



OKLAHOMA WAGE REPORT 2002

STATEMENT

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
2002

ECONOMIC RESEARCH AND ANALYSIS DIVISION

OKLAHOMA

WAGE REPORT

2002

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INTRODUCTION

The 2002 Oklahoma Wage Report represents wage data collected as a result of a wage survey conducted in 1999 and 2000. To assist users in economic decisions, wage rates and definitions of specific occupations are reported in a series of publications for the state, metropolitan statistical areas (MSAs), labor market areas (LMAs) and workforce investment areas (WIAs).

This publication is intended to be one resource of information. It is suggested that readers consult other wage resources when researching wage information. These sources could include other wage surveys and job announcements.

While the focus of this publication is occupational wage rates, it is important to note that these rates can vary greatly among industries, by firm size within an industry, and by region within the state. While wages are reported in various ways, these wages do not necessarily reflect experience or educational requirements.

When identifying wages for a particular occupation, it is important to be sure that the Occupational Code (SOC) code and title are referring to the same occupation for which the reader is seeking wages. Some occupational titles can be misleading, as the SOC description may not match all jobs with similar titles.

Note that the wage data in this publication were collected from 1999 and 2000. When determining wage rates for individual occupations, it is important to assess current labor market conditions, such as labor shortages, that would also affect wage levels.

Methodology

The wage data presented in the 2002 Wage Report were collected through an annual survey measuring wage rates for payroll workers by industry. In Oklahoma, the survey samples over 5,000 establishments per year in all industries, taking two years to fully collect the sample of 10,00 establishments. This data is from the 1999 and 2000 survey. Wage rates for over 600 occupations are reported.

Employers report the number of employees in an occupation by each wage range. They may report wages based on hourly rates, or annual rates. If they report an annual rate, employers provide a wage rate equivalent to full-time regardless of whether or not their employees work full-time. Wages represented are hourly rates.

Wages for this survey are straight-time gross pay exclusive of premium pay and non-wage fringe benefits. Some inclusions are the base pay rate, commissions, and production bonuses. Some exclusions are overtime pay tips, housing allowances, and nonproduction bonuses. The survey collects hourly wage data in 11 wage intervals.

Interval Wages	Hourly Wages	Annual
Range A	Under \$6.75	Under \$14,040
Range B	\$6.75 to \$8.49	\$14,040 to \$17,659
Range C	\$8.50 to \$9.99	\$17,660 to \$20,779
Range D	\$10.00 to \$11.24	\$20,780 to \$23,399
Range E	\$11.25 to \$13.24	\$23,400 to \$27,559
Range F	\$13.25 to \$15.74	\$27,560 to \$32,759
Range G	\$15.75 to \$19.24	\$32,760 to \$40,039
Range H	\$19.25 to \$24.24	\$40,040 to \$50,439
Range I	\$24.25 to \$43.24	\$50,440 to \$89,959
Range J	\$43.25 to \$60.00	\$89,960 to \$124,820
Range K	\$60.01 and over	\$124,821 and over

Confidentiality of our sources (employers who responded) is a primary concern. Confidentiality restrictions are in place to prevent the release of data, which could reveal the identity of an employer or an employer's pay scale.

The Wage Interval Data reflects the percentage distribution of responses across the wage intervals.

Prevailing Wages

The wages reported in this survey cannot be used as prevailing under the Davis-Bacon, the Service Contract Act (SCA) or the Alien Labor Certification (ALC) Program.

The Davis-Bacon Act requires construction contractors on publicly funded contracts of more than \$2,000 to pay the local prevailing wage. If the contract is federally funded, those prevailing wages may be obtained from the US Department of Labor Wage and Hour Division office in Tulsa at (918) 496-6791. If the contract is state funded, contractors should contact the Prevailing Wage Unit of the Oklahoma Department of Labor in Oklahoma City at (405) 528-1500 ext. 214.

The Service Contract Act applies to every contract entered into by the United States or the District of Columbia, the principal purpose of which is to furnish services in the United States through the use of service employees. Service contracts through Government contract work, which exceed \$2,500, are subject to the Service Contract Act. To obtain prevailing wages and information regarding SCA, visit the following web site at <http://edc.dws.state.ut.us>.

Alien Labor Certification (ALC) programs are generally designed to assure that the admission of aliens to work in this country on a permanent or temporary basis will not adversely affect the job opportunities, wages and working conditions of U.S. workers.

For information regarding the ALC program, contact the Oklahoma Employment Security Commission at (405) 557-7126.

Definitions

Average Hourly Wage: The average value of a distribution – the weighted sum of all wages for a given occupation. (See Note below.)

Average Annual Wage: The average hourly wage multiplied by a year-round, full-time hours figure of 2,080 hours per year (52 weeks by 40 hours).

Median Hourly Wage: The midpoint of all wages – half of all wages are less than or equal to and half of all wages are greater than or equal to the median wage. (See Note below.)

Median Range: One quarter of the employees in the occupation earn more than the high end of this range; one quarter earn less than the low end of the range. These wages represent the middle fifty percent of an occupation. In statistics, the low-end number marks the first quartile; the high end marks the third quartile.

N.E.C.: A common acronym standing for not elsewhere classified.

Occupational Title: These titles are based on the Standard Occupational Code (SOC) classification system.

SOC Code: The Standard Occupational Code (SOC) used for classifying occupations.

Notes

Occupations, which have workers who generally work less than the usual 2,080 hours per year will not have an average hourly or a median hourly wage reflected. For these occupations, therefore, only the annual salary is reported, which has been calculated directly from the data (rather than by multiplying an hourly figure by 2,080 hours).

Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, pilots and flight attendants, and teachers. These are noted in the data tables with a (*) under the appropriate category.

The average hourly range was calculated by averaging the first two-thirds and latter two-thirds of the wage distribution in order to obtain the low and high values respectively.

Occupational Dictionary: Occupational definitions are provided in the dictionary for all occupations for which data has been released in at least one area in the state. However, data for a specific occupation is not necessarily available for all areas.

OCCUPATIONAL GROUPS

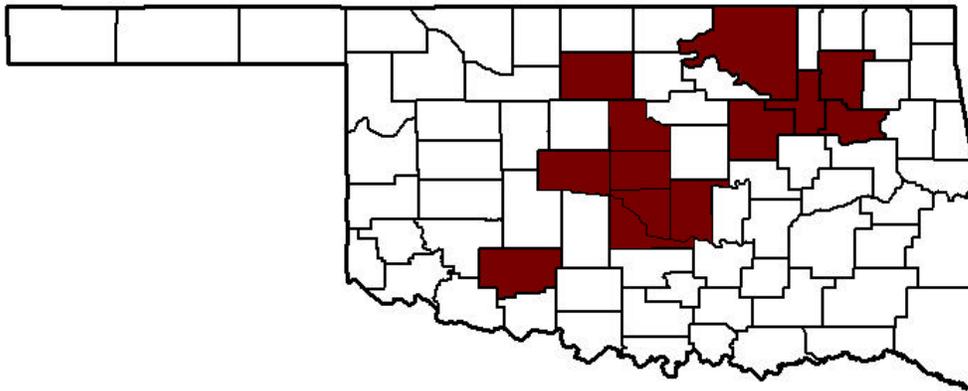
SOC Major Groups in Oklahoma:

- Management Occupations
- Business and Financial Operations Occupations
- Computer and Mathematical 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 Practitioners and Technical Occupations
- Healthcare Support Occupations
- Protective Service Occupations
- Food Preparation and Serving Related Occupations
- Building and Grounds Cleaning and Maintenance Occupations
- Personal Care and Service Occupations
- Sales and Related Occupations
- Office and Administrative Support Occupations
- Farming, Fishing, and Forestry Occupations
- Construction and Extraction Occupations
- Installation, Maintenance, and Repair Occupations
- Production Occupations
- Transportation and Material Moving Occupations

LAWTON MSA



ENID MSA



OKLAHOMA CITY MSA



TULSA MSA



Statewide Wage Data Management Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chief executives	11-1011	7000	\$40.37	\$17.40	\$38.40	\$51.85	\$83,970.00
General and operations managers	11-1021	31800	\$26.28	\$12.50	\$22.25	\$33.16	\$54,650.00
Legislators	11-1031	530	\$9.69	\$5.84	\$6.38	\$11.61	\$20,150.00
Advertising and promotions managers	11-2011	850	\$21.38	\$12.31	\$20.34	\$25.91	\$44,460.00
Marketing managers	11-2021	1560	\$28.23	\$15.47	\$25.33	\$34.61	\$58,710.00
Sales managers	11-2022	3890	\$28.32	\$14.49	\$26.13	\$35.23	\$58,900.00
Public relations managers	11-2031	610	\$21.07	\$11.66	\$17.96	\$25.77	\$43,820.00
Administrative services managers	11-3011	6990	\$18.58	\$9.62	\$16.56	\$23.06	\$38,650.00
Computer and information systems managers	11-3021	1960	\$29.76	\$16.95	\$27.91	\$36.16	\$61,890.00
Financial managers	11-3031	5580	\$28.14	\$14.98	\$26.22	\$34.72	\$58,530.00
Human resources managers	11-3040	2630	\$24.64	\$14.74	\$23.34	\$29.58	\$51,240.00
Industrial production managers	11-3051	2500	\$26.34	\$16.21	\$25.02	\$31.41	\$54,790.00
Purchasing managers	11-3061	1450	\$24.09	\$13.95	\$22.12	\$29.16	\$50,110.00
Transportation, storage, and distribution managers	11-3071	1600	\$24.18	\$12.81	\$22.02	\$29.87	\$50,300.00
Other management occupations	11-9000	4380	\$23.23	\$13.55	\$23.71	\$28.08	\$48,330.00
Farm, ranch, and other agricultural managers	11-9011	50	\$21.85	\$11.18	\$21.29	\$27.18	\$45,440.00
Construction managers	11-9021	1660	\$23.44	\$14.75	\$21.50	\$27.79	\$48,760.00
Engineering managers	11-9041	1990	\$36.57	\$24.45	\$36.14	\$42.62	\$76,060.00
Food service managers	11-9051	4680	\$13.65	\$9.00	\$12.96	\$15.97	\$28,380.00
Funeral directors	11-9061	330	\$20.75	\$14.17	\$21.44	\$24.04	\$43,160.00
Gaming managers	11-9071	90	\$14.59	\$9.46	\$13.07	\$17.15	\$30,340.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lodging managers	11-9081	200	\$12.40	\$8.08	\$11.43	\$14.56	\$25,790.00
Medical and health services managers	11-9111	3480	\$26.56	\$16.62	\$24.19	\$31.53	\$55,240.00
Natural sciences managers	11-9121	370	\$28.27	\$15.95	\$25.75	\$34.43	\$58,810.00
Postmasters and mail superintendents	11-9131	570	\$21.22	\$16.95	\$20.61	\$23.35	\$44,130.00
Property, real estate, and community association managers	11-9141	1260	\$15.86	\$7.77	\$12.93	\$19.91	\$33,000.00
Social and community service managers	11-9151	1050	\$14.45	\$8.18	\$13.60	\$17.59	\$30,060.00
Managers, all other	11-9199	3780	\$25.22	\$13.02	\$24.45	\$31.33	\$52,470.00

Statewide Wage Data Business and Financial Operations Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Agents and business managers of artists, performers, and athletes	13-1011	*	\$20.92	\$12.64	\$22.64	\$25.07	\$43,520.00
Purchasing agents and buyers, farm products	13-1021	190	\$15.95	\$8.52	\$15.15	\$19.66	\$33,170.00
Wholesale and retail buyers, except farm products	13-1022	1490	\$16.81	\$9.17	\$15.76	\$20.63	\$34,970.00
Purchasing agents, except wholesale, retail, and farm products	13-1023	2310	\$18.21	\$11.35	\$16.71	\$21.64	\$37,880.00
Claims adjusters, examiners, and investigators	13-1031	2870	\$21.21	\$13.30	\$20.12	\$25.17	\$44,130.00
Insurance appraisers, auto damage	13-1032	*	\$21.16	\$15.61	\$17.27	\$23.93	\$44,010.00
Compliance officers, except agriculture, construction, health and safety, and transportation	13-1041	1210	\$21.00	\$13.32	\$18.16	\$24.84	\$43,680.00
Cost estimators	13-1051	1560	\$20.15	\$12.86	\$19.33	\$23.79	\$41,910.00
Emergency management specialists	13-1061	200	\$15.87	\$8.55	\$13.18	\$19.53	\$33,020.00
Employment, recruitment, and placement specialists	13-1071	1920	\$15.65	\$10.42	\$14.68	\$18.26	\$32,550.00
Compensation, benefits, and job analysis specialists	13-1072	580	\$17.05	\$11.17	\$15.51	\$20.00	\$35,470.00
Training and development specialists	13-1073	2530	\$16.68	\$9.72	\$15.31	\$20.15	\$34,690.00
Management analysts	13-1111	2510	\$22.19	\$12.58	\$21.04	\$27.00	\$46,160.00
Meeting and convention planners	13-1121	300	\$14.91	\$9.13	\$12.03	\$17.79	\$31,010.00
Business operations specialists, all other	13-1199	6520	\$22.53	\$14.36	\$22.11	\$26.62	\$46,870.00
Accountants and auditors	13-2011	9760	\$18.64	\$12.41	\$17.12	\$21.76	\$38,770.00
Appraisers and assessors of real estate	13-2021	580	\$14.00	\$8.76	\$11.83	\$16.62	\$29,120.00
Budget analysts	13-2031	640	\$19.89	\$12.89	\$19.32	\$23.39	\$41,380.00
Credit analysts	13-2041	660	\$16.50	\$11.29	\$14.53	\$19.11	\$34,330.00
Financial analysts	13-2051	920	\$19.03	\$10.83	\$17.11	\$23.13	\$39,580.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Personal financial advisors	13-2052	420	\$29.97	\$11.70	\$20.45	\$39.10	\$62,330.00
Insurance underwriters	13-2053	520	\$18.72	\$12.63	\$17.07	\$21.76	\$38,930.00
Financial examiners	13-2061	240	\$24.20	\$12.34	\$24.45	\$30.14	\$50,340.00
Loan counselors	13-2071	300	\$13.00	\$9.61	\$12.61	\$14.69	\$27,040.00
Loan officers	13-2072	2840	\$20.04	\$11.84	\$18.04	\$24.14	\$41,690.00
Tax examiners, collectors, and revenue agents	13-2081	720	\$16.74	\$9.07	\$12.53	\$20.58	\$34,820.00
Tax preparers	13-2082	220	\$13.15	\$8.88	\$13.31	\$15.29	\$27,360.00
Financial specialists, all other	13-2099	590	\$18.40	\$11.41	\$16.94	\$21.90	\$38,270.00

Statewide Wage Data Computer and Mathematical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer and information scientists, research	15-1011	110	\$25.23	\$19.01	\$25.18	\$28.34	\$52,480.00
Computer programmers	15-1021	3620	\$23.88	\$14.82	\$23.05	\$28.41	\$49,670.00
Computer software engineers, applications	15-1031	1640	\$27.67	\$19.44	\$29.12	\$31.79	\$57,560.00
Computer software engineers, systems software	15-1032	720	\$26.30	\$17.43	\$26.08	\$30.73	\$54,700.00
Computer support specialists	15-1041	6220	\$12.51	\$7.78	\$10.91	\$14.87	\$26,010.00
Computer systems analysts	15-1051	3290	\$23.61	\$15.89	\$22.89	\$27.47	\$49,110.00
Database administrators	15-1061	870	\$21.82	\$12.73	\$20.01	\$26.37	\$45,390.00
Network and computer systems administrators	15-1071	2070	\$20.95	\$14.39	\$20.22	\$24.23	\$43,580.00
Network systems and data communications analysts	15-1081	630	\$22.14	\$14.63	\$21.03	\$25.90	\$46,060.00
Computer specialists, all other	15-1099	780	\$22.29	\$10.03	\$22.92	\$28.43	\$46,370.00
Actuaries	15-2011	60	\$20.59	\$9.04	\$14.69	\$26.37	\$42,830.00
Mathematicians	15-2021	20	\$22.57	\$16.91	\$22.44	\$25.41	\$46,950.00
Operations research analysts	15-2031	310	\$20.30	\$14.32	\$19.48	\$23.29	\$42,210.00
Statisticians	15-2041	250	\$14.25	\$12.19	\$13.07	\$15.28	\$29,640.00

Statewide Wage Data Architecture and Engineering Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Architects, except landscape and naval	17-1011	270	\$26.46	\$22.40	\$25.35	\$28.48	\$55,030.00
Landscape architects	17-1012	50	\$20.42	\$12.61	\$19.54	\$24.33	\$42,470.00
Cartographers and photogrammetrists	17-1021	60	\$20.60	\$14.27	\$20.13	\$23.77	\$42,860.00
Surveyors	17-1022	*	\$13.84	\$6.87	\$12.16	\$17.32	\$28,780.00
All other architects, surveyors, and cartographers	17-1099	*	\$11.74	\$9.91	\$10.91	\$12.66	\$24,430.00
Aerospace engineers	17-2011	990	\$27.76	\$22.84	\$26.46	\$30.22	\$57,750.00
Agricultural engineers	17-2021	*	\$28.16	\$23.34	\$27.10	\$30.57	\$58,570.00
Biomedical engineers	17-2031	*	\$35.04	\$18.60	\$30.91	\$43.26	\$72,880.00
Chemical engineers	17-2041	280	\$35.60	\$26.37	\$35.40	\$40.21	\$74,050.00
Civil engineers	17-2051	1040	\$25.13	\$17.56	\$23.98	\$28.92	\$52,280.00
Computer hardware engineers	17-2061	200	\$31.23	\$19.57	\$31.11	\$37.06	\$64,960.00
Electrical engineers	17-2071	1010	\$26.35	\$17.40	\$26.28	\$30.82	\$54,800.00
Electronics engineers, except computer	17-2072	1570	\$28.07	\$20.61	\$28.77	\$31.80	\$58,390.00
Environmental engineers	17-2081	260	\$25.68	\$17.33	\$25.09	\$29.86	\$53,410.00
Health and safety engineers, except mining safety engineers and inspectors	17-2111	300	\$25.31	\$17.03	\$24.50	\$29.45	\$52,640.00
Industrial engineers	17-2112	1710	\$27.45	\$19.82	\$26.65	\$31.26	\$57,090.00
Materials engineers	17-2131	170	\$24.52	\$12.65	\$24.78	\$30.45	\$51,000.00
Mechanical engineers	17-2141	1670	\$28.01	\$19.11	\$28.75	\$32.47	\$58,270.00
Mining and geological engineers, including mining safety engineers	17-2151	120	\$36.44	\$22.53	\$34.94	\$43.40	\$75,800.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Petroleum engineers	17-2171	840	\$38.87	\$25.36	\$38.80	\$45.63	\$80,850.00
Engineers, all other	17-2199	640	\$29.86	\$19.08	\$30.68	\$35.25	\$62,110.00
Architectural and civil drafters	17-3011	450	\$17.68	\$12.32	\$16.50	\$20.37	\$36,780.00
Electrical and electronics drafters	17-3012	680	\$16.83	\$10.73	\$15.15	\$19.88	\$35,010.00
Mechanical drafters	17-3013	870	\$17.56	\$11.59	\$16.68	\$20.55	\$36,530.00
Aerospace engineering and operations technicians	17-3021	340	\$20.91	\$14.48	\$21.81	\$24.12	\$43,480.00
Civil engineering technicians	17-3022	410	\$17.90	\$13.35	\$17.16	\$20.18	\$37,240.00
Electrical and electronic engineering technicians	17-3023	2520	\$19.89	\$14.57	\$19.54	\$22.54	\$41,360.00
Electro-mechanical technicians	17-3024	390	\$22.28	\$12.94	\$21.46	\$26.95	\$46,350.00
Environmental engineering technicians	17-3025	200	\$14.00	\$9.44	\$12.60	\$16.28	\$29,110.00
Industrial engineering technicians	17-3026	710	\$17.83	\$10.97	\$17.70	\$21.26	\$37,090.00
Mechanical engineering technicians	17-3027	2350	\$16.35	\$14.50	\$15.66	\$17.28	\$34,010.00
Surveying and mapping technicians	17-3031	680	\$17.62	\$10.00	\$17.58	\$21.43	\$36,650.00
All other drafters, engineering, and mapping technicians	17-3099	1210	\$18.84	\$13.02	\$17.32	\$21.75	\$39,190.00

Statewide Wage Data Life, Physical, and Social Science Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Life, physical, and social science occupations	19-0000	300	\$22.33	\$13.77	\$18.59	\$26.61	\$46,440.00
Life scientists	19-1000	90	\$23.65	\$15.06	\$22.22	\$27.95	\$49,190.00
Agricultural and food scientists	19-1010	130	\$24.14	\$16.22	\$24.34	\$28.10	\$50,210.00
Conservation scientists	19-1031	190	\$20.99	\$13.87	\$21.69	\$24.55	\$43,660.00
Foresters	19-1032	180	\$13.95	\$10.03	\$12.39	\$15.91	\$29,020.00
Life scientists, all other	19-1099	*	\$23.26	\$12.26	\$17.77	\$28.76	\$48,380.00
Physical scientists	19-2000	10	\$34.75	\$28.95	\$32.62	\$37.65	\$72,280.00
Atmospheric and space scientists	19-2021	130	\$32.37	\$22.53	\$30.94	\$37.29	\$67,330.00
Chemists	19-2031	400	\$29.08	\$16.22	\$26.99	\$35.51	\$60,490.00
Materials scientists	19-2032	30	\$35.48	\$23.00	\$30.63	\$41.72	\$73,800.00
Environmental scientists and specialists, including health	19-2041	1000	\$18.46	\$14.21	\$16.19	\$20.59	\$38,400.00
Geoscientists, except hydrologists and geographers	19-2042	670	\$37.15	\$22.39	\$38.01	\$44.54	\$77,280.00
Hydrologists	19-2043	80	\$25.24	\$17.92	\$24.91	\$28.90	\$52,500.00
Physical scientists, all other	19-2099	100	\$24.60	\$11.78	\$21.95	\$31.01	\$51,160.00
Social scientists and related workers	19-3000	800	\$18.15	\$11.58	\$15.00	\$21.43	\$37,740.00
Economists	19-3011	30	\$36.05	\$26.00	\$34.52	\$41.08	\$74,980.00
Market research analysts	19-3021	650	\$19.78	\$10.13	\$17.64	\$24.61	\$41,150.00
Survey researchers	19-3022	*	\$15.59	\$15.21	\$15.81	\$15.78	\$32,430.00
Urban and regional planners	19-3051	130	\$22.06	\$12.43	\$22.28	\$26.88	\$45,890.00
Social scientists and related workers, all other	19-3099	160	\$22.14	\$16.21	\$22.37	\$25.11	\$46,060.00
Agricultural and food science technicians	19-4011	80	\$12.92	\$9.94	\$12.69	\$14.40	\$26,860.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Biological technicians	19-4021	370	\$13.21	\$8.75	\$12.60	\$15.44	\$27,470.00
Chemical technicians	19-4031	480	\$18.15	\$12.12	\$17.73	\$21.17	\$37,760.00
Geological and petroleum technicians	19-4041	690	\$16.97	\$11.44	\$16.93	\$19.74	\$35,300.00
Environmental science and protection technicians, including health	19-4091	280	\$13.26	\$9.29	\$10.43	\$15.25	\$27,590.00
Forensic science technicians	19-4092	60	\$13.88	\$11.68	\$13.82	\$14.99	\$28,880.00
Forest and conservation technicians	19-4093	110	\$14.46	\$10.81	\$14.31	\$16.28	\$30,070.00
Life, physical, and social science technicians, all other	19-4099	*	\$14.69	\$8.64	\$14.30	\$17.72	\$30,560.00

Statewide Wage Data Community and Social Services Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Substance abuse and behavioral disorder counselors	21-1011	*	\$10.01	\$7.53	\$8.50	\$11.25	\$20,810.00
Educational, vocational, and school counselors	21-1012	3600	\$16.16	\$10.85	\$15.87	\$18.82	\$33,620.00
Marriage and family therapists	21-1013	470	\$17.05	\$13.82	\$16.35	\$18.67	\$35,470.00
Mental health counselors	21-1014	1230	\$12.49	\$8.65	\$12.22	\$14.41	\$25,980.00
Rehabilitation counselors	21-1015	3760	\$8.60	\$6.49	\$8.07	\$9.65	\$17,890.00
Child, family, and school social workers	21-1021	6740	\$12.42	\$10.41	\$12.26	\$13.42	\$25,830.00
Medical and public health social workers	21-1022	1010	\$14.75	\$8.71	\$14.31	\$17.78	\$30,690.00
Mental health and substance abuse social workers	21-1023	1060	\$12.53	\$8.74	\$12.19	\$14.42	\$26,060.00
Health educators	21-1091	310	\$12.92	\$9.06	\$11.92	\$14.85	\$26,880.00
Probation officers and correctional treatment specialists	21-1092	1050	\$13.03	\$10.65	\$12.92	\$14.22	\$27,110.00
Social and human service assistants	21-1093	1610	\$9.44	\$6.51	\$8.96	\$10.90	\$19,630.00
Clergy	21-2011	200	\$15.61	\$10.89	\$14.93	\$17.98	\$32,480.00
Directors, religious activities and education	21-2021	40	\$17.25	\$10.51	\$17.58	\$20.62	\$35,890.00
All other counselors, social and religious workers	21-9099	420	\$13.74	\$9.36	\$12.54	\$15.93	\$28,590.00

Statewide Wage Data Legal Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lawyers	23-1011	4660	\$43.87	\$21.05	\$39.09	\$55.28	\$91,250.00
Administrative law judges, adjudicators, and hearing officers	23-1021	110	\$30.70	\$15.11	\$27.72	\$38.49	\$63,850.00
Arbitrators, mediators, and conciliators	23-1022	20	\$17.39	\$6.55	\$14.51	\$22.80	\$36,160.00
Judges, magistrate judges, and magistrates	23-1023	130	\$28.93	\$6.96	\$29.17	\$39.91	\$60,180.00
Paralegals and legal assistants	23-2011	1510	\$17.74	\$11.76	\$17.02	\$20.73	\$36,890.00
Court reporters	23-2091	*	\$18.74	\$9.87	\$22.87	\$23.18	\$38,980.00
Law clerks	23-2092	370	\$11.58	\$9.05	\$10.56	\$12.84	\$24,080.00
Title examiners, abstractors, and searchers	23-2093	1110	\$15.59	\$8.27	\$13.28	\$19.25	\$32,420.00
All other legal and related workers	23-9099	510	\$18.25	\$13.38	\$18.51	\$20.68	\$37,950.00

Statewide Wage Data Education, Training, and Library Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Preschool teachers, except special education	25-2011	5040	\$8.55	\$6.00	\$7.72	\$9.83	\$17,790.00
Kindergarten teachers, except special education	25-2012	2570	*	*	*	*	\$29,030.00
Elementary school teachers, except special education	25-2021	19110	*	*	*	*	\$31,120.00
Middle school teachers, except special and vocational education	25-2022	8410	*	*	*	*	\$33,010.00
Vocational education teachers, middle school	25-2023	360	*	*	*	*	\$40,370.00
Secondary school teachers, except special and vocational	25-2031	15560	*	*	*	*	\$32,490.00
Vocational education teachers, secondary school	25-2032	1990	*	*	*	*	\$39,460.00
Special education teachers, preschool, kindergarten, and elementary school	25-2041	2210	*	*	*	*	\$33,750.00
Special education teachers, middle school	25-2042	720	*	*	*	*	\$34,340.00
Special education teachers, secondary school	25-2043	1250	*	*	*	*	\$34,280.00
Adult literacy, remedial education, and GED teachers and	25-3011	830	\$13.84	\$8.97	\$13.89	\$16.28	\$28,800.00
Self-enrichment education teachers	25-3021	1420	\$14.99	\$6.52	\$14.59	\$19.23	\$31,180.00
All other teachers, primary, secondary, and adult	25-3999	2780	*	*	*	*	\$18,070.00
Archivists, curators, and museum technicians	25-4010	100	\$14.02	\$8.55	\$12.40	\$16.75	\$29,150.00
Librarians	25-4021	2040	\$16.22	\$11.38	\$16.34	\$18.64	\$33,730.00
Library technicians	25-4031	1140	\$8.39	\$6.05	\$8.05	\$9.55	\$17,440.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Audio-visual collections specialists	25-9011	80	\$14.53	\$8.35	\$13.99	\$17.62	\$30,220.00
Farm and home management advisors	25-9021	160	\$14.87	\$9.98	\$14.70	\$17.31	\$30,930.00
Instructional coordinators	25-9031	720	\$19.16	\$12.66	\$18.79	\$22.42	\$39,860.00
Teacher assistants	25-9041	10330	*	*	*	*	\$14,390.00
Library, museum, training, and other education workers, all other	25-9199	*	\$16.66	\$7.96	\$14.41	\$21.01	\$34,650.00

Statewide Wage Data Arts, Design, Entertainment, Sports, and Media Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Art directors	27-1011	170	\$20.00	\$13.35	\$17.30	\$23.33	\$41,600.00
Fine artists, including painters, sculptors, and illustrators	27-1013	50	\$18.11	\$8.21	\$17.99	\$23.07	\$37,680.00
Multi-media artists and animators	27-1014	250	\$13.87	\$9.59	\$12.74	\$16.02	\$28,860.00
Commercial and industrial designers	27-1021	240	\$18.73	\$11.44	\$17.88	\$22.38	\$38,960.00
Fashion designers	27-1022	40	\$12.59	\$9.52	\$12.23	\$14.12	\$26,180.00
Floral designers	27-1023	960	\$8.72	\$7.01	\$8.20	\$9.57	\$18,130.00
Graphic designers	27-1024	1010	\$14.08	\$8.37	\$12.07	\$16.94	\$29,300.00
Interior designers	27-1025	160	\$15.84	\$11.36	\$14.34	\$18.08	\$32,950.00
Merchandise displayers and window trimmers	27-1026	630	\$12.15	\$7.89	\$10.83	\$14.27	\$25,260.00
All other art and design workers	27-1099	180	\$12.36	\$6.08	\$9.78	\$15.49	\$25,700.00
Actors	27-2011	580	*	*	*	*	\$18,350.00
Producers and directors	27-2012	510	*	*	*	*	\$39,450.00
Athletes and sports competitors	27-2021	60	*	*	*	*	\$51,590.00
Coaches and scouts	27-2022	820	*	*	*	*	\$34,790.00
Umpires, referees, and other sports officials	27-2023	50	*	*	*	*	\$14,470.00
Dancers	27-2031	20	\$9.02	\$5.84	\$9.28	\$10.61	\$18,760.00
Choreographers	27-2032	150	\$11.58	\$6.24	\$10.91	\$14.25	\$24,090.00
Music directors and composers	27-2041	*	*	*	*	*	\$33,510.00
Musicians and singers	27-2042	650	*	*	*	*	\$36,080.00
Entertainers and performers, sports and related workers, all other	27-2099	150	*	*	*	*	\$21,230.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Announcers	27-3010	770	\$7.93	\$5.96	\$7.42	\$8.91	\$16,490.00
News analysts, reporters and correspondents	27-3020	820	\$16.47	\$7.91	\$11.55	\$20.74	\$34,250.00
Public relations specialists	27-3031	1580	\$14.44	\$10.39	\$13.54	\$16.47	\$30,040.00
Editors	27-3041	980	\$13.06	\$8.11	\$11.92	\$15.53	\$27,160.00
Technical writers	27-3042	570	\$18.12	\$12.35	\$18.10	\$21.01	\$37,690.00
Writers and authors	27-3043	310	\$17.53	\$10.46	\$17.89	\$21.07	\$36,470.00
Interpreters and translators	27-3091	100	\$11.34	\$7.26	\$10.66	\$13.38	\$23,590.00
Media and communication workers, all other	27-3099	80	\$16.96	\$8.45	\$16.34	\$21.21	\$35,270.00
Audio and video equipment technicians	27-4011	300	\$11.17	\$7.15	\$10.35	\$13.17	\$23,220.00
Broadcast technicians	27-4012	210	\$13.32	\$7.48	\$11.94	\$16.24	\$27,700.00
Sound engineering technicians	27-4014	*	\$14.85	\$8.53	\$14.34	\$18.00	\$30,880.00
Photographers	27-4021	990	\$10.29	\$7.09	\$9.56	\$11.89	\$21,410.00
Camera operators, television, video, and motion picture	27-4031	260	\$11.18	\$7.69	\$9.95	\$12.93	\$23,260.00
Film and video editors	27-4032	60	\$16.26	\$10.09	\$15.45	\$19.34	\$33,810.00
Media and communication equipment workers, all other	27-4099	220	\$18.77	\$8.21	\$18.63	\$24.06	\$39,050.00

Statewide Wage Data Healthcare Practitioners and Technical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Dentists	29-1020	1310	\$51.51	\$25.09	\$61.15	\$64.72	\$107,140.00
Dietitians and nutritionists	29-1031	640	\$15.77	\$7.64	\$15.12	\$19.84	\$32,810.00
Optometrists	29-1041	310	\$44.99	\$34.22	\$40.79	\$50.38	\$93,580.00
Pharmacists	29-1051	2610	\$29.41	\$21.58	\$30.56	\$33.32	\$61,170.00
Physicians and surgeons	29-1060	4780	\$60.48	\$45.03	*	\$68.21	\$125,810.00
Physician assistants	29-1071	*	\$18.83	\$10.08	\$13.39	\$23.21	\$39,170.00
Registered nurses	29-1111	22200	\$19.36	\$14.58	\$19.10	\$21.74	\$40,260.00
Audiologists	29-1121	*	\$20.87	\$15.48	\$19.55	\$23.56	\$43,400.00
Occupational therapists	29-1122	690	\$23.51	\$11.99	\$23.05	\$29.28	\$48,910.00
Physical therapists	29-1123	1140	\$27.78	\$20.07	\$26.50	\$31.63	\$57,780.00
Radiation therapists	29-1124	160	\$19.77	\$13.75	\$17.82	\$22.78	\$41,130.00
Recreational therapists	29-1125	390	\$14.46	\$9.55	\$13.11	\$16.92	\$30,080.00
Respiratory therapists	29-1126	1260	\$14.26	\$7.81	\$15.27	\$17.48	\$29,650.00
Speech-language pathologists	29-1127	940	\$19.79	\$13.89	\$18.09	\$22.73	\$41,160.00
Veterinarians	29-1131	570	\$21.31	\$12.22	\$17.52	\$25.86	\$44,320.00
Medical and clinical laboratory technologists	29-2011	2260	\$17.35	\$11.99	\$17.66	\$20.03	\$36,080.00
Medical and clinical laboratory technicians	29-2012	1480	\$12.04	\$8.61	\$11.84	\$13.76	\$25,050.00
Dental hygienists	29-2021	1250	\$22.89	\$20.18	\$24.06	\$24.24	\$47,600.00
Cardiovascular technologists and technicians	29-2031	360	\$13.48	\$8.79	\$11.96	\$15.82	\$28,030.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Diagnostic medical sonographers	29-2032	300	\$22.29	\$17.33	\$22.36	\$24.78	\$46,370.00
Nuclear medicine technologists	29-2033	150	\$21.66	\$14.86	\$20.46	\$25.07	\$45,060.00
Radiologic technologists and technicians	29-2034	1720	\$15.64	\$11.71	\$15.28	\$17.61	\$32,540.00
Emergency medical technicians and paramedics	29-2041	2430	\$9.42	\$6.56	\$9.09	\$10.84	\$19,580.00
Dietetic technicians	29-2051	530	\$7.63	\$6.08	\$7.53	\$8.41	\$15,870.00
Pharmacy technicians	29-2052	2150	\$9.06	\$7.05	\$8.59	\$10.06	\$18,850.00
Psychiatric technicians	29-2053	1030	\$12.08	\$7.84	\$9.78	\$14.20	\$25,120.00
Respiratory therapy technicians	29-2054	440	\$14.08	\$8.73	\$13.26	\$16.76	\$29,290.00
Surgical technologists	29-2055	1110	\$12.72	\$9.03	\$12.00	\$14.57	\$26,460.00
Veterinary technologists and technicians	29-2056	510	\$9.76	\$7.16	\$9.76	\$11.06	\$20,300.00
Licensed practical and licensed vocational nurses	29-2061	13460	\$12.08	\$9.40	\$11.81	\$13.43	\$25,130.00
Medical records and health information technicians	29-2071	2150	\$10.24	\$7.07	\$9.81	\$11.82	\$21,300.00
Opticians, dispensing	29-2081	440	\$11.45	\$6.65	\$9.16	\$13.84	\$23,810.00
Orthotists and prosthetists	29-2091	20	\$17.38	\$12.97	\$16.18	\$19.59	\$36,150.00
Occupational health and safety specialists and technicians	29-9010	320	\$24.52	\$15.87	\$24.05	\$28.85	\$51,000.00
Athletic trainers	29-9091	130	*	*	*	*	\$27,400.00
Health professionals and technicians, all other	29-9199	980	\$13.23	\$7.23	\$10.19	\$16.23	\$27,510.00

Statewide Wage Data Healthcare Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Home health aides	31-1011	6040	\$7.91	\$5.99	\$7.64	\$8.86	\$16,440.00
Nursing aides, orderlies, and attendants	31-1012	22120	\$7.43	\$5.98	\$7.40	\$8.16	\$15,460.00
Psychiatric aides	31-1013	510	\$8.20	\$6.51	\$7.88	\$9.05	\$17,060.00
Occupational therapist assistants	31-2011	250	\$16.37	\$13.40	\$16.28	\$17.85	\$34,050.00
Occupational therapist aides	31-2012	*	\$7.63	\$7.05	\$7.56	\$7.92	\$15,870.00
Physical therapist assistants	31-2021	540	\$15.22	\$10.52	\$15.57	\$17.56	\$31,650.00
Physical therapist aides	31-2022	680	\$8.40	\$6.97	\$8.00	\$9.11	\$17,470.00
Massage therapists	31-9011	30	\$6.61	\$5.89	\$6.39	\$6.97	\$13,750.00
Dental assistants	31-9091	3030	\$11.13	\$8.46	\$11.05	\$12.47	\$23,150.00
Medical assistants	31-9092	2750	\$9.38	\$7.39	\$9.13	\$10.38	\$19,510.00
Medical equipment preparers	31-9093	320	\$9.05	\$7.11	\$8.66	\$10.02	\$18,830.00
Medical transcriptionists	31-9094	990	\$11.24	\$8.16	\$11.21	\$12.77	\$23,370.00
Pharmacy aides	31-9095	770	\$7.73	\$6.09	\$7.58	\$8.54	\$16,070.00
Veterinary assistants and laboratory animal caretakers	31-9096	640	\$7.18	\$5.89	\$6.69	\$7.83	\$14,940.00
Healthcare support workers, all other	31-9099	1560	\$8.51	\$6.37	\$8.08	\$9.58	\$17,700.00

Statewide Wage Data Protective Service Occupations

Average Hourly Range

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
First-line supervisors/managers of correctional officers	33-1011	390	\$14.73	\$11.14	\$13.31	\$16.52	\$30,630.00
First-line supervisors/managers of police and detectives	33-1012	730	\$17.98	\$10.38	\$17.20	\$21.78	\$37,400.00
First-line supervisors/managers of fire fighting and prevention workers	33-1021	490	\$18.80	\$13.70	\$17.32	\$21.36	\$39,110.00
First-line supervisors/managers, protective service workers, all other	33-1099	380	\$12.49	\$7.61	\$9.00	\$14.94	\$25,990.00
Fire fighting and prevention workers	33-2000	170	\$13.84	\$8.12	\$11.79	\$16.70	\$28,790.00
Fire fighters	33-2011	3520	\$15.26	\$9.58	\$15.24	\$18.09	\$31,730.00
Bailiffs	33-3011	40	\$13.39	\$8.71	\$13.88	\$15.73	\$27,850.00
Correctional officers and jailers	33-3012	6800	\$10.71	\$8.10	\$10.01	\$12.01	\$22,270.00
Detectives and criminal investigators	33-3021	1320	\$20.59	\$13.95	\$20.36	\$23.91	\$42,830.00
Fish and game wardens	33-3031	70	\$11.67	\$10.17	\$11.73	\$12.42	\$24,270.00
Parking enforcement workers	33-3041	90	\$12.05	\$8.18	\$12.66	\$13.98	\$25,060.00
Police and sheriff's patrol officers	33-3051	6640	\$14.47	\$8.81	\$13.19	\$17.30	\$30,100.00
Animal control workers	33-9011	100	\$10.55	\$6.56	\$10.06	\$12.55	\$21,950.00
Private detectives and investigators	33-9021	170	\$10.97	\$7.53	\$9.21	\$12.69	\$22,820.00
Gaming surveillance officers and gaming investigators	33-9031	70	\$10.54	\$7.12	\$8.96	\$12.24	\$21,920.00
Security guards	33-9032	9010	\$9.23	\$7.12	\$8.28	\$10.29	\$19,200.00
Crossing guards	33-9091	420	\$9.84	\$5.98	\$11.32	\$11.76	\$20,460.00
Protective service workers, all other	33-9099	1200	\$7.76	\$5.86	\$6.35	\$8.71	\$16,140.00

Statewide Wage Data Food Preparation and Serving Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	

Chefs and head cooks	35-1011	1660	\$10.38	\$6.63	\$9.28	\$12.26	\$21,590.00
First-line supervisors/managers of food preparation and serving workers	35-1012	7500	\$9.19	\$6.59	\$8.42	\$10.49	\$19,110.00
Cooks, fast food	35-2011	8240	\$6.77	\$5.86	\$6.46	\$7.23	\$14,090.00
Cooks, institution and cafeteria	35-2012	10110	\$7.12	\$5.89	\$6.76	\$7.73	\$14,800.00
Cooks, restaurant	35-2014	6060	\$7.35	\$5.87	\$7.28	\$8.09	\$15,280.00
Cooks, short order	35-2015	6250	\$6.80	\$5.84	\$6.41	\$7.29	\$14,150.00
Food preparation workers	35-2021	7000	\$6.72	\$5.86	\$6.46	\$7.16	\$13,990.00
Bartenders	35-3011	1890	\$6.90	\$5.90	\$6.58	\$7.40	\$14,350.00
Combined food preparation and serving workers, including fast food	35-3021	26040	\$6.44	\$5.85	\$6.34	\$6.73	\$13,390.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	5270	\$6.30	\$5.85	\$6.16	\$6.53	\$13,100.00
Waiters and waitresses	35-3031	22570	\$6.30	\$5.85	\$6.16	\$6.53	\$13,110.00
Food servers, nonrestaurant	35-3041	1720	\$6.39	\$5.86	\$6.26	\$6.66	\$13,300.00
Dining room and cafeteria attendants and bartender helpers	35-9011	2550	\$6.27	\$5.88	\$6.25	\$6.46	\$13,030.00
Dishwashers	35-9021	5710	\$6.23	\$5.86	\$6.20	\$6.41	\$12,950.00
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	2280	\$6.63	\$5.86	\$6.38	\$7.02	\$13,790.00
Food preparation and serving related workers, all other	35-9099	280	\$7.78	\$5.90	\$7.05	\$8.72	\$16,190.00

Statewide Wage Data Building and Grounds Cleaning and Maintenance Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of housekeeping and janitorial workers	37-1011	2010	\$10.88	\$7.53	\$10.22	\$12.55	\$22,630.00
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012	770	\$11.57	\$7.27	\$10.77	\$13.71	\$24,060.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	20910	\$7.58	\$5.89	\$7.14	\$8.43	\$15,770.00
Maids and housekeeping cleaners	37-2012	10890	\$6.74	\$5.88	\$6.56	\$7.17	\$14,020.00
Pest control workers	37-2021	180	\$10.22	\$6.81	\$10.81	\$11.92	\$21,260.00

Landscaping and groundskeeping workers	37-3011	7170	\$8.15	\$5.98	\$7.73	\$9.23	\$16,950.00
Pesticide handlers, sprayers, and applicators, vegetation	37-3012	220	\$8.10	\$5.98	\$7.19	\$9.16	\$16,850.00
Tree trimmers and pruners	37-3013	930	\$9.62	\$7.63	\$9.50	\$10.61	\$20,000.00
All other building and grounds cleaning and maintenance workers	37-9099	1030	\$9.25	\$6.88	\$8.30	\$10.43	\$19,230.00

Statewide Wage Data Personal Care and Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Gaming supervisors	39-1011	180	\$9.67	\$6.67	\$9.77	\$11.17	\$20,110.00
Slot key persons	39-1012	110	\$7.82	\$5.87	\$7.33	\$8.80	\$16,260.00
First-line supervisors/managers of personal service workers	39-1021	710	\$11.76	\$8.37	\$10.69	\$13.45	\$24,450.00
Animal trainers	39-2011	*	\$11.93	\$6.02	\$10.01	\$14.88	\$24,810.00
Nonfarm animal caretakers	39-2021	1390	\$7.93	\$5.88	\$7.18	\$8.96	\$16,490.00
Entertainment attendants and related workers	39-3000	320	\$9.11	\$6.15	\$8.38	\$10.59	\$18,940.00
Gaming dealers	39-3011	60	\$6.41	\$5.87	\$6.38	\$6.69	\$13,340.00
Gaming and sports book writers and runners	39-3012	560	\$7.10	\$5.84	\$6.84	\$7.73	\$14,770.00
Motion picture projectionists	39-3021	50	\$6.97	\$5.85	\$6.37	\$7.53	\$14,500.00
Ushers, lobby attendants, and ticket takers	39-3031	730	\$6.10	\$5.88	\$6.13	\$6.22	\$12,690.00
Amusement and recreation attendants	39-3091	910	\$6.97	\$5.90	\$6.45	\$7.50	\$14,490.00
All other gaming workers	39-3199	320	\$6.82	\$5.97	\$6.82	\$7.24	\$14,180.00
Embalmers	39-4011	*	\$10.06	\$9.43	\$9.77	\$10.37	\$20,920.00
Funeral attendants	39-4021	420	\$7.41	\$5.87	\$7.01	\$8.18	\$15,420.00
Barbers	39-5011	240	\$8.93	\$6.75	\$8.11	\$10.02	\$18,580.00
Hairdressers, hairstylists, and cosmetologists	39-5012	2030	\$8.85	\$6.11	\$7.99	\$10.23	\$18,420.00
Manicurists and pedicurists	39-5092	80	\$7.72	\$5.93	\$7.00	\$8.62	\$16,060.00
Skin care specialists	39-5094	70	\$9.04	\$5.92	\$7.50	\$10.61	\$18,810.00
Transportation, tourism, and lodging attendants	39-6000	90	\$12.19	\$8.60	\$12.32	\$13.98	\$25,350.00
Baggage porters and bellhops	39-6011	260	\$6.07	\$5.93	\$6.18	\$6.14	\$12,630.00
Concierges	39-6012	30	\$7.92	\$6.84	\$7.80	\$8.47	\$16,480.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Transportation attendants, except flight attendants and baggage porters	39-6032	*	\$8.08	\$6.82	\$8.11	\$8.71	\$16,810.00
Other personal care and service workers	39-9000	450	\$6.63	\$5.84	\$6.24	\$7.03	\$13,800.00
Child care workers	39-9011	4290	\$6.52	\$5.88	\$6.36	\$6.84	\$13,570.00
Personal and home care aides	39-9021	4830	\$6.72	\$5.87	\$6.46	\$7.14	\$13,970.00
Fitness trainers and aerobics instructors	39-9031	1230	\$9.94	\$6.18	\$9.71	\$11.82	\$20,680.00
Recreation workers	39-9032	2020	\$7.74	\$5.98	\$7.00	\$8.62	\$16,100.00
Residential advisors	39-9041	520	\$8.56	\$6.39	\$8.22	\$9.65	\$17,810.00

