus drivers, transit and intercity	\$10.85	\$12.28	\$14.04	\$17.21	\$20.23
53-3022	Bus drivers, school	\$8.85	\$10.80	\$12.78	\$15.37	\$17.18
53-3031	Driver/sales workers	\$5.92	\$6.79	\$10.38	\$15.15	\$19.22
53-3032	Truck drivers, heavy and tractor-trailer	\$11.52	\$14.03	\$16.44	\$19.64	\$22.85
53-3033	Truck drivers, light or delivery services	\$7.95	\$10.01	\$13.30	\$16.84	\$21.20
53-3041	Taxi drivers and chauffeurs	\$7.22	\$8.40	\$9.86	\$11.44	\$13.09
53-3099	Motor vehicle operators, all other	\$6.44	\$8.52	\$11.57	\$16.71	\$19.86
53-4021	Railroad brake, signal, and switch operators	\$16.15	\$21.30	\$27.68	\$32.27	\$35.31
53-4031	Railroad conductors and yardmasters	\$20.94	\$24.67	\$30.66	\$37.79	\$42.48
53-6021	Parking lot attendants	\$5.94	\$6.83	\$8.27	\$9.93	\$11.31
53-6031	Service station attendants	\$6.46	\$7.70	\$9.42	\$11.84	\$14.34
53-6041	Traffic technicians	\$10.85	\$12.54	\$15.96	\$20.07	\$22.62
53-6051	Transportation inspectors	\$9.44	\$10.17	\$11.31	\$26.97	\$42.73
53-7011	Conveyor operators and tenders	\$9.33	\$10.71	\$13.09	\$16.57	\$21.90
53-7021	Crane and tower operators	\$14.30	\$16.94	\$19.62	\$22.00	\$25.81
53-7032	Excavating and loading machine and dragline operators	\$14.06	\$15.55	\$17.71	\$20.55	\$22.39
53-7033	Loading machine operators, underground mining	\$14.89	\$17.37	\$19.13	\$20.79	\$21.79
53-7051	Industrial truck and tractor operators	\$9.60	\$11.57	\$13.59	\$16.10	\$18.37
53-7061	Cleaners of vehicles and equipment	\$6.29	\$7.88	\$9.90	\$12.35	\$14.80
53-7062	Laborers and freight, stock, and material movers, hand	\$7.25	\$8.77	\$10.57	\$13.10	\$15.78
53-7063	Machine feeders and offbearers	\$7.40	\$9.16	\$11.41	\$13.67	\$16.24

* No data available

Table 4a—Hourly Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
53-7064	Packers and packagers, hand	\$6.49	\$7.33	\$8.31	\$10.24	\$12.82
53-7072	Pump operators, except wellhead pumpers	\$8.80	\$10.29	\$14.10	\$22.91	\$26.84
53-7073	Wellhead pumpers	\$12.09	\$13.54	\$15.95	\$18.82	\$23.01
53-7081	Refuse and recyclable material collectors	\$8.64	\$10.64	\$13.11	\$16.76	\$20.07
53-7111	Shuttle car operators	\$15.09	\$16.37	\$18.38	\$20.53	\$21.82
53-7199	Material moving workers, all other	\$7.91	\$9.42	\$10.68	\$13.90	\$18.84

* No data available

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment

Table 4b—Annual Wage Distribution by Occupational Code

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Management						
11-1021	General and operations managers	\$41,550	\$56,850	\$85,400	\$130,300	*
11-2011	Advertising and promotions managers	\$31,950	\$43,220	\$58,250	\$83,890	\$112,910
11-2021	Marketing managers	\$46,720	\$57,840	\$78,770	\$112,310	*
11-2022	Sales managers	\$42,580	\$54,110	\$86,290	\$123,900	*
11-2031	Public relations managers	\$41,880	\$54,080	\$73,140	\$99,440	\$125,990
11-3011	Administrative services managers	\$37,750	\$48,220	\$64,710	\$83,970	\$108,610
11-3021	Computer and information systems managers	\$66,480	\$83,180	\$102,560	\$123,780	*
11-3031	Financial managers	\$53,500	\$67,320	\$87,620	\$114,870	*
11-3041	Compensation and benefits managers	\$40,080	\$48,740	\$63,820	\$82,440	\$112,640
11-3042	Training and development managers	\$42,450	\$54,110	\$70,590	\$90,780	\$123,950
11-3049	Human resources managers, all other	\$52,560	\$67,960	\$85,690	\$108,230	\$130,990
11-3051	Industrial production managers	\$46,830	\$59,690	\$74,390	\$97,750	\$129,150
11-3061	Purchasing managers	\$50,890	\$64,820	\$81,430	\$105,400	\$128,230
11-3071	Transportation, storage, and distribution managers	\$42,670	\$52,220	\$66,400	\$84,360	\$104,670
11-9011	Farm, ranch, and other agricultural managers	\$32,690	\$36,970	\$53,150	\$62,630	\$84,520
11-9021	Construction managers	\$47,010	\$57,650	\$69,750	\$87,880	\$113,060
11-9031	Education administrators, preschool and child care center/program	\$21,930	\$25,460	\$30,440	\$39,110	\$55,260
11-9032	Education administrators, elementary and secondary school	\$50,520	\$60,520	\$71,150	\$83,710	\$93,120
11-9033	Education administrators, postsecondary	\$39,490	\$50,790	\$65,740	\$87,670	\$118,840
11-9039	Education administrators, all other	\$32,970	\$46,480	\$60,890	\$77,030	\$91,090
11-9041	Engineering managers	\$71,920	\$83,440	\$100,120	\$125,890	*
11-9051	Food service managers	\$31,270	\$37,420	\$46,070	\$69,280	\$90,980
11-9061	Funeral directors	\$28,620	\$31,710	\$35,040	\$40,390	\$51,600
11-9071	Gaming managers	\$36,900	\$39,740	\$44,310	\$56,570	\$69,980
11-9081	Lodging managers	\$24,490	\$29,640	\$36,800	\$58,300	\$88,520
11-9111	Medical and health services managers	\$44,070	\$54,060	\$68,100	\$88,180	\$110,350
11-9121	Natural sciences managers	\$51,910	\$68,010	\$89,690	\$111,590	\$134,040
11-9131	Postmasters and mail superintendents	\$32,570	\$40,210	\$49,080	\$56,680	\$69,570
11-9141	Property, real estate, and community association managers	\$24,100	\$29,430	\$41,550	\$63,320	\$96,570
11-9151	Social and community service managers	\$30,380	\$36,280	\$46,170	\$58,580	\$78,390
11-9199	Managers, all other	\$45,710	\$62,770	\$84,630	\$107,260	\$132,380

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Business and Financial Operations						
13-1011	Agents and business managers of artists, performers, and athletes	\$30,760	\$49,990	\$61,660	\$91,190	*
13-1021	Purchasing agents and buyers, farm products	\$26,700	\$30,070	\$41,590	\$55,170	\$74,760
13-1022	Wholesale and retail buyers, except farm products	\$24,330	\$29,800	\$37,390	\$49,860	\$67,360
13-1023	Purchasing agents, except wholesale, retail, and farm products	\$32,580	\$40,010	\$49,760	\$61,330	\$75,910
13-1031	Claims adjusters, examiners, and investigators	\$32,390	\$39,890	\$49,710	\$63,900	\$84,100
13-1032	Insurance appraisers, auto damage	\$40,570	\$48,250	\$52,900	\$57,610	\$60,710
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	\$35,500	\$42,890	\$54,670	\$68,000	\$82,010
13-1051	Cost estimators	\$32,670	\$40,150	\$50,370	\$65,110	\$81,400
13-1061	Emergency management specialists	\$39,850	\$50,490	\$65,690	\$84,040	\$104,470
13-1071	Employment, recruitment, and placement specialists	\$27,240	\$33,360	\$42,790	\$59,240	\$75,670
13-1072	Compensation, benefits, and job analysis specialists	\$31,470	\$37,500	\$48,960	\$63,730	\$76,360
13-1073	Training and development specialists	\$27,990	\$33,880	\$45,600	\$60,830	\$74,990
13-1079	Human resources, training, and labor relations specialists, all other	\$32,340	\$41,210	\$52,280	\$66,700	\$83,170
13-1081	Logisticians	\$42,270	\$50,920	\$62,950	\$79,420	\$96,090
13-1111	Management analysts	\$37,810	\$49,150	\$65,550	\$88,890	\$132,020
13-1121	Meeting and convention planners	\$25,500	\$31,150	\$39,740	\$50,100	\$62,900
13-1199	Business operations specialists, all other	\$32,130	\$43,130	\$57,250	\$76,130	\$96,890
13-2011	Accountants and auditors	\$32,840	\$40,920	\$51,580	\$67,370	\$88,280
13-2021	Appraisers and assessors of real estate	\$29,850	\$38,830	\$51,300	\$71,510	\$127,910
13-2031	Budget analysts	\$40,700	\$48,820	\$58,990	\$71,540	\$84,570
13-2041	Credit analysts	\$31,010	\$39,860	\$52,010	\$66,790	\$84,590
13-2051	Financial analysts	\$36,080	\$44,750	\$59,330	\$80,300	\$112,640
13-2052	Personal financial advisors	\$29,400	\$35,740	\$49,670	\$71,520	\$132,760
13-2053	Insurance underwriters	\$34,540	\$43,550	\$56,390	\$74,910	\$91,380
13-2061	Financial examiners	\$35,310	\$45,030	\$68,400	\$86,560	\$109,290
13-2071	Loan counselors	\$24,700	\$27,510	\$34,550	\$45,830	\$56,780
13-2072	Loan officers	\$29,650	\$37,970	\$52,320	\$70,090	\$98,750
13-2081	Tax examiners, collectors, and revenue agents	\$32,980	\$40,830	\$52,280	\$72,400	\$86,760
13-2082	Tax preparers	\$17,940	\$28,120	\$39,970	\$48,960	\$56,600
13-2099	Financial specialists, all other	\$33,700	\$43,370	\$56,240	\$71,050	\$93,020