Statewide Wage Data Sales and Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of retail sales workers	41-1011	14850	\$12.80	\$7.87	\$10.96	\$15.27	\$26,630.00
First-line supervisors/managers of non-retail sales workers	41-1012	2570	\$18.37	\$10.46	\$15.97	\$22.32	\$38,200.00
Cashiers	41-2011	40900	\$6.53	\$5.86	\$6.31	\$6.87	\$13,590.00
Gaming change persons and booth cashiers	41-2012	620	\$7.05	\$5.92	\$7.12	\$7.62	\$14,660.00
Counter and rental clerks	41-2021	4170	\$7.79	\$5.88	\$7.05	\$8.75	\$16,210.00
Parts salespersons	41-2022	4200	\$9.97	\$6.33	\$8.79	\$11.79	\$20,740.00
Retail salespersons	41-2031	47420	\$9.18	\$5.87	\$7.60	\$10.83	\$19,090.00
Advertising sales agents	41-3011	1460	\$16.03	\$7.29	\$12.47	\$20.41	\$33,350.00
Insurance sales agents	41-3021	3090	\$16.81	\$9.56	\$14.48	\$20.44	\$34,960.00
Securities, commodities, and financial services sales agents	41-3031	1570	\$29.75	\$13.03	\$21.43	\$38.11	\$61,880.00
Travel agents	41-3041	920	\$10.67	\$8.19	\$10.13	\$11.92	\$22,200.00
Sales representatives, wholesale and manufacturing, technical and scientific products	41-4011	3980	\$24.77	\$14.10	\$21.89	\$30.10	\$51,520.00
Sales representatives, wholesale and manufacturing, except technical and scientific products	41-4012	12830	\$18.73	\$10.40	\$17.07	\$22.90	\$38,960.00
Demonstrators and product promoters	41-9011	760	\$11.65	\$7.39	\$9.94	\$13.77	\$24,220.00
Real estate brokers	41-9021	550	\$39.05	\$9.06	\$31.87	\$54.04	\$81,220.00
Real estate sales agents	41-9022	770	\$16.62	\$6.71	\$14.18	\$21.58	\$34,570.00
Sales engineers	41-9031	610	\$24.01	\$12.67	\$23.27	\$29.67	\$49,930.00
Telemarketers	41-9041	9100	\$7.51	\$5.88	\$7.42	\$8.32	\$15,610.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Door-to-door sales workers, news and street vendors, and related workers	41-9091	180	\$17.24	\$7.32	\$13.95	\$22.19	\$35,850.00
Sales and related workers, all other	41-9099	3840	\$15.53	\$6.77	\$12.34	\$19.90	\$32,290.00

Statewide Wage Data Office and Administrative Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of office and administrative support workers	43-1011	13190	\$16.73	\$9.79	\$14.56	\$20.20	\$34,800.00
Switchboard operators, including answering service	43-2011	2030	\$9.17	\$6.60	\$8.58	\$10.46	\$19,080.00
Telephone operators	43-2021	460	\$13.50	\$8.78	\$15.09	\$15.87	\$28,080.00
Communications equipment operators, all other	43-2099	*	\$12.06	\$8.25	\$10.51	\$13.97	\$25,090.00
Bill and account collectors	43-3011	3470	\$11.68	\$8.36	\$10.82	\$13.34	\$24,300.00
Billing and posting clerks and machine operators	43-3021	5120	\$10.41	\$7.86	\$9.84	\$11.68	\$21,640.00
Bookkeeping, accounting, and auditing clerks	43-3031	18700	\$11.18	\$7.79	\$10.53	\$12.88	\$23,260.00
Gaming cage workers	43-3041	130	\$7.28	\$6.55	\$7.40	\$7.64	\$15,130.00
Payroll and timekeeping clerks	43-3051	2480	\$11.53	\$8.06	\$11.18	\$13.26	\$23,970.00
Procurement clerks	43-3061	1590	\$13.06	\$9.26	\$12.88	\$14.96	\$27,170.00
Tellers	43-3071	6750	\$8.37	\$6.61	\$8.07	\$9.25	\$17,410.00
Brokerage clerks	43-4011	330	\$11.81	\$8.54	\$11.81	\$13.44	\$24,560.00
Correspondence clerks	43-4021	270	\$10.16	\$7.68	\$9.74	\$11.40	\$21,130.00
Court, municipal, and license clerks	43-4031	940	\$10.50	\$7.89	\$10.20	\$11.81	\$21,840.00
Credit authorizers, checkers, and clerks	43-4041	1320	\$10.89	\$6.87	\$9.68	\$12.90	\$22,650.00
Customer service representatives	43-4051	21890	\$11.19	\$7.97	\$10.46	\$12.80	\$23,280.00
Eligibility interviewers, government programs	43-4061	1710	\$11.75	\$11.04	\$11.99	\$12.11	\$24,440.00
File clerks	43-4071	3470	\$8.74	\$6.07	\$8.20	\$10.08	\$18,180.00
Hotel, motel, and resort desk clerks	43-4081	1900	\$6.98	\$5.90	\$7.06	\$7.53	\$14,530.00
Interviewers, except eligibility and loan	43-4111	1090	\$8.95	\$6.98	\$8.42	\$9.94	\$18,620.00
Library assistants, clerical	43-4121	1220	\$8.36	\$5.89	\$7.51	\$9.59	\$17,380.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Loan interviewers and clerks	43-4131	2310	\$11.38	\$8.52	\$10.95	\$12.81	\$23,670.00
New accounts clerks	43-4141	920	\$10.04	\$8.37	\$9.86	\$10.87	\$20,880.00
Order clerks	43-4151	3180	\$10.65	\$6.95	\$9.73	\$12.50	\$22,150.00
Human resources assistants, except payroll and timekeeping	43-4161	1600	\$11.81	\$8.66	\$11.30	\$13.38	\$24,560.00
Receptionists and information clerks	43-4171	11050	\$8.89	\$6.65	\$8.38	\$10.01	\$18,490.00
Reservation and transportation ticket agents and travel clerks	43-4181	3390	\$10.86	\$8.10	\$10.65	\$12.24	\$22,590.00
All other financial, information, and record clerks	43-4999	1610	\$12.72	\$8.11	\$10.69	\$15.03	\$26,460.00
Cargo and freight agents	43-5011	410	\$12.84	\$8.71	\$11.77	\$14.91	\$26,710.00
Couriers and messengers	43-5021	950	\$8.55	\$6.06	\$7.63	\$9.80	\$17,790.00
Police, fire, and ambulance dispatchers	43-5031	1410	\$8.97	\$6.15	\$8.23	\$10.37	\$18,650.00
Dispatchers, except police, fire, and ambulance	43-5032	2400	\$12.61	\$8.39	\$10.72	\$14.72	\$26,230.00
Meter readers, utilities	43-5041	890	\$10.32	\$7.12	\$9.72	\$11.92	\$21,470.00
Postal service clerks	43-5051	660	\$18.69	\$18.00	\$19.03	\$19.03	\$38,870.00
Postal service mail carriers	43-5052	4430	\$17.44	\$13.14	\$18.20	\$19.59	\$36,270.00
Postal service mail sorters, processors, and processing machine operators	43-5053	1770	\$14.12	\$9.09	\$14.23	\$16.64	\$29,370.00
Production, planning, and expediting clerks	43-5061	3450	\$15.62	\$9.11	\$14.07	\$18.88	\$32,490.00
Shipping, receiving, and traffic clerks	43-5071	7950	\$10.02	\$7.06	\$9.50	\$11.50	\$20,840.00
Stock clerks and order fillers	43-5081	17680	\$9.06	\$5.93	\$7.90	\$10.62	\$18,840.00
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	1280	\$10.93	\$7.89	\$10.40	\$12.45	\$22,730.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
All other material recording, scheduling, dispatching, and distributing workers	43-5199	210	\$12.34	\$7.94	\$11.88	\$14.54	\$25,670.00
Executive secretaries and administrative assistants	43-6011	13040	\$12.65	\$8.92	\$12.18	\$14.52	\$26,320.00
Legal secretaries	43-6012	2050	\$13.50	\$10.52	\$13.86	\$14.98	\$28,070.00
Medical secretaries	43-6013	3010	\$9.64	\$7.55	\$9.09	\$10.68	\$20,040.00
Secretaries, except legal, medical, and executive	43-6014	24000	\$9.78	\$6.92	\$9.41	\$11.21	\$20,340.00
Computer operators	43-9011	2620	\$10.98	\$7.11	\$9.93	\$12.92	\$22,840.00
Data entry keyers	43-9021	4590	\$9.40	\$7.08	\$9.02	\$10.56	\$19,540.00
Word processors and typists	43-9022	1470	\$9.68	\$6.87	\$9.45	\$11.08	\$20,120.00
Desktop publishers	43-9031	140	\$11.44	\$6.35	\$11.61	\$13.99	\$23,800.00
Insurance claims and policy processing clerks	43-9041	2160	\$13.53	\$8.42	\$12.64	\$16.09	\$28,150.00
Mail clerks and mail machine operators, except postal service	43-9051	1680	\$8.84	\$6.84	\$8.32	\$9.84	\$18,390.00
Office clerks, general	43-9061	34770	\$9.07	\$6.53	\$8.47	\$10.35	\$18,870.00
Office machine operators, except computer	43-9071	1010	\$9.86	\$6.62	\$8.75	\$11.48	\$20,510.00
Proofreaders and copy markers	43-9081	250	\$10.36	\$6.58	\$9.57	\$12.25	\$21,550.00
Statistical assistants	43-9111	60	\$11.02	\$7.41	\$10.16	\$12.83	\$22,930.00
All other secretaries, administrative assistants, and other office support workers	43-9999	5630	\$12.75	\$6.99	\$11.72	\$15.63	\$26,520.00

Statewide Wage Data Farming, Fishing, and Forestry Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of farming, fishing, and forestry workers	45-1011	110	\$15.60	\$7.94	\$12.37	\$19.43	\$32,440.00
Agricultural inspectors	45-2011	320	\$11.97	\$9.27	\$11.95	\$13.32	\$24,900.00
Graders and sorters, agricultural products	45-2041	250	\$8.82	\$6.24	\$8.11	\$10.11	\$18,340.00
Agricultural equipment operators	45-2091	80	\$8.38	\$6.85	\$7.99	\$9.15	\$17,430.00
Farmworkers and laborers, crop, nursery, and greenhouse	45-2092	340	\$7.20	\$5.89	\$6.95	\$7.85	\$14,970.00
Farmworkers, farm and ranch animals	45-2093	1310	\$7.14	\$5.88	\$6.51	\$7.77	\$14,850.00
Forest and conservation workers	45-4011	*	\$6.41	\$5.82	\$6.04	\$6.71	\$13,340.00
Fallers	45-4021	30	\$17.70	\$14.30	\$18.35	\$19.40	\$36,810.00
Logging equipment operators	45-4022	550	\$13.25	\$7.14	\$13.32	\$16.31	\$27,560.00
Log graders and scalers	45-4023	20	\$10.86	\$8.62	\$10.38	\$11.98	\$22,580.00

Statewide Wage Data Construction and Extraction Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of construction trades and extraction workers	47-1011	5540	\$19.75	\$12.95	\$19.48	\$23.15	\$41,070.00
Boilermakers	47-2011	410	\$10.51	\$7.71	\$9.60	\$11.91	\$21,850.00
Brickmasons and blockmasons	47-2021	510	\$16.81	\$10.05	\$18.26	\$20.20	\$34,970.00
Stonemasons	47-2022	*	\$10.39	\$7.81	\$8.34	\$11.68	\$21,610.00
Carpenters	47-2031	5550	\$11.97	\$8.25	\$11.35	\$13.83	\$24,900.00
Carpet installers	47-2041	70	\$12.71	\$8.50	\$10.97	\$14.81	\$26,430.00
Floor layers, except carpet, wood, and hard tiles	47-2042	*	\$14.86	\$9.08	\$15.50	\$17.75	\$30,910.00
Floor sanders and finishers	47-2043	*	\$13.93	\$11.53	\$13.50	\$15.12	\$28,970.00
Tile and marble setters	47-2044	150	\$14.22	\$8.81	\$13.67	\$16.93	\$29,590.00
Cement masons and concrete finishers	47-2051	2450	\$11.57	\$8.06	\$11.10	\$13.32	\$24,060.00
Construction laborers	47-2061	8820	\$9.99	\$7.56	\$9.60	\$11.20	\$20,770.00
Paving, surfacing, and tamping equipment operators	47-2071	960	\$11.07	\$8.74	\$10.28	\$12.24	\$23,030.00
Pile-driver operators	47-2072	*	\$14.84	\$8.71	\$11.02	\$17.90	\$30,860.00
Operating engineers and other construction equipment operators	47-2073	4080	\$12.22	\$9.01	\$11.63	\$13.83	\$25,420.00
Drywall and ceiling tile installers	47-2081	910	\$13.35	\$10.12	\$13.63	\$14.97	\$27,770.00
Tapers	47-2082	90	\$14.60	\$12.32	\$14.95	\$15.74	\$30,370.00
Electricians	47-2111	5670	\$16.89	\$11.51	\$16.35	\$19.58	\$35,130.00
Glaziers	47-2121	430	\$11.67	\$8.51	\$11.60	\$13.25	\$24,280.00
Insulation workers	47-2130	970	\$13.07	\$8.34	\$11.94	\$15.43	\$27,180.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Painters, construction and maintenance	47-2141	2250	\$12.24	\$8.69	\$11.95	\$14.01	\$25,460.00
Paperhangers	47-2142	30	\$13.25	\$9.92	\$12.33	\$14.91	\$27,550.00
Pipelayers	47-2151	820	\$11.31	\$8.99	\$10.56	\$12.47	\$23,520.00
Plumbers, pipefitters, and steamfitters	47-2152	3800	\$16.81	\$10.81	\$16.30	\$19.81	\$34,960.00
Plasterers and stucco masons	47-2161	*	\$15.09	\$12.15	\$15.07	\$16.55	\$31,380.00
Reinforcing iron and rebar workers	47-2171	140	\$17.28	\$10.51	\$18.36	\$20.67	\$35,940.00
Roofers	47-2181	800	\$13.13	\$8.42	\$12.38	\$15.48	\$27,310.00
Sheet metal workers	47-2211	3470	\$15.96	\$10.13	\$16.57	\$18.87	\$33,200.00
Structural iron and steel workers	47-2221	1170	\$13.26	\$9.31	\$11.84	\$15.23	\$27,570.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	47-3011	320	\$10.24	\$9.07	\$10.07	\$10.82	\$21,290.00
Helpers--carpenters	47-3012	620	\$8.47	\$6.47	\$8.29	\$9.48	\$17,620.00
Helpers--electricians	47-3013	1460	\$10.18	\$7.85	\$9.90	\$11.34	\$21,170.00
Helpers--painters, paperhangers, plasterers, and stucco masons	47-3014	400	\$8.01	\$6.18	\$7.69	\$8.93	\$16,670.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	47-3015	1030	\$10.09	\$7.38	\$9.94	\$11.44	\$20,980.00
Helpers--roofers	47-3016	320	\$10.78	\$7.33	\$10.28	\$12.50	\$22,420.00
Helpers, construction trades, all other	47-3019	380	\$9.09	\$7.12	\$8.97	\$10.08	\$18,920.00
Other construction and related workers	47-4000	570	\$14.12	\$9.45	\$13.66	\$16.45	\$29,370.00
Construction and building inspectors	47-4011	550	\$16.08	\$11.63	\$15.83	\$18.31	\$33,450.00
Elevator installers and repairers	47-4021	*	\$20.56	\$18.30	\$20.31	\$21.70	\$42,770.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Fence erectors	47-4031	200	\$10.90	\$7.09	\$10.05	\$12.80	\$22,660.00
Hazardous materials removal workers	47-4041	450	\$12.48	\$10.86	\$12.25	\$13.29	\$25,960.00
Highway maintenance workers	47-4051	4970	\$9.42	\$7.41	\$9.14	\$10.43	\$19,600.00
Rail-track laying and maintenance equipment operators	47-4061	90	\$12.28	\$7.36	\$12.96	\$14.74	\$25,550.00
Septic tank servicers and sewer pipe cleaners	47-4071	220	\$13.79	\$9.64	\$12.99	\$15.86	\$28,670.00
Derrick operators, oil and gas	47-5011	2840	\$11.36	\$9.45	\$10.74	\$12.32	\$23,640.00
Rotary drill operators, oil and gas	47-5012	1800	\$13.58	\$9.67	\$12.49	\$15.53	\$28,240.00
Service unit operators, oil, gas, and mining	47-5013	810	\$15.96	\$10.88	\$13.34	\$18.51	\$33,200.00
Earth drillers, except oil and gas	47-5021	720	\$11.29	\$8.12	\$10.64	\$12.88	\$23,490.00
Explosives workers, ordnance handling experts, and blasters	47-5031	200	\$14.83	\$11.56	\$14.57	\$16.47	\$30,850.00
Continuous mining machine operators	47-5041	*	\$13.88	\$9.72	\$12.86	\$15.95	\$28,860.00
Roustabouts, oil and gas	47-5071	3250	\$10.75	\$8.38	\$10.07	\$11.93	\$22,350.00
Helpers--extraction workers	47-5081	1590	\$11.37	\$9.30	\$10.42	\$12.41	\$23,650.00

Statewide Wage Data Installation, Maintenance, and Repair Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	4480	\$20.83	\$13.13	\$20.32	\$24.68	\$43,320.00
Computer, automated teller, and office machine repairers	49-2011	2540	\$11.68	\$6.94	\$10.48	\$14.05	\$24,290.00
Radio mechanics	49-2021	40	\$15.59	\$8.72	\$15.25	\$19.02	\$32,420.00
Telecommunications equipment installers and repairers, except line installers	49-2022	6220	\$21.13	\$16.81	\$21.94	\$23.30	\$43,960.00
Avionics technicians	49-2091	950	\$16.14	\$11.66	\$17.00	\$18.39	\$33,580.00
Electric motor, power tool, and related repairers	49-2092	530	\$15.78	\$9.46	\$16.46	\$18.93	\$32,810.00
Electrical and electronics installers and repairers, transportation equipment	49-2093	140	\$17.40	\$11.35	\$16.94	\$20.42	\$36,190.00
Electrical and electronics repairers, commercial and industrial equipment	49-2094	2060	\$15.09	\$10.40	\$14.29	\$17.44	\$31,390.00
Electrical and electronics repairers, powerhouse, substation, and relay	49-2095	390	\$21.29	\$14.72	\$23.34	\$24.57	\$44,270.00
Electronic equipment installers and repairers, motor vehicles	49-2096	250	\$14.63	\$8.37	\$14.89	\$17.75	\$30,420.00
Electronic home entertainment equipment installers and repairers	49-2097	590	\$12.56	\$8.59	\$12.78	\$14.54	\$26,120.00
Security and fire alarm systems installers	49-2098	180	\$12.56	\$7.29	\$11.10	\$15.20	\$26,120.00
All other electrical and electronic equipment mechanics, installers, and repairers	49-2099	260	\$13.04	\$7.91	\$13.70	\$15.60	\$27,120.00
Aircraft mechanics and service technicians	49-3011	5640	\$16.30	\$11.51	\$16.53	\$18.70	\$33,910.00
Automotive body and related repairers	49-3021	2580	\$13.86	\$9.45	\$14.09	\$16.07	\$28,830.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Automotive glass installers and repairers	49-3022	140	\$12.13	\$8.31	\$11.36	\$14.04	\$25,240.00
Automotive service technicians and mechanics	49-3023	8520	\$11.99	\$7.13	\$10.97	\$14.43	\$24,950.00
Bus and truck mechanics and diesel engine specialists	49-3031	3600	\$14.01	\$9.66	\$13.88	\$16.18	\$29,140.00
Farm equipment mechanics	49-3041	570	\$11.12	\$7.08	\$10.23	\$13.15	\$23,140.00
Mobile heavy equipment mechanics, except engines	49-3042	1230	\$14.35	\$10.64	\$13.94	\$16.20	\$29,850.00
Rail car repairers	49-3043	20	\$19.83	\$16.86	\$19.49	\$21.32	\$41,250.00
Motorboat mechanics	49-3051	160	\$10.91	\$7.27	\$10.19	\$12.73	\$22,700.00
Motorcycle mechanics	49-3052	*	\$12.20	\$6.72	\$10.00	\$14.94	\$25,370.00
Outdoor power equipment and other small engine mechanics	49-3053	250	\$11.24	\$7.96	\$10.60	\$12.89	\$23,380.00
Bicycle repairers	49-3091	*	\$7.69	\$5.97	\$6.52	\$8.55	\$15,990.00
Recreational vehicle service technicians	49-3092	160	\$12.05	\$9.17	\$10.97	\$13.49	\$25,060.00
Tire repairers and changers	49-3093	1100	\$8.53	\$7.08	\$8.14	\$9.25	\$17,730.00
All other vehicle and mobile equipment mechanics, installers, and repairers	49-3099	190	\$16.71	\$9.33	\$14.15	\$20.41	\$34,760.00
Other installation, maintenance, and repair occupations	49-9000	1280	\$16.51	\$10.78	\$16.77	\$19.37	\$34,340.00
Mechanical door repairers	49-9011	180	\$12.81	\$8.57	\$11.92	\$14.93	\$26,640.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Control and valve installers and repairers, except mechanical door Heating, air conditioning, and refrigeration mechanics and installers	49-9012	960	\$16.80	\$11.57	\$17.35	\$19.41	\$34,930.00
Home appliance repairers	49-9021	2150	\$14.32	\$9.69	\$13.41	\$16.64	\$29,790.00
Industrial machinery mechanics	49-9031	380	\$14.18	\$9.28	\$13.26	\$16.62	\$29,490.00
Maintenance and repair workers, general	49-9041	2420	\$14.60	\$10.44	\$14.45	\$16.68	\$30,360.00
Maintenance workers, machinery	49-9042	12180	\$11.82	\$8.05	\$10.98	\$13.71	\$24,590.00
Millwrights	49-9043	2430	\$14.28	\$8.49	\$14.24	\$17.18	\$29,710.00
Electrical power-line installers and repairers	49-9044	410	\$16.39	\$10.21	\$16.71	\$19.48	\$34,090.00
Telecommunications line installers and repairers	49-9051	1210	\$18.58	\$13.06	\$18.91	\$21.34	\$38,650.00
Camera and photographic equipment repairers	49-9052	2550	\$17.24	\$10.38	\$17.48	\$20.67	\$35,850.00
Medical equipment repairers	49-9061	*	\$20.38	\$11.17	\$23.03	\$24.99	\$42,390.00
Musical instrument repairers and tuners	49-9062	200	\$17.80	\$11.50	\$18.48	\$20.95	\$37,020.00
Watch repairers	49-9063	40	\$11.95	\$7.86	\$9.66	\$14.00	\$24,870.00
Precision instrument and equipment repairers, all other	49-9064	90	\$9.94	\$5.87	\$7.33	\$11.98	\$20,680.00
Coin, vending, and amusement machine servicers and repairers	49-9069	90	\$18.28	\$13.93	\$17.97	\$20.46	\$38,030.00
Locksmiths and safe repairers	49-9091	380	\$15.11	\$8.06	\$13.21	\$18.64	\$31,430.00
Manufactured building and mobile home installers	49-9094	40	\$12.81	\$11.05	\$12.77	\$13.69	\$26,650.00
Riggers	49-9095	*	\$12.69	\$9.38	\$11.04	\$14.34	\$26,390.00
Helpers--installation, maintenance, and repair workers	49-9096	*	\$19.75	\$14.51	\$20.21	\$22.37	\$41,080.00
	49-9098	2470	\$10.49	\$6.54	\$8.90	\$12.47	\$21,820.00

Statewide Wage Data Production Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of production and operating workers	51-1011	7000	\$18.57	\$12.08	\$17.91	\$21.81	\$38,620.00
Coil winders, tapers, and finishers	51-2021	180	\$10.58	\$8.24	\$10.26	\$11.75	\$22,000.00
Electrical and electronic equipment assemblers	51-2022	2960	\$9.91	\$7.01	\$10.00	\$11.36	\$20,610.00
Electromechanical equipment assemblers	51-2023	2190	\$10.08	\$9.22	\$9.99	\$10.51	\$20,960.00
Engine and other machine assemblers	51-2031	520	\$10.36	\$6.85	\$8.32	\$12.11	\$21,540.00
Structural metal fabricators and fitters	51-2041	1850	\$12.00	\$8.68	\$11.78	\$13.66	\$24,970.00
Fiberglass laminators and fabricators	51-2091	*	\$13.98	\$8.13	\$13.71	\$16.91	\$29,080.00
Team assemblers	51-2092	15560	\$11.29	\$7.16	\$9.60	\$13.35	\$23,470.00
Timing device assemblers, adjusters, and calibrators	51-2093	20	\$9.78	\$7.22	\$9.78	\$11.06	\$20,350.00
Assemblers and fabricators, all other	51-2099	2970	\$11.33	\$7.29	\$10.02	\$13.35	\$23,570.00
Bakers	51-3011	1250	\$8.09	\$6.06	\$7.66	\$9.11	\$16,830.00
Butchers and meat cutters	51-3021	1550	\$10.01	\$7.09	\$9.72	\$11.47	\$20,810.00
Meat, poultry, and fish cutters and trimmers	51-3022	2260	\$9.31	\$7.58	\$8.51	\$10.17	\$19,360.00
Slaughterers and meat packers	51-3023	4340	\$8.74	\$7.55	\$8.76	\$9.33	\$18,170.00
Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091	190	\$10.01	\$7.51	\$8.91	\$11.26	\$20,810.00
Food batchmakers	51-3092	740	\$9.33	\$6.11	\$9.32	\$10.94	\$19,410.00
All other food processing workers	51-3099	460	\$9.70	\$7.07	\$9.68	\$11.01	\$20,170.00
Computer-controlled machine tool operators, metal and plastic	51-4011	1500	\$12.64	\$8.84	\$12.42	\$14.55	\$26,300.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Numerical tool and process control programmers	51-4012	350	\$14.45	\$7.53	\$15.08	\$17.91	\$30,060.00
Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021	800	\$10.99	\$7.47	\$10.85	\$12.75	\$22,850.00
Forging machine setters, operators, and tenders, metal and plastic	51-4022	620	\$10.07	\$7.04	\$9.22	\$11.59	\$20,950.00
Rolling machine setters, operators, and tenders, metal and plastic	51-4023	650	\$9.73	\$7.57	\$8.48	\$10.81	\$20,240.00
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031	4060	\$10.07	\$7.32	\$9.47	\$11.44	\$20,940.00
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	51-4032	450	\$11.92	\$8.87	\$11.89	\$13.45	\$24,800.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033	1340	\$10.68	\$7.51	\$10.00	\$12.27	\$22,220.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034	650	\$11.96	\$8.25	\$11.67	\$13.82	\$24,880.00
Milling and planing machine setters, operators, and tenders, metal and plastic	51-4035	260	\$12.33	\$9.73	\$12.23	\$13.62	\$25,640.00
Machinists	51-4041	5410	\$13.81	\$8.95	\$13.56	\$16.24	\$28,730.00
Metal-refining furnace operators and tenders	51-4051	380	\$10.37	\$8.75	\$10.14	\$11.18	\$21,580.00
Pourers and casters, metal	51-4052	190	\$12.07	\$8.90	\$12.45	\$13.66	\$25,110.00
Model makers, metal and plastic	51-4061	*	\$12.85	\$7.77	\$9.96	\$15.39	\$26,730.00
Patternmakers, metal and plastic	51-4062	80	\$12.19	\$8.34	\$12.56	\$14.12	\$25,360.00
Foundry mold and coremakers	51-4071	290	\$10.31	\$7.54	\$10.03	\$11.69	\$21,440.00
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	51-4072	880	\$9.99	\$6.95	\$9.70	\$11.51	\$20,780.00
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081	1700	\$12.91	\$9.15	\$13.00	\$14.80	\$26,860.00
Tool and die makers	51-4111	680	\$20.57	\$14.86	\$19.82	\$23.42	\$42,770.00
Welders, cutters, solderers, and brazers	51-4121	8380	\$13.10	\$8.92	\$12.27	\$15.19	\$27,240.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Welding, soldering, and brazing machine setters, operators, and tenders	51-4122	1880	\$12.70	\$8.25	\$12.66	\$14.92	\$26,410.00
Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191	380	\$14.08	\$8.27	\$12.61	\$16.99	\$29,290.00
Lay-out workers, metal and plastic	51-4192	220	\$13.93	\$8.64	\$12.87	\$16.58	\$28,970.00
Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193	840	\$10.98	\$7.96	\$10.17	\$12.49	\$22,840.00
Tool grinders, filers, and sharpeners	51-4194	480	\$10.54	\$6.99	\$9.27	\$12.31	\$21,920.00
Metal workers and plastic workers, all other	51-4199	580	\$11.74	\$7.54	\$10.37	\$13.84	\$24,420.00
Bindery workers	51-5011	980	\$8.20	\$5.89	\$7.21	\$9.35	\$17,050.00
Job printers	51-5021	590	\$11.19	\$8.30	\$10.60	\$12.63	\$23,270.00
Prepress technicians and workers	51-5022	810	\$11.66	\$7.57	\$10.79	\$13.70	\$24,250.00
Printing machine operators	51-5023	1730	\$10.95	\$7.26	\$10.46	\$12.80	\$22,780.00
Laundry and dry-cleaning workers	51-6011	3020	\$7.04	\$5.86	\$6.58	\$7.62	\$14,640.00
Pressers, textile, garment, and related materials	51-6021	1040	\$6.57	\$5.89	\$6.42	\$6.92	\$13,670.00
Sewing machine operators	51-6031	4170	\$8.13	\$6.22	\$7.97	\$9.08	\$16,900.00
Shoe and leather workers and repairers	51-6041	70	\$7.03	\$5.94	\$6.69	\$7.57	\$14,620.00
Sewers, hand	51-6051	*	\$8.70	\$7.36	\$8.83	\$9.37	\$18,090.00
Tailors, dressmakers, and custom sewers	51-6052	190	\$9.74	\$7.20	\$9.64	\$11.00	\$20,250.00
Textile cutting machine setters, operators, and tenders	51-6062	280	\$8.53	\$6.53	\$8.37	\$9.53	\$17,740.00
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	51-6091	120	\$11.52	\$9.04	\$11.42	\$12.75	\$23,950.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Fabric and apparel patternmakers	51-6092	80	\$8.76	\$6.20	\$7.84	\$10.05	\$18,230.00
Upholsterers	51-6093	460	\$8.57	\$5.85	\$7.60	\$9.93	\$17,820.00
Textile, apparel, and furnishings workers, all other	51-6099	80	\$9.81	\$6.13	\$9.61	\$11.66	\$20,410.00
Cabinetmakers and bench carpenters	51-7011	1570	\$10.57	\$7.61	\$10.35	\$12.06	\$21,990.00
Furniture finishers	51-7021	200	\$10.41	\$7.41	\$9.90	\$11.91	\$21,650.00
Sawing machine setters, operators, and tenders, wood	51-7041	350	\$12.49	\$7.84	\$11.60	\$14.81	\$25,980.00
Woodworking machine setters, operators, and tenders, except sawing	51-7042	400	\$10.56	\$8.37	\$10.47	\$11.65	\$21,960.00
Woodworkers, all other	51-7099	30	\$10.20	\$7.73	\$9.24	\$11.44	\$21,220.00
Power distributors and dispatchers	51-8012	440	\$16.51	\$9.78	\$15.36	\$19.88	\$34,350.00
Power plant operators	51-8013	270	\$21.75	\$15.66	\$22.78	\$24.80	\$45,240.00
Stationary engineers and boiler operators	51-8021	630	\$17.17	\$12.19	\$16.36	\$19.66	\$35,720.00
Water and liquid waste treatment plant and system operators	51-8031	1410	\$10.90	\$7.33	\$10.23	\$12.68	\$22,670.00
Chemical plant and system operators	51-8091	830	\$18.56	\$14.36	\$18.33	\$20.67	\$38,610.00
Gas plant operators	51-8092	520	\$16.23	\$7.81	\$16.15	\$20.45	\$33,770.00
Petroleum pump system operators, refinery operators, and gaugers	51-8093	1460	\$16.95	\$8.92	\$16.84	\$20.96	\$35,250.00
Plant and system operators, all other	51-8099	290	\$19.70	\$12.91	\$18.07	\$23.10	\$40,980.00
Chemical equipment operators and tenders	51-9011	320	\$14.66	\$11.79	\$14.73	\$16.09	\$30,490.00
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	51-9012	380	\$13.71	\$9.24	\$13.96	\$15.94	\$28,520.00
Crushing, grinding, and polishing machine setters, operators, and tenders	51-9021	540	\$9.59	\$7.79	\$9.40	\$10.49	\$19,950.00
Grinding and polishing workers, hand	51-9022	330	\$11.44	\$8.06	\$10.27	\$13.12	\$23,790.00
Mixing and blending machine setters, operators, and tenders	51-9023	1010	\$12.83	\$8.64	\$12.23	\$14.93	\$26,690.00
Cutters and trimmers, hand	51-9031	320	\$10.34	\$6.59	\$9.20	\$12.21	\$21,500.00
Cutting and slicing machine setters, operators, and tenders	51-9032	640	\$10.39	\$7.18	\$10.23	\$12.00	\$21,620.00
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041	1050	\$11.44	\$7.83	\$10.32	\$13.24	\$23,790.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051	430	\$12.72	\$7.94	\$12.29	\$15.10	\$26,450.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	7840	\$15.58	\$10.01	\$16.35	\$18.36	\$32,400.00
Jewelers and precious stone and metal workers	51-9071	260	\$13.63	\$8.58	\$14.05	\$16.15	\$28,350.00
Dental laboratory technicians	51-9081	290	\$12.32	\$9.05	\$12.44	\$13.95	\$25,620.00
Medical appliance technicians	51-9082	110	\$13.85	\$9.14	\$13.01	\$16.21	\$28,820.00
Ophthalmic laboratory technicians	51-9083	*	\$9.57	\$8.73	\$9.59	\$9.99	\$19,910.00
Packaging and filling machine operators and tenders	51-9111	3280	\$9.01	\$6.49	\$8.53	\$10.26	\$18,730.00
Coating, painting, and spraying machine setters, operators, and tenders	51-9121	1360	\$11.91	\$7.81	\$12.09	\$13.96	\$24,770.00
Painters, transportation equipment	51-9122	1160	\$12.61	\$9.27	\$11.87	\$14.28	\$26,220.00
Painting, coating, and decorating workers	51-9123	450	\$10.74	\$6.96	\$9.46	\$12.63	\$22,340.00
Photographic process workers	51-9131	*	\$9.40	\$7.80	\$9.33	\$10.20	\$19,560.00
Photographic processing machine operators	51-9132	760	\$7.25	\$5.88	\$6.99	\$7.93	\$15,080.00
Cleaning, washing, and metal pickling equipment operators and tenders	51-9192	290	\$8.83	\$7.32	\$8.46	\$9.59	\$18,370.00
Cooling and freezing equipment operators and tenders	51-9193	120	\$10.56	\$8.20	\$9.98	\$11.75	\$21,970.00
Etchers and engravers	51-9194	110	\$9.53	\$6.38	\$8.29	\$11.11	\$19,830.00
Molders, shapers, and casters, except metal and plastic	51-9195	460	\$10.29	\$7.84	\$9.90	\$11.51	\$21,400.00
Paper goods machine setters, operators, and tenders	51-9196	1100	\$12.58	\$8.10	\$12.09	\$14.83	\$26,170.00
Helpers--production workers	51-9198	8630	\$8.19	\$5.97	\$7.31	\$9.30	\$17,040.00
Production workers, all other	51-9199	8010	\$20.87	\$12.66	\$24.00	\$24.97	\$43,400.00

Statewide Wage Data Transportation and Material Moving Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Aircraft cargo handling supervisors	53-1011	110	\$14.19	\$10.85	\$13.64	\$15.86	\$29,520.00
First-line supervisors/managers of helpers, laborers, and material movers, hand	53-1021	1340	\$15.83	\$10.07	\$14.95	\$18.72	\$32,930.00
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	53-1031	1970	\$20.05	\$10.85	\$19.63	\$24.65	\$41,700.00
Airline pilots, copilots, and flight engineers	53-2011	2420	*	*	*	*	\$102,440.00
Commercial pilots	53-2012	210	*	*	*	*	\$51,710.00
Air traffic controllers	53-2021	390	\$28.91	\$18.78	\$28.51	\$33.98	\$60,140.00
Airfield operations specialists	53-2022	90	\$21.96	\$11.05	\$23.14	\$27.42	\$45,680.00
All other air transportation workers	53-2099	70	\$12.13	\$6.23	\$12.51	\$15.09	\$25,240.00
Ambulance drivers and attendants, except emergency medical technicians	53-3011	100	\$6.62	\$5.89	\$6.28	\$6.99	\$13,780.00
Bus drivers, transit and intercity	53-3021	1420	\$10.92	\$6.42	\$11.64	\$13.17	\$22,710.00
Bus drivers, school	53-3022	5980	\$7.31	\$5.88	\$6.64	\$8.03	\$15,210.00
Driver/sales workers	53-3031	3800	\$11.47	\$7.87	\$11.20	\$13.26	\$23,850.00
Truck drivers, heavy and tractor-trailer	53-3032	24200	\$14.25	\$8.90	\$12.94	\$16.92	\$29,640.00
Truck drivers, light or delivery services	53-3033	12680	\$9.30	\$6.21	\$8.23	\$10.84	\$19,340.00
Taxi drivers and chauffeurs	53-3041	700	\$7.44	\$5.86	\$7.27	\$8.22	\$15,470.00
Motor vehicle operators, all other	53-3099	1540	\$9.08	\$5.90	\$7.74	\$10.67	\$18,890.00
Rail transportation workers	53-4000	*	\$21.62	\$17.80	\$21.18	\$23.54	\$44,980.00
Railroad brake, signal, and switch operators	53-4021	100	\$12.16	\$7.91	\$9.94	\$14.28	\$25,280.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Railroad conductors and yardmasters	53-4031	*	\$21.17	\$16.78	\$20.34	\$23.36	\$44,030.00
Water transportation workers	53-5000	*	\$14.16	\$6.23	\$9.84	\$18.13	\$29,450.00
Bridge and lock tenders	53-6011	30	\$18.87	\$18.56	\$19.16	\$19.03	\$39,260.00
Parking lot attendants	53-6021	720	\$7.07	\$5.90	\$6.76	\$7.65	\$14,700.00
Service station attendants	53-6031	1350	\$7.07	\$5.89	\$6.63	\$7.67	\$14,710.00
Traffic technicians	53-6041	80	\$12.29	\$7.84	\$10.63	\$14.52	\$25,570.00
Transportation inspectors	53-6051	1240	\$17.51	\$11.13	\$15.53	\$20.70	\$36,420.00
Transportation workers, all other	53-6099	250	\$14.47	\$7.07	\$9.36	\$18.16	\$30,090.00
Material moving workers	53-7000	1400	\$9.71	\$5.96	\$8.85	\$11.59	\$20,210.00
Conveyor operators and tenders	53-7011	400	\$10.52	\$6.91	\$10.11	\$12.32	\$21,880.00
Crane and tower operators	53-7021	590	\$16.30	\$11.93	\$15.86	\$18.49	\$33,910.00
Excavating and loading machine and dragline operators	53-7032	1260	\$11.95	\$9.26	\$11.67	\$13.29	\$24,850.00
Hoist and winch operators	53-7041	160	\$12.98	\$8.66	\$11.73	\$15.14	\$27,000.00
Industrial truck and tractor operators	53-7051	4900	\$11.11	\$8.17	\$10.27	\$12.57	\$23,100.00
Cleaners of vehicles and equipment	53-7061	4270	\$8.06	\$5.88	\$7.14	\$9.15	\$16,770.00
Laborers and freight, stock, and material movers, hand	53-7062	22830	\$8.80	\$6.17	\$7.91	\$10.11	\$18,300.00
Machine feeders and offbearers	53-7063	890	\$9.55	\$6.92	\$8.82	\$10.86	\$19,860.00
Packers and packagers, hand	53-7064	5710	\$7.54	\$5.86	\$7.09	\$8.38	\$15,680.00
Gas compressor and gas pumping station operators	53-7071	330	\$18.67	\$11.15	\$20.59	\$22.43	\$38,840.00
Pump operators, except wellhead pumpers	53-7072	570	\$9.44	\$5.82	\$7.70	\$11.25	\$19,640.00
Wellhead pumpers	53-7073	830	\$18.42	\$11.92	\$19.57	\$21.66	\$38,310.00
Refuse and recyclable material collectors	53-7081	3460	\$7.68	\$5.98	\$6.74	\$8.53	\$15,970.00
Tank car, truck, and ship loaders	53-7121	230	\$10.47	\$7.73	\$10.12	\$11.84	\$21,780.00