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Computer and Mathematical						
15-1011	Computer and information scientists, research	\$50,930	\$67,870	\$86,420	\$104,960	\$118,290
15-1021	Computer programmers	\$37,920	\$50,110	\$65,300	\$84,870	\$107,190
15-1031	Computer software engineers, applications	\$53,670	\$64,560	\$78,320	\$91,220	\$114,070
15-1032	Computer software engineers, systems software	\$56,400	\$67,560	\$81,910	\$95,550	\$111,710
15-1041	Computer support specialists	\$27,090	\$34,720	\$44,290	\$56,100	\$73,800
15-1051	Computer systems analysts	\$46,330	\$58,000	\$71,920	\$86,370	\$98,720
15-1061	Database administrators	\$37,200	\$47,990	\$60,050	\$80,510	\$93,490
15-1071	Network and computer systems administrators	\$39,890	\$48,710	\$61,940	\$78,140	\$93,150
15-1081	Network systems and data communications analysts	\$40,740	\$50,090	\$63,360	\$78,480	\$91,950
15-1099	Computer specialists, all other	\$39,810	\$50,960	\$64,790	\$81,790	\$101,000
15-2011	Actuaries	\$46,900	\$63,790	\$82,460	\$93,630	\$112,980
15-2021	Mathematicians	\$43,350	\$53,060	\$83,350	\$100,500	\$112,300
15-2031	Operations research analysts	\$41,990	\$50,560	\$63,640	\$81,670	\$95,680
15-2041	Statisticians	\$40,880	\$48,670	\$58,190	\$73,480	\$89,670
Architecture and Engineering						
17-1011	Architects, except landscape and naval	\$37,230	\$42,500	\$53,340	\$71,240	\$88,270
17-1012	Landscape architects	\$35,790	\$41,810	\$51,690	\$65,140	\$78,720
17-1021	Cartographers and photogrammetrists	\$36,570	\$43,200	\$54,580	\$67,750	\$81,960
17-1022	Surveyors	\$30,150	\$34,110	\$43,900	\$55,290	\$67,430
17-2011	Aerospace engineers	\$52,900	\$63,990	\$78,020	\$90,690	\$106,880
17-2021	Agricultural engineers	\$40,260	\$48,200	\$59,920	\$69,010	\$84,630
17-2031	Biomedical engineers	\$48,530	\$57,100	\$65,760	\$74,800	\$90,170
17-2041	Chemical engineers	\$49,900	\$63,260	\$81,170	\$104,860	\$127,390
17-2051	Civil engineers	\$42,910	\$50,390	\$61,610	\$76,300	\$93,240
17-2061	Computer hardware engineers	\$63,210	\$75,630	\$96,520	\$117,000	\$138,740
17-2071	Electrical engineers	\$49,160	\$59,170	\$72,280	\$88,360	\$107,930
17-2072	Electronics engineers, except computer	\$53,570	\$63,760	\$77,450	\$95,820	\$117,810
17-2081	Environmental engineers	\$41,770	\$54,550	\$72,230	\$85,840	\$101,260
17-2111	Health and safety engineers, except mining safety engineers and inspectors	\$48,580	\$58,070	\$73,030	\$86,560	\$101,080
17-2112	Industrial engineers	\$48,340	\$58,070	\$72,150	\$89,630	\$107,980

* No data available

Table 4b—Annual Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
17-2131	Materials engineers	\$46,980	\$55,640	\$71,360	\$89,970	\$110,110
17-2141	Mechanical engineers	\$44,080	\$53,550	\$68,030	\$84,910	\$104,200
17-2151	Mining and geological engineers, including mining safety engineers	\$46,320	\$53,890	\$72,620	\$96,100	\$113,850
17-2171	Petroleum engineers	\$54,200	\$70,530	\$92,290	\$114,510	\$138,690
17-2199	Engineers, all other	\$44,330	\$56,530	\$75,030	\$97,090	\$117,590
17-3011	Architectural and civil drafters	\$29,810	\$34,730	\$42,690	\$51,640	\$58,960
17-3012	Electrical and electronics drafters	\$28,980	\$35,160	\$45,580	\$58,750	\$72,560
17-3013	Mechanical drafters	\$27,720	\$32,030	\$38,450	\$48,100	\$65,320
17-3019	Drafters, all other	\$24,060	\$27,650	\$39,800	\$50,950	\$70,470
17-3021	Aerospace engineering and operations technicians	\$43,400	\$53,730	\$61,980	\$68,820	\$75,850
17-3022	Civil engineering technicians	\$25,250	\$30,540	\$39,520	\$47,640	\$55,730
17-3023	Electrical and electronic engineering technicians	\$24,210	\$33,280	\$46,590	\$55,830	\$66,570
17-3024	Electro-mechanical technicians	\$31,210	\$37,680	\$44,840	\$53,860	\$59,630
17-3025	Environmental engineering technicians	\$22,860	\$27,780	\$37,380	\$44,870	\$58,610
17-3026	Industrial engineering technicians	\$29,720	\$37,190	\$45,090	\$58,350	\$76,120
17-3027	Mechanical engineering technicians	\$25,080	\$36,400	\$47,970	\$55,680	\$66,160
17-3029	Engineering technicians, except drafters, all other	\$31,540	\$40,100	\$49,530	\$57,360	\$67,610
17-3031	Surveying and mapping technicians	\$24,870	\$30,450	\$39,350	\$45,640	\$54,190
Life, Physical, and Social Science						
19-1012	Food scientists and technologists	\$33,690	\$43,190	\$58,090	\$78,150	\$95,830
19-1013	Soil and plant scientists	\$33,290	\$40,980	\$57,940	\$76,280	\$89,420
19-1021	Biochemists and biophysicists	\$44,860	\$60,870	\$74,040	\$87,840	\$102,370
19-1022	Microbiologists	\$35,220	\$43,760	\$55,820	\$77,700	\$99,730
19-1023	Zoologists and wildlife biologists	\$45,460	\$50,280	\$55,660	\$63,890	\$82,840
19-1029	Biological scientists, all other	\$38,150	\$50,420	\$66,870	\$82,130	\$93,200
19-1031	Conservation scientists	\$32,920	\$42,690	\$53,610	\$66,090	\$78,770
19-1032	Foresters	\$38,690	\$45,370	\$53,620	\$66,130	\$81,630
19-1042	Medical scientists, except epidemiologists	\$27,870	\$34,520	\$53,560	\$84,000	\$114,980
19-2012	Physicists	\$39,710	\$53,830	\$81,540	\$105,920	\$128,470
19-2031	Chemists	\$34,000	\$44,130	\$63,860	\$86,930	\$107,740
19-2032	Materials scientists	\$54,800	\$66,190	\$88,950	\$108,600	\$127,170
19-2041	Environmental scientists and specialists, including health	\$30,520	\$38,990	\$57,230	\$76,550	\$93,170

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
19-2042	Geoscientists, except hydrologists and geographers	\$41,440	\$56,100	\$79,280	\$105,010	\$124,420
19-2043	Hydrologists	\$46,490	\$55,610	\$68,530	\$85,580	\$109,080
19-2099	Physical scientists, all other	\$39,120	\$49,660	\$65,880	\$83,770	\$100,980
19-3011	Economists	\$52,660	\$65,200	\$78,130	\$89,250	\$111,400
19-3021	Market research analysts	\$32,250	\$40,560	\$59,950	\$83,670	\$104,610
19-3022	Survey researchers	\$16,500	\$25,890	\$38,270	\$43,750	\$55,150
19-3031	Clinical, counseling, and school psychologists	\$33,020	\$40,990	\$54,340	\$67,570	\$81,450
19-3032	Industrial-organizational psychologists	\$92,280	\$96,300	\$103,350	\$110,420	\$114,670
19-3039	Psychologists, all other	\$25,720	\$30,990	\$45,250	\$64,850	\$81,580
19-3051	Urban and regional planners	\$34,000	\$41,370	\$53,590	\$66,870	\$78,540
19-3091	Anthropologists and archeologists	\$24,640	\$28,820	\$41,540	\$57,130	\$73,050
19-3099	Social scientists and related workers, all other	\$37,670	\$48,320	\$61,520	\$77,220	\$91,400
19-4011	Agricultural and food science technicians	\$20,680	\$24,690	\$30,760	\$38,460	\$48,490
19-4021	Biological technicians	\$23,570	\$26,710	\$33,670	\$43,390	\$53,330
19-4031	Chemical technicians	\$25,540	\$31,220	\$37,720	\$45,600	\$55,610
19-4041	Geological and petroleum technicians	\$30,940	\$41,620	\$50,070	\$60,440	\$69,770
19-4061	Social science research assistants	\$23,070	\$25,510	\$30,490	\$41,920	\$55,080
19-4091	Environmental science and protection technicians, including health	\$26,460	\$32,600	\$44,080	\$57,200	\$70,070
19-4092	Forensic science technicians	\$33,300	\$39,770	\$47,670	\$54,850	\$62,910
19-4099	Life, physical, and social science technicians, all other	\$24,360	\$29,790	\$42,240	\$53,460	\$65,010
Community and Social Services						
21-1011	Substance abuse and behavioral disorder counselors	\$20,530	\$24,250	\$28,300	\$34,260	\$43,730
21-1012	Educational, vocational, and school counselors	\$28,760	\$34,950	\$45,030	\$57,660	\$68,560
21-1014	Mental health counselors	\$23,010	\$26,320	\$32,210	\$40,600	\$50,510
21-1015	Rehabilitation counselors	\$18,400	\$22,550	\$27,330	\$36,150	\$53,670
21-1019	Counselors, all other	\$22,250	\$27,690	\$36,020	\$44,670	\$57,350
21-1021	Child, family, and school social workers	\$25,270	\$31,430	\$39,840	\$50,270	\$59,150
21-1022	Medical and public health social workers	\$25,530	\$31,660	\$40,510	\$48,860	\$57,620
21-1023	Mental health and substance abuse social workers	\$17,190	\$22,350	\$31,760	\$45,030	\$55,090
21-1029	Social workers, all other	\$21,380	\$26,870	\$33,120	\$41,410	\$50,390
21-1091	Health educators	\$22,900	\$31,270	\$41,630	\$55,620	\$68,910
21-1092	Probation officers and correctional treatment specialists	\$36,400	\$43,350	\$53,710	\$63,840	\$69,950

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
21-1093	Social and human service assistants	\$15,560	\$20,910	\$26,600	\$32,930	\$39,930
21-1099	Community and social service specialists, all other	\$17,970	\$22,640	\$31,860	\$43,560	\$52,930
21-2011	Clergy	\$13,140	\$22,490	\$36,880	\$43,950	\$56,530
21-2021	Directors, religious activities and education	\$14,100	\$22,400	\$37,910	\$48,810	\$61,450
Legal						
23-1011	Lawyers	\$49,940	\$63,680	\$87,310	\$116,690	*
23-1021	Administrative law judges, adjudicators, and hearing officers	\$58,010	\$70,140	\$83,830	\$104,800	*
23-1022	Arbitrators, mediators, and conciliators	\$24,320	\$30,620	\$42,270	\$54,760	\$100,800
23-1023	Judges, magistrate judges, and magistrates	\$60,750	\$75,400	\$86,110	\$103,170	\$127,770
23-2011	Paralegals and legal assistants	\$30,830	\$36,530	\$41,990	\$48,500	\$58,080
23-2091	Court reporters	\$32,460	\$38,080	\$48,300	\$65,450	\$102,910
23-2092	Law clerks	\$26,460	\$30,390	\$35,050	\$43,350	\$55,620
23-2093	Title examiners, abstractors, and searchers	\$22,730	\$27,420	\$36,150	\$48,930	\$58,880
23-2099	Legal support workers, all other	\$29,060	\$33,340	\$40,250	\$49,170	\$58,870
Education, Training, and Library						
25-1011	Business teachers, postsecondary	\$28,030	\$38,620	\$53,970	\$82,440	\$114,500
25-1021	Computer science teachers, postsecondary	\$28,420	\$38,200	\$48,200	\$68,310	\$102,450
25-1022	Mathematical science teachers, postsecondary	\$27,750	\$38,180	\$48,570	\$66,450	\$88,640
25-1032	Engineering teachers, postsecondary	\$46,120	\$62,170	\$80,740	\$102,910	\$129,790
25-1041	Agricultural sciences teachers, postsecondary	\$31,240	\$33,920	\$38,820	\$53,290	\$72,720
25-1042	Biological science teachers, postsecondary	\$36,360	\$46,720	\$65,370	\$95,640	\$126,850
25-1051	Atmospheric, earth, marine, and space sciences teachers, postsecondary	\$38,570	\$52,460	\$69,320	\$91,060	\$112,470
25-1052	Chemistry teachers, postsecondary	\$39,710	\$49,130	\$63,550	\$86,230	\$108,940
25-1053	Environmental science teachers, postsecondary	\$35,890	\$43,670	\$61,870	\$71,700	\$91,240
25-1054	Physics teachers, postsecondary	\$43,850	\$58,250	\$72,540	\$91,670	\$110,000
25-1061	Anthropology and archeology teachers, postsecondary	\$36,470	\$47,840	\$57,250	\$71,700	\$93,640
25-1062	Area, ethnic, and cultural studies teachers, postsecondary	\$37,110	\$46,390	\$55,290	\$73,250	\$93,320
25-1063	Economics teachers, postsecondary	\$39,780	\$49,710	\$66,010	\$87,610	\$108,660
25-1064	Geography teachers, postsecondary	\$40,280	\$47,670	\$60,040	\$82,300	\$101,430
25-1065	Political science teachers, postsecondary	\$38,210	\$46,560	\$60,860	\$83,440	\$105,840
25-1066	Psychology teachers, postsecondary	\$28,610	\$36,250	\$48,180	\$64,320	\$87,780

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
25-1067	Sociology teachers, postsecondary	\$33,620	\$41,910	\$52,650	\$66,820	\$92,640
25-1071	Health specialties teachers, postsecondary	\$30,300	\$45,460	\$70,040	\$109,520	*
25-1072	Nursing instructors and teachers, postsecondary	\$37,800	\$43,020	\$53,300	\$65,570	\$76,730
25-1081	Education teachers, postsecondary	\$26,790	\$35,530	\$46,720	\$60,080	\$78,750
25-1111	Criminal justice and law enforcement teachers, postsecondary	\$28,440	\$37,190	\$51,950	\$87,570	\$140,600
25-1112	Law teachers, postsecondary	\$38,590	\$60,780	\$95,470	\$135,010	*
25-1121	Art, drama, and music teachers, postsecondary	\$32,810	\$39,950	\$48,670	\$60,810	\$76,350
25-1122	Communications teachers, postsecondary	\$26,740	\$32,460	\$45,300	\$60,370	\$78,730
25-1123	English language and literature teachers, postsecondary	\$28,430	\$36,110	\$44,660	\$58,920	\$78,610
25-1124	Foreign language and literature teachers, postsecondary	\$30,810	\$37,620	\$47,250	\$57,570	\$75,870
25-1125	History teachers, postsecondary	\$32,390	\$42,310	\$54,020	\$72,220	\$95,160
25-1126	Philosophy and religion teachers, postsecondary	\$22,930	\$32,440	\$48,350	\$67,070	\$89,890
25-1193	Recreation and fitness studies teachers, postsecondary	\$19,420	\$22,230	\$26,680	\$37,810	\$47,430
25-1194	Vocational education teachers, postsecondary	\$26,950	\$32,740	\$42,740	\$66,360	\$85,400
25-1199	Postsecondary teachers, all other	\$23,910	\$25,480	\$28,100	\$52,990	\$73,190
25-2011	Preschool teachers, except special education	\$16,180	\$19,090	\$21,390	\$24,300	\$32,190
25-2012	Kindergarten teachers, except special education	\$26,950	\$31,960	\$38,850	\$49,840	\$58,970
25-2021	Elementary school teachers, except special education	\$29,500	\$33,200	\$40,620	\$52,200	\$62,530
25-2022	Middle school teachers, except special and vocational education	\$29,970	\$33,480	\$40,830	\$52,340	\$62,330
25-2023	Vocational education teachers, middle school	\$30,350	\$34,050	\$41,960	\$52,770	\$59,460
25-2031	Secondary school teachers, except special and vocational education	\$30,330	\$34,280	\$42,590	\$54,270	\$64,660
25-2032	Vocational education teachers, secondary school	\$30,790	\$35,270	\$44,380	\$54,540	\$64,550
25-2041	Special education teachers, preschool, kindergarten, and elementary school	\$31,550	\$36,450	\$45,810	\$56,750	\$66,370
25-2042	Special education teachers, middle school	\$30,920	\$35,270	\$43,500	\$53,960	\$63,630
25-2043	Special education teachers, secondary school	\$30,550	\$35,150	\$44,630	\$56,650	\$66,290
25-3011	Adult literacy, remedial education, and GED teachers and instructors	\$22,020	\$26,230	\$32,500	\$40,970	\$50,870
25-3099	Teachers and instructors, all other	\$25,430	\$31,210	\$38,000	\$50,530	\$62,460
25-4011	Archivists	\$29,100	\$34,720	\$39,420	\$43,490	\$48,910
25-4012	Curators	\$28,910	\$38,610	\$48,890	\$59,390	\$73,130
25-4013	Museum technicians and conservators	\$18,380	\$25,070	\$30,690	\$38,630	\$47,460
25-4021	Librarians	\$31,590	\$38,790	\$48,390	\$59,550	\$69,490

* No data available

Table 4b—Annual Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
25-4031	Library technicians	\$18,610	\$21,610	\$26,270	\$33,200	\$40,690
25-9011	Audio-visual collections specialists	\$24,040	\$26,810	\$32,210	\$40,390	\$50,290
25-9021	Farm and home management advisors	\$30,300	\$33,550	\$40,350	\$52,800	\$70,820
25-9031	Instructional coordinators	\$26,910	\$34,290	\$48,720	\$63,800	\$72,060
25-9041	Teacher assistants	\$15,390	\$18,250	\$21,240	\$24,610	\$28,250
25-9099	Education, training, and library workers, all other	\$28,180	\$36,640	\$44,530	\$56,920	\$68,840
Arts, Design, Entertainment, Sports, and Media						
27-1011	Art directors	\$39,810	\$48,020	\$62,410	\$87,620	\$111,750
27-1013	Fine artists, including painters, sculptors, and illustrators	\$15,200	\$17,710	\$25,730	\$34,990	\$45,930
27-1014	Multi-media artists and animators	\$26,660	\$37,370	\$47,530	\$62,230	\$76,580
27-1019	Artists and related workers, all other	\$12,700	\$14,670	\$28,990	\$41,410	\$47,050
27-1021	Commercial and industrial designers	\$28,000	\$35,420	\$45,500	\$58,010	\$78,290
27-1022	Fashion designers	\$26,060	\$38,200	\$45,390	\$66,610	\$85,720
27-1023	Floral designers	\$13,030	\$19,070	\$22,320	\$27,170	\$34,520
27-1024	Graphic designers	\$24,800	\$30,890	\$38,340	\$46,730	\$57,990
27-1025	Interior designers	\$26,620	\$33,870	\$41,490	\$51,570	\$73,670
27-1026	Merchandise displayers and window trimmers	\$16,690	\$18,660	\$20,930	\$24,850	\$31,960
27-1027	Set and exhibit designers	\$29,650	\$32,230	\$36,360	\$51,770	\$67,610
27-1029	Designers, all other	\$16,520	\$26,540	\$42,320	\$57,500	\$68,760
27-2012	Producers and directors	\$25,920	\$38,030	\$49,670	\$62,120	\$92,330
27-2021	Athletes and sports competitors	\$23,560	\$74,830	*	*	*
27-2022	Coaches and scouts	\$14,250	\$20,790	\$29,700	\$41,620	\$64,920
27-2023	Umpires, referees, and other sports officials	\$12,370	\$15,020	\$20,760	\$30,390	\$40,530
27-2032	Choreographers	\$27,870	\$31,510	\$35,310	\$46,610	\$59,830
27-2041	Music directors and composers	\$13,640	\$15,750	\$34,720	\$46,640	\$56,780
27-3011	Radio and television announcers	\$13,840	\$17,170	\$26,140	\$40,220	\$64,730
27-3012	Public address system and other announcers	\$14,010	\$16,930	\$21,900	\$28,830	\$34,830
27-3021	Broadcast news analysts	\$22,990	\$28,500	\$41,590	\$63,630	\$87,250
27-3022	Reporters and correspondents	\$15,990	\$20,300	\$27,580	\$50,800	\$72,080
27-3031	Public relations specialists	\$27,870	\$33,670	\$44,400	\$61,410	\$80,560
27-3041	Editors	\$26,650	\$33,450	\$44,810	\$56,960	\$72,360
27-3042	Technical writers	\$37,790	\$46,550	\$55,810	\$71,200	\$85,940