Alphabetical Listing of Occupational Wage Data

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Accountants and auditors	13-2011	9760	\$18.64	\$12.41	\$17.12	\$21.76	\$38,770.00
Actors	27-2011	580	*	*	*	*	\$18,350.00
Actuaries	15-2011	60	\$20.59	\$9.04	\$14.69	\$26.37	\$42,830.00
Administrative law judges, adjudicators, and hearing officers	23-1021	110	\$30.70	\$15.11	\$27.72	\$38.49	\$63,850.00
Administrative services managers	11-3011	6990	\$18.58	\$9.62	\$16.56	\$23.06	\$38,650.00
Adult literacy, remedial education, and GED teachers and instructors	25-3011	830	\$13.84	\$8.97	\$13.89	\$16.28	\$28,800.00
Advertising and promotions managers	11-2011	850	\$21.38	\$12.31	\$20.34	\$25.91	\$44,460.00
Advertising sales agents	41-3011	1460	\$16.03	\$7.29	\$12.47	\$20.41	\$33,350.00
Aerospace engineering and operations technicians	17-3021	340	\$20.91	\$14.48	\$21.81	\$24.12	\$43,480.00
Aerospace engineers	17-2011	990	\$27.76	\$22.84	\$26.46	\$30.22	\$57,750.00
Agents and business managers of artists, performers, and athletes	13-1011	*	\$20.92	\$12.64	\$22.64	\$25.07	\$43,520.00
Agricultural and food science technicians	19-4011	80	\$12.92	\$9.94	\$12.69	\$14.40	\$26,860.00
Agricultural and food scientists	19-1010	130	\$24.14	\$16.22	\$24.34	\$28.10	\$50,210.00
Agricultural engineers	17-2021	*	\$28.16	\$23.34	\$27.10	\$30.57	\$58,570.00
Agricultural equipment operators	45-2091	80	\$8.38	\$6.85	\$7.99	\$9.15	\$17,430.00
Agricultural inspectors	45-2011	320	\$11.97	\$9.27	\$11.95	\$13.32	\$24,900.00
Air traffic controllers	53-2021	390	\$28.91	\$18.78	\$28.51	\$33.98	\$60,140.00
Aircraft cargo handling supervisors	53-1011	110	\$14.19	\$10.85	\$13.64	\$15.86	\$29,520.00
Aircraft mechanics and service technicians	49-3011	5640	\$16.30	\$11.51	\$16.53	\$18.70	\$33,910.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Airfield operations specialists	53-2022	90	\$21.96	\$11.05	\$23.14	\$27.42	\$45,680.00
Airline pilots, copilots, and flight engineers	53-2011	2420	*	*	*	*	\$102,440.00
All other air transportation workers	53-2099	70	\$12.13	\$6.23	\$12.51	\$15.09	\$25,240.00
All other architects, surveyors, and cartographers	17-1099	*	\$11.74	\$9.91	\$10.91	\$12.66	\$24,430.00
All other art and design workers	27-1099	180	\$12.36	\$6.08	\$9.78	\$15.49	\$25,700.00
All other building and grounds cleaning and maintenance workers	37-9099	1030	\$9.25	\$6.88	\$8.30	\$10.43	\$19,230.00
All other counselors, social and religious workers	21-9099	420	\$13.74	\$9.36	\$12.54	\$15.93	\$28,590.00
All other drafters, engineering, and mapping technicians	17-3099	1210	\$18.84	\$13.02	\$17.32	\$21.75	\$39,190.00
All other electrical and electronic equipment mechanics, installers, and repairers	49-2099	260	\$13.04	\$7.91	\$13.70	\$15.60	\$27,120.00
All other financial, information, and record clerks	43-4999	1610	\$12.72	\$8.11	\$10.69	\$15.03	\$26,460.00
All other food processing workers	51-3099	460	\$9.70	\$7.07	\$9.68	\$11.01	\$20,170.00
All other gaming workers	39-3199	320	\$6.82	\$5.97	\$6.82	\$7.24	\$14,180.00
All other legal and related workers	23-9099	510	\$18.25	\$13.38	\$18.51	\$20.68	\$37,950.00
All other material recording, scheduling, dispatching, and distributing workers	43-5199	210	\$12.34	\$7.94	\$11.88	\$14.54	\$25,670.00
All other secretaries, administrative assistants, and other office support workers	43-9999	5630	\$12.75	\$6.99	\$11.72	\$15.63	\$26,520.00
All other teachers, primary, secondary, and adult	25-3999	2780	*	*	*	*	\$18,070.00
All other vehicle and mobile equipment mechanics, installers, and repairers	49-3099	190	\$16.71	\$9.33	\$14.15	\$20.41	\$34,760.00
Ambulance drivers and attendants, except emergency medical technicians	53-3011	100	\$6.62	\$5.89	\$6.28	\$6.99	\$13,780.00
Amusement and recreation attendants	39-3091	910	\$6.97	\$5.90	\$6.45	\$7.50	\$14,490.00
Animal control workers	33-9011	100	\$10.55	\$6.56	\$10.06	\$12.55	\$21,950.00
Animal trainers	39-2011	*	\$11.93	\$6.02	\$10.01	\$14.88	\$24,810.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Announcers	27-3010	770	\$7.93	\$5.96	\$7.42	\$8.91	\$16,490.00
Appraisers and assessors of real estate	13-2021	580	\$14.00	\$8.76	\$11.83	\$16.62	\$29,120.00
Arbitrators, mediators, and conciliators	23-1022	20	\$17.39	\$6.55	\$14.51	\$22.80	\$36,160.00
Architects, except landscape and naval	17-1011	270	\$26.46	\$22.40	\$25.35	\$28.48	\$55,030.00
Architectural and civil drafters	17-3011	450	\$17.68	\$12.32	\$16.50	\$20.37	\$36,780.00
Archivists, curators, and museum technicians	25-4010	100	\$14.02	\$8.55	\$12.40	\$16.75	\$29,150.00
Art directors	27-1011	170	\$20.00	\$13.35	\$17.30	\$23.33	\$41,600.00
Assemblers and fabricators, all other	51-2099	2970	\$11.33	\$7.29	\$10.02	\$13.35	\$23,570.00
Athletes and sports competitors	27-2021	60	*	*	*	*	\$51,590.00
Athletic trainers	29-9091	130	*	*	*	*	\$27,400.00
Atmospheric and space scientists	19-2021	130	\$32.37	\$22.53	\$30.94	\$37.29	\$67,330.00
Audio and video equipment technicians	27-4011	300	\$11.17	\$7.15	\$10.35	\$13.17	\$23,220.00
Audiologists	29-1121	*	\$20.87	\$15.48	\$19.55	\$23.56	\$43,400.00
Audio-visual collections specialists	25-9011	80	\$14.53	\$8.35	\$13.99	\$17.62	\$30,220.00
Automotive body and related repairers	49-3021	2580	\$13.86	\$9.45	\$14.09	\$16.07	\$28,830.00
Automotive glass installers and repairers	49-3022	140	\$12.13	\$8.31	\$11.36	\$14.04	\$25,240.00
Automotive service technicians and mechanics	49-3023	8520	\$11.99	\$7.13	\$10.97	\$14.43	\$24,950.00
Avionics technicians	49-2091	950	\$16.14	\$11.66	\$17.00	\$18.39	\$33,580.00
Baggage porters and bellhops	39-6011	260	\$6.07	\$5.93	\$6.18	\$6.14	\$12,630.00
Bailiffs	33-3011	40	\$13.39	\$8.71	\$13.88	\$15.73	\$27,850.00
Bakers	51-3011	1250	\$8.09	\$6.06	\$7.66	\$9.11	\$16,830.00
Barbers	39-5011	240	\$8.93	\$6.75	\$8.11	\$10.02	\$18,580.00
Bartenders	35-3011	1890	\$6.90	\$5.90	\$6.58	\$7.40	\$14,350.00
Bicycle repairers	49-3091	*	\$7.69	\$5.97	\$6.52	\$8.55	\$15,990.00
Bill and account collectors	43-3011	3470	\$11.68	\$8.36	\$10.82	\$13.34	\$24,300.00
Billing and posting clerks and machine operators	43-3021	5120	\$10.41	\$7.86	\$9.84	\$11.68	\$21,640.00
Bindery workers	51-5011	980	\$8.20	\$5.89	\$7.21	\$9.35	\$17,050.00
Biological technicians	19-4021	370	\$13.21	\$8.75	\$12.60	\$15.44	\$27,470.00
Biomedical engineers	17-2031	*	\$35.04	\$18.60	\$30.91	\$43.26	\$72,880.00
Boilermakers	47-2011	410	\$10.51	\$7.71	\$9.60	\$11.91	\$21,850.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Bookkeeping, accounting, and auditing clerks	43-3031	18700	\$11.18	\$7.79	\$10.53	\$12.88	\$23,260.00
Brickmasons and blockmasons	47-2021	510	\$16.81	\$10.05	\$18.26	\$20.20	\$34,970.00
Bridge and lock tenders	53-6011	30	\$18.87	\$18.56	\$19.16	\$19.03	\$39,260.00
Broadcast technicians	27-4012	210	\$13.32	\$7.48	\$11.94	\$16.24	\$27,700.00
Brokerage clerks	43-4011	330	\$11.81	\$8.54	\$11.81	\$13.44	\$24,560.00
Budget analysts	13-2031	640	\$19.89	\$12.89	\$19.32	\$23.39	\$41,380.00
Bus and truck mechanics and diesel engine specialists	49-3031	3600	\$14.01	\$9.66	\$13.88	\$16.18	\$29,140.00
Bus drivers, school	53-3022	5980	\$7.31	\$5.88	\$6.64	\$8.03	\$15,210.00
Bus drivers, transit and intercity	53-3021	1420	\$10.92	\$6.42	\$11.64	\$13.17	\$22,710.00
Business operations specialists, all other	13-1199	6520	\$22.53	\$14.36	\$22.11	\$26.62	\$46,870.00
Butchers and meat cutters	51-3021	1550	\$10.01	\$7.09	\$9.72	\$11.47	\$20,810.00
Cabinetmakers and bench carpenters	51-7011	1570	\$10.57	\$7.61	\$10.35	\$12.06	\$21,990.00
Camera and photographic equipment repairers	49-9061	*	\$20.38	\$11.17	\$23.03	\$24.99	\$42,390.00
Camera operators, television, video, and motion picture	27-4031	260	\$11.18	\$7.69	\$9.95	\$12.93	\$23,260.00
Cardiovascular technologists and technicians	29-2031	360	\$13.48	\$8.79	\$11.96	\$15.82	\$28,030.00
Cargo and freight agents	43-5011	410	\$12.84	\$8.71	\$11.77	\$14.91	\$26,710.00
Carpenters	47-2031	5550	\$11.97	\$8.25	\$11.35	\$13.83	\$24,900.00
Carpet installers	47-2041	70	\$12.71	\$8.50	\$10.97	\$14.81	\$26,430.00
Cartographers and photogrammetrists	17-1021	60	\$20.60	\$14.27	\$20.13	\$23.77	\$42,860.00
Cashiers	41-2011	40900	\$6.53	\$5.86	\$6.31	\$6.87	\$13,590.00
Cement masons and concrete finishers	47-2051	2450	\$11.57	\$8.06	\$11.10	\$13.32	\$24,060.00
Chefs and head cooks	35-1011	1660	\$10.38	\$6.63	\$9.28	\$12.26	\$21,590.00
Chemical engineers	17-2041	280	\$35.60	\$26.37	\$35.40	\$40.21	\$74,050.00
Chemical equipment operators and tenders	51-9011	320	\$14.66	\$11.79	\$14.73	\$16.09	\$30,490.00
Chemical plant and system operators	51-8091	830	\$18.56	\$14.36	\$18.33	\$20.67	\$38,610.00
Chemical technicians	19-4031	480	\$18.15	\$12.12	\$17.73	\$21.17	\$37,760.00
Chemists	19-2031	400	\$29.08	\$16.22	\$26.99	\$35.51	\$60,490.00
Chief executives	11-1011	7000	\$40.37	\$17.40	\$38.40	\$51.85	\$83,970.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Child care workers	39-9011	4290	\$6.52	\$5.88	\$6.36	\$6.84	\$13,570.00
Child, family, and school social workers	21-1021	6740	\$12.42	\$10.41	\$12.26	\$13.42	\$25,830.00
Choreographers	27-2032	150	\$11.58	\$6.24	\$10.91	\$14.25	\$24,090.00
Civil engineering technicians	17-3022	410	\$17.90	\$13.35	\$17.16	\$20.18	\$37,240.00
Civil engineers	17-2051	1040	\$25.13	\$17.56	\$23.98	\$28.92	\$52,280.00
Claims adjusters, examiners, and investigators	13-1031	2870	\$21.21	\$13.30	\$20.12	\$25.17	\$44,130.00
Cleaners of vehicles and equipment	53-7061	4270	\$8.06	\$5.88	\$7.14	\$9.15	\$16,770.00
Cleaning, washing, and metal pickling equipment operators and tenders	51-9192	290	\$8.83	\$7.32	\$8.46	\$9.59	\$18,370.00
Clergy	21-2011	200	\$15.61	\$10.89	\$14.93	\$17.98	\$32,480.00
Coaches and scouts	27-2022	820	*	*	*	*	\$34,790.00
Coating, painting, and spraying machine setters, operators, and tenders	51-9121	1360	\$11.91	\$7.81	\$12.09	\$13.96	\$24,770.00
Coil winders, tapers, and finishers	51-2021	180	\$10.58	\$8.24	\$10.26	\$11.75	\$22,000.00
Coin, vending, and amusement machine servicers and repairers	49-9091	380	\$15.11	\$8.06	\$13.21	\$18.64	\$31,430.00
Combined food preparation and serving workers, including fast food	35-3021	26040	\$6.44	\$5.85	\$6.34	\$6.73	\$13,390.00
Commercial and industrial designers	27-1021	240	\$18.73	\$11.44	\$17.88	\$22.38	\$38,960.00
Commercial pilots	53-2012	210	*	*	*	*	\$51,710.00
Communications equipment operators, all other	43-2099	*	\$12.06	\$8.25	\$10.51	\$13.97	\$25,090.00
Compensation, benefits, and job analysis specialists	13-1072	580	\$17.05	\$11.17	\$15.51	\$20.00	\$35,470.00
Compliance officers, except agriculture, construction, health and safety, and transportation	13-1041	1210	\$21.00	\$13.32	\$18.16	\$24.84	\$43,680.00
Computer and information scientists, research	15-1011	110	\$25.23	\$19.01	\$25.18	\$28.34	\$52,480.00
Computer and information systems managers	11-3021	1960	\$29.76	\$16.95	\$27.91	\$36.16	\$61,890.00
Computer hardware engineers	17-2061	200	\$31.23	\$19.57	\$31.11	\$37.06	\$64,960.00
Computer operators	43-9011	2620	\$10.98	\$7.11	\$9.93	\$12.92	\$22,840.00
Computer programmers	15-1021	3620	\$23.88	\$14.82	\$23.05	\$28.41	\$49,670.00
Computer software engineers, applications	15-1031	1640	\$27.67	\$19.44	\$29.12	\$31.79	\$57,560.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer software engineers, systems software	15-1032	720	\$26.30	\$17.43	\$26.08	\$30.73	\$54,700.00
Computer specialists, all other	15-1099	780	\$22.29	\$10.03	\$22.92	\$28.43	\$46,370.00
Computer support specialists	15-1041	6220	\$12.51	\$7.78	\$10.91	\$14.87	\$26,010.00
Computer systems analysts	15-1051	3290	\$23.61	\$15.89	\$22.89	\$27.47	\$49,110.00
Computer, automated teller, and office machine repairers	49-2011	2540	\$11.68	\$6.94	\$10.48	\$14.05	\$24,290.00
Computer-controlled machine tool operators, metal and plastic	51-4011	1500	\$12.64	\$8.84	\$12.42	\$14.55	\$26,300.00
Concierges	39-6012	30	\$7.92	\$6.84	\$7.80	\$8.47	\$16,480.00
Conservation scientists	19-1031	190	\$20.99	\$13.87	\$21.69	\$24.55	\$43,660.00
Construction and building inspectors	47-4011	550	\$16.08	\$11.63	\$15.83	\$18.31	\$33,450.00
Construction laborers	47-2061	8820	\$9.99	\$7.56	\$9.60	\$11.20	\$20,770.00
Construction managers	11-9021	1660	\$23.44	\$14.75	\$21.50	\$27.79	\$48,760.00
Continuous mining machine operators	47-5041	*	\$13.88	\$9.72	\$12.86	\$15.95	\$28,860.00
Control and valve installers and repairers, except mechanical door	49-9012	960	\$16.80	\$11.57	\$17.35	\$19.41	\$34,930.00
Conveyor operators and tenders	53-7011	400	\$10.52	\$6.91	\$10.11	\$12.32	\$21,880.00
Cooks, fast food	35-2011	8240	\$6.77	\$5.86	\$6.46	\$7.23	\$14,090.00
Cooks, institution and cafeteria	35-2012	10110	\$7.12	\$5.89	\$6.76	\$7.73	\$14,800.00
Cooks, restaurant	35-2014	6060	\$7.35	\$5.87	\$7.28	\$8.09	\$15,280.00
Cooks, short order	35-2015	6250	\$6.80	\$5.84	\$6.41	\$7.29	\$14,150.00
Cooling and freezing equipment operators and tenders	51-9193	120	\$10.56	\$8.20	\$9.98	\$11.75	\$21,970.00
Correctional officers and jailers	33-3012	6800	\$10.71	\$8.10	\$10.01	\$12.01	\$22,270.00
Correspondence clerks	43-4021	270	\$10.16	\$7.68	\$9.74	\$11.40	\$21,130.00
Cost estimators	13-1051	1560	\$20.15	\$12.86	\$19.33	\$23.79	\$41,910.00
Counter and rental clerks	41-2021	4170	\$7.79	\$5.88	\$7.05	\$8.75	\$16,210.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	5270	\$6.30	\$5.85	\$6.16	\$6.53	\$13,100.00
Couriers and messengers	43-5021	950	\$8.55	\$6.06	\$7.63	\$9.80	\$17,790.00
Court reporters	23-2091	*	\$18.74	\$9.87	\$22.87	\$23.18	\$38,980.00
Court, municipal, and license clerks	43-4031	940	\$10.50	\$7.89	\$10.20	\$11.81	\$21,840.00
Crane and tower operators	53-7021	590	\$16.30	\$11.93	\$15.86	\$18.49	\$33,910.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Credit analysts	13-2041	660	\$16.50	\$11.29	\$14.53	\$19.11	\$34,330.00
Credit authorizers, checkers, and clerks	43-4041	1320	\$10.89	\$6.87	\$9.68	\$12.90	\$22,650.00
Crossing guards	33-9091	420	\$9.84	\$5.98	\$11.32	\$11.76	\$20,460.00
Crushing, grinding, and polishing machine setters, operators, and tenders	51-9021	540	\$9.59	\$7.79	\$9.40	\$10.49	\$19,950.00
Customer service representatives	43-4051	21890	\$11.19	\$7.97	\$10.46	\$12.80	\$23,280.00
Cutters and trimmers, hand	51-9031	320	\$10.34	\$6.59	\$9.20	\$12.21	\$21,500.00
Cutting and slicing machine setters, operators, and tenders	51-9032	640	\$10.39	\$7.18	\$10.23	\$12.00	\$21,620.00
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031	4060	\$10.07	\$7.32	\$9.47	\$11.44	\$20,940.00
Dancers	27-2031	20	\$9.02	\$5.84	\$9.28	\$10.61	\$18,760.00
Data entry keyers	43-9021	4590	\$9.40	\$7.08	\$9.02	\$10.56	\$19,540.00
Database administrators	15-1061	870	\$21.82	\$12.73	\$20.01	\$26.37	\$45,390.00
Demonstrators and product promoters	41-9011	760	\$11.65	\$7.39	\$9.94	\$13.77	\$24,220.00
Dental assistants	31-9091	3030	\$11.13	\$8.46	\$11.05	\$12.47	\$23,150.00
Dental hygienists	29-2021	1250	\$22.89	\$20.18	\$24.06	\$24.24	\$47,600.00
Dental laboratory technicians	51-9081	290	\$12.32	\$9.05	\$12.44	\$13.95	\$25,620.00
Dentists	29-1020	1310	\$51.51	\$25.09	\$61.15	\$64.72	\$107,140.00
Derrick operators, oil and gas	47-5011	2840	\$11.36	\$9.45	\$10.74	\$12.32	\$23,640.00
Desktop publishers	43-9031	140	\$11.44	\$6.35	\$11.61	\$13.99	\$23,800.00
Detectives and criminal investigators	33-3021	1320	\$20.59	\$13.95	\$20.36	\$23.91	\$42,830.00
Diagnostic medical sonographers	29-2032	300	\$22.29	\$17.33	\$22.36	\$24.78	\$46,370.00
Dietetic technicians	29-2051	530	\$7.63	\$6.08	\$7.53	\$8.41	\$15,870.00
Dietitians and nutritionists	29-1031	640	\$15.77	\$7.64	\$15.12	\$19.84	\$32,810.00
Dining room and cafeteria attendants and bartender helpers	35-9011	2550	\$6.27	\$5.88	\$6.25	\$6.46	\$13,030.00
Directors, religious activities and education	21-2021	40	\$17.25	\$10.51	\$17.58	\$20.62	\$35,890.00
Dishwashers	35-9021	5710	\$6.23	\$5.86	\$6.20	\$6.41	\$12,950.00
Dispatchers, except police, fire, and ambulance	43-5032	2400	\$12.61	\$8.39	\$10.72	\$14.72	\$26,230.00
Door-to-door sales workers, news and street vendors, and related workers	41-9091	180	\$17.24	\$7.32	\$13.95	\$22.19	\$35,850.00

Average Hourly Range

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	51-4032	450	\$11.92	\$8.87	\$11.89	\$13.45	\$24,800.00
Driver/sales workers	53-3031	3800	\$11.47	\$7.87	\$11.20	\$13.26	\$23,850.00
Drywall and ceiling tile installers	47-2081	910	\$13.35	\$10.12	\$13.63	\$14.97	\$27,770.00
Earth drillers, except oil and gas	47-5021	720	\$11.29	\$8.12	\$10.64	\$12.88	\$23,490.00
Economists	19-3011	30	\$36.05	\$26.00	\$34.52	\$41.08	\$74,980.00
Editors	27-3041	980	\$13.06	\$8.11	\$11.92	\$15.53	\$27,160.00
Educational, vocational, and school counselors	21-1012	3600	\$16.16	\$10.85	\$15.87	\$18.82	\$33,620.00
Electric motor, power tool, and related repairers	49-2092	530	\$15.78	\$9.46	\$16.46	\$18.93	\$32,810.00
Electrical and electronic engineering technicians	17-3023	2520	\$19.89	\$14.57	\$19.54	\$22.54	\$41,360.00
Electrical and electronic equipment assemblers	51-2022	2960	\$9.91	\$7.01	\$10.00	\$11.36	\$20,610.00
Electrical and electronics drafters	17-3012	680	\$16.83	\$10.73	\$15.15	\$19.88	\$35,010.00
Electrical and electronics installers and repairers, transportation equipment	49-2093	140	\$17.40	\$11.35	\$16.94	\$20.42	\$36,190.00
Electrical and electronics repairers, commercial and industrial equipment	49-2094	2060	\$15.09	\$10.40	\$14.29	\$17.44	\$31,390.00
Electrical and electronics repairers, powerhouse, substation, and relay	49-2095	390	\$21.29	\$14.72	\$23.34	\$24.57	\$44,270.00
Electrical engineers	17-2071	1010	\$26.35	\$17.40	\$26.28	\$30.82	\$54,800.00
Electrical power-line installers and repairers	49-9051	1210	\$18.58	\$13.06	\$18.91	\$21.34	\$38,650.00
Electricians	47-2111	5670	\$16.89	\$11.51	\$16.35	\$19.58	\$35,130.00
Electromechanical equipment assemblers	51-2023	2190	\$10.08	\$9.22	\$9.99	\$10.51	\$20,960.00
Electro-mechanical technicians	17-3024	390	\$22.28	\$12.94	\$21.46	\$26.95	\$46,350.00
Electronic equipment installers and repairers, motor vehicles	49-2096	250	\$14.63	\$8.37	\$14.89	\$17.75	\$30,420.00
Electronic home entertainment equipment installers and repairers	49-2097	590	\$12.56	\$8.59	\$12.78	\$14.54	\$26,120.00
Electronics engineers, except computer	17-2072	1570	\$28.07	\$20.61	\$28.77	\$31.80	\$58,390.00
Elementary school teachers, except special education	25-2021	19110	*	*	*	*	\$31,120.00
Elevator installers and repairers	47-4021	*	\$20.56	\$18.30	\$20.31	\$21.70	\$42,770.00
Eligibility interviewers, government programs	43-4061	1710	\$11.75	\$11.04	\$11.99	\$12.11	\$24,440.00
				Average Hourly Range			

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Embalmers	39-4011	*	\$10.06	\$9.43	\$9.77	\$10.37	\$20,920.00
Emergency management specialists	13-1061	200	\$15.87	\$8.55	\$13.18	\$19.53	\$33,020.00
Emergency medical technicians and paramedics	29-2041	2430	\$9.42	\$6.56	\$9.09	\$10.84	\$19,580.00
Employment, recruitment, and placement specialists	13-1071	1920	\$15.65	\$10.42	\$14.68	\$18.26	\$32,550.00
Engine and other machine assemblers	51-2031	520	\$10.36	\$6.85	\$8.32	\$12.11	\$21,540.00
Engineering managers	11-9041	1990	\$36.57	\$24.45	\$36.14	\$42.62	\$76,060.00
Engineers, all other	17-2199	640	\$29.86	\$19.08	\$30.68	\$35.25	\$62,110.00
Entertainers and performers, sports and related workers, all other	27-2099	150	*	*	*	*	\$21,230.00
Entertainment attendants and related workers	39-3000	320	\$9.11	\$6.15	\$8.38	\$10.59	\$18,940.00
Environmental engineering technicians	17-3025	200	\$14.00	\$9.44	\$12.60	\$16.28	\$29,110.00
Environmental engineers	17-2081	260	\$25.68	\$17.33	\$25.09	\$29.86	\$53,410.00
Environmental science and protection technicians, including health	19-4091	280	\$13.26	\$9.29	\$10.43	\$15.25	\$27,590.00
Environmental scientists and specialists, including health	19-2041	1000	\$18.46	\$14.21	\$16.19	\$20.59	\$38,400.00
Etchers and engravers	51-9194	110	\$9.53	\$6.38	\$8.29	\$11.11	\$19,830.00
Excavating and loading machine and dragline operators	53-7032	1260	\$11.95	\$9.26	\$11.67	\$13.29	\$24,850.00
Executive secretaries and administrative assistants	43-6011	13040	\$12.65	\$8.92	\$12.18	\$14.52	\$26,320.00
Explosives workers, ordnance handling experts, and blasters	47-5031	200	\$14.83	\$11.56	\$14.57	\$16.47	\$30,850.00
Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021	800	\$10.99	\$7.47	\$10.85	\$12.75	\$22,850.00
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	51-6091	120	\$11.52	\$9.04	\$11.42	\$12.75	\$23,950.00
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041	1050	\$11.44	\$7.83	\$10.32	\$13.24	\$23,790.00
Fabric and apparel patternmakers	51-6092	80	\$8.76	\$6.20	\$7.84	\$10.05	\$18,230.00
Fallers	45-4021	30	\$17.70	\$14.30	\$18.35	\$19.40	\$36,810.00
Farm and home management advisors	25-9021	160	\$14.87	\$9.98	\$14.70	\$17.31	\$30,930.00
Farm equipment mechanics	49-3041	570	\$11.12	\$7.08	\$10.23	\$13.15	\$23,140.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Farm, ranch, and other agricultural managers	11-9011	50	\$21.85	\$11.18	\$21.29	\$27.18	\$45,440.00
Farmworkers and laborers, crop, nursery, and greenhouse	45-2092	340	\$7.20	\$5.89	\$6.95	\$7.85	\$14,970.00
Farmworkers, farm and ranch animals	45-2093	1310	\$7.14	\$5.88	\$6.51	\$7.77	\$14,850.00
Fashion designers	27-1022	40	\$12.59	\$9.52	\$12.23	\$14.12	\$26,180.00
Fence erectors	47-4031	200	\$10.90	\$7.09	\$10.05	\$12.80	\$22,660.00
Fiberglass laminators and fabricators	51-2091	*	\$13.98	\$8.13	\$13.71	\$16.91	\$29,080.00
File clerks	43-4071	3470	\$8.74	\$6.07	\$8.20	\$10.08	\$18,180.00
Film and video editors	27-4032	60	\$16.26	\$10.09	\$15.45	\$19.34	\$33,810.00
Financial analysts	13-2051	920	\$19.03	\$10.83	\$17.11	\$23.13	\$39,580.00
Financial examiners	13-2061	240	\$24.20	\$12.34	\$24.45	\$30.14	\$50,340.00
Financial managers	11-3031	5580	\$28.14	\$14.98	\$26.22	\$34.72	\$58,530.00
Financial specialists, all other	13-2099	590	\$18.40	\$11.41	\$16.94	\$21.90	\$38,270.00
Fine artists, including painters, sculptors, and illustrators	27-1013	50	\$18.11	\$8.21	\$17.99	\$23.07	\$37,680.00
Fire fighters	33-2011	3520	\$15.26	\$9.58	\$15.24	\$18.09	\$31,730.00
Fire fighting and prevention workers	33-2000	170	\$13.84	\$8.12	\$11.79	\$16.70	\$28,790.00
First-line supervisors/managers of construction trades and extraction workers	47-1011	5540	\$19.75	\$12.95	\$19.48	\$23.15	\$41,070.00
First-line supervisors/managers of correctional officers	33-1011	390	\$14.73	\$11.14	\$13.31	\$16.52	\$30,630.00
First-line supervisors/managers of farming, fishing, and forestry workers	45-1011	110	\$15.60	\$7.94	\$12.37	\$19.43	\$32,440.00
First-line supervisors/managers of fire fighting and prevention workers	33-1021	490	\$18.80	\$13.70	\$17.32	\$21.36	\$39,110.00
First-line supervisors/managers of food preparation and serving workers	35-1012	7500	\$9.19	\$6.59	\$8.42	\$10.49	\$19,110.00
First-line supervisors/managers of helpers, laborers, and material movers, hand	53-1021	1340	\$15.83	\$10.07	\$14.95	\$18.72	\$32,930.00
First-line supervisors/managers of housekeeping and janitorial workers	37-1011	2010	\$10.88	\$7.53	\$10.22	\$12.55	\$22,630.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012	770	\$11.57	\$7.27	\$10.77	\$13.71	\$24,060.00
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	4480	\$20.83	\$13.13	\$20.32	\$24.68	\$43,320.00
First-line supervisors/managers of non-retail sales workers	41-1012	2570	\$18.37	\$10.46	\$15.97	\$22.32	\$38,200.00
First-line supervisors/managers of office and administrative support workers	43-1011	13190	\$16.73	\$9.79	\$14.56	\$20.20	\$34,800.00
First-line supervisors/managers of personal service workers	39-1021	710	\$11.76	\$8.37	\$10.69	\$13.45	\$24,450.00
First-line supervisors/managers of police and detectives	33-1012	730	\$17.98	\$10.38	\$17.20	\$21.78	\$37,400.00
First-line supervisors/managers of production and operating workers	51-1011	7000	\$18.57	\$12.08	\$17.91	\$21.81	\$38,620.00
First-line supervisors/managers of retail sales workers	41-1011	14850	\$12.80	\$7.87	\$10.96	\$15.27	\$26,630.00
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	53-1031	1970	\$20.05	\$10.85	\$19.63	\$24.65	\$41,700.00
First-line supervisors/managers, protective service workers, all other	33-1099	380	\$12.49	\$7.61	\$9.00	\$14.94	\$25,990.00
Fish and game wardens	33-3031	70	\$11.67	\$10.17	\$11.73	\$12.42	\$24,270.00
Fitness trainers and aerobics instructors	39-9031	1230	\$9.94	\$6.18	\$9.71	\$11.82	\$20,680.00
Floor layers, except carpet, wood, and hard tiles	47-2042	*	\$14.86	\$9.08	\$15.50	\$17.75	\$30,910.00
Floor sanders and finishers	47-2043	*	\$13.93	\$11.53	\$13.50	\$15.12	\$28,970.00
Floral designers	27-1023	960	\$8.72	\$7.01	\$8.20	\$9.57	\$18,130.00
Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091	190	\$10.01	\$7.51	\$8.91	\$11.26	\$20,810.00
Food batchmakers	51-3092	740	\$9.33	\$6.11	\$9.32	\$10.94	\$19,410.00
Food preparation and serving related workers, all other	35-9099	280	\$7.78	\$5.90	\$7.05	\$8.72	\$16,190.00
Food preparation workers	35-2021	7000	\$6.72	\$5.86	\$6.46	\$7.16	\$13,990.00
Food servers, nonrestaurant	35-3041	1720	\$6.39	\$5.86	\$6.26	\$6.66	\$13,300.00
Food service managers	11-9051	4680	\$13.65	\$9.00	\$12.96	\$15.97	\$28,380.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Forensic science technicians	19-4092	60	\$13.88	\$11.68	\$13.82	\$14.99	\$28,880.00
Forest and conservation technicians	19-4093	110	\$14.46	\$10.81	\$14.31	\$16.28	\$30,070.00
Forest and conservation workers	45-4011	*	\$6.41	\$5.82	\$6.04	\$6.71	\$13,340.00
Foresters	19-1032	180	\$13.95	\$10.03	\$12.39	\$15.91	\$29,020.00
Forging machine setters, operators, and tenders, metal and plastic	51-4022	620	\$10.07	\$7.04	\$9.22	\$11.59	\$20,950.00
Foundry mold and coremakers	51-4071	290	\$10.31	\$7.54	\$10.03	\$11.69	\$21,440.00
Funeral attendants	39-4021	420	\$7.41	\$5.87	\$7.01	\$8.18	\$15,420.00
Funeral directors	11-9061	330	\$20.75	\$14.17	\$21.44	\$24.04	\$43,160.00
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051	430	\$12.72	\$7.94	\$12.29	\$15.10	\$26,450.00
Furniture finishers	51-7021	200	\$10.41	\$7.41	\$9.90	\$11.91	\$21,650.00
Gaming and sports book writers and runners	39-3012	560	\$7.10	\$5.84	\$6.84	\$7.73	\$14,770.00
Gaming cage workers	43-3041	130	\$7.28	\$6.55	\$7.40	\$7.64	\$15,130.00
Gaming change persons and booth cashiers	41-2012	620	\$7.05	\$5.92	\$7.12	\$7.62	\$14,660.00
Gaming dealers	39-3011	60	\$6.41	\$5.87	\$6.38	\$6.69	\$13,340.00
Gaming managers	11-9071	90	\$14.59	\$9.46	\$13.07	\$17.15	\$30,340.00
Gaming supervisors	39-1011	180	\$9.67	\$6.67	\$9.77	\$11.17	\$20,110.00
Gaming surveillance officers and gaming investigators	33-9031	70	\$10.54	\$7.12	\$8.96	\$12.24	\$21,920.00
Gas compressor and gas pumping station operators	53-7071	330	\$18.67	\$11.15	\$20.59	\$22.43	\$38,840.00
Gas plant operators	51-8092	520	\$16.23	\$7.81	\$16.15	\$20.45	\$33,770.00
General and operations managers	11-1021	31800	\$26.28	\$12.50	\$22.25	\$33.16	\$54,650.00
Geological and petroleum technicians	19-4041	690	\$16.97	\$11.44	\$16.93	\$19.74	\$35,300.00
Geoscientists, except hydrologists and geographers	19-2042	670	\$37.15	\$22.39	\$38.01	\$44.54	\$77,280.00
Glaziers	47-2121	430	\$11.67	\$8.51	\$11.60	\$13.25	\$24,280.00
Graders and sorters, agricultural products	45-2041	250	\$8.82	\$6.24	\$8.11	\$10.11	\$18,340.00
Graphic designers	27-1024	1010	\$14.08	\$8.37	\$12.07	\$16.94	\$29,300.00
Grinding and polishing workers, hand	51-9022	330	\$11.44	\$8.06	\$10.27	\$13.12	\$23,790.00
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033	1340	\$10.68	\$7.51	\$10.00	\$12.27	\$22,220.00
Hairdressers, hairstylists, and cosmetologists	39-5012	2030	\$8.85	\$6.11	\$7.99	\$10.23	\$18,420.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Hazardous materials removal workers	47-4041	450	\$12.48	\$10.86	\$12.25	\$13.29	\$25,960.00
Health and safety engineers, except mining safety engineers and inspectors	17-2111	300	\$25.31	\$17.03	\$24.50	\$29.45	\$52,640.00
Health educators	21-1091	310	\$12.92	\$9.06	\$11.92	\$14.85	\$26,880.00
Health professionals and technicians, all other	29-9199	980	\$13.23	\$7.23	\$10.19	\$16.23	\$27,510.00
Healthcare support workers, all other	31-9099	1560	\$8.51	\$6.37	\$8.08	\$9.58	\$17,700.00
Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191	380	\$14.08	\$8.27	\$12.61	\$16.99	\$29,290.00
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	2150	\$14.32	\$9.69	\$13.41	\$16.64	\$29,790.00
Helpers, construction trades, all other	47-3019	380	\$9.09	\$7.12	\$8.97	\$10.08	\$18,920.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	47-3011	320	\$10.24	\$9.07	\$10.07	\$10.82	\$21,290.00
Helpers--carpenters	47-3012	620	\$8.47	\$6.47	\$8.29	\$9.48	\$17,620.00
Helpers--electricians	47-3013	1460	\$10.18	\$7.85	\$9.90	\$11.34	\$21,170.00
Helpers--extraction workers	47-5081	1590	\$11.37	\$9.30	\$10.42	\$12.41	\$23,650.00
Helpers--installation, maintenance, and repair workers	49-9098	2470	\$10.49	\$6.54	\$8.90	\$12.47	\$21,820.00
Helpers--painters, paperhangers, plasterers, and stucco masons	47-3014	400	\$8.01	\$6.18	\$7.69	\$8.93	\$16,670.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	47-3015	1030	\$10.09	\$7.38	\$9.94	\$11.44	\$20,980.00
Helpers--production workers	51-9198	8630	\$8.19	\$5.97	\$7.31	\$9.30	\$17,040.00
Helpers--roofers	47-3016	320	\$10.78	\$7.33	\$10.28	\$12.50	\$22,420.00
Highway maintenance workers	47-4051	4970	\$9.42	\$7.41	\$9.14	\$10.43	\$19,600.00
Hoist and winch operators	53-7041	160	\$12.98	\$8.66	\$11.73	\$15.14	\$27,000.00
Home appliance repairers	49-9031	380	\$14.18	\$9.28	\$13.26	\$16.62	\$29,490.00
Home health aides	31-1011	6040	\$7.91	\$5.99	\$7.64	\$8.86	\$16,440.00
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	2280	\$6.63	\$5.86	\$6.38	\$7.02	\$13,790.00
Hotel, motel, and resort desk clerks	43-4081	1900	\$6.98	\$5.90	\$7.06	\$7.53	\$14,530.00
Human resources assistants, except payroll and timekeeping	43-4161	1600	\$11.81	\$8.66	\$11.30	\$13.38	\$24,560.00
Human resources managers	11-3040	2630	\$24.64	\$14.74	\$23.34	\$29.58	\$51,240.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Hydrologists	19-2043	80	\$25.24	\$17.92	\$24.91	\$28.90	\$52,500.00
Industrial engineering technicians	17-3026	710	\$17.83	\$10.97	\$17.70	\$21.26	\$37,090.00
Industrial engineers	17-2112	1710	\$27.45	\$19.82	\$26.65	\$31.26	\$57,090.00
Industrial machinery mechanics	49-9041	2420	\$14.60	\$10.44	\$14.45	\$16.68	\$30,360.00
Industrial production managers	11-3051	2500	\$26.34	\$16.21	\$25.02	\$31.41	\$54,790.00
Industrial truck and tractor operators	53-7051	4900	\$11.11	\$8.17	\$10.27	\$12.57	\$23,100.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	7840	\$15.58	\$10.01	\$16.35	\$18.36	\$32,400.00
Instructional coordinators	25-9031	720	\$19.16	\$12.66	\$18.79	\$22.42	\$39,860.00
Insulation workers	47-2130	970	\$13.07	\$8.34	\$11.94	\$15.43	\$27,180.00
Insurance appraisers, auto damage	13-1032	*	\$21.16	\$15.61	\$17.27	\$23.93	\$44,010.00
Insurance claims and policy processing clerks	43-9041	2160	\$13.53	\$8.42	\$12.64	\$16.09	\$28,150.00
Insurance sales agents	41-3021	3090	\$16.81	\$9.56	\$14.48	\$20.44	\$34,960.00
Insurance underwriters	13-2053	520	\$18.72	\$12.63	\$17.07	\$21.76	\$38,930.00
Interior designers	27-1025	160	\$15.84	\$11.36	\$14.34	\$18.08	\$32,950.00
Interpreters and translators	27-3091	100	\$11.34	\$7.26	\$10.66	\$13.38	\$23,590.00
Interviewers, except eligibility and loan	43-4111	1090	\$8.95	\$6.98	\$8.42	\$9.94	\$18,620.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	20910	\$7.58	\$5.89	\$7.14	\$8.43	\$15,770.00
Jewelers and precious stone and metal workers	51-9071	260	\$13.63	\$8.58	\$14.05	\$16.15	\$28,350.00
Job printers	51-5021	590	\$11.19	\$8.30	\$10.60	\$12.63	\$23,270.00
Judges, magistrate judges, and magistrates	23-1023	130	\$28.93	\$6.96	\$29.17	\$39.91	\$60,180.00
Kindergarten teachers, except special education	25-2012	2570	*	*	*	*	\$29,030.00
Laborers and freight, stock, and material movers, hand	53-7062	22830	\$8.80	\$6.17	\$7.91	\$10.11	\$18,300.00
Landscape architects	17-1012	50	\$20.42	\$12.61	\$19.54	\$24.33	\$42,470.00
Landscaping and groundskeeping workers	37-3011	7170	\$8.15	\$5.98	\$7.73	\$9.23	\$16,950.00
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034	650	\$11.96	\$8.25	\$11.67	\$13.82	\$24,880.00
Laundry and dry-cleaning workers	51-6011	3020	\$7.04	\$5.86	\$6.58	\$7.62	\$14,640.00
Law clerks	23-2092	370	\$11.58	\$9.05	\$10.56	\$12.84	\$24,080.00
Lawyers	23-1011	4660	\$43.87	\$21.05	\$39.09	\$55.28	\$91,250.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lay-out workers, metal and plastic	51-4192	220	\$13.93	\$8.64	\$12.87	\$16.58	\$28,970.00
Legal secretaries	43-6012	2050	\$13.50	\$10.52	\$13.86	\$14.98	\$28,070.00
Legislators	11-1031	530	\$9.69	\$5.84	\$6.38	\$11.61	\$20,150.00
Librarians	25-4021	2040	\$16.22	\$11.38	\$16.34	\$18.64	\$33,730.00
Library assistants, clerical	43-4121	1220	\$8.36	\$5.89	\$7.51	\$9.59	\$17,380.00
Library technicians	25-4031	1140	\$8.39	\$6.05	\$8.05	\$9.55	\$17,440.00
Library, museum, training, and other education workers, all other	25-9199	*	\$16.66	\$7.96	\$14.41	\$21.01	\$34,650.00
Licensed practical and licensed vocational nurses	29-2061	13460	\$12.08	\$9.40	\$11.81	\$13.43	\$25,130.00
Life scientists	19-1000	90	\$23.65	\$15.06	\$22.22	\$27.95	\$49,190.00
Life scientists, all other	19-1099	*	\$23.26	\$12.26	\$17.77	\$28.76	\$48,380.00
Life, physical, and social science occupations	19-0000	300	\$22.33	\$13.77	\$18.59	\$26.61	\$46,440.00
Life, physical, and social science technicians, all other	19-4099	*	\$14.69	\$8.64	\$14.30	\$17.72	\$30,560.00
Loan counselors	13-2071	300	\$13.00	\$9.61	\$12.61	\$14.69	\$27,040.00
Loan interviewers and clerks	43-4131	2310	\$11.38	\$8.52	\$10.95	\$12.81	\$23,670.00
Loan officers	13-2072	2840	\$20.04	\$11.84	\$18.04	\$24.14	\$41,690.00
Locksmiths and safe repairers	49-9094	40	\$12.81	\$11.05	\$12.77	\$13.69	\$26,650.00
Lodging managers	11-9081	200	\$12.40	\$8.08	\$11.43	\$14.56	\$25,790.00
Log graders and scalers	45-4023	20	\$10.86	\$8.62	\$10.38	\$11.98	\$22,580.00
Logging equipment operators	45-4022	550	\$13.25	\$7.14	\$13.32	\$16.31	\$27,560.00
Machine feeders and offbearers	53-7063	890	\$9.55	\$6.92	\$8.82	\$10.86	\$19,860.00
Machinists	51-4041	5410	\$13.81	\$8.95	\$13.56	\$16.24	\$28,730.00
Maids and housekeeping cleaners	37-2012	10890	\$6.74	\$5.88	\$6.56	\$7.17	\$14,020.00
Mail clerks and mail machine operators, except postal service	43-9051	1680	\$8.84	\$6.84	\$8.32	\$9.84	\$18,390.00
Maintenance and repair workers, general	49-9042	12180	\$11.82	\$8.05	\$10.98	\$13.71	\$24,590.00
Maintenance workers, machinery	49-9043	2430	\$14.28	\$8.49	\$14.24	\$17.18	\$29,710.00
Management analysts	13-1111	2510	\$22.19	\$12.58	\$21.04	\$27.00	\$46,160.00
Managers, all other	11-9199	3780	\$25.22	\$13.02	\$24.45	\$31.33	\$52,470.00
Manicurists and pedicurists	39-5092	80	\$7.72	\$5.93	\$7.00	\$8.62	\$16,060.00
Manufactured building and mobile home installers	49-9095	*	\$12.69	\$9.38	\$11.04	\$14.34	\$26,390.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Market research analysts	19-3021	650	\$19.78	\$10.13	\$17.64	\$24.61	\$41,150.00
Marketing managers	11-2021	1560	\$28.23	\$15.47	\$25.33	\$34.61	\$58,710.00
Marriage and family therapists	21-1013	470	\$17.05	\$13.82	\$16.35	\$18.67	\$35,470.00
Massage therapists	31-9011	30	\$6.61	\$5.89	\$6.39	\$6.97	\$13,750.00
Material moving workers	53-7000	1400	\$9.71	\$5.96	\$8.85	\$11.59	\$20,210.00
Materials engineers	17-2131	170	\$24.52	\$12.65	\$24.78	\$30.45	\$51,000.00
Materials scientists	19-2032	30	\$35.48	\$23.00	\$30.63	\$41.72	\$73,800.00
Mathematicians	15-2021	20	\$22.57	\$16.91	\$22.44	\$25.41	\$46,950.00
Meat, poultry, and fish cutters and trimmers	51-3022	2260	\$9.31	\$7.58	\$8.51	\$10.17	\$19,360.00
Mechanical door repairers	49-9011	180	\$12.81	\$8.57	\$11.92	\$14.93	\$26,640.00
Mechanical drafters	17-3013	870	\$17.56	\$11.59	\$16.68	\$20.55	\$36,530.00
Mechanical engineers	17-2141	1670	\$28.01	\$19.11	\$28.75	\$32.47	\$58,270.00
Media and communication equipment workers, all other	27-4099	220	\$18.77	\$8.21	\$18.63	\$24.06	\$39,050.00
Media and communication workers, all other	27-3099	80	\$16.96	\$8.45	\$16.34	\$21.21	\$35,270.00
Medical and clinical laboratory technicians	29-2012	1480	\$12.04	\$8.61	\$11.84	\$13.76	\$25,050.00
Medical and clinical laboratory technologists	29-2011	2260	\$17.35	\$11.99	\$17.66	\$20.03	\$36,080.00
Medical and health services managers	11-9111	3480	\$26.56	\$16.62	\$24.19	\$31.53	\$55,240.00
Medical and public health social workers	21-1022	1010	\$14.75	\$8.71	\$14.31	\$17.78	\$30,690.00
Medical appliance technicians	51-9082	110	\$13.85	\$9.14	\$13.01	\$16.21	\$28,820.00
Medical assistants	31-9092	2750	\$9.38	\$7.39	\$9.13	\$10.38	\$19,510.00
Medical equipment preparers	31-9093	320	\$9.05	\$7.11	\$8.66	\$10.02	\$18,830.00
Medical equipment repairers	49-9062	200	\$17.80	\$11.50	\$18.48	\$20.95	\$37,020.00
Medical records and health information technicians	29-2071	2150	\$10.24	\$7.07	\$9.81	\$11.82	\$21,300.00
Medical secretaries	43-6013	3010	\$9.64	\$7.55	\$9.09	\$10.68	\$20,040.00
Medical transcriptionists	31-9094	990	\$11.24	\$8.16	\$11.21	\$12.77	\$23,370.00
Meeting and convention planners	13-1121	300	\$14.91	\$9.13	\$12.03	\$17.79	\$31,010.00
Mental health and substance abuse social workers	21-1023	1060	\$12.53	\$8.74	\$12.19	\$14.42	\$26,060.00
Mental health counselors	21-1014	1230	\$12.49	\$8.65	\$12.22	\$14.41	\$25,980.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Merchandise displayers and window trimmers	27-1026	630	\$12.15	\$7.89	\$10.83	\$14.27	\$25,260.00
Metal workers and plastic workers, all other	51-4199	580	\$11.74	\$7.54	\$10.37	\$13.84	\$24,420.00
Metal-refining furnace operators and tenders	51-4051	380	\$10.37	\$8.75	\$10.14	\$11.18	\$21,580.00
Meter readers, utilities	43-5041	890	\$10.32	\$7.12	\$9.72	\$11.92	\$21,470.00
Middle school teachers, except special and vocational education	25-2022	8410	*	*	*	*	\$33,010.00
Milling and planing machine setters, operators, and tenders, metal and plastic	51-4035	260	\$12.33	\$9.73	\$12.23	\$13.62	\$25,640.00
Millwrights	49-9044	410	\$16.39	\$10.21	\$16.71	\$19.48	\$34,090.00
Mining and geological engineers, including mining safety engineers	17-2151	120	\$36.44	\$22.53	\$34.94	\$43.40	\$75,800.00
Mixing and blending machine setters, operators, and tenders	51-9023	1010	\$12.83	\$8.64	\$12.23	\$14.93	\$26,690.00
Mobile heavy equipment mechanics, except engines	49-3042	1230	\$14.35	\$10.64	\$13.94	\$16.20	\$29,850.00
Model makers, metal and plastic	51-4061	*	\$12.85	\$7.77	\$9.96	\$15.39	\$26,730.00
Molders, shapers, and casters, except metal and plastic	51-9195	460	\$10.29	\$7.84	\$9.90	\$11.51	\$21,400.00
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	51-4072	880	\$9.99	\$6.95	\$9.70	\$11.51	\$20,780.00
Motion picture projectionists	39-3021	50	\$6.97	\$5.85	\$6.37	\$7.53	\$14,500.00
Motor vehicle operators, all other	53-3099	1540	\$9.08	\$5.90	\$7.74	\$10.67	\$18,890.00
Motorboat mechanics	49-3051	160	\$10.91	\$7.27	\$10.19	\$12.73	\$22,700.00
Motorcycle mechanics	49-3052	*	\$12.20	\$6.72	\$10.00	\$14.94	\$25,370.00
Multi-media artists and animators	27-1014	250	\$13.87	\$9.59	\$12.74	\$16.02	\$28,860.00
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081	1700	\$12.91	\$9.15	\$13.00	\$14.80	\$26,860.00
Music directors and composers	27-2041	*	*	*	*	*	\$33,510.00
Musical instrument repairers and tuners	49-9063	40	\$11.95	\$7.86	\$9.66	\$14.00	\$24,870.00
Musicians and singers	27-2042	650	*	*	*	*	\$36,080.00
Natural sciences managers	11-9121	370	\$28.27	\$15.95	\$25.75	\$34.43	\$58,810.00
Network and computer systems administrators	15-1071	2070	\$20.95	\$14.39	\$20.22	\$24.23	\$43,580.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Network systems and data communications analysts	15-1081	630	\$22.14	\$14.63	\$21.03	\$25.90	\$46,060.00
New accounts clerks	43-4141	920	\$10.04	\$8.37	\$9.86	\$10.87	\$20,880.00
News analysts, reporters and correspondents	27-3020	820	\$16.47	\$7.91	\$11.55	\$20.74	\$34,250.00
Nonfarm animal caretakers	39-2021	1390	\$7.93	\$5.88	\$7.18	\$8.96	\$16,490.00
Nuclear medicine technologists	29-2033	150	\$21.66	\$14.86	\$20.46	\$25.07	\$45,060.00
Numerical tool and process control programmers	51-4012	350	\$14.45	\$7.53	\$15.08	\$17.91	\$30,060.00
Nursing aides, orderlies, and attendants	31-1012	22120	\$7.43	\$5.98	\$7.40	\$8.16	\$15,460.00
Occupational health and safety specialists and technicians	29-9010	320	\$24.52	\$15.87	\$24.05	\$28.85	\$51,000.00
Occupational therapist aides	31-2012	*	\$7.63	\$7.05	\$7.56	\$7.92	\$15,870.00
Occupational therapist assistants	31-2011	250	\$16.37	\$13.40	\$16.28	\$17.85	\$34,050.00
Occupational therapists	29-1122	690	\$23.51	\$11.99	\$23.05	\$29.28	\$48,910.00
Office clerks, general	43-9061	34770	\$9.07	\$6.53	\$8.47	\$10.35	\$18,870.00
Office machine operators, except computer	43-9071	1010	\$9.86	\$6.62	\$8.75	\$11.48	\$20,510.00
Operating engineers and other construction equipment operators	47-2073	4080	\$12.22	\$9.01	\$11.63	\$13.83	\$25,420.00
Operations research analysts	15-2031	310	\$20.30	\$14.32	\$19.48	\$23.29	\$42,210.00
Ophthalmic laboratory technicians	51-9083	*	\$9.57	\$8.73	\$9.59	\$9.99	\$19,910.00
Opticians, dispensing	29-2081	440	\$11.45	\$6.65	\$9.16	\$13.84	\$23,810.00
Optometrists	29-1041	310	\$44.99	\$34.22	\$40.79	\$50.38	\$93,580.00
Order clerks	43-4151	3180	\$10.65	\$6.95	\$9.73	\$12.50	\$22,150.00
Orthotists and prosthetists	29-2091	20	\$17.38	\$12.97	\$16.18	\$19.59	\$36,150.00
Other construction and related workers	47-4000	570	\$14.12	\$9.45	\$13.66	\$16.45	\$29,370.00
Other installation, maintenance, and repair occupations	49-9000	1280	\$16.51	\$10.78	\$16.77	\$19.37	\$34,340.00
Other management occupations	11-9000	4380	\$23.23	\$13.55	\$23.71	\$28.08	\$48,330.00
Other personal care and service workers	39-9000	450	\$6.63	\$5.84	\$6.24	\$7.03	\$13,800.00
Outdoor power equipment and other small engine mechanics	49-3053	250	\$11.24	\$7.96	\$10.60	\$12.89	\$23,380.00
Packaging and filling machine operators and tenders	51-9111	3280	\$9.01	\$6.49	\$8.53	\$10.26	\$18,730.00
Packers and packagers, hand	53-7064	5710	\$7.54	\$5.86	\$7.09	\$8.38	\$15,680.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Painters, construction and maintenance	47-2141	2250	\$12.24	\$8.69	\$11.95	\$14.01	\$25,460.00
Painters, transportation equipment	51-9122	1160	\$12.61	\$9.27	\$11.87	\$14.28	\$26,220.00
Painting, coating, and decorating workers	51-9123	450	\$10.74	\$6.96	\$9.46	\$12.63	\$22,340.00
Paper goods machine setters, operators, and tenders	51-9196	1100	\$12.58	\$8.10	\$12.09	\$14.83	\$26,170.00
Paperhangers	47-2142	30	\$13.25	\$9.92	\$12.33	\$14.91	\$27,550.00
Paralegals and legal assistants	23-2011	1510	\$17.74	\$11.76	\$17.02	\$20.73	\$36,890.00
Parking enforcement workers	33-3041	90	\$12.05	\$8.18	\$12.66	\$13.98	\$25,060.00
Parking lot attendants	53-6021	720	\$7.07	\$5.90	\$6.76	\$7.65	\$14,700.00
Parts salespersons	41-2022	4200	\$9.97	\$6.33	\$8.79	\$11.79	\$20,740.00
Patternmakers, metal and plastic	51-4062	80	\$12.19	\$8.34	\$12.56	\$14.12	\$25,360.00
Paving, surfacing, and tamping equipment operators	47-2071	960	\$11.07	\$8.74	\$10.28	\$12.24	\$23,030.00
Payroll and timekeeping clerks	43-3051	2480	\$11.53	\$8.06	\$11.18	\$13.26	\$23,970.00
Personal and home care aides	39-9021	4830	\$6.72	\$5.87	\$6.46	\$7.14	\$13,970.00
Personal financial advisors	13-2052	420	\$29.97	\$11.70	\$20.45	\$39.10	\$62,330.00
Pest control workers	37-2021	180	\$10.22	\$6.81	\$10.81	\$11.92	\$21,260.00
Pesticide handlers, sprayers, and applicators, vegetation	37-3012	220	\$8.10	\$5.98	\$7.19	\$9.16	\$16,850.00
Petroleum engineers	17-2171	840	\$38.87	\$25.36	\$38.80	\$45.63	\$80,850.00
Petroleum pump system operators, refinery operators, and gaugers	51-8093	1460	\$16.95	\$8.92	\$16.84	\$20.96	\$35,250.00
Pharmacists	29-1051	2610	\$29.41	\$21.58	\$30.56	\$33.32	\$61,170.00
Pharmacy aides	31-9095	770	\$7.73	\$6.09	\$7.58	\$8.54	\$16,070.00
Pharmacy technicians	29-2052	2150	\$9.06	\$7.05	\$8.59	\$10.06	\$18,850.00
Photographers	27-4021	990	\$10.29	\$7.09	\$9.56	\$11.89	\$21,410.00
Photographic process workers	51-9131	*	\$9.40	\$7.80	\$9.33	\$10.20	\$19,560.00
Photographic processing machine operators	51-9132	760	\$7.25	\$5.88	\$6.99	\$7.93	\$15,080.00
Physical scientists	19-2000	10	\$34.75	\$28.95	\$32.62	\$37.65	\$72,280.00
Physical scientists, all other	19-2099	100	\$24.60	\$11.78	\$21.95	\$31.01	\$51,160.00
Physical therapist aides	31-2022	680	\$8.40	\$6.97	\$8.00	\$9.11	\$17,470.00
Physical therapist assistants	31-2021	540	\$15.22	\$10.52	\$15.57	\$17.56	\$31,650.00
Physical therapists	29-1123	1140	\$27.78	\$20.07	\$26.50	\$31.63	\$57,780.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Physician assistants	29-1071	*	\$18.83	\$10.08	\$13.39	\$23.21	\$39,170.00
Physicians and surgeons	29-1060	4780	\$60.48	\$45.03	*	\$68.21	\$125,810.00
Pile-driver operators	47-2072	*	\$14.84	\$8.71	\$11.02	\$17.90	\$30,860.00
Pipelayers	47-2151	820	\$11.31	\$8.99	\$10.56	\$12.47	\$23,520.00
Plant and system operators, all other	51-8099	290	\$19.70	\$12.91	\$18.07	\$23.10	\$40,980.00
Plasterers and stucco masons	47-2161	*	\$15.09	\$12.15	\$15.07	\$16.55	\$31,380.00
Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193	840	\$10.98	\$7.96	\$10.17	\$12.49	\$22,840.00
Plumbers, pipefitters, and steamfitters	47-2152	3800	\$16.81	\$10.81	\$16.30	\$19.81	\$34,960.00
Police and sheriff's patrol officers	33-3051	6640	\$14.47	\$8.81	\$13.19	\$17.30	\$30,100.00
Police, fire, and ambulance dispatchers	43-5031	1410	\$8.97	\$6.15	\$8.23	\$10.37	\$18,650.00
Postal service clerks	43-5051	660	\$18.69	\$18.00	\$19.03	\$19.03	\$38,870.00
Postal service mail carriers	43-5052	4430	\$17.44	\$13.14	\$18.20	\$19.59	\$36,270.00
Postal service mail sorters, processors, and processing machine operators	43-5053	1770	\$14.12	\$9.09	\$14.23	\$16.64	\$29,370.00
Postmasters and mail superintendents	11-9131	570	\$21.22	\$16.95	\$20.61	\$23.35	\$44,130.00
Pourers and casters, metal	51-4052	190	\$12.07	\$8.90	\$12.45	\$13.66	\$25,110.00
Power distributors and dispatchers	51-8012	440	\$16.51	\$9.78	\$15.36	\$19.88	\$34,350.00
Power plant operators	51-8013	270	\$21.75	\$15.66	\$22.78	\$24.80	\$45,240.00
Precision instrument and equipment repairers, all other	49-9069	90	\$18.28	\$13.93	\$17.97	\$20.46	\$38,030.00
Prepress technicians and workers	51-5022	810	\$11.66	\$7.57	\$10.79	\$13.70	\$24,250.00
Preschool teachers, except special education	25-2011	5040	\$8.55	\$6.00	\$7.72	\$9.83	\$17,790.00
Pressers, textile, garment, and related materials	51-6021	1040	\$6.57	\$5.89	\$6.42	\$6.92	\$13,670.00
Printing machine operators	51-5023	1730	\$10.95	\$7.26	\$10.46	\$12.80	\$22,780.00
Private detectives and investigators	33-9021	170	\$10.97	\$7.53	\$9.21	\$12.69	\$22,820.00
Probation officers and correctional treatment specialists	21-1092	1050	\$13.03	\$10.65	\$12.92	\$14.22	\$27,110.00
Procurement clerks	43-3061	1590	\$13.06	\$9.26	\$12.88	\$14.96	\$27,170.00
Producers and directors	27-2012	510	*	*	*	*	\$39,450.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Production workers, all other	51-9199	8010	\$20.87	\$12.66	\$24.00	\$24.97	\$43,400.00
Production, planning, and expediting clerks	43-5061	3450	\$15.62	\$9.11	\$14.07	\$18.88	\$32,490.00
Proofreaders and copy markers	43-9081	250	\$10.36	\$6.58	\$9.57	\$12.25	\$21,550.00
Property, real estate, and community association managers	11-9141	1260	\$15.86	\$7.77	\$12.93	\$19.91	\$33,000.00
Protective service workers, all other	33-9099	1200	\$7.76	\$5.86	\$6.35	\$8.71	\$16,140.00
Psychiatric aides	31-1013	510	\$8.20	\$6.51	\$7.88	\$9.05	\$17,060.00
Psychiatric technicians	29-2053	1030	\$12.08	\$7.84	\$9.78	\$14.20	\$25,120.00
Public relations managers	11-2031	610	\$21.07	\$11.66	\$17.96	\$25.77	\$43,820.00
Public relations specialists	27-3031	1580	\$14.44	\$10.39	\$13.54	\$16.47	\$30,040.00
Pump operators, except wellhead pumpers	53-7072	570	\$9.44	\$5.82	\$7.70	\$11.25	\$19,640.00
Purchasing agents and buyers, farm products	13-1021	190	\$15.95	\$8.52	\$15.15	\$19.66	\$33,170.00
Purchasing agents, except wholesale, retail, and farm products	13-1023	2310	\$18.21	\$11.35	\$16.71	\$21.64	\$37,880.00
Purchasing managers	11-3061	1450	\$24.09	\$13.95	\$22.12	\$29.16	\$50,110.00
Radiation therapists	29-1124	160	\$19.77	\$13.75	\$17.82	\$22.78	\$41,130.00
Radio mechanics	49-2021	40	\$15.59	\$8.72	\$15.25	\$19.02	\$32,420.00
Radiologic technologists and technicians	29-2034	1720	\$15.64	\$11.71	\$15.28	\$17.61	\$32,540.00
Rail car repairers	49-3043	20	\$19.83	\$16.86	\$19.49	\$21.32	\$41,250.00
Rail transportation workers	53-4000	*	\$21.62	\$17.80	\$21.18	\$23.54	\$44,980.00
Railroad brake, signal, and switch operators	53-4021	100	\$12.16	\$7.91	\$9.94	\$14.28	\$25,280.00
Railroad conductors and yardmasters	53-4031	*	\$21.17	\$16.78	\$20.34	\$23.36	\$44,030.00
Rail-track laying and maintenance equipment operators	47-4061	90	\$12.28	\$7.36	\$12.96	\$14.74	\$25,550.00
Real estate brokers	41-9021	550	\$39.05	\$9.06	\$31.87	\$54.04	\$81,220.00
Real estate sales agents	41-9022	770	\$16.62	\$6.71	\$14.18	\$21.58	\$34,570.00
Receptionists and information clerks	43-4171	11050	\$8.89	\$6.65	\$8.38	\$10.01	\$18,490.00
Recreation workers	39-9032	2020	\$7.74	\$5.98	\$7.00	\$8.62	\$16,100.00
Recreational therapists	29-1125	390	\$14.46	\$9.55	\$13.11	\$16.92	\$30,080.00
Recreational vehicle service technicians	49-3092	160	\$12.05	\$9.17	\$10.97	\$13.49	\$25,060.00
Refuse and recyclable material collectors	53-7081	3460	\$7.68	\$5.98	\$6.74	\$8.53	\$15,970.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Registered nurses	29-1111	22200	\$19.36	\$14.58	\$19.10	\$21.74	\$40,260.00
Rehabilitation counselors	21-1015	3760	\$8.60	\$6.49	\$8.07	\$9.65	\$17,890.00
Reinforcing iron and rebar workers	47-2171	140	\$17.28	\$10.51	\$18.36	\$20.67	\$35,940.00
Reservation and transportation ticket agents and travel clerks	43-4181	3390	\$10.86	\$8.10	\$10.65	\$12.24	\$22,590.00
Residential advisors	39-9041	520	\$8.56	\$6.39	\$8.22	\$9.65	\$17,810.00
Respiratory therapists	29-1126	1260	\$14.26	\$7.81	\$15.27	\$17.48	\$29,650.00
Respiratory therapy technicians	29-2054	440	\$14.08	\$8.73	\$13.26	\$16.76	\$29,290.00
Retail salespersons	41-2031	47420	\$9.18	\$5.87	\$7.60	\$10.83	\$19,090.00
Riggers	49-9096	*	\$19.75	\$14.51	\$20.21	\$22.37	\$41,080.00
Rolling machine setters, operators, and tenders, metal and plastic	51-4023	650	\$9.73	\$7.57	\$8.48	\$10.81	\$20,240.00
Roofers	47-2181	800	\$13.13	\$8.42	\$12.38	\$15.48	\$27,310.00
Rotary drill operators, oil and gas	47-5012	1800	\$13.58	\$9.67	\$12.49	\$15.53	\$28,240.00
Roustabouts, oil and gas	47-5071	3250	\$10.75	\$8.38	\$10.07	\$11.93	\$22,350.00
Sales and related workers, all other	41-9099	3840	\$15.53	\$6.77	\$12.34	\$19.90	\$32,290.00
Sales engineers	41-9031	610	\$24.01	\$12.67	\$23.27	\$29.67	\$49,930.00
Sales managers	11-2022	3890	\$28.32	\$14.49	\$26.13	\$35.23	\$58,900.00
Sales representatives, wholesale and manufacturing, except technical and scientific products	41-4012	12830	\$18.73	\$10.40	\$17.07	\$22.90	\$38,960.00
Sales representatives, wholesale and manufacturing, technical and scientific products	41-4011	3980	\$24.77	\$14.10	\$21.89	\$30.10	\$51,520.00
Sawing machine setters, operators, and tenders, wood	51-7041	350	\$12.49	\$7.84	\$11.60	\$14.81	\$25,980.00
Secondary school teachers, except special and vocational education	25-2031	15560	*	*	*	*	\$32,490.00
Secretaries, except legal, medical, and executive	43-6014	24000	\$9.78	\$6.92	\$9.41	\$11.21	\$20,340.00
Securities, commodities, and financial services sales agents	41-3031	1570	\$29.75	\$13.03	\$21.43	\$38.11	\$61,880.00
Security and fire alarm systems installers	49-2098	180	\$12.56	\$7.29	\$11.10	\$15.20	\$26,120.00
Security guards	33-9032	9010	\$9.23	\$7.12	\$8.28	\$10.29	\$19,200.00
Self-enrichment education teachers	25-3021	1420	\$14.99	\$6.52	\$14.59	\$19.23	\$31,180.00

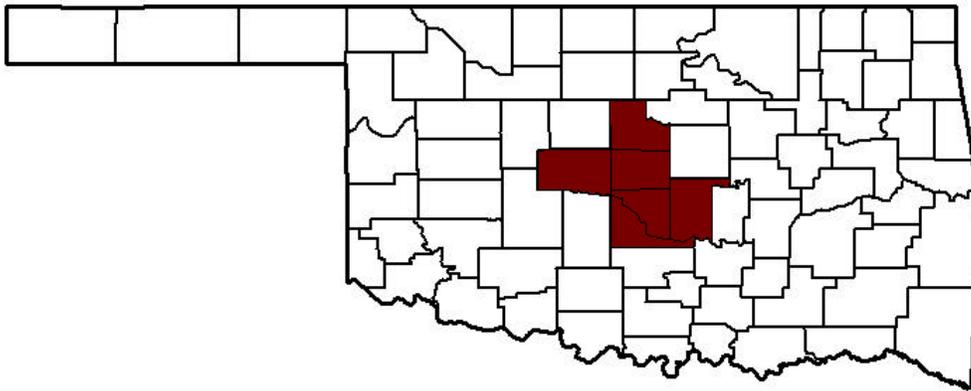
Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	51-9012	380	\$13.71	\$9.24	\$13.96	\$15.94	\$28,520.00
Septic tank servicers and sewer pipe cleaners	47-4071	220	\$13.79	\$9.64	\$12.99	\$15.86	\$28,670.00
Service station attendants	53-6031	1350	\$7.07	\$5.89	\$6.63	\$7.67	\$14,710.00
Service unit operators, oil, gas, and mining	47-5013	810	\$15.96	\$10.88	\$13.34	\$18.51	\$33,200.00
Sewers, hand	51-6051	*	\$8.70	\$7.36	\$8.83	\$9.37	\$18,090.00
Sewing machine operators	51-6031	4170	\$8.13	\$6.22	\$7.97	\$9.08	\$16,900.00
Sheet metal workers	47-2211	3470	\$15.96	\$10.13	\$16.57	\$18.87	\$33,200.00
Shipping, receiving, and traffic clerks	43-5071	7950	\$10.02	\$7.06	\$9.50	\$11.50	\$20,840.00
Shoe and leather workers and repairers	51-6041	70	\$7.03	\$5.94	\$6.69	\$7.57	\$14,620.00
Skin care specialists	39-5094	70	\$9.04	\$5.92	\$7.50	\$10.61	\$18,810.00
Slaughterers and meat packers	51-3023	4340	\$8.74	\$7.55	\$8.76	\$9.33	\$18,170.00
Slot key persons	39-1012	110	\$7.82	\$5.87	\$7.33	\$8.80	\$16,260.00
Social and community service managers	11-9151	1050	\$14.45	\$8.18	\$13.60	\$17.59	\$30,060.00
Social and human service assistants	21-1093	1610	\$9.44	\$6.51	\$8.96	\$10.90	\$19,630.00
Social scientists and related workers	19-3000	800	\$18.15	\$11.58	\$15.00	\$21.43	\$37,740.00
Social scientists and related workers, all other	19-3099	160	\$22.14	\$16.21	\$22.37	\$25.11	\$46,060.00
Sound engineering technicians	27-4014	*	\$14.85	\$8.53	\$14.34	\$18.00	\$30,880.00
Special education teachers, middle school	25-2042	720	*	*	*	*	\$34,340.00
Special education teachers, preschool, kindergarten, and elementary school	25-2041	2210	*	*	*	*	\$33,750.00
Special education teachers, secondary school	25-2043	1250	*	*	*	*	\$34,280.00
Speech-language pathologists	29-1127	940	\$19.79	\$13.89	\$18.09	\$22.73	\$41,160.00
Stationary engineers and boiler operators	51-8021	630	\$17.17	\$12.19	\$16.36	\$19.66	\$35,720.00
Statistical assistants	43-9111	60	\$11.02	\$7.41	\$10.16	\$12.83	\$22,930.00
Statisticians	15-2041	250	\$14.25	\$12.19	\$13.07	\$15.28	\$29,640.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Stock clerks and order fillers	43-5081	17680	\$9.06	\$5.93	\$7.90	\$10.62	\$18,840.00
Stonemasons	47-2022	*	\$10.39	\$7.81	\$8.34	\$11.68	\$21,610.00
Structural iron and steel workers	47-2221	1170	\$13.26	\$9.31	\$11.84	\$15.23	\$27,570.00
Structural metal fabricators and fitters	51-2041	1850	\$12.00	\$8.68	\$11.78	\$13.66	\$24,970.00
Substance abuse and behavioral disorder counselors	21-1011	*	\$10.01	\$7.53	\$8.50	\$11.25	\$20,810.00
Surgical technologists	29-2055	1110	\$12.72	\$9.03	\$12.00	\$14.57	\$26,460.00
Survey researchers	19-3022	*	\$15.59	\$15.21	\$15.81	\$15.78	\$32,430.00
Surveying and mapping technicians	17-3031	680	\$17.62	\$10.00	\$17.58	\$21.43	\$36,650.00
Surveyors	17-1022	*	\$13.84	\$6.87	\$12.16	\$17.32	\$28,780.00
Switchboard operators, including answering service	43-2011	2030	\$9.17	\$6.60	\$8.58	\$10.46	\$19,080.00
Tailors, dressmakers, and custom sewers	51-6052	190	\$9.74	\$7.20	\$9.64	\$11.00	\$20,250.00
Tank car, truck, and ship loaders	53-7121	230	\$10.47	\$7.73	\$10.12	\$11.84	\$21,780.00
Tapers	47-2082	90	\$14.60	\$12.32	\$14.95	\$15.74	\$30,370.00
Tax examiners, collectors, and revenue agents	13-2081	720	\$16.74	\$9.07	\$12.53	\$20.58	\$34,820.00
Tax preparers	13-2082	220	\$13.15	\$8.88	\$13.31	\$15.29	\$27,360.00
Taxi drivers and chauffeurs	53-3041	700	\$7.44	\$5.86	\$7.27	\$8.22	\$15,470.00
Teacher assistants	25-9041	10330	*	*	*	*	\$14,390.00
Team assemblers	51-2092	15560	\$11.29	\$7.16	\$9.60	\$13.35	\$23,470.00
Technical writers	27-3042	570	\$18.12	\$12.35	\$18.10	\$21.01	\$37,690.00
Telecommunications equipment installers and repairers, except line installers	49-2022	6220	\$21.13	\$16.81	\$21.94	\$23.30	\$43,960.00
Telecommunications line installers and repairers	49-9052	2550	\$17.24	\$10.38	\$17.48	\$20.67	\$35,850.00
Telemarketers	41-9041	9100	\$7.51	\$5.88	\$7.42	\$8.32	\$15,610.00
Telephone operators	43-2021	460	\$13.50	\$8.78	\$15.09	\$15.87	\$28,080.00
Tellers	43-3071	6750	\$8.37	\$6.61	\$8.07	\$9.25	\$17,410.00
Textile cutting machine setters, operators, and tenders	51-6062	280	\$8.53	\$6.53	\$8.37	\$9.53	\$17,740.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Textile, apparel, and furnishings workers, all other	51-6099	80	\$9.81	\$6.13	\$9.61	\$11.66	\$20,410.00
Tile and marble setters	47-2044	150	\$14.22	\$8.81	\$13.67	\$16.93	\$29,590.00
Timing device assemblers, adjusters, and calibrators	51-2093	20	\$9.78	\$7.22	\$9.78	\$11.06	\$20,350.00
Tire repairers and changers	49-3093	1100	\$8.53	\$7.08	\$8.14	\$9.25	\$17,730.00
Title examiners, abstractors, and searchers	23-2093	1110	\$15.59	\$8.27	\$13.28	\$19.25	\$32,420.00
Tool and die makers	51-4111	680	\$20.57	\$14.86	\$19.82	\$23.42	\$42,770.00
Tool grinders, filers, and sharpeners	51-4194	480	\$10.54	\$6.99	\$9.27	\$12.31	\$21,920.00
Traffic technicians	53-6041	80	\$12.29	\$7.84	\$10.63	\$14.52	\$25,570.00
Training and development specialists	13-1073	2530	\$16.68	\$9.72	\$15.31	\$20.15	\$34,690.00
Transportation attendants, except flight attendants and baggage porters	39-6032	*	\$8.08	\$6.82	\$8.11	\$8.71	\$16,810.00
Transportation inspectors	53-6051	1240	\$17.51	\$11.13	\$15.53	\$20.70	\$36,420.00
Transportation workers, all other	53-6099	250	\$14.47	\$7.07	\$9.36	\$18.16	\$30,090.00
Transportation, storage, and distribution managers	11-3071	1600	\$24.18	\$12.81	\$22.02	\$29.87	\$50,300.00
Transportation, tourism, and lodging attendants	39-6000	90	\$12.19	\$8.60	\$12.32	\$13.98	\$25,350.00
Travel agents	41-3041	920	\$10.67	\$8.19	\$10.13	\$11.92	\$22,200.00
Tree trimmers and pruners	37-3013	930	\$9.62	\$7.63	\$9.50	\$10.61	\$20,000.00
Truck drivers, heavy and tractor-trailer	53-3032	24200	\$14.25	\$8.90	\$12.94	\$16.92	\$29,640.00
Truck drivers, light or delivery services	53-3033	12680	\$9.30	\$6.21	\$8.23	\$10.84	\$19,340.00
Umpires, referees, and other sports officials	27-2023	50	*	*	*	*	\$14,470.00
Upholsterers	51-6093	460	\$8.57	\$5.85	\$7.60	\$9.93	\$17,820.00
Urban and regional planners	19-3051	130	\$22.06	\$12.43	\$22.28	\$26.88	\$45,890.00
Ushers, lobby attendants, and ticket takers	39-3031	730	\$6.10	\$5.88	\$6.13	\$6.22	\$12,690.00
Veterinarians	29-1131	570	\$21.31	\$12.22	\$17.52	\$25.86	\$44,320.00
Veterinary assistants and laboratory animal caretakers	31-9096	640	\$7.18	\$5.89	\$6.69	\$7.83	\$14,940.00
Veterinary technologists and technicians	29-2056	510	\$9.76	\$7.16	\$9.76	\$11.06	\$20,300.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Vocational education teachers, middle school	25-2023	360	*	*	*	*	\$40,370.00
Vocational education teachers, secondary school	25-2032	1990	*	*	*	*	\$39,460.00
Waiters and waitresses	35-3031	22570	\$6.30	\$5.85	\$6.16	\$6.53	\$13,110.00
Watch repairers	49-9064	90	\$9.94	\$5.87	\$7.33	\$11.98	\$20,680.00
Water and liquid waste treatment plant and system operators	51-8031	1410	\$10.90	\$7.33	\$10.23	\$12.68	\$22,670.00
Water transportation workers	53-5000	*	\$14.16	\$6.23	\$9.84	\$18.13	\$29,450.00
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	1280	\$10.93	\$7.89	\$10.40	\$12.45	\$22,730.00
Welders, cutters, solderers, and brazers	51-4121	8380	\$13.10	\$8.92	\$12.27	\$15.19	\$27,240.00
Welding, soldering, and brazing machine setters, operators, and tenders	51-4122	1880	\$12.70	\$8.25	\$12.66	\$14.92	\$26,410.00
Wellhead pumpers	53-7073	830	\$18.42	\$11.92	\$19.57	\$21.66	\$38,310.00
Wholesale and retail buyers, except farm products	13-1022	1490	\$16.81	\$9.17	\$15.76	\$20.63	\$34,970.00
Woodworkers, all other	51-7099	30	\$10.20	\$7.73	\$9.24	\$11.44	\$21,220.00
Woodworking machine setters, operators, and tenders, except sawing	51-7042	400	\$10.56	\$8.37	\$10.47	\$11.65	\$21,960.00
Word processors and typists	43-9022	1470	\$9.68	\$6.87	\$9.45	\$11.08	\$20,120.00
Writers and authors	27-3043	310	\$17.53	\$10.46	\$17.89	\$21.07	\$36,470.00

OKLAHOMA CITY MSA



Oklahoma City MSA Wage Data Management Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chief executives	11-1011	2210	\$40.40	\$16.18	\$39.01	\$52.51	\$84,040.00
General and operations managers	11-1021	11800	\$26.68	\$13.16	\$22.77	\$33.44	\$55,490.00
Legislators	11-1031	*	\$9.44	\$5.83	\$6.28	\$11.24	\$19,630.00
Advertising and promotions managers	11-2011	290	\$21.10	\$12.70	\$18.87	\$25.30	\$43,880.00
Marketing managers	11-2021	610	\$26.35	\$15.10	\$23.14	\$31.98	\$54,810.00
Sales managers	11-2022	1700	\$29.31	\$14.92	\$27.36	\$36.50	\$60,960.00
Public relations managers	11-2031	250	\$21.83	\$10.97	\$21.10	\$27.25	\$45,400.00
Administrative services managers	11-3011	2760	\$20.10	\$10.87	\$18.91	\$24.72	\$41,810.00
Computer and information systems managers	11-3021	770	\$31.40	\$19.05	\$30.99	\$37.58	\$65,320.00
Financial managers	11-3031	2110	\$28.18	\$15.18	\$26.35	\$34.68	\$58,600.00
Human resources managers	11-3040	1020	\$25.83	\$15.05	\$24.74	\$31.22	\$53,730.00
Industrial production managers	11-3051	750	\$25.51	\$16.02	\$24.11	\$30.26	\$53,060.00
Purchasing managers	11-3061	550	\$24.60	\$14.83	\$21.32	\$29.48	\$51,170.00
Transportation, storage, and distribution managers	11-3071	600	\$26.55	\$13.16	\$22.82	\$33.24	\$55,220.00
Other management occupations	11-9000	1290	\$23.02	\$12.11	\$22.75	\$28.47	\$47,870.00
Construction managers	11-9021	710	\$20.99	\$14.38	\$17.83	\$24.29	\$43,650.00
Engineering managers	11-9041	830	\$36.59	\$24.85	\$34.95	\$42.47	\$76,110.00
Food service managers	11-9051	1910	\$14.12	\$10.12	\$13.82	\$16.11	\$29,360.00
Funeral directors	11-9061	*	\$22.29	\$17.53	\$20.59	\$24.67	\$46,350.00
Gaming managers	11-9071	30	\$15.27	\$8.77	\$10.58	\$18.52	\$31,770.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lodging managers	11-9081	*	\$13.98	\$10.17	\$12.47	\$15.89	\$29,080.00
Medical and health services managers	11-9111	1720	\$26.71	\$17.46	\$24.38	\$31.33	\$55,550.00
Natural sciences managers	11-9121	140	\$28.19	\$14.64	\$26.94	\$34.96	\$58,630.00
Postmasters and mail superintendents	11-9131	40	\$23.91	\$18.23	\$23.42	\$26.75	\$49,720.00
Property, real estate, and community association managers	11-9141	400	\$15.18	\$8.73	\$12.34	\$18.40	\$31,570.00
Social and community service managers	11-9151	320	\$15.73	\$10.81	\$15.24	\$18.19	\$32,720.00
Managers, all other	11-9199	1740	\$25.60	\$13.09	\$24.83	\$31.85	\$53,240.00

Oklahoma City MSA Wage Data Business and Financial Operations Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Purchasing agents and buyers, farm products	13-1021	50	\$14.53	\$7.66	\$15.92	\$17.97	\$30,230.00
Wholesale and retail buyers, except farm products	13-1022	630	\$15.92	\$8.14	\$14.79	\$19.82	\$33,120.00
Purchasing agents, except wholesale, retail, and farm products	13-1023	1010	\$19.64	\$13.08	\$18.61	\$22.91	\$40,840.00
Claims adjusters, examiners, and investigators	13-1031	2290	\$22.25	\$14.25	\$21.71	\$26.26	\$46,290.00
Insurance appraisers, auto damage	13-1032	*	\$23.94	\$15.69	\$27.73	\$28.06	\$49,790.00
Compliance officers, except agriculture, construction, health and safety, and transportation	13-1041	430	\$22.96	\$13.36	\$19.31	\$27.76	\$47,760.00
Cost estimators	13-1051	750	\$21.11	\$14.03	\$20.57	\$24.65	\$43,910.00
Emergency management specialists	13-1061	70	\$15.23	\$7.02	\$13.36	\$19.34	\$31,680.00
Employment, recruitment, and placement specialists	13-1071	660	\$15.52	\$10.29	\$14.03	\$18.14	\$32,280.00
Compensation, benefits, and job analysis specialists	13-1072	220	\$17.18	\$11.77	\$15.94	\$19.88	\$35,730.00
Training and development specialists	13-1073	930	\$18.43	\$10.38	\$17.15	\$22.45	\$38,330.00
Management analysts	13-1111	1530	\$19.88	\$11.84	\$19.00	\$23.90	\$41,350.00
Meeting and convention planners	13-1121	80	\$16.24	\$9.01	\$13.23	\$19.85	\$33,770.00
Business operations specialists, all other	13-1199	4120	\$22.87	\$15.42	\$22.61	\$26.60	\$47,570.00
Accountants and auditors	13-2011	4060	\$17.58	\$12.06	\$16.11	\$20.34	\$36,560.00
Appraisers and assessors of real estate	13-2021	150	\$14.41	\$9.40	\$12.33	\$16.92	\$29,970.00
Budget analysts	13-2031	280	\$21.39	\$16.09	\$20.99	\$24.04	\$44,490.00
Credit analysts	13-2041	340	\$15.55	\$11.39	\$13.29	\$17.63	\$32,350.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Financial analysts	13-2051	530	\$17.96	\$9.23	\$16.90	\$22.32	\$37,350.00
Insurance underwriters	13-2053	300	\$18.36	\$13.31	\$17.61	\$20.88	\$38,180.00
Financial examiners	13-2061	140	\$24.88	\$12.26	\$25.44	\$31.19	\$51,750.00
Loan counselors	13-2071	60	\$12.82	\$9.15	\$11.88	\$14.65	\$26,650.00
Loan officers	13-2072	900	\$20.15	\$9.94	\$16.24	\$25.25	\$41,910.00
Tax examiners, collectors, and revenue agents	13-2081	350	\$18.61	\$9.99	\$15.11	\$22.93	\$38,720.00
Tax preparers	13-2082	*	\$16.59	\$11.07	\$15.52	\$19.35	\$34,520.00
Financial specialists, all other	13-2099	420	\$18.29	\$11.66	\$16.89	\$21.61	\$38,050.00

Oklahoma City MSA Wage Data Computer and Mathematical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer and information scientists, research	15-1011	80	\$24.88	\$20.54	\$25.48	\$27.06	\$51,760.00
Computer programmers	15-1021	1560	\$22.80	\$13.33	\$23.02	\$27.53	\$47,420.00
Computer software engineers, applications	15-1031	*	\$25.22	\$16.75	\$24.94	\$29.46	\$52,460.00
Computer software engineers, systems software	15-1032	310	\$26.78	\$18.65	\$28.06	\$30.85	\$55,710.00
Computer support specialists	15-1041	2470	\$13.28	\$8.82	\$11.98	\$15.51	\$27,620.00
Computer systems analysts	15-1051	1700	\$23.46	\$16.42	\$23.03	\$26.97	\$48,790.00
Database administrators	15-1061	330	\$21.65	\$12.76	\$19.90	\$26.10	\$45,040.00
Network and computer systems administrators	15-1071	620	\$22.09	\$15.16	\$22.32	\$25.55	\$45,940.00
Network systems and data communications analysts	15-1081	260	\$21.48	\$14.26	\$20.22	\$25.09	\$44,680.00
Computer specialists, all other	15-1099	230	\$28.27	\$16.56	\$27.24	\$34.12	\$58,800.00
Operations research analysts	15-2031	160	\$19.91	\$14.72	\$18.48	\$22.51	\$41,420.00
Statisticians	15-2041	*	\$14.06	\$12.26	\$12.96	\$14.97	\$29,250.00

Oklahoma City MSA Wage Data Architecture and Engineering Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Architects, except landscape and naval	17-1011	*	\$28.84	\$21.74	\$26.64	\$32.39	\$59,980.00
Landscape architects	17-1012	*	\$20.84	\$13.96	\$18.71	\$24.28	\$43,340.00
Surveyors	17-1022	*	\$13.78	\$7.05	\$12.19	\$17.15	\$28,660.00
Aerospace engineers	17-2011	220	\$29.54	\$23.21	\$30.32	\$32.71	\$61,450.00
Biomedical engineers	17-2031	*	\$47.60	\$20.39	\$58.61	\$61.20	\$99,000.00
Chemical engineers	17-2041	140	\$33.59	\$25.52	\$32.64	\$37.63	\$69,870.00
Civil engineers	17-2051	420	\$24.48	\$17.44	\$23.08	\$27.99	\$50,910.00
Computer hardware engineers	17-2061	70	\$33.17	\$26.48	\$33.02	\$36.51	\$68,990.00
Electrical engineers	17-2071	*	\$28.70	\$22.02	\$28.15	\$32.04	\$59,700.00
Electronics engineers, except computer	17-2072	1150	\$28.88	\$22.46	\$29.39	\$32.09	\$60,080.00
Environmental engineers	17-2081	90	\$28.84	\$21.55	\$27.38	\$32.49	\$59,990.00
Health and safety engineers, except mining safety engineers and ins	17-2111	80	\$25.13	\$18.95	\$24.92	\$28.23	\$52,280.00
Industrial engineers	17-2112	*	\$27.03	\$16.85	\$27.13	\$32.12	\$56,220.00
Materials engineers	17-2131	50	\$28.07	\$21.33	\$29.50	\$31.43	\$58,380.00
Mechanical engineers	17-2141	370	\$28.65	\$21.98	\$29.11	\$31.98	\$59,590.00
Mining and geological engineers, including mining safety engineers	17-2151	20	\$35.12	\$21.82	\$37.61	\$41.78	\$73,060.00
Petroleum engineers	17-2171	240	\$41.86	\$27.38	\$39.97	\$49.10	\$87,080.00
Engineers, all other	17-2199	*	\$32.24	\$23.07	\$33.48	\$36.83	\$67,070.00
Architectural and civil drafters	17-3011	170	\$16.43	\$11.59	\$15.74	\$18.85	\$34,170.00
Electrical and electronics drafters	17-3012	*	\$15.22	\$11.77	\$14.41	\$16.95	\$31,660.00
Mechanical drafters	17-3013	*	\$14.10	\$11.49	\$12.73	\$15.40	\$29,320.00
Aerospace engineering and operations technicians	17-3021	80	\$18.60	\$13.51	\$18.76	\$21.15	\$38,690.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Civil engineering technicians	17-3022	170	\$16.69	\$12.69	\$16.11	\$18.69	\$34,720.00
Electrical and electronic engineering technicians	17-3023	1750	\$20.55	\$16.86	\$20.00	\$22.40	\$42,750.00
Electro-mechanical technicians	17-3024	90	\$18.61	\$11.88	\$18.78	\$21.97	\$38,700.00
Environmental engineering technicians	17-3025	110	\$14.16	\$9.11	\$12.79	\$16.68	\$29,450.00
Industrial engineering technicians	17-3026	410	\$19.98	\$13.95	\$20.79	\$22.99	\$41,550.00
Surveying and mapping technicians	17-3031	*	\$17.73	\$9.44	\$18.95	\$21.87	\$36,880.00
All other drafters, engineering, and mapping technicians	17-3099	720	\$18.81	\$13.68	\$16.65	\$21.38	\$39,120.00

Oklahoma City MSA Wage Data Life, Physical, and Social Science Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Life scientists	19-1000	*	\$22.67	\$13.80	\$21.56	\$27.11	\$47,150.00
Agricultural and food scientists	19-1010	30	\$23.64	\$15.12	\$23.61	\$27.90	\$49,170.00
Conservation scientists	19-1031	30	\$17.56	\$11.06	\$14.32	\$20.81	\$36,520.00
Physical scientists	19-2000	10	\$34.75	\$28.95	\$32.62	\$37.65	\$72,280.00
Atmospheric and space scientists	19-2021	100	\$32.64	\$24.17	\$31.45	\$36.87	\$67,890.00
Chemists	19-2031	140	\$24.17	\$15.14	\$23.41	\$28.69	\$50,280.00
Geoscientists, except hydrologists and geographers	19-2042	250	\$34.36	\$20.17	\$32.77	\$41.45	\$71,460.00
Hydrologists	19-2043	20	\$26.79	\$20.30	\$25.44	\$30.04	\$55,730.00
Social scientists and related workers	19-3000	350	\$19.29	\$11.55	\$14.94	\$23.16	\$40,120.00
Economists	19-3011	*	\$35.80	\$28.35	\$34.49	\$39.52	\$74,460.00
Market research analysts	19-3021	220	\$19.01	\$11.03	\$17.58	\$23.00	\$39,540.00
Survey researchers	19-3022	*	\$15.62	\$15.30	\$15.83	\$15.78	\$32,500.00
Social scientists and related workers, all other	19-3099	50	\$23.21	\$18.47	\$23.09	\$25.58	\$48,270.00
Agricultural and food science technicians	19-4011	*	\$11.66	\$9.38	\$11.83	\$12.80	\$24,250.00
Chemical technicians	19-4031	180	\$17.07	\$12.19	\$16.77	\$19.52	\$35,510.00
Geological and petroleum technicians	19-4041	260	\$18.28	\$14.37	\$18.27	\$20.23	\$38,010.00
Environmental science and protection technicians, including health	19-4091	*	\$12.16	\$9.53	\$9.93	\$13.48	\$25,300.00
Life, physical, and social science technicians, all other	19-4099	*	\$14.70	\$10.13	\$14.16	\$16.98	\$30,570.00

Oklahoma City MSA Wage Data Community and Social Services Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Substance abuse and behavioral disorder counselors	21-1011	90	\$11.85	\$9.12	\$12.11	\$13.21	\$24,640.00
Educational, vocational, and school counselors	21-1012	1220	\$16.83	\$11.28	\$15.63	\$19.60	\$35,000.00
Mental health counselors	21-1014	570	\$12.16	\$8.90	\$11.75	\$13.80	\$25,300.00
Rehabilitation counselors	21-1015	460	\$10.53	\$8.54	\$10.62	\$11.52	\$21,900.00
Medical and public health social workers	21-1022	440	\$17.28	\$11.57	\$16.29	\$20.13	\$35,940.00
Health educators	21-1091	140	\$14.28	\$11.49	\$12.76	\$15.68	\$29,710.00
Social and human service assistants	21-1093	500	\$9.87	\$7.63	\$9.62	\$10.99	\$20,520.00
Clergy	21-2011	100	\$16.18	\$11.54	\$15.06	\$18.50	\$33,650.00
All other counselors, social and religious workers	21-9099	100	\$15.64	\$10.95	\$13.66	\$17.99	\$32,540.00

Oklahoma City MSA Wage Data Legal Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lawyers	23-1011	2320	\$51.09	\$25.39	\$65.13	\$63.94	\$106,280.00
Administrative law judges, adjudicators, and hearing officers	23-1021	60	\$30.73	\$15.48	\$29.31	\$38.35	\$63,920.00
Judges, magistrate judges, and magistrates	23-1023	20	\$20.96	\$5.99	\$11.12	\$28.44	\$43,590.00
Paralegals and legal assistants	23-2011	870	\$19.47	\$12.97	\$18.45	\$22.72	\$40,500.00
Court reporters	23-2091	*	\$22.74	\$18.02	\$24.58	\$25.11	\$47,310.00
Law clerks	23-2092	*	\$13.71	\$11.84	\$12.93	\$14.64	\$28,510.00
Title examiners, abstractors, and searchers	23-2093	310	\$19.26	\$10.87	\$16.76	\$23.45	\$40,050.00
All other legal and related workers	23-9099	180	\$18.13	\$14.42	\$18.41	\$19.98	\$37,700.00

Oklahoma City MSA Wage Data Education, Training, and Library Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Postsecondary Teachers	25-1000	7960	\$18.16	\$11.08	\$17.84	\$21.70	\$37,760.00
Preschool teachers, except special education	25-2011	2010	\$7.60	\$5.91	\$6.94	\$8.45	\$15,810.00
Kindergarten teachers, except special education	25-2012	1110	*	*	*	*	\$27,770.00
Elementary school teachers, except special education	25-2021	5540	*	*	*	*	\$30,910.00
Middle school teachers, except special and vocational education	25-2022	2860	*	*	*	*	\$34,230.00
Vocational education teachers, middle school	25-2023	*	*	*	*	*	\$43,400.00
Secondary school teachers, except special and vocational education	25-2031	4850	*	*	*	*	\$32,060.00
Vocational education teachers, secondary school	25-2032	600	*	*	*	*	\$43,970.00
Special education teachers, preschool, kindergarten, and elementary school	25-2041	610	*	*	*	*	\$32,690.00
Special education teachers, middle school	25-2042	220	*	*	*	*	\$37,990.00
Special education teachers, secondary school	25-2043	440	*	*	*	*	\$33,090.00
Adult literacy, remedial education, and GED teachers and instructors	25-3011	240	\$11.34	\$5.99	\$10.18	\$14.01	\$23,590.00
Self-enrichment education teachers	25-3021	980	\$15.59	\$6.09	\$17.09	\$20.34	\$32,430.00
All other teachers, primary, secondary, and adult	25-3999	600	*	*	*	*	\$17,380.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Archivists, curators, and museum technicians	25-4010	40	\$13.98	\$10.89	\$12.77	\$15.53	\$29,090.00
Librarians	25-4021	560	\$16.75	\$11.83	\$16.26	\$19.21	\$34,840.00
Library technicians	25-4031	370	\$9.43	\$6.63	\$9.43	\$10.82	\$19,610.00
Audio-visual collections specialists	25-9011	50	\$15.87	\$10.31	\$15.84	\$18.64	\$33,000.00
Instructional coordinators	25-9031	330	\$18.66	\$12.55	\$18.26	\$21.71	\$38,810.00
Teacher assistants	25-9041	2050	*	*	*	*	\$16,210.00
Library, museum, training, and other education workers, all other	25-9199	*	\$8.82	\$5.99	\$6.38	\$10.23	\$18,350.00

Oklahoma City MSA Wage Data Arts, Design, Entertainment, Sports, and Media Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Art directors	27-1011	70	\$23.40	\$12.85	\$17.77	\$28.67	\$48,670.00
Fine artists, including painters, sculptors, and illustrators	27-1013	40	\$18.79	\$8.26	\$18.45	\$24.05	\$39,070.00
Multi-media artists and animators	27-1014	120	\$15.02	\$9.75	\$13.42	\$17.66	\$31,240.00
Commercial and industrial designers	27-1021	40	\$16.96	\$10.96	\$15.54	\$19.95	\$35,270.00
Fashion designers	27-1022	20	\$13.57	\$9.56	\$14.72	\$15.57	\$28,220.00
Floral designers	27-1023	350	\$9.47	\$7.60	\$8.41	\$10.40	\$19,690.00
Graphic designers	27-1024	460	\$13.19	\$7.59	\$10.83	\$15.99	\$27,440.00
Interior designers	27-1025	*	\$13.81	\$11.63	\$12.67	\$14.90	\$28,730.00
Merchandise displayers and window trimmers	27-1026	*	\$11.50	\$8.34	\$10.66	\$13.08	\$23,920.00
All other art and design workers	27-1099	80	\$14.33	\$6.29	\$11.36	\$18.34	\$29,800.00
Actors	27-2011	460	*	*	*	*	\$15,230.00
Producers and directors	27-2012	220	*	*	*	*	\$47,970.00
Coaches and scouts	27-2022	220	*	*	*	*	\$36,400.00
Choreographers	27-2032	60	\$9.46	\$5.99	\$6.94	\$11.19	\$19,670.00
Music directors and composers	27-2041	20	*	*	*	*	\$27,710.00
Entertainers and performers, sports and related workers, all other	27-2099	*	*	*	*	*	\$25,130.00
Announcers	27-3010	*	\$7.47	\$5.98	\$6.70	\$8.22	\$15,540.00
News analysts, reporters and correspondents	27-3020	430	\$19.32	\$9.14	\$13.14	\$24.41	\$40,190.00
Public relations specialists	27-3031	340	\$16.59	\$11.64	\$14.92	\$19.06	\$34,500.00
Editors	27-3041	360	\$15.28	\$9.76	\$14.08	\$18.04	\$31,780.00
Technical writers	27-3042	350	\$17.14	\$11.73	\$17.34	\$19.84	\$35,640.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Writers and authors	27-3043	170	\$19.74	\$12.33	\$19.45	\$23.45	\$41,060.00
Interpreters and translators	27-3091	50	\$10.73	\$7.16	\$8.88	\$12.51	\$22,310.00
Audio and video equipment technicians	27-4011	130	\$10.74	\$7.56	\$10.14	\$12.34	\$22,350.00
Broadcast technicians	27-4012	130	\$12.91	\$7.34	\$11.99	\$15.70	\$26,860.00
Sound engineering technicians	27-4014	20	\$15.94	\$9.91	\$14.45	\$18.96	\$33,160.00
Photographers	27-4021	400	\$10.51	\$7.29	\$9.67	\$12.11	\$21,850.00
Camera operators, television, video, and motion picture	27-4031	200	\$11.64	\$8.37	\$10.20	\$13.27	\$24,200.00
Media and communication equipment workers, all other	27-4099	140	\$22.11	\$13.16	\$22.05	\$26.59	\$45,990.00