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
27-3043	Writers and authors	\$24,220	\$31,830	\$45,400	\$62,520	\$85,580
27-3091	Interpreters and translators	\$30,310	\$36,950	\$52,280	\$69,310	\$103,510
27-3099	Media and communication workers, all other	\$19,970	\$28,990	\$40,270	\$60,050	\$74,910
27-4011	Audio and video equipment technicians	\$22,060	\$29,250	\$45,010	\$53,400	\$57,680
27-4012	Broadcast technicians	\$15,570	\$18,960	\$31,240	\$41,050	\$54,870
27-4014	Sound engineering technicians	\$19,280	\$26,530	\$35,320	\$46,790	\$63,940
27-4021	Photographers	\$13,730	\$18,450	\$26,930	\$43,060	\$57,250
27-4031	Camera operators, television, video, and motion picture	\$15,450	\$24,160	\$32,440	\$47,120	\$54,420
27-4032	Film and video editors	\$21,420	\$30,630	\$43,370	\$97,550	\$110,710
27-4099	Media and communication equipment workers, all other	\$24,420	\$28,250	\$35,990	\$55,320	\$74,990
Healthcare Practitioners and Technical						
29-1011	Chiropractors	\$36,830	\$41,690	\$59,140	\$74,320	\$103,590
29-1021	Dentists, general	\$65,660	\$85,010	*	*	*
29-1022	Oral and maxillofacial surgeons	\$61,600	\$126,660	\$136,770	*	*
29-1031	Dietitians and nutritionists	\$24,010	\$30,960	\$42,360	\$52,720	\$60,490
29-1041	Optometrists	\$39,200	\$63,270	\$85,360	\$106,040	\$132,060
29-1051	Pharmacists	\$72,980	\$78,590	\$85,880	\$93,630	\$108,110
29-1062	Family and general practitioners	\$60,980	\$85,950	\$108,700	*	*
29-1063	Internists, general	\$100,970	\$119,220	\$140,520	*	*
29-1064	Obstetricians and gynecologists	\$129,950	*	*	*	*
29-1065	Pediatricians, general	\$90,470	\$104,060	\$124,200	*	*
29-1066	Psychiatrists	\$87,330	\$120,600	*	*	*
29-1069	Physicians and surgeons, all other	\$55,090	\$96,550	\$131,300	*	*
29-1071	Physician assistants	\$35,950	\$49,290	\$62,620	\$73,290	\$85,230
29-1081	Podiatrists	\$72,550	\$82,980	\$128,790	*	*
29-1111	Registered nurses	\$38,390	\$45,450	\$53,240	\$62,630	\$71,150
29-1121	Audiologists	\$36,910	\$42,010	\$49,370	\$56,750	\$66,150
29-1122	Occupational therapists	\$34,980	\$40,940	\$48,780	\$56,400	\$66,750
29-1123	Physical therapists	\$37,090	\$45,480	\$53,330	\$61,720	\$69,700
29-1124	Radiation therapists	\$44,340	\$53,720	\$64,020	\$73,690	\$84,410
29-1125	Recreational therapists	\$19,950	\$24,160	\$34,690	\$43,110	\$50,750
29-1126	Respiratory therapists	\$35,470	\$38,980	\$43,760	\$50,370	\$55,550

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
29-1127	Speech-language pathologists	\$36,000	\$43,120	\$52,400	\$62,670	\$70,770
29-1129	Therapists, all other	\$27,180	\$31,930	\$40,310	\$59,340	\$101,980
29-1131	Veterinarians	\$27,880	\$42,030	\$56,870	\$70,850	\$110,080
29-1199	Health diagnosing and treating practitioners, all other	\$37,390	\$43,920	\$60,540	*	*
29-2011	Medical and clinical laboratory technologists	\$31,970	\$38,520	\$47,220	\$54,230	\$59,830
29-2012	Medical and clinical laboratory technicians	\$22,170	\$26,310	\$33,100	\$41,380	\$48,130
29-2021	Dental hygienists	\$54,160	\$64,320	\$75,300	\$84,530	\$90,120
29-2031	Cardiovascular technologists and technicians	\$23,620	\$27,940	\$38,130	\$51,830	\$63,290
29-2032	Diagnostic medical sonographers	\$28,580	\$48,640	\$59,330	\$77,000	\$87,850
29-2033	Nuclear medicine technologists	\$40,330	\$46,160	\$53,030	\$60,080	\$68,690
29-2034	Radiologic technologists and technicians	\$33,070	\$38,720	\$45,250	\$52,910	\$58,370
29-2041	Emergency medical technicians and paramedics	\$20,120	\$24,590	\$30,120	\$38,870	\$47,060
29-2051	Dietetic technicians	\$13,640	\$18,470	\$23,790	\$28,110	\$33,610
29-2052	Pharmacy technicians	\$19,590	\$23,200	\$27,590	\$32,830	\$36,360
29-2053	Psychiatric technicians	\$23,480	\$26,300	\$30,570	\$34,620	\$39,240
29-2054	Respiratory therapy technicians	\$26,970	\$33,030	\$38,850	\$44,360	\$52,250
29-2055	Surgical technologists	\$23,250	\$28,250	\$35,860	\$42,390	\$48,780
29-2056	Veterinary technologists and technicians	\$18,820	\$20,470	\$23,260	\$27,160	\$30,700
29-2061	Licensed practical and licensed vocational nurses	\$26,610	\$30,920	\$35,710	\$41,830	\$46,290
29-2071	Medical records and health information technicians	\$19,800	\$23,290	\$27,960	\$35,600	\$44,070
29-2081	Opticians, dispensing	\$20,890	\$25,560	\$31,480	\$37,900	\$45,180
29-2099	Health technologists and technicians, all other	\$20,810	\$25,020	\$31,170	\$39,590	\$46,020
29-9011	Occupational health and safety specialists	\$34,720	\$45,570	\$58,870	\$72,140	\$86,300
29-9012	Occupational health and safety technicians	\$31,100	\$37,580	\$50,280	\$63,680	\$79,270
29-9091	Athletic trainers	\$24,840	\$32,720	\$42,640	\$55,280	\$78,230
29-9099	Healthcare practitioners and technical workers, all other	\$23,930	\$29,290	\$37,090	\$49,150	\$64,570
Healthcare Support						
31-1011	Home health aides	\$15,280	\$17,120	\$19,890	\$22,420	\$26,650
31-1012	Nursing aides, orderlies, and attendants	\$17,500	\$19,800	\$23,090	\$27,080	\$31,480
31-1013	Psychiatric aides	\$17,070	\$19,630	\$23,210	\$26,680	\$29,510
31-2011	Occupational therapist assistants	\$26,720	\$30,690	\$35,830	\$41,150	\$44,470
31-2012	Occupational therapist aides	\$18,510	\$20,890	\$25,950	\$32,950	\$39,300

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
31-2021	Physical therapist assistants	\$24,720	\$29,900	\$33,600	\$38,200	\$43,360
31-2022	Physical therapist aides	\$13,060	\$17,840	\$22,710	\$27,640	\$33,880
31-9011	Massage therapists	\$21,530	\$25,400	\$29,340	\$55,500	\$67,300
31-9091	Dental assistants	\$22,800	\$26,460	\$35,870	\$43,000	\$49,190
31-9092	Medical assistants	\$20,090	\$23,610	\$28,200	\$33,350	\$36,780
31-9093	Medical equipment preparers	\$19,250	\$22,000	\$25,690	\$29,400	\$34,770
31-9094	Medical transcriptionists	\$23,070	\$27,770	\$32,990	\$38,490	\$47,710
31-9095	Pharmacy aides	\$18,260	\$19,900	\$22,490	\$29,170	\$33,460
31-9099	Healthcare support workers, all other	\$19,190	\$22,790	\$27,040	\$32,650	\$38,360
Protective Service						
33-1011	First-line supervisors/managers of correctional officers	\$46,650	\$52,320	\$60,600	\$67,470	\$71,600
33-1012	First-line supervisors/managers of police and detectives	\$51,020	\$62,450	\$72,150	\$84,770	\$92,820
33-1021	First-line supervisors/managers of fire fighting and prevention workers	\$50,490	\$60,260	\$66,780	\$73,290	\$85,730
33-1099	First-line supervisors/managers, protective service workers, all other	\$29,770	\$32,790	\$41,400	\$61,900	\$78,250
33-2011	Fire fighters	\$31,090	\$38,340	\$47,330	\$57,570	\$66,790
33-2021	Fire inspectors and investigators	\$39,040	\$58,810	\$63,790	\$68,760	\$71,740
33-3011	Balliffs	\$20,080	\$23,560	\$27,270	\$35,680	\$48,100
33-3012	Correctional officers and jailers	\$29,590	\$33,640	\$40,370	\$48,230	\$53,900
33-3021	Detectives and criminal investigators	\$40,950	\$52,450	\$63,420	\$71,180	\$81,200
33-3031	Fish and game wardens	\$36,830	\$41,840	\$48,200	\$53,240	\$56,260
33-3041	Parking enforcement workers	\$24,600	\$29,380	\$35,070	\$40,960	\$44,670
33-3051	Police and sheriff's patrol officers	\$35,290	\$41,700	\$50,440	\$59,090	\$68,200
33-9011	Animal control workers	\$22,920	\$26,300	\$31,750	\$37,920	\$42,960
33-9021	Private detectives and investigators	\$21,150	\$27,300	\$48,450	\$57,070	\$67,100
33-9031	Gaming surveillance officers and gaming investigators	\$18,920	\$20,420	\$23,490	\$32,110	\$36,090
33-9032	Security guards	\$17,820	\$20,020	\$23,260	\$28,900	\$36,910
33-9091	Crossing guards	\$16,040	\$19,140	\$24,390	\$32,640	\$35,880
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	\$13,540	\$15,490	\$18,150	\$21,130	\$23,530
33-9099	Protective service workers, all other	\$19,220	\$24,190	\$30,200	\$35,480	\$44,880
Food Preparation and Serving Related						
35-1011	Chefs and head cooks	\$20,070	\$23,750	\$33,960	\$45,210	\$60,420
35-1012	First-line supervisors/managers of food preparation and serving workers	\$18,060	\$22,240	\$27,390	\$35,060	\$43,160