Oklahoma City MSA Wage Data Healthcare Practitioners and Technical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Dietitians and nutritionists	29-1031	190	\$19.81	\$11.89	\$16.41	\$23.77	\$41,200.00
Optometrists	29-1041	*	\$47.98	\$38.16	\$41.64	\$52.90	\$99,810.00
Pharmacists	29-1051	870	\$30.67	\$24.47	\$31.24	\$33.76	\$63,780.00
Physicians and surgeons	29-1060	1250	\$59.39	\$44.12	\$66.38	\$67.02	\$123,530.00
Physician assistants	29-1071	*	\$14.03	\$9.51	\$11.97	\$16.29	\$29,180.00
Registered nurses	29-1111	9170	\$19.13	\$14.25	\$19.05	\$21.56	\$39,780.00
Occupational therapists	29-1122	290	\$25.43	\$14.32	\$23.59	\$30.99	\$52,900.00
Physical therapists	29-1123	490	\$29.36	\$21.56	\$28.41	\$33.26	\$61,060.00
Radiation therapists	29-1124	110	\$19.14	\$12.95	\$16.16	\$22.23	\$39,810.00
Recreational therapists	29-1125	150	\$13.21	\$9.16	\$12.50	\$15.23	\$27,470.00
Respiratory therapists	29-1126	330	\$17.76	\$14.64	\$17.27	\$19.33	\$36,950.00
Speech-language pathologists	29-1127	430	\$20.25	\$13.57	\$18.37	\$23.59	\$42,120.00
Veterinarians	29-1131	260	\$24.63	\$15.14	\$23.47	\$29.37	\$51,230.00
Medical and clinical laboratory technologists	29-2011	1100	\$17.26	\$12.33	\$18.16	\$19.72	\$35,890.00
Medical and clinical laboratory technicians	29-2012	520	\$12.09	\$9.11	\$11.30	\$13.58	\$25,150.00
Dental hygienists	29-2021	810	\$22.88	\$20.65	\$24.08	\$23.99	\$47,590.00
Cardiovascular technologists and technicians	29-2031	*	\$14.57	\$9.19	\$13.20	\$17.26	\$30,310.00
Diagnostic medical sonographers	29-2032	190	\$23.98	\$19.49	\$23.78	\$26.23	\$49,890.00
Nuclear medicine technologists	29-2033	80	\$22.18	\$13.27	\$20.66	\$26.63	\$46,130.00
Radiologic technologists and technicians	29-2034	620	\$16.43	\$12.40	\$15.90	\$18.44	\$34,170.00
Emergency medical technicians and paramedics	29-2041	710	\$9.88	\$7.03	\$9.22	\$11.30	\$20,550.00
Dietetic technicians	29-2051	90	\$7.90	\$6.98	\$7.95	\$8.36	\$16,430.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Pharmacy technicians	29-2052	820	\$8.99	\$7.19	\$8.76	\$9.90	\$18,700.00
Psychiatric technicians	29-2053	150	\$10.18	\$7.18	\$8.34	\$11.68	\$21,170.00
Respiratory therapy technicians	29-2054	110	\$15.79	\$12.38	\$16.22	\$17.50	\$32,850.00
Surgical technologists	29-2055	500	\$13.59	\$9.65	\$12.34	\$15.56	\$28,260.00
Veterinary technologists and technicians	29-2056	420	\$9.72	\$7.14	\$9.94	\$11.01	\$20,210.00
Licensed practical and licensed vocational nurses	29-2061	4890	\$12.21	\$10.02	\$12.05	\$13.30	\$25,390.00
Medical records and health information technicians	29-2071	850	\$10.65	\$7.35	\$10.86	\$12.29	\$22,140.00
Opticians, dispensing	29-2081	*	\$7.68	\$5.82	\$6.53	\$8.61	\$15,980.00
Occupational health and safety specialists and technicians	29-9010	60	\$22.67	\$14.33	\$23.24	\$26.84	\$47,150.00
Athletic trainers	29-9091	40	*	*	*	*	\$21,980.00
Health professionals and technicians, all other	29-9199	320	\$13.70	\$8.23	\$12.01	\$16.44	\$28,500.00

Oklahoma City MSA Wage Data Healthcare Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Home health aides	31-1011	1750	\$8.95	\$6.81	\$8.27	\$10.01	\$18,610.00
Nursing aides, orderlies, and attendants	31-1012	7410	\$7.77	\$6.08	\$7.70	\$8.62	\$16,170.00
Occupational therapist assistants	31-2011	*	\$15.51	\$12.94	\$15.85	\$16.79	\$32,260.00
Physical therapist assistants	31-2021	240	\$15.45	\$10.16	\$15.90	\$18.10	\$32,140.00
Physical therapist aides	31-2022	210	\$8.13	\$7.17	\$8.02	\$8.60	\$16,900.00
Dental assistants	31-9091	1290	\$11.76	\$9.00	\$11.64	\$13.13	\$24,450.00
Medical assistants	31-9092	1010	\$9.54	\$7.41	\$9.25	\$10.60	\$19,840.00
Medical equipment preparers	31-9093	190	\$9.23	\$7.22	\$9.02	\$10.23	\$19,190.00
Medical transcriptionists	31-9094	420	\$11.92	\$8.93	\$12.03	\$13.41	\$24,790.00
Pharmacy aides	31-9095	240	\$7.33	\$5.97	\$6.98	\$8.00	\$15,240.00
Veterinary assistants and laboratory animal caretakers	31-9096	190	\$7.33	\$5.89	\$6.92	\$8.05	\$15,250.00
Healthcare support workers, all other	31-9099	620	\$8.94	\$6.50	\$8.61	\$10.17	\$18,600.00

Oklahoma City MSA Wage Data Protective Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of police and detectives	33-1012	210	\$23.32	\$14.88	\$22.56	\$27.54	\$48,510.00
First-line supervisors/managers of fire fighting and prevention worke	33-1021	150	\$21.27	\$15.09	\$19.79	\$24.36	\$44,240.00
First-line supervisors/managers, protective service workers, all other	33-1099	40	\$18.63	\$9.27	\$13.57	\$23.30	\$38,740.00
Police and sheriff's patrol officers	33-3051	2370	\$17.32	\$11.28	\$17.73	\$20.33	\$36,010.00
Private detectives and investigators	33-9021	40	\$10.67	\$7.85	\$9.79	\$12.08	\$22,190.00
Gaming surveillance officers and gaming investigators	33-9031	50	\$10.92	\$6.80	\$8.46	\$12.98	\$22,720.00
Security guards	33-9032	2660	\$10.22	\$6.83	\$9.65	\$11.92	\$21,260.00
Protective service workers, all other	33-9099	340	\$7.61	\$5.84	\$6.26	\$8.49	\$15,820.00

Oklahoma City MSA Wage Data Food Preparation and Serving Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chefs and head cooks	35-1011	550	\$10.35	\$8.53	\$9.68	\$11.27	\$21,540.00
First-line supervisors/managers of food preparation and serving work	35-1012	2730	\$9.20	\$6.79	\$8.91	\$10.40	\$19,130.00
Cooks, fast food	35-2011	3600	\$7.28	\$5.86	\$6.80	\$7.99	\$15,130.00
Cooks, institution and cafeteria	35-2012	2790	\$7.59	\$5.97	\$7.42	\$8.39	\$15,780.00
Cooks, restaurant	35-2014	2300	\$7.90	\$6.66	\$7.82	\$8.51	\$16,430.00
Cooks, short order	35-2015	*	\$6.38	\$5.85	\$6.21	\$6.65	\$13,270.00
Food preparation workers	35-2021	2170	\$6.43	\$5.84	\$6.25	\$6.73	\$13,380.00
Bartenders	35-3011	870	\$7.35	\$5.91	\$6.89	\$8.07	\$15,280.00
Combined food preparation and serving workers, including fast food	35-3021	11180	\$6.31	\$5.83	\$6.19	\$6.55	\$13,130.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	*	\$6.27	\$5.85	\$6.16	\$6.47	\$13,030.00
Waiters and waitresses	35-3031	8520	\$6.86	\$5.87	\$6.43	\$7.35	\$14,270.00
Food servers, nonrestaurant	35-3041	440	\$7.14	\$5.95	\$6.87	\$7.73	\$14,850.00
Dining room and cafeteria attendants and bartender helpers	35-9011	1110	\$6.25	\$5.87	\$6.22	\$6.45	\$13,010.00
Dishwashers	35-9021	1450	\$6.49	\$5.88	\$6.43	\$6.79	\$13,490.00
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	1310	\$6.85	\$5.85	\$6.54	\$7.34	\$14,240.00
Food preparation and serving related workers, all other	35-9099	100	\$7.00	\$5.96	\$6.67	\$7.52	\$14,560.00

Oklahoma City MSA Wage Data Building and Grounds Cleaning and Maintenance Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of housekeeping and janitorial work	37-1011	950	\$11.25	\$8.36	\$10.95	\$12.70	\$23,400.00
First-line supervisors/managers of landscaping, lawn service, and gr	37-1012	310	\$12.37	\$8.74	\$11.71	\$14.19	\$25,740.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	7770	\$7.59	\$5.93	\$7.34	\$8.42	\$15,780.00
Maids and housekeeping cleaners	37-2012	3630	\$6.89	\$5.89	\$6.75	\$7.39	\$14,340.00
Landscaping and groundskeeping workers	37-3011	3440	\$8.29	\$6.24	\$7.88	\$9.31	\$17,240.00
Pesticide handlers, sprayers, and applicators, vegetation	37-3012	40	\$8.74	\$7.42	\$8.26	\$9.41	\$18,190.00
Tree trimmers and pruners	37-3013	*	\$8.33	\$7.07	\$8.32	\$8.96	\$17,330.00
All other building and grounds cleaning and maintenance workers	37-9099	*	\$10.29	\$7.01	\$9.88	\$11.93	\$21,400.00

Oklahoma City MSA Wage Data Personal Care and Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Gaming supervisors	39-1011	70	\$8.52	\$6.28	\$8.97	\$9.64	\$17,730.00
Slot key persons	39-1012	70	\$6.95	\$5.87	\$6.52	\$7.48	\$14,450.00
First-line supervisors/managers of personal service workers	39-1021	380	\$11.82	\$8.69	\$11.18	\$13.39	\$24,590.00
Animal trainers	39-2011	*	\$17.91	\$15.68	\$18.71	\$19.03	\$37,260.00
Nonfarm animal caretakers	39-2021	490	\$8.67	\$5.87	\$8.25	\$10.06	\$18,020.00
Entertainment attendants and related workers	39-3000	70	\$7.15	\$5.88	\$7.20	\$7.79	\$14,870.00
Gaming dealers	39-3011	40	\$5.96	\$5.87	\$6.07	\$6.01	\$12,400.00
Gaming and sports book writers and runners	39-3012	*	\$6.63	\$5.85	\$6.38	\$7.03	\$13,800.00
Motion picture projectionists	39-3021	10	\$8.57	\$5.92	\$7.29	\$9.89	\$17,820.00
Ushers, lobby attendants, and ticket takers	39-3031	180	\$6.32	\$5.95	\$6.37	\$6.50	\$13,140.00
Amusement and recreation attendants	39-3091	380	\$6.74	\$5.89	\$6.30	\$7.17	\$14,020.00
All other gaming workers	39-3199	220	\$6.56	\$5.97	\$6.59	\$6.85	\$13,640.00
Funeral attendants	39-4021	*	\$7.97	\$5.94	\$7.94	\$8.98	\$16,570.00
Barbers	39-5011	50	\$11.10	\$6.51	\$8.60	\$13.40	\$23,090.00
Hairdressers, hairstylists, and cosmetologists	39-5012	700	\$8.08	\$5.99	\$7.81	\$9.12	\$16,800.00
Skin care specialists	39-5094	*	\$6.66	\$5.97	\$6.68	\$7.00	\$13,850.00
Transportation, tourism, and lodging attendants	39-6000	30	\$11.20	\$8.02	\$10.51	\$12.78	\$23,290.00
Baggage porters and bellhops	39-6011	40	\$5.85	\$5.84	\$5.99	\$5.85	\$12,160.00
Other personal care and service workers	39-9000	340	\$6.18	\$5.84	\$6.08	\$6.35	\$12,850.00
Child care workers	39-9011	1770	\$6.56	\$5.91	\$6.40	\$6.88	\$13,640.00
Personal and home care aides	39-9021	*	\$7.23	\$5.96	\$6.51	\$7.87	\$15,040.00
Fitness trainers and aerobics instructors	39-9031	420	\$9.83	\$6.02	\$10.17	\$11.74	\$20,440.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Recreation workers	39-9032	940	\$7.46	\$5.99	\$6.89	\$8.19	\$15,510.00
Residential advisors	39-9041	50	\$9.18	\$6.78	\$8.87	\$10.38	\$19,090.00

Oklahoma City MSA Wage Data Sales and Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of retail sales workers	41-1011	4900	\$13.17	\$8.00	\$11.41	\$15.76	\$27,400.00
First-line supervisors/managers of non-retail sales workers	41-1012	1260	\$17.93	\$10.52	\$15.45	\$21.63	\$37,280.00
Cashiers	41-2011	12610	\$6.59	\$5.85	\$6.35	\$6.96	\$13,710.00
Gaming change persons and booth cashiers	41-2012	130	\$6.10	\$5.93	\$6.19	\$6.18	\$12,690.00
Counter and rental clerks	41-2021	1090	\$8.54	\$5.92	\$7.70	\$9.86	\$17,770.00
Parts salespersons	41-2022	1140	\$10.42	\$6.42	\$9.05	\$12.43	\$21,680.00
Retail salespersons	41-2031	18540	\$9.52	\$5.88	\$8.06	\$11.35	\$19,810.00
Advertising sales agents	41-3011	460	\$21.00	\$8.56	\$15.06	\$27.21	\$43,670.00
Insurance sales agents	41-3021	1380	\$18.66	\$10.97	\$15.32	\$22.51	\$38,820.00
Securities, commodities, and financial services sales agents	41-3031	700	\$33.01	\$12.77	\$26.14	\$43.13	\$68,660.00
Travel agents	41-3041	280	\$10.08	\$7.28	\$10.22	\$11.47	\$20,960.00
Sales representatives, wholesale and manufacturing, technical and s	41-4011	1030	\$24.53	\$12.96	\$21.22	\$30.31	\$51,020.00
Sales representatives, wholesale and manufacturing, except technic	41-4012	5600	\$18.82	\$10.45	\$17.18	\$23.00	\$39,140.00
Demonstrators and product promoters	41-9011	250	\$8.83	\$7.41	\$8.16	\$9.55	\$18,370.00
Real estate brokers	41-9021	70	\$26.88	\$12.97	\$20.14	\$33.83	\$55,910.00
Real estate sales agents	41-9022	480	\$19.24	\$7.58	\$19.31	\$25.07	\$40,030.00
Sales engineers	41-9031	110	\$25.29	\$16.68	\$24.15	\$29.60	\$52,610.00
Telemarketers	41-9041	3960	\$7.72	\$6.65	\$7.71	\$8.25	\$16,050.00
Door-to-door sales workers, news and street vendors, and related w	41-9091	100	\$17.33	\$7.31	\$17.13	\$22.34	\$36,040.00
Sales and related workers, all other	41-9099	1760	\$15.93	\$6.39	\$11.17	\$20.71	\$33,140.00

Oklahoma City MSA Wage Data Office and Administrative Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of office and administrative support	43-1011	5280	\$18.11	\$10.32	\$15.47	\$22.01	\$37,670.00
Switchboard operators, including answering service	43-2011	800	\$10.42	\$7.08	\$9.68	\$12.10	\$21,680.00
Telephone operators	43-2021	40	\$8.27	\$6.00	\$6.53	\$9.41	\$17,200.00
Communications equipment operators, all other	43-2099	20	\$20.43	\$13.51	\$19.11	\$23.90	\$42,500.00
Bill and account collectors	43-3011	2000	\$11.98	\$8.47	\$10.58	\$13.73	\$24,910.00
Billing and posting clerks and machine operators	43-3021	2520	\$10.00	\$8.19	\$9.65	\$10.90	\$20,800.00
Bookkeeping, accounting, and auditing clerks	43-3031	7440	\$11.33	\$8.04	\$10.66	\$12.97	\$23,560.00
Gaming cage workers	43-3041	130	\$7.24	\$6.51	\$7.37	\$7.60	\$15,050.00
Payroll and timekeeping clerks	43-3051	780	\$12.23	\$8.86	\$11.79	\$13.91	\$25,430.00
Procurement clerks	43-3061	910	\$13.38	\$9.28	\$13.33	\$15.42	\$27,820.00
Tellers	43-3071	2520	\$8.66	\$7.21	\$8.28	\$9.39	\$18,020.00
Brokerage clerks	43-4011	*	\$12.36	\$9.36	\$12.36	\$13.86	\$25,710.00
Correspondence clerks	43-4021	160	\$9.96	\$7.78	\$9.31	\$11.05	\$20,720.00
Court, municipal, and license clerks	43-4031	250	\$11.33	\$9.24	\$10.75	\$12.38	\$23,580.00
Credit authorizers, checkers, and clerks	43-4041	390	\$11.78	\$8.50	\$10.30	\$13.43	\$24,510.00
Customer service representatives	43-4051	10390	\$10.46	\$7.95	\$9.98	\$11.72	\$21,750.00
File clerks	43-4071	1490	\$9.55	\$6.38	\$8.82	\$11.13	\$19,860.00
Hotel, motel, and resort desk clerks	43-4081	550	\$7.36	\$6.30	\$7.41	\$7.89	\$15,310.00
Interviewers, except eligibility and loan	43-4111	480	\$9.03	\$7.29	\$8.50	\$9.90	\$18,780.00
Library assistants, clerical	43-4121	240	\$8.84	\$6.77	\$8.65	\$9.87	\$18,380.00
Loan interviewers and clerks	43-4131	610	\$13.21	\$9.39	\$12.21	\$15.12	\$27,480.00
New accounts clerks	43-4141	280	\$9.78	\$8.12	\$9.75	\$10.60	\$20,330.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Order clerks	43-4151	910	\$10.18	\$6.95	\$9.45	\$11.79	\$21,170.00
Human resources assistants, except payroll and timekeeping	43-4161	500	\$12.59	\$9.04	\$12.18	\$14.37	\$26,200.00
Receptionists and information clerks	43-4171	5020	\$9.50	\$6.86	\$8.84	\$10.82	\$19,760.00
Reservation and transportation ticket agents and travel clerks	43-4181	*	\$10.93	\$9.03	\$10.95	\$11.89	\$22,740.00
All other financial, information, and record clerks	43-4999	600	\$13.45	\$9.07	\$11.28	\$15.64	\$27,970.00
Cargo and freight agents	43-5011	*	\$14.67	\$9.09	\$14.16	\$17.46	\$30,520.00
Couriers and messengers	43-5021	550	\$7.88	\$5.95	\$7.55	\$8.85	\$16,400.00
Police, fire, and ambulance dispatchers	43-5031	340	\$10.89	\$7.19	\$10.49	\$12.73	\$22,640.00
Dispatchers, except police, fire, and ambulance	43-5032	860	\$11.88	\$8.48	\$10.41	\$13.58	\$24,720.00
Meter readers, utilities	43-5041	210	\$10.54	\$7.28	\$10.81	\$12.17	\$21,930.00
Postal service clerks	43-5051	210	\$18.73	\$18.13	\$19.06	\$19.03	\$38,960.00
Postal service mail carriers	43-5052	1400	\$17.76	\$14.18	\$18.51	\$19.55	\$36,940.00
Postal service mail sorters, processors, and processing machine operators	43-5053	800	\$15.06	\$9.85	\$16.37	\$17.67	\$31,330.00
Production, planning, and expediting clerks	43-5061	1580	\$16.23	\$8.63	\$15.45	\$20.03	\$33,760.00
Shipping, receiving, and traffic clerks	43-5071	3100	\$10.14	\$7.04	\$9.45	\$11.69	\$21,090.00
Stock clerks and order fillers	43-5081	6380	\$9.04	\$5.93	\$7.84	\$10.59	\$18,800.00
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	590	\$10.24	\$7.66	\$9.68	\$11.52	\$21,290.00
All other material recording, scheduling, dispatching, and distributing	43-5199	60	\$10.07	\$6.93	\$9.11	\$11.64	\$20,940.00
Executive secretaries and administrative assistants	43-6011	5520	\$12.65	\$8.95	\$12.24	\$14.50	\$26,320.00
Legal secretaries	43-6012	790	\$14.76	\$12.33	\$15.03	\$15.97	\$30,700.00
Medical secretaries	43-6013	1090	\$9.20	\$7.60	\$8.36	\$10.00	\$19,130.00
Secretaries, except legal, medical, and executive	43-6014	9370	\$10.05	\$7.33	\$9.69	\$11.40	\$20,900.00
Computer operators	43-9011	1550	\$9.92	\$6.83	\$9.24	\$11.46	\$20,630.00
Data entry keyers	43-9021	2270	\$9.43	\$7.10	\$9.20	\$10.59	\$19,610.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Word processors and typists	43-9022	680	\$10.61	\$8.40	\$10.02	\$11.71	\$22,060.00
Desktop publishers	43-9031	40	\$12.63	\$10.79	\$12.65	\$13.55	\$26,270.00
Insurance claims and policy processing clerks	43-9041	1130	\$14.55	\$9.87	\$13.46	\$16.89	\$30,270.00
Mail clerks and mail machine operators, except postal service	43-9051	750	\$9.05	\$6.93	\$9.04	\$10.12	\$18,830.00
Office clerks, general	43-9061	12640	\$8.78	\$6.36	\$8.26	\$9.99	\$18,260.00
Office machine operators, except computer	43-9071	500	\$10.58	\$7.22	\$9.98	\$12.26	\$22,010.00
Proofreaders and copy markers	43-9081	90	\$9.46	\$6.49	\$9.35	\$10.94	\$19,680.00
Statistical assistants	43-9111	40	\$11.08	\$7.67	\$10.91	\$12.79	\$23,050.00
All other secretaries, administrative assistants, and other office supp	43-9999	2550	\$14.80	\$8.84	\$13.24	\$17.78	\$30,780.00

Oklahoma City MSA Wage Data Farming, Fishing, and Forestry Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of farming, fishing, and forestry work	45-1011	20	\$26.17	\$20.81	\$27.35	\$28.85	\$54,430.00
Agricultural inspectors	45-2011	180	\$11.39	\$8.43	\$11.64	\$12.87	\$23,690.00
Graders and sorters, agricultural products	45-2041	*	\$11.22	\$8.44	\$10.38	\$12.61	\$23,340.00
Farmworkers and laborers, crop, nursery, and greenhouse	45-2092	100	\$7.77	\$6.13	\$7.65	\$8.59	\$16,160.00
Farmworkers, farm and ranch animals	45-2093	170	\$9.94	\$6.86	\$10.07	\$11.48	\$20,670.00

Oklahoma City MSA Wage Data Construction and Extraction Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of construction trades and extractior	47-1011	1910	\$20.10	\$14.27	\$19.84	\$23.02	\$41,810.00
Boilermakers	47-2011	40	\$9.98	\$6.99	\$8.04	\$11.47	\$20,750.00
Brickmasons and blockmasons	47-2021	150	\$17.49	\$13.63	\$18.37	\$19.43	\$36,390.00
Carpenters	47-2031	2490	\$11.82	\$8.45	\$10.74	\$13.51	\$24,580.00
Tile and marble setters	47-2044	*	\$12.64	\$8.26	\$10.52	\$14.83	\$26,290.00
Cement masons and concrete finishers	47-2051	1440	\$10.38	\$7.09	\$10.00	\$12.02	\$21,590.00
Construction laborers	47-2061	2140	\$10.11	\$7.37	\$9.69	\$11.48	\$21,030.00
Paving, surfacing, and tamping equipment operators	47-2071	430	\$11.75	\$8.81	\$10.40	\$13.22	\$24,440.00
Operating engineers and other construction equipment operators	47-2073	1430	\$11.68	\$8.72	\$11.17	\$13.17	\$24,300.00
Drywall and ceiling tile installers	47-2081	290	\$13.22	\$10.61	\$13.27	\$14.52	\$27,490.00
Electricians	47-2111	2450	\$16.38	\$10.31	\$15.55	\$19.41	\$34,070.00
Glaziers	47-2121	*	\$12.31	\$9.02	\$12.56	\$13.95	\$25,600.00
Insulation workers	47-2130	750	\$13.43	\$8.44	\$12.23	\$15.93	\$27,940.00
Painters, construction and maintenance	47-2141	1000	\$13.14	\$8.86	\$12.71	\$15.28	\$27,330.00
Paperhangers	47-2142	30	\$12.84	\$9.83	\$11.87	\$14.34	\$26,700.00
Pipelayers	47-2151	290	\$11.99	\$8.98	\$11.10	\$13.49	\$24,940.00
Plumbers, pipefitters, and steamfitters	47-2152	1080	\$18.06	\$10.90	\$18.06	\$21.64	\$37,560.00
Roofers	47-2181	390	\$14.83	\$10.54	\$13.84	\$16.97	\$30,840.00
Sheet metal workers	47-2211	1820	\$17.15	\$12.19	\$18.19	\$19.63	\$35,670.00
Structural iron and steel workers	47-2221	220	\$15.48	\$11.54	\$15.57	\$17.45	\$32,190.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and ma	47-3011	150	\$10.54	\$9.09	\$10.21	\$11.26	\$21,920.00
Helpers--carpenters	47-3012	260	\$7.78	\$5.83	\$7.57	\$8.76	\$16,180.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Helpers--electricians	47-3013	*	\$10.02	\$7.60	\$9.73	\$11.23	\$20,840.00
Helpers--painters, paperhangers, plasterers, and stucco masons	47-3014	140	\$7.65	\$6.02	\$7.53	\$8.47	\$15,920.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	47-3015	190	\$10.66	\$7.08	\$9.95	\$12.45	\$22,170.00
Helpers--roofers	47-3016	240	\$11.64	\$8.48	\$10.87	\$13.21	\$24,200.00
Helpers, construction trades, all other	47-3019	*	\$9.61	\$7.54	\$9.52	\$10.64	\$19,980.00
Other construction and related workers	47-4000	180	\$14.34	\$8.01	\$13.73	\$17.50	\$29,820.00
Construction and building inspectors	47-4011	210	\$17.38	\$12.48	\$17.71	\$19.83	\$36,150.00
Elevator installers and repairers	47-4021	*	\$20.20	\$19.58	\$20.09	\$20.51	\$42,020.00
Hazardous materials removal workers	47-4041	*	\$12.19	\$12.01	\$12.22	\$12.29	\$25,360.00
Highway maintenance workers	47-4051	1010	\$9.58	\$7.56	\$8.27	\$10.59	\$19,920.00
Derrick operators, oil and gas	47-5011	480	\$11.32	\$9.08	\$10.65	\$12.44	\$23,540.00
Rotary drill operators, oil and gas	47-5012	240	\$15.36	\$10.19	\$12.70	\$17.95	\$31,950.00
Service unit operators, oil, gas, and mining	47-5013	*	\$19.29	\$12.98	\$16.02	\$22.44	\$40,110.00
Earth drillers, except oil and gas	47-5021	280	\$11.90	\$7.92	\$12.27	\$13.89	\$24,750.00
Roustabouts, oil and gas	47-5071	210	\$9.96	\$8.59	\$10.04	\$10.65	\$20,720.00
Helpers--extraction workers	47-5081	*	\$10.36	\$9.23	\$10.15	\$10.92	\$21,540.00

Oklahoma City MSA Wage Data Installation, Maintenance, and Repair Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	1540	\$20.87	\$12.97	\$21.19	\$24.83	\$43,420.00
Computer, automated teller, and office machine repairers	49-2011	1390	\$11.58	\$6.34	\$10.15	\$14.20	\$24,090.00
Radio mechanics	49-2021	20	\$15.35	\$8.15	\$18.07	\$18.95	\$31,920.00
Telecommunications equipment installers and repairers, except line	49-2022	*	\$21.38	\$18.09	\$21.73	\$23.03	\$44,470.00
Avionics technicians	49-2091	610	\$16.87	\$12.41	\$18.02	\$19.10	\$35,090.00
Electric motor, power tool, and related repairers	49-2092	300	\$17.71	\$12.22	\$18.66	\$20.46	\$36,850.00
Electrical and electronics repairers, commercial and industrial equipment	49-2094	1140	\$14.89	\$9.96	\$13.88	\$17.35	\$30,970.00
Electronic equipment installers and repairers, motor vehicles	49-2096	*	\$17.04	\$11.50	\$18.24	\$19.80	\$35,430.00
Electronic home entertainment equipment installers and repairers	49-2097	*	\$13.49	\$10.38	\$14.13	\$15.04	\$28,050.00
Security and fire alarm systems installers	49-2098	*	\$10.79	\$6.26	\$9.55	\$13.06	\$22,450.00
All other electrical and electronic equipment mechanics, installers, and repairers	49-2099	*	\$12.37	\$7.45	\$13.10	\$14.84	\$25,740.00
Aircraft mechanics and service technicians	49-3011	2520	\$16.18	\$11.69	\$17.25	\$18.43	\$33,660.00
Automotive body and related repairers	49-3021	1500	\$13.39	\$9.55	\$13.97	\$15.31	\$27,850.00
Automotive glass installers and repairers	49-3022	80	\$12.69	\$8.90	\$11.95	\$14.59	\$26,400.00
Automotive service technicians and mechanics	49-3023	2660	\$12.89	\$8.44	\$12.21	\$15.11	\$26,810.00
Bus and truck mechanics and diesel engine specialists	49-3031	1590	\$14.46	\$9.85	\$14.24	\$16.76	\$30,070.00
Mobile heavy equipment mechanics, except engines	49-3042	440	\$15.33	\$11.28	\$14.63	\$17.36	\$31,890.00
Motorboat mechanics	49-3051	70	\$11.77	\$6.91	\$10.88	\$14.21	\$24,490.00
Motorcycle mechanics	49-3052	40	\$18.66	\$10.86	\$20.28	\$22.56	\$38,820.00
Outdoor power equipment and other small engine mechanics	49-3053	*	\$12.02	\$8.98	\$10.79	\$13.54	\$25,010.00
Bicycle repairers	49-3091	*	\$7.53	\$5.97	\$6.44	\$8.30	\$15,660.00
Recreational vehicle service technicians	49-3092	50	\$14.67	\$11.31	\$15.21	\$16.35	\$30,510.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Tire repairers and changers	49-3093	570	\$8.43	\$7.41	\$8.12	\$8.94	\$17,540.00
All other vehicle and mobile equipment mechanics, installers, and re	49-3099	70	\$18.09	\$9.32	\$12.58	\$22.47	\$37,620.00
Other installation, maintenance, and repair occupations	49-9000	600	\$16.39	\$11.70	\$17.02	\$18.73	\$34,080.00
Mechanical door repairers	49-9011	*	\$11.96	\$8.85	\$10.83	\$13.51	\$24,870.00
Control and valve installers and repairers, except mechanical door	49-9012	540	\$17.33	\$12.81	\$18.18	\$19.59	\$36,050.00
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	730	\$15.63	\$10.18	\$14.88	\$18.35	\$32,500.00
Home appliance repairers	49-9031	*	\$14.49	\$9.65	\$14.17	\$16.90	\$30,130.00
Industrial machinery mechanics	49-9041	560	\$15.68	\$11.36	\$15.36	\$17.84	\$32,610.00
Maintenance and repair workers, general	49-9042	4000	\$11.57	\$8.38	\$11.09	\$13.16	\$24,060.00
Maintenance workers, machinery	49-9043	360	\$12.97	\$9.75	\$12.84	\$14.59	\$26,980.00
Millwrights	49-9044	100	\$12.68	\$7.62	\$12.03	\$15.21	\$26,370.00
Electrical power-line installers and repairers	49-9051	460	\$18.46	\$12.27	\$18.90	\$21.55	\$38,390.00
Telecommunications line installers and repairers	49-9052	850	\$15.61	\$10.22	\$14.68	\$18.30	\$32,470.00
Medical equipment repairers	49-9062	20	\$18.11	\$11.81	\$18.03	\$21.26	\$37,670.00
Precision instrument and equipment repairers, all other	49-9069	70	\$17.62	\$13.78	\$17.86	\$19.54	\$36,650.00
Coin, vending, and amusement machine servicers and repairers	49-9091	200	\$16.12	\$8.37	\$15.46	\$19.99	\$33,520.00
Locksmiths and safe repairers	49-9094	10	\$14.09	\$12.29	\$14.24	\$14.99	\$29,310.00
Manufactured building and mobile home installers	49-9095	10	\$9.93	\$7.60	\$8.47	\$11.09	\$20,640.00
Riggers	49-9096	50	\$16.14	\$9.41	\$14.90	\$19.50	\$33,570.00
Helpers--installation, maintenance, and repair workers	49-9098	1160	\$11.98	\$6.87	\$9.76	\$14.53	\$24,910.00

Oklahoma City MSA Wage Data Production Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of production and operating workers	51-1011	2090	\$18.93	\$12.29	\$17.96	\$22.26	\$39,380.00
Electrical and electronic equipment assemblers	51-2022	*	\$8.82	\$6.36	\$9.23	\$10.05	\$18,340.00
Electromechanical equipment assemblers	51-2023	*	\$9.85	\$9.80	\$9.98	\$9.87	\$20,480.00
Structural metal fabricators and fitters	51-2041	720	\$11.85	\$9.32	\$11.91	\$13.12	\$24,660.00
Fiberglass laminators and fabricators	51-2091	20	\$9.64	\$8.45	\$9.70	\$10.24	\$20,050.00
Team assemblers	51-2092	3720	\$9.16	\$6.98	\$8.39	\$10.24	\$19,040.00
Assemblers and fabricators, all other	51-2099	390	\$8.76	\$6.60	\$8.19	\$9.84	\$18,220.00
Bakers	51-3011	450	\$8.51	\$6.80	\$7.78	\$9.36	\$17,700.00
Butchers and meat cutters	51-3021	550	\$10.91	\$8.52	\$10.97	\$12.10	\$22,690.00
Food batchmakers	51-3092	480	\$9.19	\$6.23	\$9.32	\$10.68	\$19,120.00
Computer-controlled machine tool operators, metal and plastic	51-4011	*	\$13.16	\$10.27	\$13.36	\$14.60	\$27,370.00
Numerical tool and process control programmers	51-4012	30	\$20.79	\$17.66	\$20.81	\$22.35	\$43,240.00
Extruding and drawing machine setters, operators, and tenders, met	51-4021	380	\$10.52	\$7.44	\$10.74	\$12.06	\$21,880.00
Forging machine setters, operators, and tenders, metal and plastic	51-4022	*	\$8.11	\$7.46	\$8.02	\$8.43	\$16,870.00
Rolling machine setters, operators, and tenders, metal and plastic	51-4023	250	\$10.70	\$7.69	\$10.87	\$12.21	\$22,260.00
Cutting, punching, and press machine setters, operators, and tender	51-4031	770	\$10.16	\$7.22	\$9.91	\$11.64	\$21,140.00
Drilling and boring machine tool setters, operators, and tenders, met	51-4032	120	\$12.71	\$10.42	\$12.32	\$13.85	\$26,430.00
Grinding, lapping, polishing, and buffing machine tool setters, operat	51-4033	130	\$9.81	\$7.66	\$9.32	\$10.88	\$20,390.00
Lathe and turning machine tool setters, operators, and tenders, met	51-4034	170	\$12.89	\$10.20	\$12.26	\$14.23	\$26,810.00
Machinists	51-4041	1640	\$14.94	\$10.33	\$14.75	\$17.24	\$31,070.00
Foundry mold and coremakers	51-4071	100	\$10.32	\$7.73	\$8.71	\$11.62	\$21,470.00
Molding, coremaking, and casting machine setters, operators, and te	51-4072	150	\$9.98	\$7.11	\$9.66	\$11.42	\$20,760.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081	850	\$12.75	\$9.12	\$13.70	\$14.57	\$26,530.00
Tool and die makers	51-4111	230	\$23.71	\$16.41	\$23.47	\$27.37	\$49,330.00
Welders, cutters, solderers, and brazers	51-4121	2520	\$13.54	\$9.57	\$12.39	\$15.53	\$28,170.00
Welding, soldering, and brazing machine setters, operators, and tenders	51-4122	430	\$11.56	\$8.39	\$11.75	\$13.14	\$24,040.00
Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191	90	\$14.39	\$9.84	\$13.48	\$16.67	\$29,940.00
Lay-out workers, metal and plastic	51-4192	10	\$16.91	\$11.89	\$18.47	\$19.41	\$35,170.00
Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193	340	\$12.82	\$8.38	\$12.02	\$15.04	\$26,660.00
Tool grinders, filers, and sharpeners	51-4194	100	\$13.02	\$8.72	\$12.22	\$15.17	\$27,090.00
Metal workers and plastic workers, all other	51-4199	300	\$12.61	\$7.67	\$11.49	\$15.08	\$26,230.00
Bindery workers	51-5011	320	\$9.06	\$5.93	\$8.66	\$10.62	\$18,840.00
Job printers	51-5021	220	\$12.44	\$8.50	\$12.39	\$14.41	\$25,880.00
Prepress technicians and workers	51-5022	370	\$11.91	\$8.14	\$11.29	\$13.79	\$24,760.00
Printing machine operators	51-5023	880	\$11.10	\$7.53	\$10.95	\$12.89	\$23,090.00
Laundry and dry-cleaning workers	51-6011	950	\$7.30	\$5.85	\$6.55	\$8.03	\$15,190.00
Pressers, textile, garment, and related materials	51-6021	370	\$6.67	\$5.90	\$6.63	\$7.05	\$13,870.00
Sewing machine operators	51-6031	800	\$7.45	\$5.90	\$6.96	\$8.23	\$15,500.00
Sewers, hand	51-6051	*	\$9.04	\$8.11	\$9.22	\$9.51	\$18,810.00
Tailors, dressmakers, and custom sewers	51-6052	80	\$10.54	\$8.65	\$10.18	\$11.48	\$21,920.00
Textile cutting machine setters, operators, and tenders	51-6062	*	\$8.15	\$6.39	\$7.84	\$9.02	\$16,940.00
Upholsterers	51-6093	*	\$8.13	\$5.85	\$7.30	\$9.26	\$16,900.00
Cabinetmakers and bench carpenters	51-7011	610	\$10.36	\$7.85	\$10.58	\$11.62	\$21,560.00
Furniture finishers	51-7021	*	\$10.88	\$8.81	\$11.00	\$11.91	\$22,630.00
Sawing machine setters, operators, and tenders, wood	51-7041	20	\$9.66	\$7.89	\$9.49	\$10.54	\$20,090.00
Woodworking machine setters, operators, and tenders, except sawing	51-7042	*	\$9.40	\$7.61	\$9.38	\$10.30	\$19,550.00
Power plant operators	51-8013	*	\$20.69	\$14.40	\$22.28	\$23.84	\$43,040.00
Stationary engineers and boiler operators	51-8021	140	\$18.49	\$13.48	\$17.55	\$20.99	\$38,450.00
Water and liquid waste treatment plant and system operators	51-8031	420	\$10.64	\$6.78	\$9.76	\$12.58	\$22,140.00
Petroleum pump system operators, refinery operators, and gaugers	51-8093	280	\$18.23	\$14.83	\$16.99	\$19.93	\$37,920.00
Plant and system operators, all other	51-8099	90	\$19.07	\$11.39	\$17.72	\$22.92	\$39,670.00
Chemical equipment operators and tenders	51-9011	*	\$14.35	\$11.52	\$14.18	\$15.76	\$29,840.00

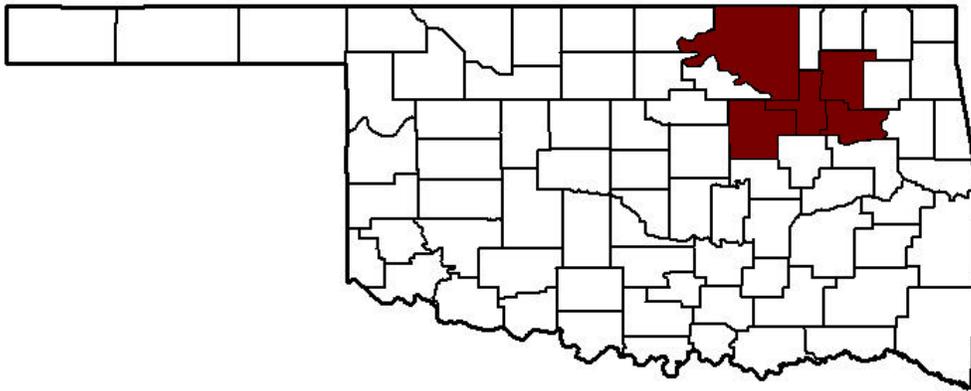
Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Crushing, grinding, and polishing machine setters, operators, and tenders	51-9021	210	\$9.18	\$7.60	\$8.72	\$9.98	\$19,100.00
Grinding and polishing workers, hand	51-9022	50	\$12.96	\$7.49	\$9.67	\$15.69	\$26,950.00
Mixing and blending machine setters, operators, and tenders	51-9023	140	\$10.81	\$8.70	\$10.36	\$11.87	\$22,490.00
Cutters and trimmers, hand	51-9031	60	\$9.22	\$5.96	\$9.16	\$10.85	\$19,180.00
Cutting and slicing machine setters, operators, and tenders	51-9032	160	\$9.64	\$6.40	\$9.73	\$11.25	\$20,040.00
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041	180	\$10.74	\$8.04	\$11.39	\$12.08	\$22,330.00
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051	70	\$9.24	\$6.27	\$8.69	\$10.73	\$19,230.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	1840	\$14.77	\$9.14	\$14.70	\$17.59	\$30,730.00
Jewelers and precious stone and metal workers	51-9071	70	\$11.27	\$6.78	\$9.28	\$13.51	\$23,440.00
Medical appliance technicians	51-9082	60	\$13.63	\$10.22	\$13.64	\$15.33	\$28,340.00
Ophthalmic laboratory technicians	51-9083	*	\$7.14	\$5.88	\$6.58	\$7.78	\$14,860.00
Packaging and filling machine operators and tenders	51-9111	520	\$10.30	\$7.86	\$10.56	\$11.52	\$21,420.00
Painters, transportation equipment	51-9122	*	\$13.22	\$9.89	\$13.71	\$14.89	\$27,510.00
Painting, coating, and decorating workers	51-9123	130	\$8.10	\$6.54	\$8.09	\$8.87	\$16,840.00
Photographic process workers	51-9131	*	\$9.21	\$8.34	\$9.36	\$9.65	\$19,160.00
Photographic processing machine operators	51-9132	*	\$7.29	\$5.84	\$7.18	\$8.01	\$15,160.00
Cementing and gluing machine operators and tenders	51-9191	30	\$8.93	\$7.71	\$8.14	\$9.54	\$18,580.00
Cleaning, washing, and metal pickling equipment operators and tenders	51-9192	*	\$9.29	\$7.27	\$9.02	\$10.30	\$19,330.00
Etchers and engravers	51-9194	50	\$7.87	\$5.92	\$7.47	\$8.84	\$16,360.00
Molders, shapers, and casters, except metal and plastic	51-9195	100	\$9.92	\$7.05	\$9.64	\$11.35	\$20,630.00
Paper goods machine setters, operators, and tenders	51-9196	270	\$11.11	\$8.33	\$11.30	\$12.49	\$23,100.00
Helpers--production workers	51-9198	2150	\$7.37	\$5.97	\$6.80	\$8.08	\$15,340.00

Oklahoma City MSA Wage Data Transportation and Material Moving Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Aircraft cargo handling supervisors	53-1011	50	\$14.34	\$10.07	\$12.96	\$16.47	\$29,820.00
First-line supervisors/managers of helpers, laborers, and material m	53-1021	480	\$16.69	\$10.17	\$16.27	\$19.95	\$34,720.00
First-line supervisors/managers of transportation and material-movin	53-1031	620	\$21.39	\$12.34	\$19.21	\$25.92	\$44,490.00
Airline pilots, copilots, and flight engineers	53-2011	170	*	*	*	*	\$62,040.00
Commercial pilots	53-2012	50	*	*	*	*	\$62,050.00
Bus drivers, transit and intercity	53-3021	690	\$12.45	\$7.92	\$13.94	\$14.71	\$25,890.00
Bus drivers, school	53-3022	1570	\$7.74	\$5.92	\$7.60	\$8.65	\$16,100.00
Driver/sales workers	53-3031	2110	\$11.40	\$8.45	\$11.62	\$12.88	\$23,720.00
Truck drivers, heavy and tractor-trailer	53-3032	8290	\$14.54	\$9.38	\$13.14	\$17.12	\$30,240.00
Truck drivers, light or delivery services	53-3033	5330	\$9.33	\$6.33	\$8.34	\$10.84	\$19,410.00
Taxi drivers and chauffeurs	53-3041	290	\$7.82	\$6.21	\$7.86	\$8.62	\$16,260.00
Motor vehicle operators, all other	53-3099	840	\$7.94	\$5.88	\$6.86	\$8.97	\$16,510.00
Parking lot attendants	53-6021	340	\$6.85	\$5.89	\$6.49	\$7.34	\$14,260.00
Service station attendants	53-6031	*	\$6.78	\$5.90	\$6.49	\$7.23	\$14,110.00
Traffic technicians	53-6041	60	\$11.31	\$7.84	\$9.08	\$13.05	\$23,530.00
Material moving workers	53-7000	560	\$10.36	\$5.96	\$7.93	\$12.57	\$21,560.00
Conveyor operators and tenders	53-7011	130	\$10.69	\$7.60	\$10.36	\$12.24	\$22,240.00
Crane and tower operators	53-7021	100	\$18.09	\$12.88	\$18.90	\$20.69	\$37,630.00
Excavating and loading machine and dragline operators	53-7032	260	\$12.03	\$9.69	\$11.10	\$13.19	\$25,010.00
Hoist and winch operators	53-7041	10	\$17.32	\$15.11	\$17.33	\$18.42	\$36,020.00
Industrial truck and tractor operators	53-7051	1490	\$10.55	\$7.84	\$10.31	\$11.91	\$21,950.00
Cleaners of vehicles and equipment	53-7061	1460	\$8.77	\$5.86	\$7.69	\$10.22	\$18,240.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Laborers and freight, stock, and material movers, hand	53-7062	8190	\$8.56	\$6.11	\$7.82	\$9.78	\$17,800.00
Machine feeders and offbearers	53-7063	490	\$9.16	\$6.90	\$8.46	\$10.29	\$19,050.00
Packers and packagers, hand	53-7064	1930	\$7.53	\$5.85	\$6.96	\$8.38	\$15,670.00
Pump operators, except wellhead pumpers	53-7072	*	\$6.37	\$5.82	\$6.05	\$6.65	\$13,260.00
Wellhead pumpers	53-7073	410	\$15.89	\$9.77	\$17.70	\$18.95	\$33,050.00
Refuse and recyclable material collectors	53-7081	*	\$7.62	\$5.98	\$6.63	\$8.44	\$15,850.00

TULSA MSA



Tulsa MSA Wage Data Management Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chief executives	11-1011	2540	\$45.83	\$22.96	\$46.36	\$57.27	\$95,320.00
General and operations managers	11-1021	9160	\$30.48	\$14.40	\$26.15	\$38.52	\$63,390.00
Legislators	11-1031	*	\$8.94	\$5.87	\$6.15	\$10.48	\$18,600.00
Advertising and promotions managers	11-2011	340	\$24.19	\$14.56	\$24.23	\$29.01	\$50,320.00
Marketing managers	11-2021	640	\$31.64	\$17.95	\$29.01	\$38.49	\$65,820.00
Sales managers	11-2022	1160	\$31.68	\$18.16	\$30.35	\$38.44	\$65,890.00
Public relations managers	11-2031	180	\$20.75	\$11.30	\$16.73	\$25.47	\$43,150.00
Administrative services managers	11-3011	2400	\$18.16	\$9.24	\$13.96	\$22.62	\$37,770.00
Computer and information systems managers	11-3021	760	\$31.30	\$17.91	\$29.10	\$37.99	\$65,100.00
Financial managers	11-3031	1970	\$31.01	\$16.54	\$29.90	\$38.25	\$64,500.00
Human resources managers	11-3040	1040	\$24.98	\$15.26	\$24.05	\$29.84	\$51,960.00
Industrial production managers	11-3051	850	\$28.31	\$17.56	\$27.66	\$33.69	\$58,890.00
Purchasing managers	11-3061	540	\$26.48	\$16.34	\$24.71	\$31.54	\$55,070.00
Transportation, storage, and distribution managers	11-3071	520	\$25.16	\$14.72	\$25.02	\$30.39	\$52,340.00
Other management occupations	11-9000	870	\$23.66	\$12.92	\$23.86	\$29.03	\$49,200.00
Construction managers	11-9021	530	\$26.52	\$19.36	\$26.65	\$30.10	\$55,150.00
Engineering managers	11-9041	800	\$37.33	\$24.67	\$38.24	\$43.67	\$77,650.00
Food service managers	11-9051	1040	\$14.67	\$11.52	\$13.56	\$16.24	\$30,510.00
Funeral directors	11-9061	140	\$22.68	\$20.27	\$23.19	\$23.89	\$47,180.00
Lodging managers	11-9081	*	\$10.29	\$7.60	\$7.94	\$11.63	\$21,400.00
Medical and health services managers	11-9111	680	\$32.22	\$19.44	\$29.06	\$38.61	\$67,020.00
Natural sciences managers	11-9121	110	\$30.27	\$17.88	\$25.25	\$36.47	\$62,960.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Postmasters and mail superintendents	11-9131	50	\$23.73	\$17.64	\$23.49	\$26.77	\$49,350.00
Property, real estate, and community association managers	11-9141	270	\$17.65	\$9.46	\$14.51	\$21.74	\$36,710.00
Social and community service managers	11-9151	160	\$14.32	\$7.34	\$11.11	\$17.81	\$29,780.00
Managers, all other	11-9199	1170	\$27.86	\$15.85	\$27.69	\$33.87	\$57,960.00