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
35-2011	Cooks, fast food	\$12,480	\$14,320	\$16,420	\$19,290	\$21,670
35-2012	Cooks, institution and cafeteria	\$15,360	\$18,250	\$22,040	\$26,840	\$32,230
35-2014	Cooks, restaurant	\$14,880	\$17,820	\$20,770	\$24,590	\$28,690
35-2015	Cooks, short order	\$13,940	\$16,650	\$20,240	\$23,120	\$26,250
35-2019	Cooks, all other	\$19,690	\$23,580	\$27,390	\$31,900	\$35,000
35-2021	Food preparation workers	\$13,740	\$15,640	\$17,990	\$22,030	\$26,590
35-3011	Bartenders	\$11,640	\$12,590	\$14,190	\$17,960	\$24,530
35-3021	Combined food preparation and serving workers, including fast food	\$12,260	\$14,160	\$16,040	\$17,860	\$21,420
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	\$12,180	\$13,900	\$15,930	\$18,170	\$21,780
35-3031	Waiters and waitresses	\$11,590	\$12,500	\$14,020	\$20,700	\$26,110
35-3041	Food servers, nonrestaurant	\$12,880	\$15,270	\$18,860	\$22,770	\$27,030
35-9011	Dining room and cafeteria attendants and bartender helpers	\$11,610	\$12,610	\$14,340	\$16,970	\$20,980
35-9021	Dishwashers	\$12,430	\$14,370	\$16,120	\$17,860	\$20,670
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	\$11,930	\$13,420	\$15,840	\$18,630	\$22,090
35-9099	Food preparation and serving related workers, all other	\$15,380	\$17,200	\$19,800	\$22,210	\$25,650
Building and Grounds Cleaning and Maintenance						
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	\$19,540	\$22,750	\$28,440	\$38,250	\$48,160
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	\$25,650	\$33,500	\$43,120	\$51,810	\$58,160
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	\$14,680	\$16,360	\$19,200	\$23,640	\$29,150
37-2012	Maids and housekeeping cleaners	\$13,540	\$15,420	\$17,820	\$21,400	\$24,950
37-2019	Building cleaning workers, all other	\$15,000	\$16,170	\$18,100	\$32,530	\$34,920
37-2021	Pest control workers	\$17,240	\$23,500	\$31,130	\$42,430	\$52,680
37-3011	Landscaping and groundskeeping workers	\$15,870	\$18,580	\$21,640	\$27,750	\$34,250
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	\$18,780	\$21,440	\$26,160	\$33,230	\$40,470
37-3013	Tree trimmers and pruners	\$24,030	\$26,940	\$31,670	\$36,960	\$42,160
37-3019	Grounds maintenance workers, all other	\$14,650	\$16,680	\$21,100	\$32,260	\$42,910
Personal Care and Service						
39-1011	Gaming supervisors	\$29,300	\$31,500	\$35,000	\$41,670	\$47,030
39-1012	Slot key persons	\$23,160	\$24,700	\$27,120	\$31,230	\$35,610
39-1021	First-line supervisors/managers of personal service workers	\$19,980	\$24,190	\$30,510	\$42,820	\$54,360
39-2011	Animal trainers	\$13,520	\$16,060	\$19,680	\$25,390	\$41,760

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
39-2021	Nonfarm animal caretakers	\$13,530	\$15,650	\$18,570	\$22,650	\$29,030
39-3012	Gaming and sports book writers and runners	\$12,730	\$15,140	\$17,640	\$21,920	\$27,010
39-3019	Gaming service workers, all other	\$13,770	\$18,290	\$21,790	\$29,290	\$35,400
39-3021	Motion picture projectionists	\$14,580	\$16,070	\$19,560	\$25,890	\$29,140
39-3031	Ushers, lobby attendants, and ticket takers	\$11,750	\$12,900	\$14,630	\$16,460	\$17,590
39-3091	Amusement and recreation attendants	\$12,270	\$14,210	\$17,000	\$21,040	\$25,840
39-3092	Costume attendants	\$18,840	\$20,610	\$24,580	\$33,170	\$43,050
39-3093	Locker room, coatroom, and dressing room attendants	\$13,100	\$15,200	\$18,620	\$22,500	\$26,900
39-4011	Embalmers	\$19,500	\$21,960	\$26,970	\$32,220	\$36,120
39-4021	Funeral attendants	\$15,150	\$16,680	\$19,530	\$24,160	\$28,460
39-5011	Barbers	\$18,870	\$20,210	\$22,430	\$26,430	\$32,620
39-5012	Hairdressers, hairstylists, and cosmetologists	\$16,930	\$19,600	\$23,540	\$31,420	\$42,940
39-5092	Manicurists and pedicurists	\$14,630	\$16,140	\$19,050	\$23,950	\$32,610
39-5093	Shampooers	\$11,810	\$13,000	\$14,870	\$17,290	\$20,520
39-5094	Skin care specialists	\$12,050	\$13,340	\$16,310	\$25,040	\$42,900
39-6011	Baggage porters and bellhops	\$11,880	\$13,310	\$17,440	\$25,630	\$39,280
39-6012	Concierges	\$17,200	\$20,180	\$24,540	\$28,800	\$33,260
39-6021	Tour guides and escorts	\$14,410	\$16,480	\$19,800	\$23,310	\$27,980
39-6032	Transportation attendants, except flight attendants and baggage porters	\$18,540	\$19,570	\$21,270	\$23,280	\$26,580
39-9011	Child care workers	\$13,180	\$15,350	\$18,030	\$21,850	\$26,440
39-9021	Personal and home care aides	\$13,930	\$15,370	\$17,280	\$20,450	\$22,820
39-9031	Fitness trainers and aerobics instructors	\$15,340	\$19,270	\$31,050	\$43,620	\$54,680
39-9032	Recreation workers	\$14,930	\$17,240	\$21,780	\$28,680	\$38,990
39-9041	Residential advisors	\$11,900	\$13,310	\$20,120	\$27,410	\$35,170
39-9099	Personal care and service workers, all other	\$13,900	\$17,720	\$22,290	\$25,910	\$28,100
Sales and Related						
41-1011	First-line supervisors/managers of retail sales workers	\$23,650	\$27,960	\$35,170	\$44,920	\$59,410
41-1012	First-line supervisors/managers of non-retail sales workers	\$36,450	\$48,760	\$68,350	\$90,960	\$116,440
41-2011	Cashiers	\$13,280	\$15,380	\$18,050	\$22,480	\$31,000
41-2012	Gaming change persons and booth cashiers	\$18,450	\$20,690	\$24,400	\$27,430	\$29,560
41-2021	Counter and rental clerks	\$13,320	\$15,970	\$20,080	\$25,940	\$34,610
41-2022	Parts salespersons	\$18,810	\$22,520	\$28,490	\$37,240	\$49,730

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
41-2031	Retail salespersons	\$13,950	\$16,190	\$20,160	\$27,400	\$39,920
41-3011	Advertising sales agents	\$23,880	\$29,550	\$40,670	\$63,270	\$88,520
41-3021	Insurance sales agents	\$22,340	\$30,640	\$44,520	\$74,910	\$101,390
41-3031	Securities, commodities, and financial services sales agents	\$32,750	\$40,220	\$54,660	\$113,220	*
41-3041	Travel agents	\$16,060	\$20,530	\$26,580	\$33,430	\$42,140
41-3099	Sales representatives, services, all other	\$28,760	\$36,660	\$46,730	\$66,990	\$87,930
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	\$32,060	\$42,820	\$63,720	\$96,610	\$132,290
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	\$26,330	\$35,160	\$47,990	\$66,420	\$92,720
41-9011	Demonstrators and product promoters	\$15,440	\$16,960	\$21,100	\$27,400	\$49,050
41-9021	Real estate brokers	\$23,960	\$27,410	\$50,630	\$83,690	\$118,680
41-9022	Real estate sales agents	\$22,200	\$26,680	\$41,850	\$60,300	\$95,540
41-9031	Sales engineers	\$46,460	\$60,110	\$70,730	\$90,040	\$131,730
41-9041	Telemarketers	\$14,680	\$16,780	\$20,190	\$24,820	\$36,340
41-9091	Door-to-door sales workers, news and street vendors, and related workers	\$13,950	\$21,480	\$27,700	\$34,380	\$45,280
41-9099	Sales and related workers, all other	\$13,690	\$18,150	\$31,290	\$45,360	\$58,840
Office and Administrative Support						
43-1011	First-line supervisors/managers of office and administrative support workers	\$28,920	\$35,700	\$44,790	\$56,260	\$70,200
43-2011	Switchboard operators, including answering service	\$15,550	\$19,330	\$22,930	\$27,330	\$32,220
43-2021	Telephone operators	\$18,590	\$19,800	\$21,690	\$24,920	\$27,340
43-2099	Communications equipment operators, all other	\$25,600	\$31,000	\$38,210	\$42,810	\$46,180
43-3011	Bill and account collectors	\$20,550	\$24,860	\$29,580	\$35,210	\$42,590
43-3021	Billing and posting clerks and machine operators	\$17,950	\$23,230	\$28,060	\$33,500	\$37,870
43-3031	Bookkeeping, accounting, and auditing clerks	\$19,800	\$25,070	\$31,180	\$37,950	\$44,700
43-3041	Gaming cage workers	\$17,580	\$21,500	\$25,870	\$28,880	\$33,480
43-3051	Payroll and timekeeping clerks	\$23,170	\$28,420	\$33,750	\$39,990	\$45,660
43-3061	Procurement clerks	\$21,180	\$26,710	\$33,460	\$40,310	\$45,240
43-3071	Tellers	\$18,370	\$20,300	\$22,860	\$26,480	\$29,620
43-4011	Brokerage clerks	\$24,510	\$27,050	\$31,890	\$37,930	\$46,030
43-4021	Correspondence clerks	\$20,460	\$24,320	\$30,980	\$39,630	\$44,500

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
43-4031	Court, municipal, and license clerks	\$25,070	\$29,100	\$33,910	\$39,920	\$44,510
43-4041	Credit authorizers, checkers, and clerks	\$24,180	\$25,840	\$28,610	\$33,960	\$41,770
43-4051	Customer service representatives	\$19,070	\$22,590	\$27,470	\$34,160	\$42,440
43-4061	Eligibility interviewers, government programs	\$23,820	\$26,940	\$31,590	\$36,110	\$42,370
43-4071	File clerks	\$15,800	\$19,230	\$22,790	\$27,820	\$33,430
43-4081	Hotel, motel, and resort desk clerks	\$13,920	\$16,920	\$19,990	\$22,390	\$26,680
43-4111	Interviewers, except eligibility and loan	\$17,640	\$21,880	\$26,520	\$32,270	\$37,540
43-4121	Library assistants, clerical	\$15,090	\$17,420	\$22,020	\$26,970	\$31,990
43-4131	Loan interviewers and clerks	\$23,920	\$27,780	\$33,680	\$40,720	\$46,010
43-4141	New accounts clerks	\$21,640	\$24,800	\$27,830	\$32,010	\$35,730
43-4151	Order clerks	\$17,380	\$21,080	\$26,960	\$34,920	\$42,950
43-4161	Human resources assistants, except payroll and timekeeping	\$24,990	\$29,690	\$34,480	\$40,620	\$45,470
43-4171	Receptionists and information clerks	\$16,120	\$19,930	\$24,250	\$29,070	\$34,540
43-4181	Reservation and transportation ticket agents and travel clerks	\$20,110	\$23,340	\$27,950	\$39,490	\$47,820
43-4199	All other information and record clerks	\$22,830	\$27,530	\$35,810	\$49,690	\$70,230
43-5011	Cargo and freight agents	\$19,320	\$21,770	\$30,970	\$37,690	\$49,600
43-5021	Couriers and messengers	\$13,780	\$16,540	\$20,890	\$26,370	\$31,570
43-5031	Police, fire, and ambulance dispatchers	\$24,830	\$30,160	\$35,790	\$41,770	\$45,600
43-5032	Dispatchers, except police, fire, and ambulance	\$21,060	\$25,770	\$32,580	\$41,220	\$50,560
43-5041	Meter readers, utilities	\$21,920	\$26,850	\$31,650	\$35,490	\$43,330
43-5051	Postal service clerks	\$35,890	\$37,560	\$40,350	\$43,140	\$45,610
43-5052	Postal service mail carriers	\$33,300	\$37,940	\$43,480	\$49,940	\$53,990
43-5053	Postal service mail sorters, processors, and processing machine operators	\$26,010	\$36,360	\$39,350	\$42,340	\$44,140
43-5061	Production, planning, and expediting clerks	\$25,280	\$32,190	\$39,650	\$46,310	\$54,600
43-5071	Shipping, receiving, and traffic clerks	\$17,510	\$20,900	\$26,090	\$32,160	\$37,540
43-5081	Stock clerks and order fillers	\$15,540	\$18,170	\$22,160	\$28,880	\$34,520
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	\$16,400	\$19,710	\$25,510	\$32,660	\$38,950
43-6011	Executive secretaries and administrative assistants	\$28,250	\$32,270	\$38,440	\$45,250	\$54,300
43-6012	Legal secretaries	\$27,990	\$31,930	\$35,330	\$40,380	\$50,090
43-6013	Medical secretaries	\$21,380	\$25,310	\$30,580	\$36,230	\$50,360
43-6014	Secretaries, except legal, medical, and executive	\$18,750	\$23,260	\$28,930	\$35,240	\$41,860

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
43-9011	Computer operators	\$23,330	\$30,010	\$36,150	\$44,690	\$54,170
43-9021	Data entry keyers	\$19,010	\$21,490	\$25,530	\$30,230	\$35,280
43-9022	Word processors and typists	\$22,940	\$26,770	\$32,540	\$39,040	\$46,370
43-9031	Desktop publishers	\$22,800	\$28,780	\$38,570	\$43,280	\$46,130
43-9041	Insurance claims and policy processing clerks	\$21,340	\$24,480	\$29,940	\$35,170	\$40,430
43-9051	Mail clerks and mail machine operators, except postal service	\$15,690	\$20,890	\$26,280	\$31,830	\$36,510
43-9061	Office clerks, general	\$15,450	\$20,560	\$25,980	\$32,490	\$37,810
43-9071	Office machine operators, except computer	\$17,670	\$20,630	\$25,400	\$31,120	\$37,900
43-9081	Proofreaders and copy markers	\$19,930	\$24,060	\$27,550	\$32,740	\$40,820
43-9111	Statistical assistants	\$27,770	\$31,590	\$35,330	\$41,280	\$49,290
43-9199	Office and administrative support workers, all other	\$20,230	\$25,410	\$30,740	\$36,120	\$42,420
Farming, Fishing, and Forestry						
45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	\$19,600	\$22,880	\$32,760	\$54,890	\$69,190
45-2011	Agricultural inspectors	\$23,800	\$26,180	\$34,130	\$42,300	\$48,500
45-2041	Graders and sorters, agricultural products	\$11,800	\$12,800	\$14,500	\$17,570	\$22,900
45-2091	Agricultural equipment operators	\$15,800	\$17,270	\$22,210	\$29,030	\$33,480
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	\$12,110	\$13,520	\$16,590	\$26,980	\$40,150
45-2093	Farmworkers, farm and ranch animals	\$13,970	\$15,890	\$18,670	\$21,760	\$26,080
45-2099	Agricultural workers, all other	\$13,380	\$16,030	\$20,270	\$26,650	\$37,840
45-4011	Forest and conservation workers	\$18,820	\$29,590	\$35,600	\$41,260	\$44,620
45-4022	Logging equipment operators	\$18,010	\$23,060	\$27,230	\$32,990	\$37,650
Construction and Extraction						
47-1011	First-line supervisors/managers of construction trades and extraction workers	\$36,840	\$43,620	\$52,530	\$63,820	\$76,030
47-2011	Boilermakers	\$25,690	\$28,440	\$32,110	\$36,080	\$40,340
47-2021	Brickmasons and blockmasons	\$29,150	\$38,510	\$46,990	\$54,160	\$58,970
47-2022	Stonemasons	\$25,260	\$29,150	\$36,400	\$46,140	\$54,330
47-2031	Carpenters	\$21,100	\$27,220	\$35,700	\$44,310	\$55,380
47-2041	Carpet installers	\$19,780	\$27,570	\$33,470	\$42,660	\$55,160
47-2042	Floor layers, except carpet, wood, and hard tiles	\$26,010	\$34,560	\$41,970	\$51,730	\$67,020
47-2043	Floor sanders and finishers	\$20,740	\$24,420	\$29,990	\$35,970	\$41,400
47-2044	Tile and marble setters	\$17,080	\$24,910	\$36,450	\$47,190	\$55,250

* No data available

Table 4b—Annual Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
47-2051	Cement masons and concrete finishers	\$20,390	\$24,640	\$30,920	\$36,760	\$44,130
47-2053	Terrazzo workers and finishers	\$18,930	\$20,440	\$28,880	\$32,360	\$34,440
47-2061	Construction laborers	\$17,910	\$21,010	\$25,660	\$31,020	\$36,300
47-2071	Paving, surfacing, and tamping equipment operators	\$24,040	\$28,160	\$32,930	\$38,740	\$44,090
47-2072	Pile-driver operators	\$30,880	\$33,970	\$38,930	\$43,770	\$46,760
47-2073	Operating engineers and other construction equipment operators	\$27,690	\$31,770	\$37,220	\$43,800	\$51,400
47-2081	Drywall and ceiling tile installers	\$19,480	\$27,460	\$33,500	\$40,360	\$47,250
47-2082	Tapers	\$22,480	\$30,010	\$33,890	\$38,500	\$43,930
47-2111	Electricians	\$26,210	\$34,590	\$44,500	\$53,210	\$58,670
47-2121	Glaziers	\$22,330	\$28,690	\$35,700	\$43,040	\$50,500
47-2131	Insulation workers, floor, ceiling, and wall	\$16,690	\$19,760	\$25,790	\$32,880	\$41,750
47-2132	Insulation workers, mechanical	\$19,090	\$22,010	\$27,850	\$33,870	\$40,750
47-2141	Painters, construction and maintenance	\$20,070	\$25,100	\$31,200	\$36,270	\$44,220
47-2142	Paperhangers	\$26,370	\$32,680	\$38,720	\$44,040	\$49,210
47-2151	Pipelayers	\$21,550	\$24,800	\$29,270	\$36,450	\$42,340
47-2152	Plumbers, pipefitters, and steamfitters	\$25,770	\$32,280	\$41,940	\$51,160	\$57,070
47-2161	Plasterers and stucco masons	\$23,550	\$25,810	\$29,380	\$33,950	\$37,680
47-2171	Reinforcing iron and rebar workers	\$19,430	\$22,350	\$26,160	\$33,070	\$41,700
47-2181	Roofers	\$20,890	\$25,020	\$30,470	\$35,500	\$40,970
47-2211	Sheet metal workers	\$19,400	\$24,110	\$31,600	\$41,900	\$51,140
47-2221	Structural iron and steel workers	\$28,960	\$33,610	\$39,750	\$45,610	\$55,240
47-3011	Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	\$17,810	\$22,760	\$26,980	\$33,270	\$39,240
47-3012	Helpers--carpenters	\$15,340	\$18,570	\$22,600	\$27,930	\$32,070
47-3013	Helpers--electricians	\$18,240	\$22,570	\$28,320	\$35,900	\$43,190
47-3014	Helpers--painters, paperhangers, plasterers, and stucco masons	\$16,890	\$19,460	\$21,940	\$25,190	\$28,100
47-3015	Helpers--pipelayers, plumbers, pipefitters, and steamfitters	\$20,940	\$24,830	\$28,410	\$33,560	\$37,670
47-3016	Helpers--roofers	\$15,190	\$18,400	\$22,840	\$27,830	\$35,810
47-3019	Helpers, construction trades, all other	\$16,490	\$19,310	\$21,960	\$25,320	\$28,360
47-4011	Construction and building inspectors	\$31,310	\$39,100	\$48,280	\$55,930	\$65,580
47-4021	Elevator installers and repairers	\$42,440	\$48,830	\$53,520	\$58,150	\$64,630
47-4051	Highway maintenance workers	\$23,940	\$28,010	\$34,850	\$40,700	\$44,170

* No data available

Table 4b—Annual Wage Distribution
by Occupational Code, continued

Colorado OES Wage Survey: May 2004 (Released Sept. 30, 2005)