Tulsa MSA Wage Data Business and Financial Operations Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Agents and business managers of artists, performers, and athletes	13-1011	*	\$18.87	\$11.08	\$16.34	\$22.76	\$39,250.00
Purchasing agents and buyers, farm products	13-1021	60	\$17.25	\$11.93	\$17.03	\$19.91	\$35,880.00
Wholesale and retail buyers, except farm products	13-1022	610	\$18.30	\$10.93	\$17.04	\$21.99	\$38,070.00
Purchasing agents, except wholesale, retail, and farm products	13-1023	740	\$18.24	\$10.81	\$16.39	\$21.95	\$37,930.00
Compliance officers, except agriculture, construction, health and safety	13-1041	390	\$23.16	\$15.22	\$20.57	\$27.12	\$48,160.00
Cost estimators	13-1051	570	\$18.21	\$11.89	\$16.57	\$21.36	\$37,870.00
Emergency management specialists	13-1061	60	\$19.76	\$12.08	\$14.83	\$23.60	\$41,100.00
Employment, recruitment, and placement specialists	13-1071	610	\$15.91	\$10.75	\$15.06	\$18.49	\$33,090.00
Compensation, benefits, and job analysis specialists	13-1072	190	\$18.37	\$12.39	\$16.37	\$21.36	\$38,210.00
Training and development specialists	13-1073	1010	\$16.20	\$9.86	\$14.90	\$19.37	\$33,690.00
Management analysts	13-1111	550	\$28.91	\$16.73	\$27.86	\$35.00	\$60,130.00
Meeting and convention planners	13-1121	110	\$14.86	\$8.63	\$12.52	\$17.97	\$30,910.00
Business operations specialists, all other	13-1199	1360	\$24.70	\$15.26	\$24.14	\$29.43	\$51,380.00
Accountants and auditors	13-2011	3160	\$20.43	\$13.84	\$19.52	\$23.72	\$42,490.00
Appraisers and assessors of real estate	13-2021	140	\$18.09	\$10.33	\$18.52	\$21.96	\$37,620.00
Budget analysts	13-2031	150	\$20.87	\$13.35	\$18.75	\$24.63	\$43,410.00
Credit analysts	13-2041	240	\$18.13	\$11.88	\$15.97	\$21.26	\$37,720.00
Financial analysts	13-2051	290	\$21.72	\$13.05	\$19.12	\$26.06	\$45,180.00
Financial examiners	13-2061	80	\$24.77	\$15.65	\$24.57	\$29.33	\$51,520.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Loan counselors	13-2071	80	\$13.53	\$11.08	\$13.25	\$14.76	\$28,150.00
Loan officers	13-2072	480	\$23.90	\$14.69	\$22.45	\$28.50	\$49,700.00
Tax examiners, collectors, and revenue agents	13-2081	140	\$20.02	\$9.97	\$18.03	\$25.04	\$41,640.00
Tax preparers	13-2082	10	\$15.91	\$14.56	\$15.77	\$16.58	\$33,090.00
Financial specialists, all other	13-2099	120	\$19.46	\$11.89	\$17.50	\$23.25	\$40,480.00

Tulsa MSA Wage Data Computer and Mathematical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer programmers	15-1021	1430	\$26.77	\$17.62	\$25.39	\$31.34	\$55,670.00
Computer software engineers, applications	15-1031	920	\$29.88	\$25.16	\$30.54	\$32.23	\$62,140.00
Computer software engineers, systems software	15-1032	240	\$26.98	\$17.27	\$25.78	\$31.83	\$56,110.00
Computer support specialists	15-1041	1290	\$16.41	\$10.96	\$15.93	\$19.13	\$34,130.00
Computer systems analysts	15-1051	820	\$25.02	\$17.49	\$24.61	\$28.79	\$52,040.00
Database administrators	15-1061	290	\$24.84	\$16.53	\$23.89	\$28.99	\$51,660.00
Network and computer systems administrators	15-1071	1070	\$20.81	\$14.53	\$19.76	\$23.95	\$43,280.00
Network systems and data communications analysts	15-1081	250	\$24.27	\$16.22	\$23.60	\$28.29	\$50,470.00
Computer specialists, all other	15-1099	430	\$19.95	\$8.72	\$21.43	\$25.56	\$41,490.00
Operations research analysts	15-2031	*	\$22.07	\$18.10	\$21.12	\$24.06	\$45,910.00

Tulsa MSA Wage Data Architecture and Engineering Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Architects, except landscape and naval	17-1011	*	\$25.60	\$23.21	\$25.14	\$26.80	\$53,250.00
Surveyors	17-1022	*	\$10.57	\$5.82	\$6.47	\$12.95	\$21,990.00
Aerospace engineers	17-2011	*	\$27.15	\$23.10	\$25.67	\$29.18	\$56,470.00
Chemical engineers	17-2041	60	\$40.36	\$27.24	\$40.65	\$46.93	\$83,960.00
Civil engineers	17-2051	370	\$28.07	\$19.73	\$27.91	\$32.23	\$58,380.00
Computer hardware engineers	17-2061	60	\$32.22	\$16.05	\$30.68	\$40.30	\$67,010.00
Electrical engineers	17-2071	240	\$28.87	\$21.90	\$28.16	\$32.35	\$60,040.00
Electronics engineers, except computer	17-2072	200	\$30.99	\$20.49	\$33.98	\$36.25	\$64,470.00
Environmental engineers	17-2081	100	\$24.09	\$17.42	\$22.30	\$27.42	\$50,100.00
Health and safety engineers, except mining safety engineers and ins	17-2111	130	\$27.21	\$18.82	\$25.81	\$31.40	\$56,590.00
Industrial engineers	17-2112	820	\$28.33	\$21.84	\$27.06	\$31.57	\$58,920.00
Materials engineers	17-2131	90	\$22.27	\$8.84	\$18.90	\$28.99	\$46,320.00
Mechanical engineers	17-2141	810	\$29.67	\$21.39	\$29.89	\$33.81	\$61,710.00
Petroleum engineers	17-2171	460	\$38.02	\$24.01	\$39.55	\$45.02	\$79,080.00
Engineers, all other	17-2199	130	\$28.90	\$20.79	\$29.53	\$32.96	\$60,110.00
Architectural and civil drafters	17-3011	180	\$19.71	\$14.26	\$18.40	\$22.43	\$40,990.00
Electrical and electronics drafters	17-3012	280	\$20.68	\$13.10	\$20.05	\$24.47	\$43,010.00
Mechanical drafters	17-3013	540	\$18.78	\$13.19	\$18.67	\$21.58	\$39,070.00
Aerospace engineering and operations technicians	17-3021	*	\$21.47	\$14.65	\$22.96	\$24.87	\$44,650.00
Civil engineering technicians	17-3022	160	\$20.00	\$14.77	\$19.29	\$22.61	\$41,590.00
Electrical and electronic engineering technicians	17-3023	450	\$19.00	\$12.04	\$16.36	\$22.47	\$39,510.00
Electro-mechanical technicians	17-3024	260	\$24.07	\$13.35	\$25.46	\$29.43	\$50,060.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Environmental engineering technicians	17-3025	40	\$14.48	\$10.77	\$14.02	\$16.33	\$30,120.00
Industrial engineering technicians	17-3026	210	\$14.53	\$9.37	\$12.53	\$17.12	\$30,230.00
Mechanical engineering technicians	17-3027	240	\$19.90	\$13.61	\$17.91	\$23.04	\$41,390.00
Surveying and mapping technicians	17-3031	240	\$15.41	\$10.09	\$14.84	\$18.07	\$32,050.00
All other drafters, engineering, and mapping technicians	17-3099	310	\$18.91	\$11.86	\$18.67	\$22.44	\$39,340.00

Tulsa MSA Wage Data

Life, Physical, and Social Science Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Life, physical, and social science occupations	19-0000	*	\$22.12	\$15.28	\$21.55	\$25.54	\$46,010.00
Agricultural and food scientists	19-1010	40	\$24.89	\$19.78	\$25.34	\$27.45	\$51,780.00
Conservation scientists	19-1031	10	\$19.72	\$11.65	\$16.88	\$23.75	\$41,010.00
Atmospheric and space scientists	19-2021	20	\$30.63	\$19.91	\$29.10	\$35.98	\$63,700.00
Materials scientists	19-2032	20	\$40.11	\$22.25	\$33.78	\$49.04	\$83,430.00
Environmental scientists and specialists, including health	19-2041	250	\$21.80	\$13.89	\$16.94	\$25.75	\$45,340.00
Geoscientists, except hydrologists and geographers	19-2042	320	\$40.88	\$27.28	\$41.67	\$47.68	\$85,040.00
Hydrologists	19-2043	30	\$25.16	\$17.90	\$25.54	\$28.79	\$52,340.00
Physical scientists, all other	19-2099	40	\$24.55	\$9.98	\$25.84	\$31.83	\$51,060.00
Social scientists and related workers	19-3000	150	\$18.63	\$12.96	\$16.42	\$21.46	\$38,740.00
Economists	19-3011	20	\$37.47	\$26.25	\$35.55	\$43.08	\$77,940.00
Market research analysts	19-3021	280	\$20.79	\$10.08	\$18.90	\$26.14	\$43,230.00
Social scientists and related workers, all other	19-3099	60	\$23.50	\$16.53	\$23.98	\$26.98	\$48,880.00
Biological technicians	19-4021	*	\$12.24	\$9.44	\$11.39	\$13.64	\$25,460.00
Geological and petroleum technicians	19-4041	320	\$15.11	\$9.91	\$15.36	\$17.70	\$31,420.00
Environmental science and protection technicians, including health	19-4091	60	\$13.44	\$9.24	\$10.76	\$15.53	\$27,950.00
Forensic science technicians	19-4092	*	\$13.21	\$12.45	\$13.04	\$13.59	\$27,480.00
Life, physical, and social science technicians, all other	19-4099	160	\$20.22	\$11.75	\$18.52	\$24.46	\$42,060.00

Tulsa MSA Wage Data Community and Social Services Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Substance abuse and behavioral disorder counselors	21-1011	40	\$14.37	\$12.18	\$13.66	\$15.46	\$29,890.00
Educational, vocational, and school counselors	21-1012	760	\$15.17	\$9.75	\$15.23	\$17.88	\$31,560.00
Marriage and family therapists	21-1013	80	\$16.83	\$13.31	\$16.11	\$18.58	\$35,000.00
Mental health counselors	21-1014	350	\$11.89	\$7.25	\$12.16	\$14.21	\$24,730.00
Rehabilitation counselors	21-1015	1820	\$7.85	\$6.05	\$7.62	\$8.75	\$16,320.00
Medical and public health social workers	21-1022	150	\$13.03	\$9.56	\$13.20	\$14.77	\$27,110.00
Mental health and substance abuse social workers	21-1023	210	\$13.66	\$11.32	\$13.75	\$14.83	\$28,420.00
Health educators	21-1091	30	\$13.09	\$9.40	\$10.85	\$14.93	\$27,220.00
Social and human service assistants	21-1093	170	\$11.27	\$7.55	\$10.24	\$13.13	\$23,430.00
Clergy	21-2011	30	\$17.33	\$12.88	\$18.23	\$19.56	\$36,060.00
All other counselors, social and religious workers	21-9099	160	\$13.44	\$10.19	\$12.46	\$15.07	\$27,960.00

Tulsa MSA Wage Data Legal Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lawyers	23-1011	1550	\$42.04	\$23.79	\$37.41	\$51.16	\$87,440.00
Paralegals and legal assistants	23-2011	380	\$17.55	\$12.94	\$17.79	\$19.85	\$36,500.00
Law clerks	23-2092	*	\$11.48	\$6.85	\$10.19	\$13.79	\$23,870.00
Title examiners, abstractors, and searchers	23-2093	290	\$17.76	\$10.71	\$18.08	\$21.29	\$36,940.00
All other legal and related workers	23-9099	30	\$16.51	\$13.59	\$16.44	\$17.98	\$34,350.00

Tulsa MSA Wage Data Education, Training, and Library Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Postsecondary Teachers	25-1000	1820	\$22.23	\$11.55	\$19.53	\$27.56	\$46,230.00
Preschool teachers, except special education	25-2011	1550	\$8.08	\$6.29	\$7.71	\$8.98	\$16,820.00
Kindergarten teachers, except special education	25-2012	450	*	*	*	*	\$30,250.00
Elementary school teachers, except special education	25-2021	3320	*	*	*	*	\$31,990.00
Middle school teachers, except special and vocational education	25-2022	2290	*	*	*	*	\$31,630.00
Vocational education teachers, middle school	25-2023	50	*	*	*	*	\$40,110.00
Secondary school teachers, except special and vocational education	25-2031	3740	*	*	*	*	\$33,730.00
Vocational education teachers, secondary school	25-2032	270	*	*	*	*	\$36,340.00
Special education teachers, preschool, kindergarten, and elementary	25-2041	380	*	*	*	*	\$34,220.00
Special education teachers, middle school	25-2042	*	*	*	*	*	\$32,730.00
Special education teachers, secondary school	25-2043	260	*	*	*	*	\$35,410.00
Adult literacy, remedial education, and GED teachers and instructors	25-3011	290	\$15.48	\$11.33	\$15.20	\$17.56	\$32,210.00
Self-enrichment education teachers	25-3021	250	\$13.09	\$7.77	\$13.18	\$15.76	\$27,240.00
Archivists, curators, and museum technicians	25-4010	*	\$17.38	\$9.55	\$16.22	\$21.30	\$36,150.00
Librarians	25-4021	340	\$17.54	\$13.28	\$16.90	\$19.66	\$36,470.00
Library technicians	25-4031	210	\$7.76	\$6.25	\$7.78	\$8.52	\$16,150.00
Audio-visual collections specialists	25-9011	20	\$13.45	\$7.30	\$13.11	\$16.53	\$27,980.00
Instructional coordinators	25-9031	160	\$21.49	\$14.39	\$20.38	\$25.04	\$44,690.00
Teacher assistants	25-9041	2060	*	*	*	*	\$15,260.00
Library, museum, training, and other education workers, all other	25-9199	10	\$13.24	\$8.78	\$13.55	\$15.47	\$27,540.00

Tulsa MSA Wage Data Arts, Design, Entertainment, Sports, and Media Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Art directors	27-1011	90	\$17.14	\$13.74	\$16.58	\$18.84	\$35,640.00
Multi-media artists and animators	27-1014	*	\$12.27	\$9.89	\$11.90	\$13.46	\$25,510.00
Commercial and industrial designers	27-1021	*	\$18.35	\$11.51	\$18.84	\$21.78	\$38,180.00
Floral designers	27-1023	340	\$8.74	\$7.45	\$8.44	\$9.38	\$18,180.00
Graphic designers	27-1024	340	\$16.34	\$9.71	\$14.38	\$19.65	\$33,990.00
Interior designers	27-1025	80	\$17.96	\$12.39	\$16.37	\$20.75	\$37,360.00
Merchandise displayers and window trimmers	27-1026	100	\$12.26	\$7.53	\$10.35	\$14.63	\$25,500.00
All other art and design workers	27-1099	*	\$9.88	\$6.06	\$7.85	\$11.78	\$20,540.00
Producers and directors	27-2012	170	*	*	*	*	\$32,930.00
Coaches and scouts	27-2022	290	*	*	*	*	\$38,540.00
Choreographers	27-2032	70	\$14.08	\$9.21	\$13.38	\$16.51	\$29,290.00
Music directors and composers	27-2041	20	*	*	*	*	\$36,970.00
Musicians and singers	27-2042	280	*	*	*	*	\$23,300.00
Entertainers and performers, sports and related workers, all other	27-2099	50	*	*	*	*	\$19,570.00
Announcers	27-3010	*	\$7.81	\$6.50	\$7.53	\$8.46	\$16,230.00
News analysts, reporters and correspondents	27-3020	210	\$13.34	\$7.24	\$10.95	\$16.40	\$27,760.00
Public relations specialists	27-3031	*	\$13.66	\$9.92	\$13.34	\$15.53	\$28,400.00
Editors	27-3041	250	\$12.97	\$9.25	\$11.73	\$14.82	\$26,970.00
Technical writers	27-3042	*	\$20.33	\$13.04	\$20.29	\$23.98	\$42,290.00
Writers and authors	27-3043	70	\$17.06	\$12.29	\$18.24	\$19.45	\$35,490.00
Media and communication workers, all other	27-3099	30	\$20.63	\$11.77	\$20.29	\$25.05	\$42,900.00
Audio and video equipment technicians	27-4011	70	\$14.29	\$9.36	\$12.67	\$16.75	\$29,720.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Broadcast technicians	27-4012	60	\$14.00	\$8.33	\$11.16	\$16.83	\$29,110.00
Sound engineering technicians	27-4014	70	\$15.20	\$9.05	\$14.95	\$18.27	\$31,610.00
Photographers	27-4021	160	\$12.06	\$7.73	\$11.30	\$14.22	\$25,080.00
Camera operators, television, video, and motion picture	27-4031	50	\$9.89	\$7.42	\$8.42	\$11.12	\$20,570.00
Film and video editors	27-4032	20	\$17.13	\$9.28	\$18.28	\$21.06	\$35,640.00
Media and communication equipment workers, all other	27-4099	*	\$8.24	\$5.82	\$6.20	\$9.44	\$17,130.00

Tulsa MSA Wage Data Healthcare Practitioners and Technical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Dentists	29-1020	390	\$35.21	\$12.03	\$44.50	\$46.80	\$73,240.00
Dietitians and nutritionists	29-1031	*	\$16.29	\$9.65	\$16.35	\$19.61	\$33,890.00
Optometrists	29-1041	*	\$43.69	\$36.97	\$40.56	\$47.05	\$90,870.00
Pharmacists	29-1051	620	\$32.10	\$28.42	\$32.60	\$33.94	\$66,760.00
Physicians and surgeons	29-1060	1920	\$59.21	\$40.00	*	\$68.81	\$123,150.00
Physician assistants	29-1071	*	\$28.24	\$22.82	\$25.55	\$30.95	\$58,740.00
Registered nurses	29-1111	6140	\$20.77	\$16.43	\$20.46	\$22.94	\$43,200.00
Audiologists	29-1121	*	\$21.00	\$15.35	\$19.41	\$23.83	\$43,680.00
Occupational therapists	29-1122	*	\$23.25	\$14.07	\$24.10	\$27.84	\$48,360.00
Physical therapists	29-1123	250	\$25.41	\$18.75	\$24.69	\$28.74	\$52,850.00
Radiation therapists	29-1124	*	\$20.28	\$16.79	\$20.20	\$22.03	\$42,190.00
Recreational therapists	29-1125	130	\$17.74	\$11.83	\$16.52	\$20.70	\$36,910.00
Respiratory therapists	29-1126	*	\$12.38	\$5.99	\$13.86	\$15.58	\$25,760.00
Speech-language pathologists	29-1127	220	\$18.30	\$14.94	\$17.71	\$19.98	\$38,060.00
Veterinarians	29-1131	80	\$26.57	\$11.00	\$21.49	\$34.36	\$55,270.00
Health diagnosing and treating practitioners, all other	29-1199	*	\$18.32	\$12.57	\$18.49	\$21.19	\$38,100.00
Medical and clinical laboratory technologists	29-2011	460	\$19.92	\$14.45	\$18.55	\$22.65	\$41,430.00
Medical and clinical laboratory technicians	29-2012	350	\$11.93	\$9.36	\$12.01	\$13.22	\$24,820.00
Dental hygienists	29-2021	250	\$23.42	\$20.22	\$24.23	\$25.03	\$48,720.00
Cardiovascular technologists and technicians	29-2031	60	\$11.03	\$9.13	\$10.32	\$11.98	\$22,940.00
Diagnostic medical sonographers	29-2032	30	\$20.43	\$16.67	\$20.64	\$22.30	\$42,480.00
Nuclear medicine technologists	29-2033	30	\$22.23	\$16.95	\$20.31	\$24.86	\$46,230.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Radiologic technologists and technicians	29-2034	450	\$16.13	\$12.19	\$15.79	\$18.10	\$33,550.00
Emergency medical technicians and paramedics	29-2041	350	\$10.43	\$6.97	\$10.01	\$12.16	\$21,690.00
Pharmacy technicians	29-2052	470	\$8.98	\$7.28	\$8.60	\$9.83	\$18,680.00
Psychiatric technicians	29-2053	710	\$13.27	\$9.07	\$10.21	\$15.37	\$27,590.00
Respiratory therapy technicians	29-2054	160	\$15.02	\$8.87	\$13.07	\$18.10	\$31,250.00
Surgical technologists	29-2055	330	\$13.31	\$9.71	\$13.14	\$15.12	\$27,690.00
Veterinary technologists and technicians	29-2056	60	\$8.66	\$7.71	\$8.66	\$9.13	\$18,000.00
Licensed practical and licensed vocational nurses	29-2061	2720	\$13.72	\$10.16	\$12.46	\$15.51	\$28,540.00
Medical records and health information technicians	29-2071	640	\$10.39	\$7.59	\$9.68	\$11.79	\$21,600.00
Occupational health and safety specialists and technicians	29-9010	*	\$26.39	\$17.28	\$25.60	\$30.94	\$54,880.00
Health professionals and technicians, all other	29-9199	*	\$12.15	\$7.44	\$9.80	\$14.50	\$25,260.00

Tulsa MSA Wage Data Healthcare Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Home health aides	31-1011	1540	\$8.25	\$7.16	\$8.10	\$8.79	\$17,150.00
Nursing aides, orderlies, and attendants	31-1012	4180	\$7.66	\$6.36	\$7.67	\$8.31	\$15,940.00
Occupational therapist assistants	31-2011	60	\$17.88	\$14.34	\$17.38	\$19.65	\$37,190.00
Physical therapist assistants	31-2021	100	\$16.72	\$13.04	\$16.97	\$18.55	\$34,770.00
Physical therapist aides	31-2022	100	\$9.50	\$7.39	\$9.29	\$10.56	\$19,760.00
Dental assistants	31-9091	720	\$12.49	\$11.14	\$12.16	\$13.16	\$25,980.00
Medical assistants	31-9092	820	\$10.37	\$9.36	\$9.97	\$10.87	\$21,560.00
Medical equipment preparers	31-9093	40	\$8.84	\$7.26	\$8.50	\$9.63	\$18,390.00
Medical transcriptionists	31-9094	260	\$12.76	\$10.23	\$12.67	\$14.02	\$26,530.00
Pharmacy aides	31-9095	180	\$8.35	\$6.36	\$7.97	\$9.34	\$17,360.00
Veterinary assistants and laboratory animal caretakers	31-9096	300	\$6.87	\$5.93	\$6.65	\$7.34	\$14,290.00
Healthcare support workers, all other	31-9099	300	\$8.89	\$7.39	\$8.69	\$9.64	\$18,480.00

Tulsa MSA Wage Data Protective Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of correctional officers	33-1011	*	\$11.03	\$9.55	\$10.15	\$11.77	\$22,940.00
First-line supervisors/managers of police and detectives	33-1012	140	\$18.12	\$10.57	\$19.14	\$21.90	\$37,700.00
First-line supervisors/managers of fire fighting and prevention workers	33-1021	120	\$18.73	\$13.67	\$17.62	\$21.26	\$38,950.00
First-line supervisors/managers, protective service workers, all other	33-1099	*	\$9.79	\$7.60	\$8.19	\$10.89	\$20,370.00
Fire fighting and prevention workers	33-2000	30	\$12.83	\$7.76	\$11.29	\$15.36	\$26,680.00
Fire fighters	33-2011	*	\$15.94	\$15.06	\$15.94	\$16.38	\$33,160.00
Correctional officers and jailers	33-3012	880	\$9.54	\$7.31	\$9.37	\$10.65	\$19,840.00
Detectives and criminal investigators	33-3021	*	\$21.36	\$12.84	\$20.68	\$25.62	\$44,430.00
Police and sheriff's patrol officers	33-3051	1270	\$13.86	\$9.82	\$13.56	\$15.87	\$28,820.00
Private detectives and investigators	33-9021	70	\$11.19	\$7.61	\$8.18	\$12.99	\$23,280.00
Security guards	33-9032	4970	\$8.59	\$7.31	\$7.95	\$9.23	\$17,870.00
Crossing guards	33-9091	*	\$10.74	\$7.10	\$11.92	\$12.56	\$22,330.00
Protective service workers, all other	33-9099	230	\$7.69	\$5.86	\$6.33	\$8.60	\$15,990.00

Tulsa MSA Wage Data Food Preparation and Serving Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chefs and head cooks	35-1011	300	\$9.81	\$6.67	\$9.49	\$11.37	\$20,400.00
First-line supervisors/managers of food preparation and serving work	35-1012	1670	\$10.39	\$7.61	\$9.39	\$11.79	\$21,620.00
Cooks, fast food	35-2011	*	\$6.58	\$5.95	\$6.56	\$6.89	\$13,680.00
Cooks, institution and cafeteria	35-2012	1540	\$7.39	\$5.92	\$6.97	\$8.13	\$15,380.00
Cooks, restaurant	35-2014	1100	\$7.38	\$5.92	\$7.04	\$8.11	\$15,350.00
Cooks, short order	35-2015	*	\$8.04	\$6.37	\$7.73	\$8.87	\$16,720.00
Food preparation workers	35-2021	1660	\$6.94	\$5.85	\$6.80	\$7.49	\$14,440.00
Bartenders	35-3011	450	\$6.55	\$5.90	\$6.35	\$6.88	\$13,630.00
Combined food preparation and serving workers, including fast food	35-3021	7710	\$6.65	\$5.86	\$6.63	\$7.04	\$13,820.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	*	\$6.76	\$5.85	\$6.33	\$7.22	\$14,070.00
Waiters and waitresses	35-3031	4970	\$6.03	\$5.86	\$6.10	\$6.11	\$12,540.00
Food servers, nonrestaurant	35-3041	340	\$6.86	\$5.88	\$6.87	\$7.35	\$14,260.00
Dining room and cafeteria attendants and bartender helpers	35-9011	820	\$6.32	\$5.90	\$6.31	\$6.54	\$13,150.00
Dishwashers	35-9021	1650	\$6.24	\$5.87	\$6.21	\$6.42	\$12,980.00
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	450	\$6.46	\$5.88	\$6.26	\$6.75	\$13,440.00
Food preparation and serving related workers, all other	35-9099	100	\$7.69	\$5.83	\$7.47	\$8.63	\$16,000.00

Tulsa MSA Wage Data Building and Grounds Cleaning and Maintenance Occupations

Average Hourly Range

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
First-line supervisors/managers of housekeeping and janitorial work	37-1011	380	\$11.34	\$7.95	\$10.29	\$13.03	\$23,580.00
First-line supervisors/managers of landscaping, lawn service, and gr	37-1012	140	\$13.57	\$8.04	\$14.59	\$16.33	\$28,230.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	4850	\$7.39	\$5.87	\$6.81	\$8.15	\$15,370.00
Maids and housekeeping cleaners	37-2012	2920	\$6.87	\$5.86	\$6.64	\$7.38	\$14,290.00
Landscaping and groundskeeping workers	37-3011	1540	\$8.88	\$6.91	\$8.20	\$9.87	\$18,480.00
Tree trimmers and pruners	37-3013	500	\$10.50	\$9.14	\$10.19	\$11.18	\$21,840.00
All other building and grounds cleaning and maintenance workers	37-9099	*	\$9.11	\$7.69	\$8.08	\$9.81	\$18,940.00

Tulsa MSA Wage Data Personal Care and Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of personal service workers	39-1021	140	\$12.90	\$8.21	\$11.18	\$15.25	\$26,840.00
Nonfarm animal caretakers	39-2021	290	\$7.89	\$5.96	\$7.46	\$8.85	\$16,410.00
Entertainment attendants and related workers	39-3000	*	\$11.20	\$8.57	\$12.07	\$12.51	\$23,290.00
Ushers, lobby attendants, and ticket takers	39-3031	*	\$6.07	\$5.85	\$6.06	\$6.18	\$12,620.00
Amusement and recreation attendants	39-3091	180	\$7.20	\$5.89	\$6.62	\$7.86	\$14,980.00
Barbers	39-5011	*	\$8.12	\$6.87	\$8.00	\$8.75	\$16,890.00
Hairdressers, hairstylists, and cosmetologists	39-5012	810	\$10.36	\$6.70	\$8.98	\$12.18	\$21,540.00
Manicurists and pedicurists	39-5092	40	\$8.75	\$6.27	\$8.73	\$9.98	\$18,190.00
Skin care specialists	39-5094	40	\$8.70	\$5.88	\$7.94	\$10.11	\$18,100.00
Baggage porters and bellhops	39-6011	*	\$6.01	\$5.95	\$6.18	\$6.04	\$12,500.00
Other personal care and service workers	39-9000	30	\$7.96	\$5.85	\$6.89	\$9.01	\$16,560.00
Child care workers	39-9011	760	\$6.74	\$5.88	\$6.49	\$7.16	\$14,010.00
Personal and home care aides	39-9021	1730	\$6.26	\$5.82	\$6.17	\$6.48	\$13,030.00
Fitness trainers and aerobics instructors	39-9031	520	\$10.63	\$7.87	\$10.22	\$12.01	\$22,110.00
Recreation workers	39-9032	*	\$8.19	\$5.99	\$7.34	\$9.30	\$17,040.00
Residential advisors	39-9041	120	\$10.48	\$8.48	\$9.72	\$11.49	\$21,810.00

Tulsa MSA Wage Data Sales and Related Occupations

Average Hourly Range

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
First-line supervisors/managers of retail sales workers	41-1011	4140	\$14.33	\$8.36	\$12.21	\$17.32	\$29,810.00
First-line supervisors/managers of non-retail sales workers	41-1012	640	\$21.44	\$12.42	\$19.72	\$25.95	\$44,600.00
Cashiers	41-2011	8910	\$6.95	\$5.87	\$6.52	\$7.50	\$14,460.00
Gaming change persons and booth cashiers	41-2012	270	\$7.46	\$6.38	\$7.58	\$8.00	\$15,520.00
Counter and rental clerks	41-2021	1940	\$7.67	\$5.88	\$7.30	\$8.56	\$15,960.00
Parts salespersons	41-2022	1210	\$10.71	\$6.35	\$9.64	\$12.89	\$22,280.00
Retail salespersons	41-2031	13740	\$9.47	\$5.86	\$7.83	\$11.28	\$19,700.00
Advertising sales agents	41-3011	470	\$15.57	\$7.60	\$13.86	\$19.56	\$32,380.00
Insurance sales agents	41-3021	710	\$15.74	\$11.15	\$13.82	\$18.04	\$32,750.00
Securities, commodities, and financial services sales agents	41-3031	680	\$25.54	\$13.69	\$20.06	\$31.47	\$53,130.00
Sales representatives, wholesale and manufacturing, technical and s	41-4011	1270	\$25.44	\$14.96	\$23.19	\$30.68	\$52,910.00
Sales representatives, wholesale and manufacturing, except technic	41-4012	3860	\$19.95	\$10.96	\$18.10	\$24.44	\$41,490.00
Demonstrators and product promoters	41-9011	160	\$15.04	\$9.18	\$13.22	\$17.98	\$31,290.00
Real estate brokers	41-9021	290	\$53.77	\$24.54	*	\$68.39	\$111,850.00
Real estate sales agents	41-9022	140	\$14.64	\$8.18	\$14.29	\$17.88	\$30,460.00
Sales engineers	41-9031	400	\$23.41	\$11.02	\$22.23	\$29.61	\$48,700.00
Telemarketers	41-9041	3680	\$7.33	\$5.89	\$6.88	\$8.06	\$15,250.00
Door-to-door sales workers, news and street vendors, and related w	41-9091	*	\$22.69	\$9.20	\$17.11	\$29.43	\$47,190.00
Sales and related workers, all other	41-9099	1390	\$16.12	\$8.22	\$15.27	\$20.07	\$33,530.00

Tulsa MSA Wage Data Office and Administrative Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of office and administrative support	43-1011	3690	\$17.99	\$10.66	\$16.14	\$21.66	\$37,430.00

Switchboard operators, including answering service	43-2011	620	\$9.18	\$7.36	\$8.89	\$10.10	\$19,100.00
Telephone operators	43-2021	300	\$15.31	\$14.28	\$15.79	\$15.82	\$31,840.00
Communications equipment operators, all other	43-2099	*	\$10.20	\$8.00	\$9.73	\$11.30	\$21,220.00
Bill and account collectors	43-3011	840	\$12.07	\$9.51	\$12.00	\$13.35	\$25,100.00
Billing and posting clerks and machine operators	43-3021	1220	\$11.54	\$8.48	\$11.08	\$13.06	\$23,990.00
Bookkeeping, accounting, and auditing clerks	43-3031	5150	\$12.31	\$8.87	\$11.76	\$14.02	\$25,600.00
Payroll and timekeeping clerks	43-3051	750	\$12.18	\$8.38	\$11.91	\$14.08	\$25,330.00
Procurement clerks	43-3061	280	\$12.52	\$9.29	\$12.09	\$14.13	\$26,030.00
Tellers	43-3071	1480	\$9.03	\$7.43	\$8.95	\$9.83	\$18,780.00
Brokerage clerks	43-4011	140	\$11.68	\$8.99	\$11.42	\$13.02	\$24,290.00
Correspondence clerks	43-4021	70	\$10.90	\$8.88	\$10.89	\$11.92	\$22,680.00
Court, municipal, and license clerks	43-4031	120	\$12.09	\$9.49	\$12.03	\$13.40	\$25,150.00
Credit authorizers, checkers, and clerks	43-4041	430	\$13.30	\$9.09	\$11.90	\$15.41	\$27,670.00
Customer service representatives	43-4051	6940	\$11.84	\$8.40	\$11.39	\$13.56	\$24,630.00
File clerks	43-4071	970	\$8.24	\$6.03	\$8.00	\$9.35	\$17,150.00
Hotel, motel, and resort desk clerks	43-4081	740	\$7.16	\$5.96	\$7.41	\$7.77	\$14,900.00
Interviewers, except eligibility and loan	43-4111	290	\$9.88	\$7.75	\$9.28	\$10.95	\$20,560.00
Library assistants, clerical	43-4121	*	\$10.56	\$6.87	\$8.31	\$12.41	\$21,970.00
Loan interviewers and clerks	43-4131	640	\$12.53	\$10.60	\$12.20	\$13.50	\$26,070.00
New accounts clerks	43-4141	200	\$11.07	\$8.74	\$10.53	\$12.24	\$23,020.00
Order clerks	43-4151	1030	\$11.27	\$7.01	\$10.57	\$13.40	\$23,440.00

Average Hourly Range

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Human resources assistants, except payroll and timekeeping	43-4161	730	\$11.42	\$8.80	\$11.02	\$12.72	\$23,740.00
Receptionists and information clerks	43-4171	2950	\$9.05	\$7.10	\$8.86	\$10.03	\$18,830.00
All other financial, information, and record clerks	43-4999	440	\$11.97	\$8.08	\$10.30	\$13.91	\$24,890.00
Cargo and freight agents	43-5011	*	\$12.61	\$9.35	\$11.39	\$14.24	\$26,220.00
Couriers and messengers	43-5021	270	\$10.65	\$6.83	\$8.11	\$12.55	\$22,140.00
Police, fire, and ambulance dispatchers	43-5031	150	\$10.85	\$8.05	\$10.80	\$12.24	\$22,560.00
Dispatchers, except police, fire, and ambulance	43-5032	750	\$14.49	\$9.51	\$11.81	\$16.98	\$30,140.00
Meter readers, utilities	43-5041	160	\$12.30	\$9.09	\$10.75	\$13.91	\$25,590.00
Postal service clerks	43-5051	170	\$18.65	\$17.88	\$19.01	\$19.03	\$38,790.00
Postal service mail carriers	43-5052	1120	\$17.59	\$13.88	\$18.34	\$19.45	\$36,590.00
Postal service mail sorters, processors, and processing machine operators	43-5053	650	\$14.73	\$9.77	\$15.37	\$17.21	\$30,650.00

Production, planning, and expediting clerks	43-5061	1190	\$16.86	\$10.87	\$14.85	\$19.85	\$35,060.00
Shipping, receiving, and traffic clerks	43-5071	2780	\$10.39	\$8.00	\$9.88	\$11.58	\$21,610.00
Stock clerks and order fillers	43-5081	4950	\$9.46	\$6.39	\$8.33	\$10.99	\$19,670.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	320	\$12.95	\$10.18	\$12.84	\$14.34	\$26,940.00
All other material recording, scheduling, dispatching, and distributing	43-5199	80	\$14.48	\$10.17	\$13.33	\$16.64	\$30,120.00
Executive secretaries and administrative assistants	43-6011	3690	\$13.42	\$9.62	\$12.77	\$15.31	\$27,910.00
Legal secretaries	43-6012	960	\$13.59	\$11.62	\$13.65	\$14.58	\$28,280.00
Medical secretaries	43-6013	910	\$10.92	\$8.01	\$10.04	\$12.37	\$22,710.00
Secretaries, except legal, medical, and executive	43-6014	4440	\$11.10	\$7.84	\$10.67	\$12.73	\$23,090.00
Computer operators	43-9011	570	\$14.49	\$9.64	\$13.25	\$16.92	\$30,140.00
Data entry keyers	43-9021	1490	\$10.13	\$7.56	\$9.40	\$11.41	\$21,070.00
Word processors and typists	43-9022	280	\$10.14	\$7.90	\$9.81	\$11.26	\$21,090.00
Desktop publishers	43-9031	50	\$13.31	\$7.19	\$13.24	\$16.36	\$27,680.00
Insurance claims and policy processing clerks	43-9041	500	\$14.70	\$10.05	\$13.16	\$17.02	\$30,570.00
Mail clerks and mail machine operators, except postal service	43-9051	640	\$8.71	\$7.02	\$8.01	\$9.56	\$18,120.00
Office clerks, general	43-9061	9820	\$9.98	\$7.22	\$9.54	\$11.36	\$20,760.00
Office machine operators, except computer	43-9071	*	\$9.47	\$6.19	\$8.17	\$11.11	\$19,700.00
Proofreaders and copy markers	43-9081	70	\$9.95	\$6.49	\$9.17	\$11.69	\$20,700.00
All other secretaries, administrative assistants, and other office supp	43-9999	1150	\$11.58	\$7.14	\$10.98	\$13.80	\$24,080.00

Tulsa MSA Wage Data Farming, Fishing, and Forestry Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of farming, fishing, and forestry work	45-1011	20	\$15.92	\$9.76	\$11.03	\$19.00	\$33,110.00
Farmworkers and laborers, crop, nursery, and greenhouse	45-2092	40	\$7.89	\$5.82	\$8.24	\$8.92	\$16,410.00
Farmworkers, farm and ranch animals	45-2093	150	\$6.64	\$5.83	\$6.20	\$7.05	\$13,810.00

Tulsa MSA Wage Data Construction and Extraction Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of construction trades and extractor	47-1011	1540	\$20.16	\$13.33	\$19.86	\$23.58	\$41,940.00
Boilermakers	47-2011	40	\$8.69	\$7.26	\$7.88	\$9.40	\$18,070.00
Brickmasons and blockmasons	47-2021	160	\$19.51	\$15.79	\$19.57	\$21.37	\$40,580.00
Carpenters	47-2031	1040	\$13.43	\$10.49	\$13.41	\$14.89	\$27,930.00
Cement masons and concrete finishers	47-2051	620	\$14.40	\$11.40	\$13.91	\$15.90	\$29,950.00
Construction laborers	47-2061	2330	\$9.90	\$7.66	\$9.62	\$11.02	\$20,590.00
Paving, surfacing, and tamping equipment operators	47-2071	110	\$11.72	\$9.60	\$10.71	\$12.78	\$24,380.00
Operating engineers and other construction equipment operators	47-2073	1050	\$13.87	\$9.93	\$13.39	\$15.83	\$28,840.00
Drywall and ceiling tile installers	47-2081	360	\$14.82	\$12.44	\$14.94	\$16.01	\$30,820.00
Electricians	47-2111	1380	\$17.13	\$13.00	\$16.80	\$19.20	\$35,630.00
Glaziers	47-2121	*	\$11.43	\$8.86	\$11.10	\$12.72	\$23,780.00
Insulation workers	47-2130	80	\$14.77	\$10.05	\$14.15	\$17.13	\$30,720.00
Painters, construction and maintenance	47-2141	640	\$11.94	\$8.57	\$11.98	\$13.63	\$24,840.00
Pipelayers	47-2151	210	\$10.27	\$9.47	\$10.17	\$10.67	\$21,360.00
Plumbers, pipefitters, and steamfitters	47-2152	1290	\$17.56	\$12.29	\$17.00	\$20.20	\$36,520.00
Plasterers and stucco masons	47-2161	*	\$15.28	\$12.94	\$15.19	\$16.44	\$31,770.00
Roofers	47-2181	150	\$12.03	\$9.38	\$11.65	\$13.36	\$25,030.00
Sheet metal workers	47-2211	1070	\$16.58	\$10.53	\$16.04	\$19.60	\$34,480.00
Structural iron and steel workers	47-2221	*	\$11.91	\$9.53	\$10.07	\$13.11	\$24,780.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and ma	47-3011	130	\$9.95	\$8.93	\$9.97	\$10.47	\$20,710.00
Helpers--carpenters	47-3012	160	\$9.98	\$8.68	\$9.89	\$10.63	\$20,770.00
Helpers--electricians	47-3013	*	\$11.92	\$9.80	\$11.90	\$12.97	\$24,790.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Helpers--painters, paperhangers, plasterers, and stucco masons	47-3014	80	\$9.06	\$6.41	\$9.14	\$10.39	\$18,850.00
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	47-3015	*	\$11.05	\$8.67	\$11.38	\$12.24	\$22,990.00
Helpers, construction trades, all other	47-3019	170	\$9.47	\$7.41	\$9.43	\$10.50	\$19,700.00
Other construction and related workers	47-4000	260	\$13.84	\$11.75	\$13.72	\$14.88	\$28,790.00
Construction and building inspectors	47-4011	210	\$16.00	\$11.87	\$15.70	\$18.06	\$33,270.00
Fence erectors	47-4031	*	\$12.25	\$9.16	\$11.02	\$13.79	\$25,470.00
Hazardous materials removal workers	47-4041	120	\$11.68	\$9.58	\$11.52	\$12.73	\$24,290.00
Highway maintenance workers	47-4051	840	\$9.62	\$7.44	\$9.41	\$10.71	\$20,010.00
Rotary drill operators, oil and gas	47-5012	440	\$15.57	\$10.72	\$16.83	\$18.00	\$32,400.00
Service unit operators, oil, gas, and mining	47-5013	*	\$13.82	\$9.28	\$12.61	\$16.10	\$28,750.00
Earth drillers, except oil and gas	47-5021	*	\$11.36	\$8.74	\$10.18	\$12.67	\$23,630.00
Roustabouts, oil and gas	47-5071	*	\$11.86	\$8.66	\$10.60	\$13.46	\$24,660.00

Tulsa MSA Wage Data Installation, Maintenance, and Repair Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	1240	\$23.16	\$14.56	\$22.88	\$27.46	\$48,170.00
Computer, automated teller, and office machine repairers	49-2011	720	\$11.61	\$7.96	\$10.56	\$13.44	\$24,150.00
Telecommunications equipment installers and repairers, except line	49-2022	1090	\$22.28	\$16.84	\$23.75	\$25.00	\$46,340.00
Electric motor, power tool, and related repairers	49-2092	180	\$12.72	\$8.27	\$10.73	\$14.94	\$26,450.00
Electrical and electronics installers and repairers, transportation equipment	49-2093	50	\$19.98	\$14.40	\$21.38	\$22.76	\$41,550.00
Electrical and electronics repairers, commercial and industrial equipment	49-2094	560	\$14.00	\$10.63	\$12.99	\$15.69	\$29,120.00
Electrical and electronics repairers, powerhouse, substation, and related	49-2095	*	\$22.61	\$16.25	\$23.58	\$25.80	\$47,040.00
Electronic home entertainment equipment installers and repairers	49-2097	20	\$11.98	\$11.64	\$12.15	\$12.15	\$24,920.00
Security and fire alarm systems installers	49-2098	*	\$16.79	\$11.66	\$16.72	\$19.35	\$34,920.00
All other electrical and electronic equipment mechanics, installers, and repairers	49-2099	10	\$17.22	\$15.69	\$16.40	\$17.99	\$35,820.00
Aircraft mechanics and service technicians	49-3011	2460	\$16.70	\$11.44	\$16.31	\$19.34	\$34,740.00
Automotive body and related repairers	49-3021	440	\$14.94	\$11.69	\$14.69	\$16.56	\$31,070.00
Automotive glass installers and repairers	49-3022	20	\$13.56	\$9.19	\$14.25	\$15.75	\$28,210.00
Automotive service technicians and mechanics	49-3023	2310	\$13.14	\$8.15	\$10.87	\$15.64	\$27,340.00
Bus and truck mechanics and diesel engine specialists	49-3031	930	\$15.30	\$11.29	\$15.11	\$17.31	\$31,830.00
Mobile heavy equipment mechanics, except engines	49-3042	370	\$14.10	\$11.48	\$14.19	\$15.41	\$29,330.00
Motorboat mechanics	49-3051	30	\$9.99	\$6.27	\$9.54	\$11.85	\$20,780.00
Outdoor power equipment and other small engine mechanics	49-3053	20	\$11.56	\$9.19	\$12.02	\$12.74	\$24,040.00
Tire repairers and changers	49-3093	300	\$9.03	\$7.14	\$8.54	\$9.98	\$18,780.00
All other vehicle and mobile equipment mechanics, installers, and repairers	49-3099	*	\$17.55	\$12.44	\$16.32	\$20.10	\$36,500.00
Other installation, maintenance, and repair occupations	49-9000	350	\$17.40	\$10.82	\$17.12	\$20.69	\$36,190.00
Control and valve installers and repairers, except mechanical door	49-9012	140	\$13.55	\$9.01	\$13.02	\$15.81	\$28,170.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	650	\$14.78	\$10.13	\$14.26	\$17.11	\$30,750.00
Home appliance repairers	49-9031	*	\$13.31	\$11.08	\$12.68	\$14.42	\$27,680.00
Industrial machinery mechanics	49-9041	750	\$15.40	\$11.04	\$15.14	\$17.58	\$32,040.00
Maintenance and repair workers, general	49-9042	3270	\$12.96	\$8.33	\$11.82	\$15.28	\$26,960.00
Maintenance workers, machinery	49-9043	630	\$17.16	\$13.40	\$16.23	\$19.03	\$35,680.00
Electrical power-line installers and repairers	49-9051	220	\$19.25	\$14.46	\$19.25	\$21.64	\$40,030.00
Telecommunications line installers and repairers	49-9052	820	\$18.39	\$11.51	\$19.48	\$21.83	\$38,250.00
Watch repairers	49-9064	*	\$12.47	\$10.31	\$12.83	\$13.55	\$25,930.00
Coin, vending, and amusement machine servicers and repairers	49-9091	70	\$11.40	\$8.36	\$11.63	\$12.91	\$23,700.00
Riggers	49-9096	*	\$21.31	\$19.13	\$21.04	\$22.40	\$44,330.00
Helpers--installation, maintenance, and repair workers	49-9098	680	\$9.47	\$6.37	\$9.26	\$11.02	\$19,690.00