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
47-4061	Rail-track laying and maintenance equipment operators	\$25,300	\$32,730	\$40,710	\$47,760	\$54,010
47-4071	Septic tank servicers and sewer pipe cleaners	\$20,830	\$29,800	\$37,220	\$43,390	\$51,540
47-4099	Construction and related workers, all other	\$24,770	\$27,520	\$34,910	\$43,500	\$49,320
47-5011	Derrick operators, oil and gas	\$31,150	\$35,690	\$41,940	\$50,990	\$59,580
47-5012	Rotary drill operators, oil and gas	\$25,890	\$34,720	\$43,650	\$50,790	\$55,570
47-5013	Service unit operators, oil, gas, and mining	\$23,970	\$27,120	\$34,720	\$48,100	\$55,620
47-5021	Earth drillers, except oil and gas	\$24,630	\$31,310	\$37,370	\$45,290	\$52,480
47-5031	Explosives workers, ordnance handling experts, and blasters	\$29,020	\$34,600	\$40,860	\$46,710	\$55,250
47-5041	Continuous mining machine operators	\$27,570	\$33,730	\$40,080	\$44,560	\$50,810
47-5049	Mining machine operators, all other	\$24,970	\$30,700	\$37,120	\$43,120	\$56,570
47-5051	Rock splitters, quarry	\$21,120	\$23,620	\$26,480	\$34,270	\$43,200
47-5061	Roof bolters, mining	\$36,080	\$38,570	\$41,330	\$44,080	\$45,980
47-5071	Roustabouts, oil and gas	\$19,140	\$22,720	\$27,560	\$33,050	\$39,310
47-5081	Helpers--extraction workers	\$20,120	\$23,710	\$26,670	\$32,530	\$43,020
47-5099	Extraction workers, all other	\$23,980	\$26,640	\$32,760	\$40,370	\$44,260
Installation, Maintenance, and Repair						
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	\$32,660	\$40,070	\$51,810	\$66,160	\$80,720
49-2011	Computer, automated teller, and office machine repairers	\$22,120	\$28,290	\$35,860	\$45,920	\$55,190
49-2021	Radio mechanics	\$19,620	\$34,200	\$47,940	\$54,250	\$60,140
49-2022	Telecommunications equipment installers and repairers, except line installers	\$42,050	\$47,550	\$51,640	\$55,720	\$58,820
49-2091	Avionics technicians	\$29,180	\$37,280	\$44,420	\$56,590	\$65,690
49-2092	Electric motor, power tool, and related repairers	\$18,560	\$22,850	\$34,600	\$44,850	\$52,200
49-2093	Electrical and electronics installers and repairers, transportation equipment	\$31,990	\$38,700	\$44,560	\$51,090	\$56,080
49-2094	Electrical and electronics repairers, commercial and industrial equipment	\$28,430	\$36,040	\$45,080	\$55,320	\$66,200
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	\$39,490	\$47,170	\$54,700	\$63,310	\$69,530
49-2096	Electronic equipment installers and repairers, motor vehicles	\$20,490	\$23,610	\$27,130	\$32,590	\$37,110
49-2097	Electronic home entertainment equipment installers and repairers	\$20,320	\$23,720	\$29,520	\$36,490	\$44,200
49-2098	Security and fire alarm systems installers	\$30,010	\$32,870	\$38,290	\$44,670	\$52,930
49-3011	Aircraft mechanics and service technicians	\$30,090	\$36,490	\$43,900	\$58,130	\$68,320
49-3021	Automotive body and related repairers	\$25,190	\$33,100	\$46,440	\$62,140	\$72,520

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
49-3022	Automotive glass installers and repairers	\$16,040	\$17,680	\$24,240	\$28,220	\$42,210
49-3023	Automotive service technicians and mechanics	\$18,280	\$24,870	\$35,580	\$47,030	\$57,390
49-3031	Bus and truck mechanics and diesel engine specialists	\$28,090	\$33,480	\$40,340	\$46,740	\$57,350
49-3041	Farm equipment mechanics	\$19,020	\$22,470	\$27,940	\$34,010	\$38,940
49-3042	Mobile heavy equipment mechanics, except engines	\$29,090	\$34,510	\$40,430	\$45,610	\$52,580
49-3043	Rail car repairers	\$24,060	\$33,150	\$45,710	\$57,020	\$69,900
49-3051	Motorboat mechanics	\$18,840	\$23,670	\$27,920	\$34,470	\$39,750
49-3052	Motorcycle mechanics	\$21,440	\$27,130	\$33,230	\$38,900	\$51,530
49-3053	Outdoor power equipment and other small engine mechanics	\$15,990	\$17,590	\$21,440	\$30,420	\$44,620
49-3091	Bicycle repairers	\$18,130	\$19,450	\$21,550	\$25,480	\$28,770
49-3092	Recreational vehicle service technicians	\$22,480	\$25,700	\$32,870	\$45,060	\$53,090
49-3093	Tire repairers and changers	\$15,910	\$18,190	\$20,930	\$23,710	\$28,680
49-9011	Mechanical door repairers	\$22,400	\$26,230	\$34,230	\$42,250	\$49,750
49-9012	Control and valve installers and repairers, except mechanical door	\$12,360	\$13,770	\$28,260	\$47,830	\$61,570
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	\$26,990	\$32,080	\$38,440	\$48,480	\$56,160
49-9031	Home appliance repairers	\$23,040	\$31,190	\$38,460	\$47,220	\$59,540
49-9041	Industrial machinery mechanics	\$26,310	\$35,310	\$42,210	\$50,210	\$56,920
49-9042	Maintenance and repair workers, general	\$19,450	\$24,650	\$31,720	\$40,360	\$49,500
49-9043	Maintenance workers, machinery	\$21,390	\$27,670	\$35,260	\$44,100	\$54,060
49-9044	Millwrights	\$27,100	\$35,560	\$41,430	\$48,630	\$55,920
49-9051	Electrical power-line installers and repairers	\$37,410	\$46,510	\$52,660	\$58,750	\$66,960
49-9052	Telecommunications line installers and repairers	\$22,180	\$27,080	\$33,580	\$41,180	\$47,840
49-9061	Camera and photographic equipment repairers	\$21,880	\$26,330	\$32,280	\$38,020	\$42,350
49-9062	Medical equipment repairers	\$27,170	\$35,550	\$43,220	\$51,860	\$57,650
49-9063	Musical instrument repairers and tuners	\$21,920	\$24,540	\$27,600	\$32,590	\$36,040
49-9069	Precision instrument and equipment repairers, all other	\$32,020	\$36,900	\$51,040	\$62,030	\$68,230
49-9091	Coin, vending, and amusement machine servicers and repairers	\$19,240	\$22,930	\$28,770	\$35,900	\$48,760
49-9094	Locksmiths and safe repairers	\$19,790	\$23,750	\$28,730	\$37,200	\$44,490
49-9095	Manufactured building and mobile home installers	\$18,990	\$23,550	\$27,700	\$32,220	\$35,130
49-9096	Riggers	\$23,040	\$32,340	\$47,920	\$54,590	\$62,580
49-9098	Helpers--installation, maintenance, and repair workers	\$15,170	\$19,210	\$23,740	\$37,200	\$43,670
49-9099	Installation, maintenance, and repair workers, all other	\$17,620	\$22,060	\$31,450	\$41,390	\$48,450

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Production						
51-1011	First-line supervisors/managers of production and operating workers	\$29,980	\$37,070	\$47,250	\$59,640	\$74,470
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	\$35,520	\$45,740	\$50,360	\$54,980	\$59,680
51-2021	Coil winders, tapers, and finishers	\$18,970	\$22,570	\$26,660	\$34,580	\$45,410
51-2022	Electrical and electronic equipment assemblers	\$18,120	\$20,290	\$23,540	\$28,600	\$35,240
51-2023	Electromechanical equipment assemblers	\$17,690	\$21,100	\$25,880	\$32,060	\$37,610
51-2041	Structural metal fabricators and fitters	\$23,050	\$27,250	\$32,630	\$37,440	\$44,700
51-2092	Team assemblers	\$16,220	\$19,640	\$24,220	\$29,510	\$35,800
51-2099	Assemblers and fabricators, all other	\$16,230	\$19,220	\$21,820	\$25,940	\$34,170
51-3011	Bakers	\$15,580	\$19,030	\$23,840	\$30,840	\$35,630
51-3021	Butchers and meat cutters	\$18,930	\$24,060	\$30,930	\$37,390	\$42,750
51-3022	Meat, poultry, and fish cutters and trimmers	\$18,740	\$20,240	\$22,740	\$26,270	\$28,410
51-3023	Slaughterers and meat packers	\$16,430	\$19,340	\$22,970	\$25,970	\$27,800
51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders	\$17,170	\$20,870	\$30,100	\$34,060	\$36,540
51-3092	Food batchmakers	\$13,050	\$15,540	\$20,530	\$27,460	\$33,510
51-3093	Food cooking machine operators and tenders	\$15,170	\$17,720	\$20,330	\$23,010	\$29,430
51-4011	Computer-controlled machine tool operators, metal and plastic	\$20,810	\$24,890	\$31,180	\$38,520	\$44,730
51-4012	Numerical tool and process control programmers	\$32,690	\$39,560	\$49,020	\$56,060	\$64,270
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	\$19,240	\$24,870	\$30,190	\$35,470	\$40,520
51-4022	Forging machine setters, operators, and tenders, metal and plastic	\$18,570	\$22,960	\$30,710	\$36,210	\$41,990
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	\$20,660	\$25,160	\$31,370	\$35,580	\$41,470
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	\$19,900	\$23,970	\$30,520	\$40,530	\$48,040
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	\$18,940	\$21,010	\$25,340	\$29,520	\$37,930
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	\$18,320	\$20,660	\$24,580	\$29,460	\$37,090
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	\$21,760	\$25,910	\$32,010	\$39,080	\$47,040
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	\$19,950	\$23,320	\$28,230	\$35,420	\$44,190

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-4041	Machinists	\$23,330	\$29,850	\$37,140	\$44,540	\$53,010
51-4052	Pourers and casters, metal	\$15,660	\$17,630	\$21,750	\$28,170	\$36,050
51-4061	Model makers, metal and plastic	\$34,950	\$40,410	\$47,500	\$54,930	\$64,420
51-4071	Foundry mold and coremakers	\$15,770	\$19,480	\$22,180	\$26,700	\$33,520
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	\$15,470	\$17,380	\$20,960	\$26,980	\$34,100
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	\$18,170	\$22,610	\$25,860	\$31,200	\$36,500
51-4111	Tool and die makers	\$32,230	\$37,870	\$44,460	\$52,250	\$57,160
51-4121	Welders, cutters, solderers, and brazers	\$21,030	\$25,910	\$32,120	\$39,780	\$45,470
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	\$20,410	\$25,120	\$30,930	\$35,860	\$42,060
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	\$18,290	\$25,310	\$31,670	\$36,620	\$42,130
51-4192	Lay-out workers, metal and plastic	\$21,360	\$25,840	\$33,660	\$48,590	\$54,660
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	\$18,940	\$20,990	\$25,140	\$30,050	\$37,660
51-4194	Tool grinders, filers, and sharpeners	\$17,230	\$19,680	\$24,480	\$34,870	\$51,650
51-4199	Metal workers and plastic workers, all other	\$17,300	\$21,120	\$29,290	\$39,520	\$45,120
51-5011	Bindery workers	\$15,660	\$18,280	\$21,970	\$30,000	\$39,020
51-5012	Bookbinders	\$19,590	\$24,690	\$33,680	\$39,910	\$43,500
51-5021	Job printers	\$26,500	\$33,200	\$40,120	\$45,150	\$50,440
51-5022	Prepress technicians and workers	\$22,940	\$26,590	\$33,580	\$43,970	\$51,890
51-5023	Printing machine operators	\$19,570	\$26,310	\$34,620	\$44,490	\$53,800
51-6011	Laundry and dry-cleaning workers	\$14,490	\$16,660	\$20,360	\$26,180	\$34,990
51-6021	Pressers, textile, garment, and related materials	\$12,920	\$15,060	\$18,280	\$22,620	\$26,290
51-6031	Sewing machine operators	\$15,550	\$17,790	\$20,860	\$24,770	\$28,990
51-6041	Shoe and leather workers and repairers	\$18,970	\$23,680	\$28,290	\$32,370	\$34,940
51-6051	Sewers, hand	\$12,800	\$16,080	\$20,760	\$25,210	\$29,710
51-6052	Tailors, dressmakers, and custom sewers	\$18,300	\$21,810	\$26,150	\$29,670	\$41,760
51-6062	Textile cutting machine setters, operators, and tenders	\$13,380	\$18,470	\$21,420	\$30,600	\$35,340
51-6063	Textile knitting and weaving machine setters, operators, and tenders	\$20,390	\$23,440	\$30,180	\$34,390	\$37,060
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	\$16,640	\$18,980	\$23,050	\$27,340	\$31,700
51-6093	Upholsterers	\$15,380	\$17,230	\$26,680	\$32,860	\$37,130