Tulsa MSA Wage Data Production Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of production and operating workers	51-1011	2240	\$19.80	\$13.28	\$18.98	\$23.06	\$41,190.00
Coil winders, tapers, and finishers	51-2021	60	\$10.52	\$7.82	\$10.09	\$11.87	\$21,880.00
Electrical and electronic equipment assemblers	51-2022	450	\$9.53	\$7.00	\$9.05	\$10.80	\$19,830.00
Electromechanical equipment assemblers	51-2023	650	\$10.38	\$7.83	\$9.87	\$11.65	\$21,580.00
Engine and other machine assemblers	51-2031	330	\$11.44	\$7.79	\$8.71	\$13.26	\$23,800.00
Structural metal fabricators and fitters	51-2041	540	\$14.14	\$10.01	\$13.31	\$16.20	\$29,400.00
Fiberglass laminators and fabricators	51-2091	*	\$14.88	\$8.61	\$14.45	\$18.02	\$30,950.00
Team assemblers	51-2092	3420	\$10.95	\$8.58	\$10.11	\$12.14	\$22,790.00
Assemblers and fabricators, all other	51-2099	1840	\$10.49	\$7.25	\$9.69	\$12.11	\$21,830.00
Bakers	51-3011	460	\$7.57	\$5.90	\$7.44	\$8.41	\$15,750.00
Butchers and meat cutters	51-3021	330	\$10.56	\$8.26	\$9.96	\$11.71	\$21,970.00
Food batchmakers	51-3092	110	\$10.94	\$6.19	\$10.25	\$13.32	\$22,760.00
All other food processing workers	51-3099	*	\$9.89	\$7.59	\$10.00	\$11.04	\$20,570.00
Computer-controlled machine tool operators, metal and plastic	51-4011	770	\$12.55	\$8.53	\$12.23	\$14.56	\$26,100.00
Numerical tool and process control programmers	51-4012	120	\$17.13	\$14.38	\$16.64	\$18.50	\$35,630.00
Extruding and drawing machine setters, operators, and tenders, met	51-4021	330	\$11.89	\$8.27	\$11.42	\$13.69	\$24,730.00
Forging machine setters, operators, and tenders, metal and plastic	51-4022	240	\$13.12	\$9.73	\$13.70	\$14.81	\$27,290.00
Rolling machine setters, operators, and tenders, metal and plastic	51-4023	340	\$8.85	\$7.53	\$8.06	\$9.51	\$18,400.00
Cutting, punching, and press machine setters, operators, and tender	51-4031	1530	\$11.15	\$8.41	\$10.61	\$12.52	\$23,190.00
Drilling and boring machine tool setters, operators, and tenders, met	51-4032	190	\$11.95	\$9.03	\$11.74	\$13.41	\$24,860.00
Grinding, lapping, polishing, and buffing machine tool setters, operat	51-4033	810	\$10.90	\$7.57	\$9.60	\$12.57	\$22,680.00
Lathe and turning machine tool setters, operators, and tenders, met	51-4034	230	\$13.43	\$9.96	\$14.32	\$15.16	\$27,930.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Milling and planing machine setters, operators, and tenders, metal and plastic	51-4035	130	\$13.26	\$10.43	\$13.15	\$14.68	\$27,590.00
Machinists	51-4041	1700	\$14.82	\$10.48	\$14.65	\$16.99	\$30,820.00
Metal-refining furnace operators and tenders	51-4051	150	\$10.49	\$8.08	\$10.00	\$11.70	\$21,820.00
Patternmakers, metal and plastic	51-4062	30	\$11.06	\$7.22	\$11.20	\$12.97	\$23,000.00
Foundry mold and coremakers	51-4071	130	\$10.75	\$8.76	\$11.09	\$11.75	\$22,360.00
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	51-4072	210	\$10.78	\$6.20	\$8.73	\$13.07	\$22,420.00
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081	450	\$13.61	\$9.36	\$12.56	\$15.74	\$28,320.00
Tool and die makers	51-4111	280	\$19.39	\$15.06	\$19.66	\$21.55	\$40,330.00
Welders, cutters, solderers, and brazers	51-4121	2830	\$14.90	\$10.29	\$14.17	\$17.21	\$31,000.00
Welding, soldering, and brazing machine setters, operators, and tenders, metal and plastic	51-4122	630	\$14.79	\$9.26	\$14.68	\$17.55	\$30,760.00
Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191	230	\$14.24	\$8.69	\$12.58	\$17.01	\$29,620.00
Lay-out workers, metal and plastic	51-4192	60	\$16.98	\$11.56	\$15.19	\$19.70	\$35,330.00
Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193	400	\$9.42	\$7.61	\$9.21	\$10.32	\$19,590.00
Tool grinders, filers, and sharpeners	51-4194	210	\$9.95	\$7.08	\$8.54	\$11.38	\$20,690.00
Metal workers and plastic workers, all other	51-4199	*	\$10.78	\$7.62	\$9.64	\$12.36	\$22,430.00
Bindery workers	51-5011	260	\$9.69	\$7.48	\$8.35	\$10.80	\$20,160.00
Job printers	51-5021	220	\$10.77	\$8.72	\$10.10	\$11.80	\$22,400.00
Prepress technicians and workers	51-5022	290	\$13.19	\$9.03	\$13.09	\$15.28	\$27,440.00
Printing machine operators	51-5023	440	\$10.58	\$6.78	\$9.98	\$12.49	\$22,020.00
Laundry and dry-cleaning workers	51-6011	710	\$7.73	\$6.04	\$7.69	\$8.58	\$16,080.00
Pressers, textile, garment, and related materials	51-6021	240	\$6.64	\$5.92	\$6.67	\$7.00	\$13,810.00
Sewing machine operators	51-6031	360	\$7.83	\$5.87	\$7.59	\$8.81	\$16,290.00
Tailors, dressmakers, and custom sewers	51-6052	*	\$9.71	\$7.90	\$9.81	\$10.61	\$20,190.00
Textile cutting machine setters, operators, and tenders	51-6062	180	\$8.73	\$6.09	\$8.83	\$10.06	\$18,170.00
Extruding and forming machine setters, operators, and tenders, synthetic rubber, plastic, and glass	51-6091	90	\$11.55	\$9.49	\$11.17	\$12.59	\$24,030.00
Upholsterers	51-6093	80	\$11.26	\$7.25	\$11.44	\$13.27	\$23,430.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Cabinetmakers and bench carpenters	51-7011	640	\$11.45	\$8.29	\$11.20	\$13.03	\$23,810.00
Furniture finishers	51-7021	70	\$11.32	\$7.30	\$11.04	\$13.33	\$23,540.00
Woodworking machine setters, operators, and tenders, except sawir	51-7042	50	\$11.30	\$8.40	\$10.20	\$12.75	\$23,500.00
Power distributors and dispatchers	51-8012	290	\$13.06	\$9.76	\$11.16	\$14.71	\$27,160.00
Power plant operators	51-8013	*	\$21.68	\$16.93	\$22.34	\$24.06	\$45,100.00
Stationary engineers and boiler operators	51-8021	230	\$16.57	\$11.60	\$15.89	\$19.06	\$34,470.00
Water and liquid waste treatment plant and system operators	51-8031	200	\$11.93	\$8.86	\$11.71	\$13.47	\$24,820.00
Chemical plant and system operators	51-8091	150	\$21.56	\$14.29	\$23.60	\$25.20	\$44,850.00
Gas plant operators	51-8092	*	\$14.17	\$7.81	\$8.69	\$17.35	\$29,470.00
Petroleum pump system operators, refinery operators, and gaugers	51-8093	990	\$15.42	\$7.78	\$14.39	\$19.24	\$32,070.00
Crushing, grinding, and polishing machine setters, operators, and te	51-9021	140	\$10.03	\$9.22	\$9.88	\$10.43	\$20,860.00
Grinding and polishing workers, hand	51-9022	200	\$10.78	\$8.68	\$10.42	\$11.84	\$22,430.00
Mixing and blending machine setters, operators, and tenders	51-9023	210	\$11.12	\$8.19	\$10.44	\$12.58	\$23,120.00
Cutters and trimmers, hand	51-9031	110	\$7.57	\$5.93	\$7.52	\$8.39	\$15,750.00
Cutting and slicing machine setters, operators, and tenders	51-9032	200	\$11.82	\$9.07	\$11.73	\$13.20	\$24,590.00
Extruding, forming, pressing, and compacting machine setters, oper	51-9041	150	\$11.95	\$8.25	\$10.44	\$13.80	\$24,850.00
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051	80	\$11.81	\$9.33	\$11.67	\$13.05	\$24,570.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	1770	\$13.63	\$8.67	\$12.70	\$16.11	\$28,350.00
Jewelers and precious stone and metal workers	51-9071	90	\$14.52	\$10.97	\$14.70	\$16.30	\$30,200.00
Dental laboratory technicians	51-9081	180	\$12.09	\$9.00	\$12.36	\$13.63	\$25,140.00
Ophthalmic laboratory technicians	51-9083	*	\$9.60	\$9.07	\$9.61	\$9.87	\$19,970.00
Packaging and filling machine operators and tenders	51-9111	*	\$9.05	\$6.91	\$8.34	\$10.12	\$18,830.00

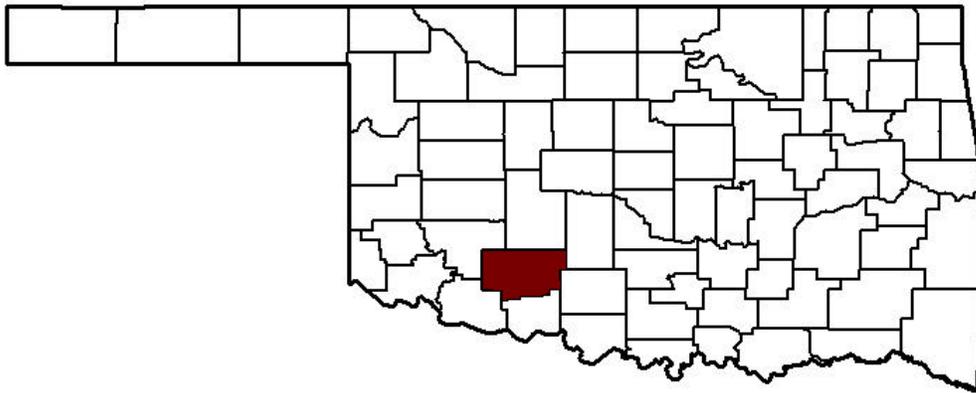
Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Coating, painting, and spraying machine setters, operators, and tenc	51-9121	350	\$10.70	\$8.26	\$10.54	\$11.91	\$22,250.00
Painters, transportation equipment	51-9122	310	\$12.62	\$9.19	\$10.55	\$14.33	\$26,240.00
Painting, coating, and decorating workers	51-9123	*	\$10.87	\$7.56	\$10.30	\$12.53	\$22,620.00
Photographic process workers	51-9131	30	\$10.30	\$7.35	\$9.82	\$11.77	\$21,420.00
Photographic processing machine operators	51-9132	200	\$7.38	\$5.91	\$6.89	\$8.11	\$15,350.00
Cleaning, washing, and metal pickling equipment operators and tenc	51-9192	80	\$8.69	\$7.61	\$8.09	\$9.23	\$18,080.00
Etchers and engravers	51-9194	40	\$11.89	\$7.91	\$12.96	\$13.88	\$24,730.00
Molders, shapers, and casters, except metal and plastic	51-9195	300	\$10.70	\$8.64	\$10.17	\$11.72	\$22,250.00
Paper goods machine setters, operators, and tenders	51-9196	640	\$13.98	\$9.18	\$13.10	\$16.38	\$29,090.00
Helpers--production workers	51-9198	2030	\$9.09	\$7.47	\$8.17	\$9.91	\$18,920.00
Production workers, all other	51-9199	1280	\$11.79	\$7.20	\$9.17	\$14.08	\$24,510.00

Tulsa MSA Wage Data Transportation and Material Moving Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of helpers, laborers, and material m	53-1021	420	\$15.95	\$10.59	\$15.17	\$18.63	\$33,180.00
First-line supervisors/managers of transportation and material-movin	53-1031	560	\$20.85	\$12.61	\$20.62	\$24.97	\$43,360.00
Airline pilots, copilots, and flight engineers	53-2011	2150	*	*	*	*	\$106,730.00
Commercial pilots	53-2012	120	*	*	*	*	\$50,370.00
Air traffic controllers	53-2021	70	\$37.19	\$30.13	\$38.63	\$40.71	\$77,350.00
Airfield operations specialists	53-2022	50	\$17.60	\$10.15	\$13.61	\$21.32	\$36,600.00
Bus drivers, transit and intercity	53-3021	*	\$10.82	\$8.13	\$11.52	\$12.16	\$22,500.00
Bus drivers, school	53-3022	1320	\$8.49	\$6.42	\$8.75	\$9.52	\$17,650.00
Driver/sales workers	53-3031	760	\$11.50	\$7.25	\$9.83	\$13.63	\$23,920.00
Truck drivers, heavy and tractor-trailer	53-3032	6030	\$15.38	\$10.11	\$13.95	\$18.01	\$31,990.00
Truck drivers, light or delivery services	53-3033	4350	\$8.79	\$5.99	\$8.00	\$10.19	\$18,280.00
Taxi drivers and chauffeurs	53-3041	180	\$7.04	\$5.87	\$6.83	\$7.62	\$14,640.00
Motor vehicle operators, all other	53-3099	280	\$9.39	\$5.97	\$9.11	\$11.11	\$19,540.00
Parking lot attendants	53-6021	290	\$7.31	\$5.93	\$7.20	\$8.01	\$15,210.00
Service station attendants	53-6031	680	\$7.27	\$5.86	\$6.73	\$7.98	\$15,120.00
Transportation workers, all other	53-6099	90	\$9.36	\$7.79	\$8.62	\$10.15	\$19,480.00
Material moving workers	53-7000	700	\$9.01	\$6.07	\$9.22	\$10.48	\$18,740.00
Conveyor operators and tenders	53-7011	70	\$13.57	\$9.24	\$14.02	\$15.74	\$28,230.00
Crane and tower operators	53-7021	*	\$16.79	\$12.35	\$15.89	\$19.02	\$34,930.00
Excavating and loading machine and dragline operators	53-7032	560	\$12.75	\$10.33	\$12.34	\$13.95	\$26,510.00
Hoist and winch operators	53-7041	*	\$15.26	\$12.44	\$13.18	\$16.66	\$31,730.00
Industrial truck and tractor operators	53-7051	1190	\$11.72	\$8.57	\$10.42	\$13.29	\$24,370.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Cleaners of vehicles and equipment	53-7061	1890	\$7.82	\$5.87	\$6.88	\$8.79	\$16,260.00
Laborers and freight, stock, and material movers, hand	53-7062	5920	\$10.36	\$7.06	\$8.48	\$12.00	\$21,540.00
Machine feeders and offbearers	53-7063	120	\$11.50	\$9.24	\$10.44	\$12.62	\$23,910.00
Packers and packagers, hand	53-7064	1540	\$7.72	\$5.88	\$6.87	\$8.65	\$16,060.00
Pump operators, except wellhead pumpers	53-7072	*	\$9.19	\$5.83	\$6.55	\$10.87	\$19,120.00
Refuse and recyclable material collectors	53-7081	300	\$9.78	\$6.83	\$8.69	\$11.25	\$20,330.00
Tank car, truck, and ship loaders	53-7121	20	\$11.34	\$9.49	\$10.65	\$12.27	\$23,590.00

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Lawton MSA Wage Data Management Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chief executives	11-1011	140	\$28.88	\$14.73	\$23.99	\$35.96	\$60,080.00
General and operations managers	11-1021	640	\$19.48	\$10.61	\$16.85	\$23.91	\$40,510.00
Advertising and promotions managers	11-2011	10	\$15.21	\$9.79	\$11.75	\$17.91	\$31,630.00
Marketing managers	11-2021	30	\$19.19	\$11.64	\$18.46	\$22.97	\$39,920.00
Sales managers	11-2022	70	\$18.72	\$9.52	\$16.58	\$23.32	\$38,940.00
Administrative services managers	11-3011	80	\$18.82	\$9.97	\$16.19	\$23.24	\$39,140.00
Computer and information systems managers	11-3021	30	\$21.79	\$15.93	\$19.69	\$24.73	\$45,330.00
Financial managers	11-3031	80	\$22.69	\$11.57	\$21.49	\$28.24	\$47,190.00
Human resources managers	11-3040	30	\$20.63	\$9.60	\$18.55	\$26.14	\$42,900.00
Industrial production managers	11-3051	30	\$24.76	\$17.68	\$22.30	\$28.31	\$51,510.00
Purchasing managers	11-3061	30	\$21.16	\$14.34	\$21.72	\$24.57	\$44,020.00
Transportation, storage, and distribution managers	11-3071	30	\$19.26	\$11.41	\$20.65	\$23.19	\$40,070.00
Other management occupations	11-9000	170	\$26.07	\$19.17	\$25.76	\$29.52	\$54,230.00
Construction managers	11-9021	40	\$23.01	\$15.11	\$22.46	\$26.96	\$47,860.00
Engineering managers	11-9041	20	\$28.58	\$23.23	\$26.26	\$31.26	\$59,460.00
Food service managers	11-9051	110	\$12.18	\$10.50	\$12.21	\$13.02	\$25,340.00
Funeral directors	11-9061	20	\$26.43	\$14.16	\$21.80	\$32.57	\$54,980.00
Natural sciences managers	11-9121	20	\$30.44	\$22.07	\$31.02	\$34.63	\$63,320.00
Property, real estate, and community association managers	11-9141	60	\$12.89	\$7.60	\$8.42	\$15.54	\$26,820.00
Social and community service managers	11-9151	30	\$18.04	\$13.78	\$18.17	\$20.17	\$37,520.00
Managers, all other	11-9199	120	\$22.41	\$12.74	\$20.53	\$27.24	\$46,600.00

Lawton MSA Wage Data Business and Financial Operations Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Purchasing agents, except wholesale, retail, and farm products	13-1023	40	\$18.44	\$14.04	\$17.84	\$20.64	\$38,350.00
Cost estimators	13-1051	20	\$17.25	\$12.49	\$15.37	\$19.63	\$35,880.00
Employment, recruitment, and placement specialists	13-1071	*	\$11.73	\$9.43	\$11.77	\$12.87	\$24,390.00
Compensation, benefits, and job analysis specialists	13-1072	10	\$14.33	\$11.62	\$14.51	\$15.68	\$29,800.00
Training and development specialists	13-1073	40	\$17.40	\$11.20	\$16.70	\$20.50	\$36,190.00
Management analysts	13-1111	70	\$18.21	\$13.08	\$17.36	\$20.78	\$37,880.00
Business operations specialists, all other	13-1199	120	\$22.10	\$15.22	\$21.73	\$25.55	\$45,980.00
Accountants and auditors	13-2011	330	\$15.62	\$11.90	\$14.64	\$17.47	\$32,480.00
Appraisers and assessors of real estate	13-2021	*	\$15.32	\$14.58	\$15.55	\$15.68	\$31,850.00
Budget analysts	13-2031	40	\$20.44	\$14.70	\$20.55	\$23.30	\$42,510.00
Loan officers	13-2072	*	\$13.17	\$11.58	\$12.27	\$13.97	\$27,400.00
Financial specialists, all other	13-2099	20	\$19.69	\$15.36	\$19.99	\$21.85	\$40,950.00

Lawton MSA Wage Data Computer and Mathematical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer programmers	15-1021	30	\$14.10	\$11.05	\$13.61	\$15.62	\$29,320.00
Computer software engineers, systems software	15-1032	100	\$24.40	\$17.79	\$22.76	\$27.70	\$50,750.00
Computer support specialists	15-1041	20	\$14.00	\$9.23	\$12.66	\$16.39	\$29,120.00
Computer systems analysts	15-1051	90	\$25.53	\$18.53	\$25.04	\$29.03	\$53,100.00
Network and computer systems administrators	15-1071	30	\$20.04	\$14.32	\$18.28	\$22.90	\$41,690.00
Network systems and data communications analysts	15-1081	30	\$19.54	\$14.37	\$16.53	\$22.13	\$40,650.00

Lawton MSA Wage Data Architecture and Engineering Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Civil engineers	17-2051	20	\$24.73	\$16.72	\$23.48	\$28.74	\$51,440.00
Electrical and electronic engineering technicians	17-3023	60	\$16.14	\$14.07	\$15.29	\$17.18	\$33,570.00

Lawton MSA Wage Data Life, Physical, and Social Science Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Social scientists and related workers	19-3000	10	\$37.38	\$17.38	\$30.95	\$47.37	\$77,740.00
Life, physical, and social science technicians, all other	19-4099	20	\$11.38	\$7.81	\$12.09	\$13.16	\$23,670.00

Lawton MSA Wage Data Community and Social Services Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Educational, vocational, and school counselors	21-1012	100	\$17.76	\$13.49	\$17.74	\$19.89	\$36,940.00
Rehabilitation counselors	21-1015	*	\$7.49	\$7.12	\$7.55	\$7.67	\$15,570.00
Medical and public health social workers	21-1022	*	\$9.09	\$5.99	\$7.54	\$10.64	\$18,910.00
Social and human service assistants	21-1093	100	\$10.25	\$5.98	\$9.62	\$12.38	\$21,320.00
All other counselors, social and religious workers	21-9099	20	\$16.63	\$11.12	\$15.59	\$19.38	\$34,580.00

Lawton MSA Wage Data Legal Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lawyers	23-1011	80	\$31.51	\$14.83	\$37.10	\$39.85	\$65,550.00
Paralegals and legal assistants	23-2011	30	\$13.04	\$9.33	\$11.77	\$14.90	\$27,130.00
Title examiners, abstractors, and searchers	23-2093	30	\$9.13	\$7.17	\$9.06	\$10.12	\$19,000.00

Lawton MSA Wage Data Education, Training, and Library Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Postsecondary Teachers	25-1000	570	\$19.30	\$13.80	\$18.67	\$22.05	\$40,150.00
Preschool teachers, except special education	25-2011	70	\$10.32	\$5.82	\$11.64	\$12.57	\$21,470.00
Secondary school teachers, except special and vocational education	25-2031	380	*	*	*	*	\$34,130.00
Vocational education teachers, secondary school	25-2032	30	*	*	*	*	\$33,400.00
Self-enrichment education teachers	25-3021	30	\$13.16	\$11.48	\$12.39	\$14.00	\$27,370.00
All other teachers, primary, secondary, and adult	25-3999	210	*	*	*	*	\$15,930.00
Librarians	25-4021	50	\$18.40	\$12.94	\$17.84	\$21.13	\$38,270.00
Library technicians	25-4031	20	\$8.79	\$5.86	\$6.53	\$10.25	\$18,270.00
Teacher assistants	25-9041	360	*	*	*	*	\$14,570.00
Library, museum, training, and other education workers, all other	25-9199	*	\$17.66	\$12.45	\$16.66	\$20.26	\$36,720.00

Lawton MSA Wage Data Arts, Design, Entertainment, Sports, and Media Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Graphic designers	27-1024	10	\$10.83	\$8.51	\$10.69	\$11.99	\$22,520.00
Editors	27-3041	*	\$11.72	\$9.25	\$11.31	\$12.96	\$24,380.00
Photographers	27-4021	20	\$8.85	\$6.87	\$8.53	\$9.84	\$18,410.00

Lawton MSA Wage Data Healthcare Practitioners and Technical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Dietitians and nutritionists	29-1031	10	\$19.93	\$15.84	\$19.74	\$21.98	\$41,450.00
Pharmacists	29-1051	60	\$28.23	\$17.63	\$28.53	\$33.52	\$58,710.00
Physicians and surgeons	29-1060	140	\$62.83	\$50.54	*	\$68.97	\$130,690.00
Registered nurses	29-1111	390	\$20.00	\$15.31	\$19.73	\$22.35	\$41,610.00
Medical and clinical laboratory technologists	29-2011	60	\$17.74	\$11.19	\$16.97	\$21.01	\$36,890.00
Medical and clinical laboratory technicians	29-2012	30	\$11.08	\$7.23	\$11.43	\$13.01	\$23,050.00
Dental hygienists	29-2021	10	\$24.63	\$18.43	\$25.37	\$27.72	\$51,220.00
Radiologic technologists and technicians	29-2034	60	\$14.50	\$11.95	\$14.66	\$15.77	\$30,160.00
Dietetic technicians	29-2051	*	\$6.92	\$5.99	\$6.58	\$7.38	\$14,390.00
Pharmacy technicians	29-2052	60	\$8.25	\$6.00	\$7.88	\$9.38	\$17,160.00
Licensed practical and licensed vocational nurses	29-2061	570	\$9.93	\$7.21	\$10.11	\$11.29	\$20,660.00
Medical records and health information technicians	29-2071	30	\$10.24	\$6.42	\$10.00	\$12.15	\$21,300.00
Opticians, dispensing	29-2081	80	\$9.03	\$6.82	\$8.58	\$10.13	\$18,780.00

Lawton MSA Wage Data Healthcare Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Nursing aides, orderlies, and attendants	31-1012	640	\$7.67	\$5.96	\$6.79	\$8.52	\$15,950.00
Dental assistants	31-9091	70	\$11.53	\$7.62	\$11.62	\$13.49	\$23,980.00
Medical assistants	31-9092	60	\$8.23	\$6.56	\$8.03	\$9.06	\$17,110.00
Healthcare support workers, all other	31-9099	50	\$11.99	\$7.89	\$12.64	\$14.04	\$24,930.00

Lawton MSA Wage Data Protective Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Security guards	33-9032	200	\$11.11	\$8.07	\$11.42	\$12.63	\$23,100.00
Protective service workers, all other	33-9099	*	\$6.30	\$5.87	\$6.19	\$6.51	\$13,100.00

Lawton MSA Wage Data Food Preparation and Serving Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chefs and head cooks	35-1011	60	\$6.91	\$5.95	\$6.68	\$7.38	\$14,360.00
First-line supervisors/managers of food preparation and serving work	35-1012	280	\$8.80	\$5.83	\$8.77	\$10.29	\$18,310.00
Cooks, institution and cafeteria	35-2012	240	\$8.82	\$6.24	\$8.65	\$10.11	\$18,350.00
Cooks, restaurant	35-2014	180	\$6.74	\$5.86	\$6.37	\$7.18	\$14,020.00
Cooks, short order	35-2015	230	\$7.42	\$6.09	\$7.36	\$8.09	\$15,430.00
Bartenders	35-3011	10	\$6.18	\$5.82	\$6.15	\$6.36	\$12,860.00
Combined food preparation and serving workers, including fast food	35-3021	530	\$6.07	\$5.96	\$6.18	\$6.13	\$12,630.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	30	\$5.97	\$5.82	\$6.02	\$6.05	\$12,430.00
Waiters and waitresses	35-3031	900	\$5.98	\$5.85	\$6.02	\$6.05	\$12,440.00
Food servers, nonrestaurant	35-3041	*	\$5.97	\$5.97	\$6.18	\$5.97	\$12,420.00
Dishwashers	35-9021	100	\$5.97	\$5.92	\$6.13	\$5.99	\$12,410.00
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	*	\$6.46	\$5.82	\$6.39	\$6.77	\$13,430.00

Lawton MSA Wage Data Building and Grounds Cleaning and Maintenance Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of housekeeping and janitorial work	37-1011	40	\$10.27	\$8.60	\$10.10	\$11.10	\$21,360.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	710	\$7.75	\$5.93	\$7.56	\$8.66	\$16,130.00
Maids and housekeeping cleaners	37-2012	410	\$7.04	\$5.90	\$6.55	\$7.61	\$14,640.00
Landscaping and groundskeeping workers	37-3011	130	\$7.62	\$5.94	\$7.10	\$8.47	\$15,860.00
Tree trimmers and pruners	37-3013	20	\$7.46	\$6.72	\$7.71	\$7.83	\$15,520.00
All other building and grounds cleaning and maintenance workers	37-9099	40	\$6.51	\$5.96	\$6.49	\$6.78	\$13,540.00

Lawton MSA Wage Data Personal Care and Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of personal service workers	39-1021	30	\$11.05	\$8.53	\$9.83	\$12.30	\$22,980.00
Nonfarm animal caretakers	39-2021	10	\$6.73	\$5.86	\$6.49	\$7.17	\$14,000.00
Hairdressers, hairstylists, and cosmetologists	39-5012	100	\$6.49	\$5.85	\$6.18	\$6.81	\$13,490.00
Child care workers	39-9011	200	\$6.28	\$5.93	\$6.31	\$6.46	\$13,060.00
Fitness trainers and aerobics instructors	39-9031	*	\$7.94	\$5.84	\$6.62	\$8.98	\$16,500.00
Recreation workers	39-9032	100	\$8.17	\$5.90	\$7.25	\$9.30	\$16,990.00

Lawton MSA Wage Data Sales and Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of retail sales workers	41-1011	430	\$12.39	\$6.74	\$10.43	\$15.22	\$25,780.00
First-line supervisors/managers of non-retail sales workers	41-1012	30	\$15.50	\$10.32	\$12.76	\$18.10	\$32,250.00
Cashiers	41-2011	1230	\$6.34	\$5.85	\$6.18	\$6.59	\$13,190.00
Counter and rental clerks	41-2021	140	\$8.60	\$5.85	\$6.69	\$9.98	\$17,890.00
Parts salespersons	41-2022	70	\$8.20	\$5.90	\$7.78	\$9.36	\$17,070.00
Retail salespersons	41-2031	1440	\$7.90	\$5.87	\$6.65	\$8.91	\$16,430.00
Advertising sales agents	41-3011	*	\$6.85	\$5.83	\$6.32	\$7.36	\$14,240.00
Insurance sales agents	41-3021	40	\$14.74	\$9.61	\$10.69	\$17.31	\$30,670.00
Sales representatives, wholesale and manufacturing, except technic	41-4012	120	\$14.22	\$8.80	\$14.25	\$16.93	\$29,570.00
Telemarketers	41-9041	30	\$8.79	\$5.85	\$8.30	\$10.26	\$18,290.00
Sales and related workers, all other	41-9099	70	\$10.47	\$6.70	\$10.94	\$12.35	\$21,780.00

Lawton MSA Wage Data Office and Administrative Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of office and administrative support	43-1011	340	\$14.60	\$8.84	\$13.07	\$17.48	\$30,370.00
Switchboard operators, including answering service	43-2011	30	\$7.58	\$5.95	\$6.97	\$8.39	\$15,760.00
Bill and account collectors	43-3011	60	\$9.12	\$6.05	\$7.85	\$10.66	\$18,970.00
Billing and posting clerks and machine operators	43-3021	140	\$15.89	\$9.61	\$18.27	\$19.03	\$33,050.00
Bookkeeping, accounting, and auditing clerks	43-3031	300	\$9.54	\$6.94	\$9.23	\$10.84	\$19,850.00
Payroll and timekeeping clerks	43-3051	70	\$12.33	\$8.85	\$12.51	\$14.07	\$25,640.00
Procurement clerks	43-3061	60	\$13.17	\$10.58	\$13.35	\$14.46	\$27,390.00
Tellers	43-3071	200	\$7.25	\$5.87	\$7.19	\$7.95	\$15,090.00
Court, municipal, and license clerks	43-4031	50	\$10.22	\$8.15	\$9.93	\$11.25	\$21,250.00
Credit authorizers, checkers, and clerks	43-4041	*	\$7.65	\$6.00	\$6.81	\$8.47	\$15,910.00
Customer service representatives	43-4051	360	\$10.59	\$6.68	\$8.76	\$12.54	\$22,020.00
File clerks	43-4071	50	\$7.30	\$5.99	\$6.91	\$7.95	\$15,180.00
Hotel, motel, and resort desk clerks	43-4081	50	\$6.43	\$5.90	\$6.42	\$6.69	\$13,370.00
Loan interviewers and clerks	43-4131	30	\$8.88	\$7.47	\$8.36	\$9.59	\$18,470.00
New accounts clerks	43-4141	30	\$8.24	\$6.33	\$7.86	\$9.20	\$17,140.00
Order clerks	43-4151	50	\$9.06	\$6.20	\$8.22	\$10.49	\$18,840.00
Human resources assistants, except payroll and timekeeping	43-4161	60	\$12.59	\$9.08	\$12.81	\$14.34	\$26,180.00
Receptionists and information clerks	43-4171	290	\$7.23	\$5.90	\$6.72	\$7.89	\$15,030.00
All other financial, information, and record clerks	43-4999	30	\$11.47	\$6.77	\$9.31	\$13.83	\$23,860.00
Cargo and freight agents	43-5011	20	\$9.81	\$6.64	\$10.92	\$11.39	\$20,400.00
Couriers and messengers	43-5021	10	\$6.98	\$5.95	\$6.50	\$7.49	\$14,520.00
Dispatchers, except police, fire, and ambulance	43-5032	50	\$10.14	\$6.00	\$9.74	\$12.21	\$21,090.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Meter readers, utilities	43-5041	*	\$10.77	\$7.43	\$9.88	\$12.44	\$22,400.00
Production, planning, and expediting clerks	43-5061	70	\$10.62	\$6.28	\$11.40	\$12.79	\$22,090.00
Shipping, receiving, and traffic clerks	43-5071	180	\$9.24	\$6.00	\$9.16	\$10.86	\$19,220.00
Stock clerks and order fillers	43-5081	480	\$8.71	\$5.88	\$7.26	\$10.12	\$18,110.00
All other material recording, scheduling, dispatching, and distributing	43-5199	40	\$10.74	\$7.24	\$11.29	\$12.48	\$22,330.00
Executive secretaries and administrative assistants	43-6011	140	\$12.68	\$9.05	\$11.80	\$14.49	\$26,370.00
Legal secretaries	43-6012	*	\$10.15	\$7.85	\$8.68	\$11.30	\$21,110.00
Medical secretaries	43-6013	*	\$9.65	\$9.43	\$9.69	\$9.76	\$20,070.00
Secretaries, except legal, medical, and executive	43-6014	770	\$10.02	\$6.95	\$9.44	\$11.56	\$20,850.00
Computer operators	43-9011	20	\$11.46	\$9.23	\$11.33	\$12.57	\$23,830.00
Data entry keyers	43-9021	*	\$6.29	\$5.98	\$6.29	\$6.44	\$13,070.00
Word processors and typists	43-9022	20	\$10.40	\$7.93	\$10.76	\$11.64	\$21,630.00
Mail clerks and mail machine operators, except postal service	43-9051	20	\$10.05	\$7.30	\$9.94	\$11.43	\$20,910.00
Office clerks, general	43-9061	830	\$9.31	\$6.51	\$8.82	\$10.71	\$19,360.00
All other secretaries, administrative assistants, and other office supp	43-9999	230	\$15.36	\$8.46	\$14.82	\$18.81	\$31,950.00

Lawton MSA Wage Data Farming, Fishing, and Forestry Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Farmworkers, farm and ranch animals	45-2093	*	\$11.95	\$11.05	\$12.14	\$12.41	\$24,860.00

Lawton MSA Wage Data Construction and Extraction Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of construction trades and extractor	47-1011	90	\$18.26	\$14.74	\$17.86	\$20.02	\$37,980.00
Carpenters	47-2031	160	\$14.27	\$9.96	\$14.61	\$16.43	\$29,680.00
Cement masons and concrete finishers	47-2051	50	\$11.98	\$9.01	\$10.98	\$13.46	\$24,920.00
Construction laborers	47-2061	130	\$8.86	\$7.22	\$8.68	\$9.68	\$18,430.00
Operating engineers and other construction equipment operators	47-2073	100	\$11.39	\$9.33	\$10.63	\$12.43	\$23,700.00
Electricians	47-2111	140	\$14.31	\$10.00	\$14.72	\$16.46	\$29,770.00
Painters, construction and maintenance	47-2141	90	\$11.45	\$8.76	\$11.83	\$12.79	\$23,810.00
Plumbers, pipefitters, and steamfitters	47-2152	120	\$14.48	\$10.25	\$14.77	\$16.60	\$30,120.00
Roofers	47-2181	40	\$10.78	\$8.31	\$10.42	\$12.01	\$22,420.00
Sheet metal workers	47-2211	30	\$11.76	\$8.31	\$10.38	\$13.48	\$24,450.00

Lawton MSA Wage Data Installation, Maintenance, and Repair Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	140	\$20.09	\$15.65	\$20.31	\$22.31	\$41,790.00
Computer, automated teller, and office machine repairers	49-2011	20	\$12.50	\$9.04	\$12.54	\$14.23	\$26,000.00
Telecommunications equipment installers and repairers, except line	49-2022	*	\$22.26	\$18.81	\$23.63	\$23.99	\$46,300.00
Electric motor, power tool, and related repairers	49-2092	10	\$15.28	\$10.39	\$16.51	\$17.73	\$31,790.00
Electrical and electronics repairers, powerhouse, substation, and related	49-2095	50	\$18.92	\$15.27	\$18.80	\$20.74	\$39,350.00
Electronic home entertainment equipment installers and repairers	49-2097	*	\$15.07	\$13.74	\$15.50	\$15.74	\$31,350.00
Automotive body and related repairers	49-3021	50	\$13.70	\$9.31	\$13.95	\$15.89	\$28,490.00
Automotive service technicians and mechanics	49-3023	330	\$11.89	\$8.48	\$11.94	\$13.60	\$24,740.00
Bus and truck mechanics and diesel engine specialists	49-3031	140	\$13.31	\$10.58	\$13.71	\$14.67	\$27,680.00
Outdoor power equipment and other small engine mechanics	49-3053	20	\$8.83	\$6.65	\$9.09	\$9.92	\$18,370.00
Tire repairers and changers	49-3093	30	\$7.07	\$5.82	\$7.24	\$7.69	\$14,700.00
Mechanical door repairers	49-9011	*	\$13.83	\$11.85	\$13.62	\$14.81	\$28,760.00
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	70	\$15.52	\$10.39	\$15.36	\$18.08	\$32,280.00
Maintenance and repair workers, general	49-9042	240	\$10.17	\$6.76	\$9.82	\$11.88	\$21,160.00
Maintenance workers, machinery	49-9043	30	\$13.12	\$6.54	\$12.93	\$16.40	\$27,280.00
Helpers--installation, maintenance, and repair workers	49-9098	60	\$8.63	\$6.45	\$7.91	\$9.72	\$17,950.00

Lawton MSA Wage Data Production Occupations

Average Hourly Range

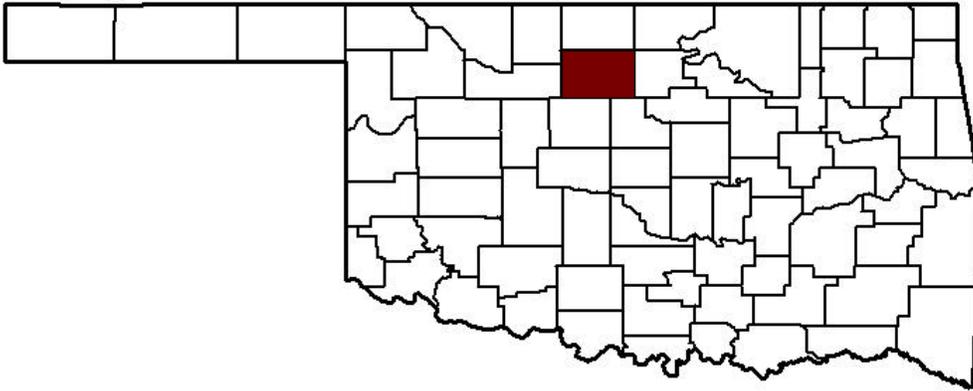
Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
First-line supervisors/managers of production and operating workers	51-1011	130	\$15.64	\$11.07	\$14.66	\$17.93	\$32,540.00
Bakers	51-3011	30	\$6.81	\$5.95	\$6.77	\$7.24	\$14,170.00
Butchers and meat cutters	51-3021	30	\$11.36	\$6.93	\$11.65	\$13.58	\$23,630.00
Machinists	51-4041	70	\$16.67	\$12.02	\$17.95	\$19.00	\$34,680.00
Printing machine operators	51-5023	10	\$9.22	\$6.75	\$9.07	\$10.46	\$19,180.00
Laundry and dry-cleaning workers	51-6011	60	\$6.15	\$5.92	\$6.17	\$6.26	\$12,780.00
Pressers, textile, garment, and related materials	51-6021	130	\$6.01	\$5.88	\$6.12	\$6.07	\$12,500.00
Water and liquid waste treatment plant and system operators	51-8031	30	\$11.75	\$9.93	\$11.63	\$12.65	\$24,430.00
Mixing and blending machine setters, operators, and tenders	51-9023	20	\$9.08	\$6.94	\$9.24	\$10.16	\$18,890.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	80	\$13.10	\$7.88	\$13.14	\$15.71	\$27,260.00

Lawton MSA Wage Data Transportation and Material Moving Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of helpers, laborers, and material m	53-1021	30	\$13.13	\$8.64	\$12.52	\$15.37	\$27,300.00
First-line supervisors/managers of transportation and material-movin	53-1031	30	\$17.03	\$10.50	\$15.23	\$20.29	\$35,420.00
Bus drivers, transit and intercity	53-3021	110	\$8.84	\$5.82	\$7.32	\$10.34	\$18,380.00
Driver/sales workers	53-3031	40	\$15.54	\$8.67	\$13.84	\$18.98	\$32,320.00
Truck drivers, heavy and tractor-trailer	53-3032	400	\$11.61	\$8.43	\$11.50	\$13.21	\$24,160.00
Truck drivers, light or delivery services	53-3033	270	\$10.45	\$5.96	\$8.17	\$12.70	\$21,740.00
Service station attendants	53-6031	30	\$7.01	\$5.92	\$6.59	\$7.55	\$14,580.00
Material moving workers	53-7000	10	\$9.61	\$5.96	\$11.21	\$11.43	\$19,990.00
Industrial truck and tractor operators	53-7051	80	\$10.23	\$7.82	\$10.65	\$11.44	\$21,290.00
Cleaners of vehicles and equipment	53-7061	90	\$6.60	\$5.88	\$6.48	\$6.95	\$13,720.00
Laborers and freight, stock, and material movers, hand	53-7062	380	\$7.96	\$5.89	\$7.50	\$9.00	\$16,560.00
Packers and packagers, hand	53-7064	80	\$7.32	\$6.42	\$7.57	\$7.77	\$15,230.00

ENID MSA

Garfield



Enid MSA Wage Data Management Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chief executives	11-1011	140	\$43.10	\$16.58	\$46.95	\$56.36	\$89,650.00
General and operations managers	11-1021	560	\$21.49	\$11.03	\$17.41	\$26.72	\$44,690.00
Advertising and promotions managers	11-2011	20	\$19.12	\$9.87	\$16.35	\$23.74	\$39,770.00
Marketing managers	11-2021	30	\$23.76	\$14.03	\$22.83	\$28.62	\$49,410.00
Sales managers	11-2022	100	\$18.08	\$9.33	\$17.79	\$22.46	\$37,610.00
Administrative services managers	11-3011	40	\$18.50	\$9.17	\$16.11	\$23.17	\$38,480.00
Computer and information systems managers	11-3021	20	\$24.41	\$16.21	\$24.24	\$28.51	\$50,770.00
Financial managers	11-3031	80	\$25.78	\$14.74	\$25.36	\$31.29	\$53,610.00
Human resources managers	11-3040	20	\$19.02	\$8.72	\$19.07	\$24.17	\$39,550.00
Industrial production managers	11-3051	20	\$30.10	\$19.63	\$31.24	\$35.34	\$62,610.00
Purchasing managers	11-3061	20	\$18.74	\$10.97	\$19.32	\$22.63	\$38,980.00
Transportation, storage, and distribution managers	11-3071	20	\$20.06	\$10.46	\$19.25	\$24.86	\$41,720.00
Other management occupations	11-9000	50	\$20.11	\$11.87	\$22.80	\$24.23	\$41,840.00
Construction managers	11-9021	30	\$22.05	\$19.03	\$20.24	\$23.56	\$45,860.00
Engineering managers	11-9041	10	\$33.54	\$24.14	\$29.65	\$38.24	\$69,760.00
Food service managers	11-9051	90	\$11.77	\$7.33	\$10.01	\$14.00	\$24,490.00
Medical and health services managers	11-9111	60	\$28.68	\$15.53	\$25.41	\$35.26	\$59,660.00
Property, real estate, and community association managers	11-9141	60	\$9.32	\$5.96	\$6.42	\$11.00	\$19,390.00
Social and community service managers	11-9151	40	\$14.41	\$9.06	\$11.33	\$17.08	\$29,970.00
Managers, all other	11-9199	20	\$24.84	\$17.80	\$25.36	\$28.37	\$51,670.00

Enid MSA Wage Data Business and Financial Operations Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Purchasing agents and buyers, farm products	13-1021	*	\$15.17	\$7.87	\$12.77	\$18.82	\$31,550.00
Wholesale and retail buyers, except farm products	13-1022	30	\$16.83	\$9.57	\$18.44	\$20.46	\$35,000.00
Purchasing agents, except wholesale, retail, and farm products	13-1023	10	\$17.67	\$10.75	\$15.04	\$21.13	\$36,750.00
Claims adjusters, examiners, and investigators	13-1031	*	\$14.96	\$9.93	\$13.96	\$17.47	\$31,110.00
Employment, recruitment, and placement specialists	13-1071	20	\$11.55	\$8.73	\$11.52	\$12.96	\$24,030.00
Management analysts	13-1111	*	\$20.37	\$17.87	\$19.61	\$21.62	\$42,380.00
Business operations specialists, all other	13-1199	50	\$20.90	\$14.99	\$20.81	\$23.85	\$43,460.00
Accountants and auditors	13-2011	150	\$20.85	\$9.75	\$15.48	\$26.40	\$43,370.00
Loan officers	13-2072	50	\$22.93	\$14.65	\$23.50	\$27.08	\$47,700.00

Enid MSA Wage Data Computer and Mathematical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Computer programmers	15-1021	10	\$23.62	\$15.48	\$19.49	\$27.69	\$49,140.00
Network and computer systems administrators	15-1071	20	\$17.95	\$13.39	\$17.67	\$20.22	\$37,330.00

Enid MSA Wage Data Architecture and Engineering Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Architects, except landscape and naval	17-1011	*	\$28.39	\$24.03	\$25.70	\$30.58	\$59,060.00
Civil engineers	17-2051	20	\$20.92	\$16.21	\$20.48	\$23.27	\$43,510.00

Enid MSA Wage Data Life, Physical, and Social Science Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Chemists	19-2031	10	\$24.29	\$15.62	\$24.33	\$28.62	\$50,520.00

Enid MSA Wage Data Community and Social Services Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Medical and public health social workers	21-1022	10	\$15.90	\$11.62	\$16.56	\$18.04	\$33,080.00

Enid MSA Wage Data Legal Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Lawyers	23-1011	*	\$59.24	\$44.56	\$66.55	\$66.58	\$123,230.00

Enid MSA Wage Data Education, Training, and Library Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Preschool teachers, except special education	25-2011	90	\$8.95	\$6.44	\$9.03	\$10.21	\$18,630.00
Secondary school teachers, except special and vocational education	25-2031	170	*	*	*	*	\$31,970.00
Librarians	25-4021	30	\$14.79	\$11.75	\$15.27	\$16.30	\$30,750.00
Instructional coordinators	25-9031	10	\$16.60	\$12.50	\$15.47	\$18.65	\$34,530.00
Teacher assistants	25-9041	40	*	*	*	*	\$12,940.00

Enid MSA Wage Data Arts, Design, Entertainment, Sports, and Media Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Floral designers	27-1023	30	\$6.47	\$5.96	\$6.50	\$6.73	\$13,460.00
Graphic designers	27-1024	*	\$17.14	\$9.96	\$16.22	\$20.73	\$35,660.00
Public relations specialists	27-3031	10	\$14.76	\$8.75	\$17.18	\$17.76	\$30,690.00