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-6099	Textile, apparel, and furnishings workers, all other	\$14,770	\$16,310	\$21,420	\$25,920	\$28,200
51-7011	Cabinetmakers and bench carpenters	\$19,090	\$23,160	\$28,900	\$35,050	\$41,540
51-7021	Furniture finishers	\$20,570	\$24,740	\$31,460	\$38,910	\$45,400
51-7041	Sawing machine setters, operators, and tenders, wood	\$17,890	\$20,510	\$24,680	\$30,060	\$34,890
51-7042	Woodworking machine setters, operators, and tenders, except sawing	\$18,020	\$20,460	\$24,950	\$32,420	\$38,080
51-7099	Woodworkers, all other	\$15,340	\$19,470	\$22,000	\$26,720	\$32,470
51-8012	Power distributors and dispatchers	\$38,290	\$50,770	\$61,160	\$70,010	\$82,670
51-8013	Power plant operators	\$38,710	\$45,960	\$51,780	\$57,210	\$66,780
51-8021	Stationary engineers and boiler operators	\$26,010	\$34,530	\$44,210	\$53,380	\$60,270
51-8031	Water and liquid waste treatment plant and system operators	\$24,430	\$34,870	\$45,820	\$53,050	\$57,250
51-8091	Chemical plant and system operators	\$27,610	\$32,040	\$39,170	\$46,190	\$55,720
51-8092	Gas plant operators	\$36,340	\$42,120	\$49,340	\$56,660	\$67,190
51-8093	Petroleum pump system operators, refinery operators, and gaugers	\$37,860	\$45,990	\$50,750	\$55,100	\$58,590
51-8099	Plant and system operators, all other	\$29,070	\$37,000	\$44,230	\$51,480	\$56,050
51-9011	Chemical equipment operators and tenders	\$21,280	\$26,030	\$32,120	\$39,230	\$45,190
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	\$20,910	\$25,770	\$33,640	\$47,760	\$54,110
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	\$19,540	\$22,200	\$28,020	\$36,150	\$45,130
51-9022	Grinding and polishing workers, hand	\$18,780	\$20,470	\$23,110	\$27,900	\$36,690
51-9023	Mixing and blending machine setters, operators, and tenders	\$19,290	\$23,910	\$29,570	\$34,510	\$37,890
51-9031	Cutters and trimmers, hand	\$13,500	\$16,380	\$21,420	\$27,670	\$33,420
51-9032	Cutting and slicing machine setters, operators, and tenders	\$18,540	\$20,820	\$25,590	\$32,280	\$36,650
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	\$18,130	\$20,590	\$24,330	\$30,140	\$35,730
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	\$21,660	\$25,400	\$30,430	\$37,120	\$43,320
51-9061	Inspectors, testers, sorters, samplers, and weighers	\$18,920	\$22,610	\$29,780	\$39,820	\$52,160
51-9071	Jewelers and precious stone and metal workers	\$17,800	\$24,490	\$29,440	\$40,050	\$52,850
51-9081	Dental laboratory technicians	\$17,440	\$23,180	\$32,620	\$48,990	\$56,680
51-9082	Medical appliance technicians	\$14,490	\$22,810	\$29,390	\$35,660	\$42,810
51-9083	Ophthalmic laboratory technicians	\$20,460	\$26,290	\$31,500	\$35,890	\$41,400
51-9111	Packaging and filling machine operators and tenders	\$15,070	\$18,330	\$22,170	\$28,310	\$34,920

* No data available

Table 4b—Annual Wage Distribution by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	\$18,310	\$23,200	\$27,050	\$32,500	\$38,740
51-9122	Painters, transportation equipment	\$19,860	\$30,490	\$47,690	\$73,010	\$87,580
51-9123	Painting, coating, and decorating workers	\$18,200	\$20,790	\$25,350	\$30,830	\$36,210
51-9131	Photographic process workers	\$16,120	\$19,510	\$24,150	\$30,600	\$37,580
51-9132	Photographic processing machine operators	\$16,000	\$18,770	\$22,470	\$27,540	\$32,270
51-9191	Cementing and gluing machine operators and tenders	\$15,880	\$17,490	\$24,190	\$32,530	\$35,770
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	\$16,610	\$19,220	\$22,180	\$31,450	\$38,700
51-9193	Cooling and freezing equipment operators and tenders	\$15,780	\$23,270	\$28,980	\$34,040	\$40,590
51-9194	Etchers and engravers	\$14,550	\$18,740	\$21,790	\$26,450	\$33,040
51-9195	Molders, shapers, and casters, except metal and plastic	\$18,370	\$20,910	\$26,230	\$32,450	\$36,790
51-9196	Paper goods machine setters, operators, and tenders	\$19,730	\$27,770	\$32,380	\$36,280	\$41,470
51-9198	Helpers--production workers	\$14,500	\$17,080	\$20,690	\$26,160	\$34,910
51-9199	Production workers, all other	\$14,470	\$17,190	\$22,580	\$29,460	\$41,460
Transportation and Material Moving						
53-1011	Aircraft cargo handling supervisors	\$21,800	\$25,710	\$32,380	\$51,690	\$80,340
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	\$25,810	\$32,410	\$40,360	\$49,370	\$61,930
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	\$26,270	\$34,220	\$45,600	\$56,290	\$71,140
53-2011	Airline pilots, copilots, and flight engineers	\$41,560	\$75,380	\$91,140	\$124,190	\$141,500
53-2012	Commercial pilots	\$24,630	\$27,650	\$40,710	\$61,180	\$88,350
53-2021	Air traffic controllers	\$57,930	\$84,640	\$116,310	\$131,130	\$140,030
53-2022	Airfield operations specialists	\$29,760	\$32,930	\$41,360	\$55,840	\$67,990
53-3011	Ambulance drivers and attendants, except emergency medical technicians	\$14,810	\$17,350	\$21,140	\$36,690	\$53,320
53-3021	Bus drivers, transit and intercity	\$22,570	\$25,540	\$29,210	\$35,800	\$42,080
53-3022	Bus drivers, school	\$18,400	\$22,470	\$26,580	\$31,960	\$35,740
53-3031	Driver/sales workers	\$12,300	\$14,130	\$21,600	\$31,510	\$39,970
53-3032	Truck drivers, heavy and tractor-trailer	\$23,960	\$29,190	\$34,200	\$40,860	\$47,520
53-3033	Truck drivers, light or delivery services	\$16,540	\$20,810	\$27,660	\$35,030	\$44,100
53-3041	Taxi drivers and chauffeurs	\$15,010	\$17,470	\$20,510	\$23,790	\$27,220
53-3099	Motor vehicle operators, all other	\$13,390	\$17,720	\$24,070	\$34,760	\$41,320

* No data available

Table 4b—Annual Wage Distribution
by Occupational Code, continued

SOC Code	Occupational Title	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
53-4021	Railroad brake, signal, and switch operators	\$33,590	\$44,310	\$57,570	\$67,120	\$73,440
53-4031	Railroad conductors and yardmasters	\$43,540	\$51,310	\$63,760	\$78,610	\$88,360
53-6021	Parking lot attendants	\$12,360	\$14,200	\$17,200	\$20,650	\$23,530
53-6031	Service station attendants	\$13,440	\$16,010	\$19,590	\$24,640	\$29,830
53-6041	Traffic technicians	\$22,580	\$26,080	\$33,200	\$41,740	\$47,040
53-6051	Transportation inspectors	\$19,640	\$21,160	\$23,520	\$56,100	\$88,870
53-7011	Conveyor operators and tenders	\$19,410	\$22,280	\$27,220	\$34,480	\$45,540
53-7021	Crane and tower operators	\$29,750	\$35,230	\$40,810	\$45,760	\$53,690
53-7032	Excavating and loading machine and dragline operators	\$29,250	\$32,340	\$36,830	\$42,740	\$46,580
53-7033	Loading machine operators, underground mining	\$30,970	\$36,120	\$39,790	\$43,240	\$45,310
53-7051	Industrial truck and tractor operators	\$19,960	\$24,060	\$28,260	\$33,480	\$38,220
53-7061	Cleaners of vehicles and equipment	\$13,080	\$16,390	\$20,590	\$25,690	\$30,780
53-7062	Laborers and freight, stock, and material movers, hand	\$15,080	\$18,240	\$21,990	\$27,250	\$32,830
53-7063	Machine feeders and offbearers	\$15,400	\$19,050	\$23,740	\$28,440	\$33,790
53-7064	Packers and packagers, hand	\$13,500	\$15,240	\$17,270	\$21,300	\$26,670
53-7072	Pump operators, except wellhead pumpers	\$18,310	\$21,390	\$29,330	\$47,660	\$55,820
53-7073	Wellhead pumpers	\$25,140	\$28,170	\$33,170	\$39,150	\$47,860
53-7081	Refuse and recyclable material collectors	\$17,960	\$22,130	\$27,270	\$34,870	\$41,750
53-7111	Shuttle car operators	\$31,380	\$34,050	\$38,220	\$42,700	\$45,380
53-7199	Material moving workers, all other	\$16,460	\$19,590	\$22,220	\$28,920	\$39,190

* No data available

Source: OES Unit, Labor Market Information, Colorado Department of Labor & Employment



Labor Market Information

- from the Colorado Department of Labor and Employment

www.coworkforce.com/lmi

Internet access to:

- *Colorado Navigator for career exploration*
- *Labor Force Data including state/county unemployment figures*
- *Colorado Job Vacancy Survey results*
- *Labor & Industry Focus monthly e-newsletter*
- *Occupational Projections*
- *Occupational Wages*
- *Industry Employment & Wages*
- *Cost of Living*
- *Workforce Research & Analysis*
- *Monthly Labor-Related Press Releases*
- *Current Employment Statistics*