Enid MSA Wage Data Healthcare Practitioners and Technical Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Pharmacists	29-1051	70	\$30.40	\$21.08	\$29.82	\$35.06	\$63,230.00
Physicians and surgeons	29-1060	80	\$67.84	\$63.51	*	\$70.00	\$141,100.00
Registered nurses	29-1111	500	\$18.97	\$15.14	\$18.71	\$20.88	\$39,450.00
Occupational therapists	29-1122	*	\$29.34	\$20.45	\$27.13	\$33.79	\$61,040.00
Physical therapists	29-1123	20	\$26.84	\$21.93	\$25.34	\$29.30	\$55,820.00
Recreational therapists	29-1125	20	\$10.94	\$5.97	\$11.75	\$13.43	\$22,760.00
Speech-language pathologists	29-1127	30	\$17.57	\$13.28	\$17.23	\$19.71	\$36,540.00
Pharmacy technicians	29-2052	40	\$7.06	\$5.99	\$7.24	\$7.59	\$14,680.00
Surgical technologists	29-2055	*	\$10.39	\$9.46	\$10.09	\$10.85	\$21,600.00
Licensed practical and licensed vocational nurses	29-2061	190	\$11.84	\$10.23	\$12.05	\$12.64	\$24,620.00
Medical records and health information technicians	29-2071	10	\$13.78	\$10.28	\$14.77	\$15.52	\$28,660.00
Opticians, dispensing	29-2081	30	\$9.47	\$8.38	\$9.52	\$10.02	\$19,700.00

Enid MSA Wage Data Healthcare Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Nursing aides, orderlies, and attendants	31-1012	570	\$7.16	\$5.94	\$7.07	\$7.78	\$14,900.00
Physical therapist aides	31-2022	10	\$7.21	\$5.97	\$7.13	\$7.83	\$14,990.00
Medical assistants	31-9092	70	\$9.26	\$7.80	\$9.05	\$9.98	\$19,250.00
Medical transcriptionists	31-9094	30	\$8.33	\$7.28	\$8.32	\$8.86	\$17,330.00
Healthcare support workers, all other	31-9099	60	\$6.61	\$5.97	\$6.57	\$6.93	\$13,750.00

Enid MSA Wage Data Protective Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Security guards	33-9032	50	\$11.22	\$6.92	\$10.38	\$13.37	\$23,340.00

Enid MSA Wage Data Food Preparation and Serving Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of food preparation and serving work	35-1012	60	\$8.76	\$6.50	\$8.26	\$9.89	\$18,220.00
Cooks, fast food	35-2011	90	\$8.18	\$5.93	\$6.62	\$9.30	\$17,010.00
Cooks, institution and cafeteria	35-2012	150	\$7.12	\$5.86	\$6.87	\$7.75	\$14,820.00
Cooks, restaurant	35-2014	130	\$6.62	\$5.97	\$6.51	\$6.94	\$13,760.00
Cooks, short order	35-2015	*	\$6.08	\$5.86	\$6.13	\$6.19	\$12,640.00
Food preparation workers	35-2021	150	\$6.38	\$5.89	\$6.21	\$6.62	\$13,260.00
Combined food preparation and serving workers, including fast food	35-3021	450	\$5.91	\$5.83	\$6.00	\$5.94	\$12,280.00
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	20	\$6.10	\$5.91	\$6.18	\$6.20	\$12,690.00
Waiters and waitresses	35-3031	240	\$6.00	\$5.92	\$6.15	\$6.04	\$12,480.00
Dining room and cafeteria attendants and bartender helpers	35-9011	*	\$6.04	\$5.89	\$6.13	\$6.11	\$12,550.00
Dishwashers	35-9021	170	\$6.12	\$5.89	\$6.18	\$6.23	\$12,720.00

Enid MSA Wage Data Building and Grounds Cleaning and Maintenance Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of housekeeping and janitorial work	37-1011	10	\$12.08	\$8.36	\$10.78	\$13.94	\$25,130.00
First-line supervisors/managers of landscaping, lawn service, and gr	37-1012	*	\$9.94	\$7.69	\$10.05	\$11.07	\$20,680.00
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	320	\$7.29	\$5.86	\$6.83	\$8.01	\$15,170.00
Maids and housekeeping cleaners	37-2012	230	\$6.48	\$5.92	\$6.44	\$6.76	\$13,490.00
Landscaping and groundskeeping workers	37-3011	*	\$7.94	\$5.86	\$7.12	\$8.98	\$16,510.00

Enid MSA Wage Data Personal Care and Service Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
Hairdressers, hairstylists, and cosmetologists	39-5012	60	\$7.48	\$5.86	\$7.16	\$8.29	\$15,560.00
Child care workers	39-9011	100	\$6.12	\$5.89	\$6.19	\$6.23	\$12,730.00

Enid MSA Wage Data Sales and Related Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of retail sales workers	41-1011	290	\$13.56	\$8.22	\$11.59	\$16.23	\$28,210.00
First-line supervisors/managers of non-retail sales workers	41-1012	50	\$18.79	\$10.65	\$16.65	\$22.86	\$39,080.00
Cashiers	41-2011	640	\$6.25	\$5.87	\$6.16	\$6.45	\$13,010.00
Counter and rental clerks	41-2021	30	\$8.34	\$5.88	\$6.25	\$9.57	\$17,350.00
Parts salespersons	41-2022	80	\$11.08	\$6.42	\$9.99	\$13.41	\$23,050.00
Retail salespersons	41-2031	690	\$10.50	\$6.08	\$8.30	\$12.71	\$21,840.00
Insurance sales agents	41-3021	20	\$20.32	\$5.97	\$13.14	\$27.49	\$42,260.00
Securities, commodities, and financial services sales agents	41-3031	20	\$32.72	\$14.47	\$30.42	\$41.85	\$68,060.00
Travel agents	41-3041	20	\$7.54	\$6.22	\$7.67	\$8.20	\$15,690.00
Sales representatives, wholesale and manufacturing, except technic	41-4012	230	\$14.50	\$8.22	\$11.52	\$17.64	\$30,160.00

Enid MSA Wage Data Office and Administrative Support Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of office and administrative support	43-1011	200	\$15.07	\$9.52	\$13.73	\$17.85	\$31,350.00
Switchboard operators, including answering service	43-2011	30	\$8.67	\$7.55	\$8.28	\$9.23	\$18,030.00
Bill and account collectors	43-3011	30	\$12.60	\$9.30	\$12.00	\$14.24	\$26,200.00
Billing and posting clerks and machine operators	43-3021	*	\$8.68	\$7.59	\$8.27	\$9.23	\$18,060.00
Bookkeeping, accounting, and auditing clerks	43-3031	350	\$10.54	\$7.65	\$9.94	\$11.98	\$21,920.00
Payroll and timekeeping clerks	43-3051	*	\$9.00	\$6.09	\$8.98	\$10.45	\$18,710.00
Tellers	43-3071	130	\$7.66	\$6.37	\$7.58	\$8.30	\$15,920.00
Court, municipal, and license clerks	43-4031	10	\$10.92	\$9.93	\$10.90	\$11.41	\$22,710.00
Credit authorizers, checkers, and clerks	43-4041	*	\$12.14	\$9.52	\$11.81	\$13.45	\$25,260.00
Customer service representatives	43-4051	190	\$10.56	\$8.06	\$10.26	\$11.81	\$21,960.00
File clerks	43-4071	30	\$7.68	\$5.91	\$7.48	\$8.57	\$15,970.00
Hotel, motel, and resort desk clerks	43-4081	30	\$6.31	\$5.87	\$6.27	\$6.53	\$13,120.00
Loan interviewers and clerks	43-4131	30	\$10.26	\$7.60	\$9.79	\$11.58	\$21,330.00
Order clerks	43-4151	40	\$8.31	\$6.95	\$8.35	\$8.99	\$17,290.00
Human resources assistants, except payroll and timekeeping	43-4161	20	\$11.10	\$8.06	\$10.79	\$12.62	\$23,080.00
Receptionists and information clerks	43-4171	130	\$7.63	\$5.93	\$7.19	\$8.47	\$15,860.00
All other financial, information, and record clerks	43-4999	20	\$14.32	\$7.62	\$10.81	\$17.67	\$29,790.00
Couriers and messengers	43-5021	20	\$6.82	\$6.00	\$6.89	\$7.22	\$14,180.00
Dispatchers, except police, fire, and ambulance	43-5032	20	\$11.65	\$9.77	\$11.37	\$12.59	\$24,230.00
Production, planning, and expediting clerks	43-5061	30	\$12.64	\$9.89	\$11.85	\$14.02	\$26,290.00
Shipping, receiving, and traffic clerks	43-5071	100	\$8.88	\$6.02	\$7.89	\$10.31	\$18,460.00
Stock clerks and order fillers	43-5081	420	\$8.60	\$5.92	\$7.57	\$9.93	\$17,880.00

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Low	Median Wage	High	Average Annual Wage
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	10	\$12.84	\$5.89	\$11.82	\$16.31	\$26,710.00
Executive secretaries and administrative assistants	43-6011	150	\$12.23	\$9.71	\$12.04	\$13.49	\$25,440.00
Medical secretaries	43-6013	*	\$9.02	\$7.42	\$9.00	\$9.82	\$18,760.00
Secretaries, except legal, medical, and executive	43-6014	450	\$8.67	\$6.27	\$8.45	\$9.86	\$18,020.00
Computer operators	43-9011	*	\$9.40	\$8.96	\$9.56	\$9.62	\$19,540.00
Office clerks, general	43-9061	620	\$8.24	\$5.95	\$7.86	\$9.39	\$17,150.00
All other secretaries, administrative assistants, and other office supp	43-9999	30	\$11.97	\$9.07	\$11.48	\$13.42	\$24,900.00

Enid MSA Wage Data Construction and Extraction Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of construction trades and extractor	47-1011	*	\$13.73	\$9.53	\$10.24	\$15.83	\$28,560.00
Carpenters	47-2031	40	\$12.48	\$9.37	\$13.16	\$14.03	\$25,950.00
Construction laborers	47-2061	70	\$9.48	\$7.60	\$8.36	\$10.42	\$19,720.00
Electricians	47-2111	70	\$15.23	\$11.01	\$15.12	\$17.34	\$31,670.00
Plumbers, pipefitters, and steamfitters	47-2152	*	\$15.99	\$10.55	\$15.81	\$18.70	\$33,250.00
Roofers	47-2181	10	\$9.02	\$7.81	\$8.42	\$9.63	\$18,760.00
Derrick operators, oil and gas	47-5011	*	\$11.02	\$9.74	\$10.54	\$11.65	\$22,910.00
Service unit operators, oil, gas, and mining	47-5013	*	\$21.25	\$16.35	\$22.68	\$23.70	\$44,200.00
Helpers--extraction workers	47-5081	*	\$14.40	\$12.99	\$14.91	\$15.11	\$29,950.00

Enid MSA Wage Data Installation, Maintenance, and Repair Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	110	\$17.19	\$11.42	\$16.05	\$20.08	\$35,760.00
Computer, automated teller, and office machine repairers	49-2011	*	\$15.48	\$9.18	\$15.43	\$18.63	\$32,200.00
Radio mechanics	49-2021	*	\$12.70	\$8.29	\$14.27	\$14.90	\$26,410.00
Aircraft mechanics and service technicians	49-3011	20	\$14.33	\$12.46	\$14.47	\$15.27	\$29,820.00
Automotive body and related repairers	49-3021	20	\$17.44	\$11.90	\$16.70	\$20.21	\$36,280.00
Automotive glass installers and repairers	49-3022	*	\$8.33	\$6.04	\$8.99	\$9.47	\$17,320.00
Automotive service technicians and mechanics	49-3023	200	\$11.08	\$7.83	\$10.55	\$12.70	\$23,040.00
Bus and truck mechanics and diesel engine specialists	49-3031	70	\$9.53	\$7.06	\$9.32	\$10.76	\$19,810.00
Farm equipment mechanics	49-3041	40	\$13.42	\$9.19	\$12.73	\$15.54	\$27,910.00
Tire repairers and changers	49-3093	50	\$7.85	\$7.00	\$7.93	\$8.28	\$16,330.00
Industrial machinery mechanics	49-9041	50	\$16.78	\$14.04	\$16.13	\$18.15	\$34,900.00
Maintenance and repair workers, general	49-9042	300	\$11.90	\$7.76	\$11.13	\$13.97	\$24,750.00
Maintenance workers, machinery	49-9043	40	\$15.73	\$11.49	\$14.11	\$17.85	\$32,710.00
Helpers--installation, maintenance, and repair workers	49-9098	60	\$8.08	\$6.56	\$8.16	\$8.85	\$16,810.00

Enid MSA Wage Data Production Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of production and operating workers	51-1011	120	\$22.35	\$16.95	\$22.44	\$25.04	\$46,480.00
Team assemblers	51-2092	80	\$9.66	\$6.79	\$8.35	\$11.09	\$20,090.00
Bakers	51-3011	20	\$7.00	\$5.97	\$6.87	\$7.52	\$14,570.00
Butchers and meat cutters	51-3021	50	\$9.46	\$6.78	\$8.38	\$10.80	\$19,680.00
Cutting, punching, and press machine setters, operators, and tender	51-4031	20	\$7.64	\$6.27	\$7.73	\$8.32	\$15,890.00
Machinists	51-4041	40	\$11.95	\$8.79	\$10.95	\$13.53	\$24,860.00
Welders, cutters, solderers, and brazers	51-4121	70	\$11.87	\$8.62	\$10.45	\$13.50	\$24,690.00
Printing machine operators	51-5023	20	\$12.03	\$7.20	\$13.14	\$14.44	\$25,020.00
Laundry and dry-cleaning workers	51-6011	70	\$6.41	\$5.92	\$6.32	\$6.66	\$13,340.00
Water and liquid waste treatment plant and system operators	51-8031	30	\$10.10	\$8.63	\$10.00	\$10.83	\$21,000.00
Inspectors, testers, sorters, samplers, and weighers	51-9061	50	\$16.13	\$10.24	\$16.54	\$19.08	\$33,560.00
Helpers--production workers	51-9198	*	\$7.92	\$7.30	\$7.72	\$8.24	\$16,480.00

Enid MSA Wage Data Transportation and Material Moving Occupations

Occupational Title	SOC Code	Average Number of Employees	Average Hourly Wage	Average Hourly Range			Average Annual Wage
				Low	Median Wage	High	
First-line supervisors/managers of helpers, laborers, and material m	53-1021	10	\$18.36	\$11.70	\$18.75	\$21.69	\$38,190.00
First-line supervisors/managers of transportation and material-movin	53-1031	20	\$21.14	\$12.61	\$23.58	\$25.40	\$43,960.00
Bus drivers, school	53-3022	50	\$7.63	\$5.88	\$6.85	\$8.51	\$15,870.00
Truck drivers, heavy and tractor-trailer	53-3032	310	\$12.50	\$8.86	\$10.97	\$14.32	\$26,000.00
Truck drivers, light or delivery services	53-3033	140	\$9.44	\$6.27	\$8.20	\$11.03	\$19,640.00
Industrial truck and tractor operators	53-7051	30	\$11.89	\$7.73	\$10.34	\$13.98	\$24,740.00
Cleaners of vehicles and equipment	53-7061	50	\$6.48	\$5.88	\$6.20	\$6.78	\$13,480.00
Laborers and freight, stock, and material movers, hand	53-7062	230	\$7.89	\$5.92	\$7.61	\$8.87	\$16,400.00
Packers and packagers, hand	53-7064	90	\$6.04	\$5.88	\$6.06	\$6.12	\$12,560.00

Occupational Definitions

- 11-1011 Chief Executives**
Determine and formulate policies and provide the overall direction of companies or private and public sector organizations within the guidelines set up by a board of directors or similar governing body. Plan, direct, or coordinate operational activities at the highest level of management with the help of subordinate executives and staff managers.
- 11-1021 General and Operations Managers**
Plan, direct, or coordinate the operations of companies or public and private sector organizations. Duties and responsibilities include formulating policies, managing daily operations, and planning the use of materials and human resources, but are too diverse and general in nature to be classified in any one functional area of management or administration, such as personnel, purchasing, or administrative services. Include owners and managers who head small business establishments whose duties are primarily managerial. Exclude "First-Line Supervisors/Managers of Retail Sales Workers" (41-1011) and workers in other small establishments.
- 11-1031 Legislators**
Develop laws and statutes at the Federal, State, or local level. Include only elected officials.
- 11-2011 Advertising and Promotions Managers**
Plan and direct advertising policies and programs or produce collateral materials, such as posters, contests, coupons, or give-aways, to create extra interest in the purchase of a product or service for a department, an entire organization, or on an account basis.
- 11-2021 Marketing Managers**
Determine the demand for products and services offered by a firm and its competitors and identify potential customers. Develop pricing strategies with the goal of maximizing the firm's profits or share of the market while ensuring the firm's customers are satisfied. Oversee product development or monitor trends that indicate the need for new products and services.
- 11-2022 Sales Managers**
Direct the actual distribution or movement of a product or service to the customer. Coordinate sales distribution by establishing sales territories, quotas, and goals and establish training programs for sales representatives. Analyze sales statistics gathered by staff to determine sales potential and inventory requirements and monitor the preferences of customers.
- 11-2031 Public Relations Managers**
Plan and direct public relations programs designed to create and maintain a favorable public image for employer or client; or if engaged in fundraising, plan and direct activities to solicit and maintain funds for special projects and nonprofit organizations.
- 11-3011 Administrative Services Managers**
Plan, direct, or coordinate supportive services of an organization, such as recordkeeping, mail distribution, telephone operator/receptionist, and other office support services. May oversee facilities planning and maintenance and custodial operations. Exclude "Purchasing Managers" (11-3061).

Occupational Definitions

- 11-3021 Computer and Information Systems Managers**
Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming. Exclude "Computer Specialists" (15-1011 through 15-1099).
- 11-3031 Financial Managers**
Plan, direct, and coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.
- 11-3040 Human Resources Managers**
This broad occupation includes the following three detailed occupations:
- 11-3041 Compensation and Benefits Managers
Plan, direct, or coordinate compensation and benefits activities and staff of an organization. Include job analysis and position description managers.
- 11-3042 Training and Development Managers
Plan, direct, or coordinate the training and development activities and staff of an organization.
- 11-3049 Human Resources Managers, All Other
All Human Resources Managers not listed separately.
- 11-3051 Industrial Production Managers**
Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.
- 11-3061 Purchasing Managers**
Plan, direct, or coordinate the activities of buyers, purchasing officers, and related workers involved in purchasing materials, products, and services. Include wholesale or retail trade merchandising managers and procurement managers.
- 11-3071 Transportation, Storage, and Distribution Managers**
Plan, direct, or coordinate transportation, storage, or distribution activities in accordance with governmental policies and regulations. Include logistics managers.

Occupational Definitions

- 11-9011 Farm, Ranch, and Other Agricultural Managers**
On a paid basis, manage farms, ranches, aquacultural operations, greenhouses, nurseries, timber tracts, cotton gins, packing houses, or other agricultural establishments for employers. Carry out production, financial, and marketing decisions relating to the managed operations following guidelines from the owner. May contract tenant farmers or producers to carry out the day-to-day activities of the managed operation. May supervise planting, cultivating, harvesting, and marketing activities. May prepare cost, production, and other records. May perform physical work and operate machinery.
- 11-9021 Construction Managers**
Plan, direct, coordinate, or budget, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, and implementation. Include specialized construction fields, such as carpentry or plumbing. Include general superintendents, project managers, and constructors who manage, coordinate, and supervise the construction process.
- 11-9041 Engineering Managers**
Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields. Exclude "Natural Sciences Managers" (11-9121).
- 11-9051 Food Service Managers**
Plan, direct, or coordinate activities of an organization or department that serves food and beverages.
- 11-9061 Funeral Directors**
Perform various tasks to arrange and direct funeral services, such as coordinating transportation of body to mortuary for embalming, interviewing family or other authorized person to arrange details, selecting pallbearers, procuring official for religious rites, and providing transportation for mourners.
- 11-9071 Gaming Managers**
Plan, organize, direct, control, or coordinate gaming operations in a casino. Formulate gaming policies for their area of responsibility.
- 11-9081 Lodging Managers**
Plan, direct, or coordinate activities of an organization or department that provides lodging and other accommodations. Exclude "Food Service Managers" (11-9051) in lodging establishments.
- 11-9111 Medical and Health Services Managers**
Plan, direct, or coordinate medicine and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations.

Occupational Definitions

- 11-9121 Natural Sciences Managers**
Plan, direct, or coordinate activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields. Exclude "Engineering Managers" (11-9041) and "Computer and Information Systems Managers" (11-3021).
- 11-9131 Postmasters and Mail Superintendents**
Direct and coordinate operational, administrative, management, and supportive services of a U.S. post office; or coordinate activities of workers engaged in postal and related work in assigned post office.
- 11-9141 Property, Real Estate, and Community Association Managers**
Plan, direct, or coordinate selling, buying, leasing, or governance activities of commercial, industrial, or residential real estate properties. Include managers of homeowner and condominium associations, rented or leased housing units, buildings, or land (including rights-of-way).
- 11-9151 Social and Community Service Managers**
Plan, organize, or coordinate the activities of a social service program or community outreach organization. Oversee the program or organization's budget and policies regarding participant involvement, program requirements, and benefits. Work may involve directing social workers, counselors, or probation officers.
- 11-9199 Managers, All Others**
All other managers not listed separately.
- 13-1011 Agents and Business Managers of Artists, Performers, and Athletes**
Represent and promote artists, performers, and athletes to prospective employers. May handle contract negotiation and other business matters for clients.
- 13-1021 Purchasing Agents and Buyers, Farm Products**
Purchase farm products either for further processing or resale. Include Christmas tree contractors, grain brokers and market operators, grain buyers, and tobacco buyers.
- 13-1022 Wholesale and Retail Buyers, Except Farm Products**
Buy merchandise or commodities, other than farm products, for resale to consumers at the wholesale or retail level, including both durable and nondurable goods. Analyze past buying trends, sales records, price, and quality of merchandise to determine value and yield. Select, order, and authorize payment for merchandise according to contractual agreements. May conduct meetings with sales personnel and introduce new products. Include assistant buyers.

Occupational Definitions

- 13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products**
Purchase machinery, equipment, tools, parts, supplies, or services necessary for the operation of an establishment. Purchase raw or semi-finished materials for manufacturing. Include contract specialists, field contractors, purchasers, price analysts, tooling coordinators, and media buyers. Exclude "Purchasing Agents and Buyers, Farm Products" (13-1021) and "Wholesale and Retail Buyers, Except Farm Products" (13-1022).
- 13-1031 Claims Adjusters, Examiners, and Investigators**
Review settled claims to determine that payments and settlements have been made in accordance with company practices and procedures, ensuring that proper methods have been followed. Report overpayments, underpayments, and other irregularities. Confer with legal counsel on claims requiring litigation.
- 13-1032 Insurance Appraisers, Auto Damage**
Appraise automobile or other vehicle damage to determine cost of repair for insurance claim settlement and seek agreement with automotive repair shop on cost of repair. Prepare insurance forms to indicate repair cost or cost estimates and recommendations.
- 13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation**
Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and other compliance and enforcement inspection activities not classified elsewhere. Exclude "Tax Examiners, Collectors, and Revenue Agents" (13-2081) and "Financial Examiners" (13-2061).
- 13-1051 Cost Estimators**
Prepare cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or determining price of product or service. May specialize according to particular service performed or type of product manufactured.
- 13-1061 Emergency Management Specialists**
Coordinate disaster response or crisis management activities, provide disaster preparedness training, and prepare emergency plans and procedures for natural (e.g., hurricanes, floods, earthquakes), wartime, or technological (e.g., nuclear power plant emergencies, hazardous materials spills) disasters or hostage situations.
- 13-1071 Employment, Recruitment, and Placement Specialists**
Recruit and place workers.
- 13-1072 Compensation, Benefits, and Job Analysis Specialists**
Conduct programs of compensation and benefits and job analysis for employer. May specialize in specific areas, such as position classification and pension programs.

Occupational Definitions

- 13-1073 Training and Development Specialists**
Conduct training and development programs for employees.
- 13-1111 Management Analysts**
Conduct organizational studies and evaluations, design systems and procedures, conduct work simplifications and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Include program analysts and management consultants. Exclude "Computer Systems Analysts" (15-1051) and "Operations Research Analysts" (15-2031).
- 13-1121 Meeting and Convention Planners**
Coordinate activities of staff and convention personnel to make arrangements for group meetings and conventions.
- 13-1199 Business Operations Specialists, all others**
- 13-2011 Accountants and Auditors**
Examine, analyze, and interpret accounting records for the purpose of giving advice or preparing statements. Install or advise on systems of recording costs or other financial and budgetary data.
- 13-2021 Appraisers and Assessors of Real Estate**
Appraise real property to determine its fair value. May assess taxes in accordance with prescribed schedules.
- 13-2031 Budget Analysts**
Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports for the purpose of maintaining expenditure controls.
- 13-2041 Credit Analysts**
Analyze current credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money. Prepare reports with this credit information for use in decision-making.
- 13-2051 Financial Analysts**
Conduct quantitative analyses of information affecting investment programs of public or private institutions.
- 13-2052 Personal Financial Advisors**
Advise clients on financial plans utilizing knowledge of tax and investment strategies, securities, insurance, pension plans, and real estate. Duties include assessing clients' assets, liabilities, cash flow, insurance coverage, tax status, and financial objectives to establish investment strategies.

Occupational Definitions

- 13-2053 Insurance Underwriters**
Review individual applications for insurance to evaluate degree of risk involved and determine acceptance of applications.
- 13-2061 Financial Examiners**
Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. May examine, verify correctness of, or establish authenticity of records.
- 13-2071 Loan Counselors**
Provide guidance to prospective loan applicants who have problems qualifying for traditional loans. Guidance may include determining the best type of loan and explaining loan requirements or restrictions.
- 13-2072 Loan Officers**
Evaluate, authorize, or recommend approval of commercial, real estate, or credit loans. Advise borrowers on financial status and methods of payments. Include mortgage loan officers and agents, collection analysts, loan servicing officers, and loan underwriters.
- 13-2081 Tax Examiners, Collectors, and Revenue Agents**
Determine tax liability or collect taxes from individuals or business firms according to prescribed laws and regulations.
- 13-2082 Tax Preparers**
Prepare tax returns for individuals or small businesses but do not have the background or responsibilities of an accredited or certified public accountant.
- 13-2099 Financial Specialist, all others**
All financial specialists not listed separately.
- 15-1011 Computer and Information Scientists, Research**
Conduct research into fundamental computer and information science as theorists, designers, or inventors. Solve or develop solutions to problems in the field of computer hardware and software.
- 15-1021 Computer Programmers**
Convert project specifications and statements of problems and procedures to detailed logical flow charts for coding into computer language. Develop and write computer programs to store, locate, and retrieve specific documents, data, and information. May program web sites.

Occupational Definitions

- 15-1031 Computer Software Engineers, Applications**
Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. Exclude "Computer Hardware Engineers" (17-2061).
- 15-1032 Computer Software Engineers, Systems Software**
Research, design, develop, and test operating systems -level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. Apply principles and techniques of computer science, engineering, and mathematical analysis.
- 15-1041 Computer Support Specialists**
Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems. Exclude "Network and Computer Systems Administrators" (15-1071).
- 15-1051 Computer Systems Analysts**
Analyze science, engineering, business, and all other data processing problems for application to electronic data processing systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software. Exclude persons working primarily as "Engineers" (17-2011 through 17-2199), "Mathematicians" (15-2021), or "Scientists" (19-1011 through 19-3099). May supervise computer programmers.
- 15-1061 Database Administrators**
Coordinate changes to computer databases, test and implement the database applying knowledge of database management systems. May plan, coordinate, and implement security measures to safeguard computer databases.
- 15-1071 Network and Computer Systems Administrators**
Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet system or a segment of a network system. Maintain network hardware and software. Monitor network to ensure network availability to all system users and perform necessary maintenance to support network availability. May supervise other network support and client server specialists and plan, coordinate, and implement network security measures. Exclude "Computer Support Specialists" (15-1041).
- 15-1081 Network Systems and Data Communications Analysts**
Analyze, design, test, and evaluate network systems, such as local area networks (LAN), wide area networks (WAN), Internet, intranet, and other data communications systems. Perform network modeling, analysis, and planning. Research and recommend network and data communications hardware and software. Include telecommunications specialists who deal with the interfacing of computer and communications equipment. May supervise computer programmers.

Occupational Definitions

- 15-1099 Computer Specialists, all other**
All computer specialists not listed separately.
- 15-2011 Actuaries**
Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates and construct probability tables to forecast risk and liability for payment of future benefits. May ascertain premium rates required and cash reserves necessary to ensure payment of future benefits.
- 15-2021 Mathematicians**
Conduct research in fundamental mathematics or in application of mathematical techniques to science, management, and other fields. Solve or direct solutions to problems in various fields by mathematical methods.
- 15-2031 Operations Research Analysts**
Formulate and apply mathematical modeling and other optimizing methods using a computer to develop and interpret information that assists management with decision making, policy formulation, or other managerial functions. May develop related software, service, or products. Frequently concentrates on collecting and analyzing data and developing decision support software. May develop and supply optimal time, cost, or logistics networks for program evaluation, review, or implementation
- 15-2041 Statisticians**
Engage in the development of mathematical theory or apply statistical theory and methods to collect, organize, interpret, and summarize numerical data to provide usable information. May specialize in fields, such as bio-statistics, agricultural statistics, business statistics, economic statistics, or other fields. Include mathematical statisticians.
- 17-1011 Architects, Except Landscape and Naval**
Plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.
- 17-1012 Landscape Architects**
Plan and design land areas for such projects as parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites.
- 17-1021 Cartographers and Photogrammetrists**
Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and other spatial data in digital or graphic form for legal, social, political, educational, and design purposes. May work with Geographic Information Systems (GIS). May design and evaluate algorithms, data structures, and user interfaces for GIS and mapping systems.

Occupational Definitions

- 17-1022** **Surveyors**
Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes.
- 17-1099** **All other architects, surveyors, and cartographers**
All architects, surveyors, and cartographers not listed separately.
- 17-2011** **Aerospace Engineers**
Perform a variety of engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. May recommend improvements in testing equipment and techniques.
- 17-2021** **Agricultural Engineers**
Apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products.
- 17-2031** **Biomedical Engineers**
Apply knowledge of engineering, biology, and biomechanical principles to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, instrumentation, medical information systems, and health management and care delivery systems.
- 17-2041** **Chemical Engineers**
Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering.
- 17-2051** **Civil Engineers**
Perform engineering duties in planning, designing, and overseeing construction and maintenance of building structures, and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, water and sewage systems, and waste disposal units. Include architectural, structural, traffic, ocean, and geo-technical engineers. Exclude "Hydrologists" (19-2043).
- 17-2061** **Computer Hardware Engineers**
Research, design, develop, and test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or computer-related equipment and components. Exclude "Computer Software Engineers, Applications" (15-1031) and "Computer Software Engineers, Systems Software" (15-1032).

Occupational Definitions

- 17-2071 Electrical Engineers**
Design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use. Exclude "Computer Hardware Engineers" (17-2061).
- 17-2072 Electronics Engineers, Except Computer**
Research, design, develop, and test electronic components and systems for commercial, industrial, military, or scientific use utilizing knowledge of electronic theory and materials properties. Design electronic circuits and components for use in fields such as telecommunications, aerospace guidance and propulsion control, acoustics, or instruments and controls. Exclude "Computer Hardware Engineers" (17-2061).
- 17-2081 Environmental Engineers**
Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.
- 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors**
Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws. Include industrial product safety engineers.
- 17-2112 Industrial Engineers**
Design, develop, test, and evaluate integrated systems for managing industrial production processes including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination. Exclude "Health and Safety Engineers, Except Mining Safety Engineers and Inspectors" (17-2111).
- 17-2131 Materials Engineers**
Evaluate materials and develop machinery and processes to manufacture materials for use in products that must meet specialized design and performance specifications. Develop new uses for known materials. Include those working with composite materials or specializing in one type of material, such as graphite, metal and metal alloys, ceramics and glass, plastics and polymers, and naturally occurring materials. Include metallurgists and metallurgical engineers, ceramic engineers, and welding engineers.
- 17-2141 Mechanical Engineers**
Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of such equipment as centralized heat, gas, water, and steam systems.

Occupational Definitions

- 17-2151 Mining and Geological Engineers, Including Mining Safety Engineers**
Determine the location and plan the extraction of coal, metallic ores, nonmetallic minerals, and building materials, such as stone and gravel. Work involves conducting preliminary surveys of deposits or undeveloped mines and planning their development; examining deposits or mines to determine whether they can be worked at a profit; making geological and topographical surveys; evolving methods of mining best suited to character, type, and size of deposits; and supervising mining operations.
- 17-2171 Petroleum Engineers**
Devise methods to improve oil and gas well production and determine the need for new or modified tool designs. Oversee drilling and offer technical advice to achieve economical and satisfactory progress.
- 17-2199 Engineers, all others**
All engineers not listed separately.
- 17-3011 Architectural and Civil Drafters**
Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Utilize knowledge of building materials, engineering practices, and mathematics to complete drawings.
- 17-3012 Electrical and Electronics Drafters**
Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for manufacture, installation, and repair of electrical equipment in factories, power plants, and buildings.
- 17-3013 Mechanical Drafters**
Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.
- 17-3021 Aerospace Engineering and Operations Technicians**
Operate, install, calibrate, and maintain integrated computer/communications systems consoles, simulators, and other data acquisition, test, and measurement instruments and equipment to launch, track, position, and evaluate air and space vehicles. May record and interpret test data.
- 17-3022 Civil Engineering Technicians**
Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.

Occupational Definitions

- 17-3023 Electrical and Electronic Engineering Technicians**
Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions. Exclude "Broadcast Technicians" (27-4012).
- 17-3024 Electro-Mechanical Technicians**
Operate, test, and maintain unmanned, automated, servo-mechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment at worksites, such as oil rigs, deep ocean exploration, or hazardous waste removal. May assist engineers in testing and designing robotics equipment.
- 17-3025 Environmental Engineering Technicians**
Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental pollution, including waste treatment and site remediation. May assist in the development of environmental pollution remediation devices under direction of engineer.
- 17-3026 Industrial Engineering Technicians**
Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May study and record time, motion, method, and speed involved in performance of production, maintenance, clerical, and other worker operations for such purposes as establishing standard production rates or improving efficiency.
- 17-3031 Surveying and Mapping Technicians**
Perform surveying and mapping duties, usually under the direction of a surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking information and create maps from source data, such as surveying notes, aerial photography, satellite data, or other maps to show topographical features, political boundaries, and other features. May verify accuracy and completeness of topographical maps. Exclude "Surveyors" (17-1022), "Cartographers and Photogrammetrists" (17-1021), and "Geoscientists, Except Hydrologists and Geographers" (19-2042).
- 17-3099 All Other Drafters, engineering, and mapping technicians**

Occupational Definitions

19-0000 Life, Physical, and Social Science Occupations

This major group comprises the following occupations: Agricultural and Food Scientists ;Biochemists and Biophysicists ; Microbiologists ; Zoologists and Wildlife Biologists ; Conservation Scientists ; Foresters ; Epidemiologists ; Medical Scientists, Except Epidemiologists ; Astronomers ; Physicists ; Atmospheric and Space Scientists ; Chemists ; Materials Scientists ; Environmental Scientists and Specialists, Including Health ;Geoscientists, Except Hydrologists and Geographers ; Hydrologists ; Economists ; Market Research Analysts ; Survey Researchers ; Clinical, Counseling, and School Psychologists; Industrial-Organizational Psychologists ; Sociologists ; Urban and Regional Planners ;Anthropologists and Archeologists ; Geographers ; Historians ; Political Scientists ; Agricultural and Food Science Technicians ; Biological Technicians ; Chemical Technicians ;Geological and Petroleum Technicians ; Nuclear Technicians ; Environmental Science and Protection Technicians, Including Health ; Forensic Science Technicians ; Forest and Conservation Technicians; and residual, "All Other", occupations in this major group.

19-1000 Life Sciences

19-1010 Agricultural and Food Scientists

This broad occupation includes the following three detailed occupations:

19-1011 Animal Scientists

Conduct research in the genetics, nutrition, reproduction, growth, and development of domestic farm animals.

19-1012 Food Scientists and Technologists

Use chemistry, microbiology, engineering, and other sciences to study the principles underlying the processing and deterioration of foods; analyze food content to determine levels of vitamins, fat, sugar, and protein; discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.

19-1013 Soil and Plant Scientists

Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.

19-1031 Conservation Scientists

Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or to protect rangelands from fire and rodent damage. May instruct farmers, agricultural production managers, or ranchers in best ways to use crop rotation, contour plowing, or terracing to conserve soil and water; in the number and kind of livestock and forage plants best suited to particular ranges; and in range and farm improvements, such as fencing and reservoirs for stock watering. Exclude "Zoologists and Wildlife Biologists" (19-1023) and "Foresters" (19-1032).

Occupational Definitions

- 19-1032 Foresters**
Manage forested lands for economic, recreational, and conservation purposes. May inventory the type, amount, and location of standing timber, appraise the timber's worth, negotiate the purchase, and draw up contracts for procurement. May determine how to conserve wildlife habitats, creek beds, water quality, and soil stability, and how best to comply with environmental regulations. May devise plans for planting and growing new trees, monitor trees for healthy growth, and determine the best time for harvesting. Develop forest management plans for public and privately-owned forested lands.
- 19-1099 Life Sciences, all others**
All life scientists not listed separately.
- 19-2000 Physical Science**
- 19-2021 Atmospheric and Space Scientists**
Investigate atmospheric phenomena and interpret meteorological data gathered by surface and air stations, satellites, and radar to prepare reports and forecasts for public and other uses. Include weather analysts and forecasters whose functions require the detailed knowledge of a meteorologist.
- 19-2031 Chemists**
Conduct qualitative and quantitative chemical analyses or chemical experiments in laboratories for quality or process control or to develop new products or knowledge. Exclude "Geoscientists, Except Hydrologists and Geographers" (19-2042) and "Biochemists and Biophysicists" (19-1021).
- 19-2032 Materials Scientists**
Research and study the structures and chemical properties of various natural and manmade materials, including metals, alloys, rubber, ceramics, semiconductors, polymers, and glass. Determine ways to strengthen or combine materials or develop new materials with new or specific properties for use in a variety of products and applications. Include glass scientists, ceramic scientists, metallurgical scientists, and polymer scientists.
- 19-2041 Environmental Scientists and Specialists, Including Health**
Conduct research or perform investigation for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population. Utilizing knowledge of various scientific disciplines may collect, synthesize, study, report, and take action based on data derived from measurements or observations of air, food, soil, water, and other sources. Exclude "Zoologists and Wildlife Biologists" (19-1023), "Conservation Scientists" (19-1031), "Forest and Conservation Technicians" (19-4093), "Fish and Game Wardens" (33-3031), and "Forest and Conservation Workers" (45-4011).

Occupational Definitions

- 19-2042 Geoscientists, Except Hydrologists and Geographers**
Study the composition, structure, and other physical aspects of the earth. May use geological, physics, and mathematics knowledge in exploration for oil, gas, minerals, or underground water; or in waste disposal, land reclamation, or other environmental problems. May study the earth's internal composition, atmospheres, oceans, and its magnetic, electrical, and gravitational forces. Include mineralogists, crystallographers, paleontologists, stratigraphers, geodesists, and seismologists.
- 19-2043 Hydrologists**
Research the distribution, circulation, and physical properties of underground and surface waters; study the form and intensity of precipitation, its rate of infiltration into the soil, movement through the earth, and its return to the ocean and atmosphere.
- 19-2099 Physical Science, all others**
- 19-3000 Social Scientists and related workers**
- 19-3011 Economists**
Conduct research, prepare reports, or formulate plans to aid in solution of economic problems arising from production and distribution of goods and services. May collect and process economic and statistical data using econometric and sampling techniques. Exclude "Market Research Analysts" (19-3021).
- 19-3021 Market Research Analysts**
Research market conditions in local, regional, or national areas to determine potential sales of a product or service. May gather information on competitors, prices, sales, and methods of marketing and distribution. May use survey results to create a marketing campaign based on regional preferences and buying habits.
- 19-3022 Survey Researchers**
Design or conduct surveys. May supervise interviewers who conduct the survey in person or over the telephone. May present survey results to client. Exclude "Statisticians" (15-2041), "Economists" (19-3011), "Market Research Analysts" (19-3021), and "Interviewers, Except Eligibility and Loan" (43-4111).
- 19-3051 Urban and Regional Planners**
Develop comprehensive plans and programs for use of land and physical facilities of local jurisdictions, such as towns, cities, counties, and metropolitan areas.
- 19-3099 Social Scientists and Related Workers, all others**

Occupational Definitions

- 19-4011 Agricultural and Food Science Technicians**
Work with agricultural scientists in food, fiber, and animal research, production, and processing; assist with animal breeding and nutrition work; under supervision, conduct tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects. Include technicians who assist food scientists or food technologists in the research, development, production technology, quality control, packaging, processing, and use of foods.
- 19-4021 Biological Technicians**
Assist biological and medical scientists in laboratories. Set up, operate, and maintain laboratory instruments and equipment, monitor experiments, make observations, and calculate and record results. May analyze organic substances, such as blood, food, and drugs.
- 19-4031 Chemical Technicians**
Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for purposes, such as research and development of new products or processes, quality control, maintenance of environmental standards, and other work involving experimental, theoretical, or practical application of chemistry and related sciences.
- 19-4041 Geological and Petroleum Technicians**
Assist scientists in the use of electrical, sonic, or nuclear measuring instruments in both laboratory and production activities to obtain data indicating potential sources of metallic ore, gas, or petroleum. Analyze mud and drill cuttings. Chart pressure, temperature, and other characteristics of wells or bore holes. Investigate and collect information leading to the possible discovery of new oil fields.
- 19-4091 Environmental Science and Protection Technicians, Including Health**
Performs laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health. Under direction of an environmental scientist or specialist, may collect samples of gases, soil, water, and other materials for testing and take corrective actions as assigned.
- 19-4092 Forensic Science Technicians**
Collect, identify, classify, and analyze physical evidence related to criminal investigations. Perform tests on weapons or substances, such as fiber, hair, and tissue to determine significance to investigation. May testify as expert witnesses on evidence or crime laboratory techniques. May serve as specialists in area of expertise, such as ballistics, fingerprinting, handwriting, or biochemistry.
- 19-4093 Forest and Conservation Technicians**
Compile data pertaining to size, content, condition, and other characteristics of forest tracts, under direction of foresters; train and lead forest workers in forest propagation, fire prevention and suppression. May assist conservation scientists in managing, improving, and protecting rangelands and wildlife habitats, and help provide technical assistance regarding the conservation of soil, water, and related natural resources.

Occupational Definitions

- 19-4099** **Life, Physical, and Social technicians, all others**
- 21-1011** **Substance Abuse and Behavioral Disorder Counselors**
Counsel and advise individuals with alcohol, tobacco, drug, or other problems, such as gambling and eating disorders. May counsel individuals, families, or groups or engage in prevention programs. Exclude "Social Workers" (21-1021 through 21-1029), "Psychologists" (19-3031 through 19-3039), and "Mental Health Counselors" (21-1014) providing these services.
- 21-1012** **Educational, Vocational, and School Counselors**
Counsel individuals and provide group educational and vocational guidance services.
- 21-1013** **Marriage and Family Therapists**
Diagnose and treat mental and emotional disorders, whether cognitive, affective, or behavioral, within the context of marriage and family systems. Apply psychotherapeutic and family systems theories and techniques in the delivery of professional services to individuals, couples, and families for the purpose of treating such diagnosed nervous and mental disorders. Exclude "Social Workers" (21-1021 through 21-1029) and "Psychologists" of all types (19-3031 through 19-3039).
- 21-1014** **Mental Health Counselors**
Counsel with emphasis on prevention. Work with individuals and groups to promote optimum mental health. May help individuals deal with addictions and substance abuse; family, parenting, and marital problems; suicide; stress management; problems with self-esteem; and issues associated with aging and mental and emotional health. Exclude "Social Workers" (21-1021 through 21-1029), "Psychiatrists" (29-1066), and "Psychologists" (19-3031 through 19-3039).
- 21-1015** **Rehabilitation Counselors**
Counsel individuals to maximize the independence and employability of persons coping with personal, social, and vocational difficulties that result from birth defects, illness, disease, accidents, or the stress of daily life. Coordinate activities for residents of care and treatment facilities. Assess client needs and design and implement rehabilitation programs that may include personal and vocational counseling, training, and job placement.
- 21-1021** **Child, Family, and School Social Workers**
Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the academic functioning of children. May assist single parents, arrange adoptions, and find foster homes for abandoned or abused children. In schools, they address such problems as teenage pregnancy, misbehavior, and truancy. May also advise teachers on how to deal with problem children.

Occupational Definitions

- 21-1022 Medical and Public Health Social Workers**
Provide persons, families, or vulnerable populations with the psychosocial support needed to cope with chronic, acute, or terminal illnesses, such as Alzheimer's, cancer, or AIDS. Services include advising family care givers, providing patient education and counseling, and making necessary referrals for other social services.
- 21-1023 Mental Health and Substance Abuse Social Workers**
Assess and treat individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs. Activities may include individual and group therapy, crisis intervention, case management, client advocacy, prevention, and education.
- 21-1091 Health Educators**
Promote, maintain, and improve individual and community health by assisting individuals and communities to adopt healthy behaviors. Collect and analyze data to identify community needs prior to planning, implementing, monitoring, and evaluating programs designed to encourage healthy lifestyles, policies and environments. May also serve as a resource to assist individuals, other professionals, or the community, and may administer fiscal resources for health education programs.
- 21-1092 Probation Officers and Correctional Treatment Specialists**
Provide social services to assist in rehabilitation of law offenders in custody or on probation or parole. Make recommendations for actions involving formulation of rehabilitation plan and treatment of offender, including conditional release and education and employment stipulations.
- 21-1093 Social and Human Service Assistants**
Assist professionals from a wide variety of fields, such as psychology, rehabilitation, or social work, to provide client services, as well as support for families. May assist clients in identifying available benefits and social and community services and help clients obtain them. May assist social workers with developing, organizing, and conducting programs to prevent and resolve problems relevant to substance abuse, human relationships, rehabilitation, or adult daycare. Exclude "Rehabilitation Counselors" (21-1015), "Personal and Home Care Aides" (39-9021), "Eligibility Interviewers, Government Programs" (43-4061), and "Psychiatric Technicians" (29-2053).
- 21-2011 Clergy**
Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination. Provide spiritual and moral guidance and assistance to members.
- 21-2021 Directors, Religious Activities and Education**
Direct and coordinate activities of a denominational group to meet religious needs of students. Plan, direct, or coordinate church school programs designed to promote religious education among church membership. May provide counseling and guidance relative to marital, health, financial, and religious problems.
- 21-9099 All Other Counselors, Social, and Religious Workers**

Occupational Definitions

- 23-1011** **Lawyers**
Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, and manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.
- 23-1021** **Administrative Law Judges, Adjudicators, and Hearing Officers**
Conduct hearings to decide or recommend decisions on claims concerning government programs or other government-related matters and prepare decisions. Determine penalties or the existence and the amount of liability, or recommend the acceptance or rejection of claims, or compromise settlements.
- 23-1022** **Arbitrators, Mediators, and Conciliators**
Facilitate negotiation and conflict resolution through dialogue. Resolve conflicts outside of the court system by mutual consent of parties involved.
- 23-1023** **Judges, Magistrate Judges, and Magistrates**
Arbitrate, advise, adjudicate, or administer justice in a court of law. May sentence defendant in criminal cases according to government statutes. May determine liability of defendant in civil cases. May issue marriage licenses and perform wedding ceremonies.
- 23-2011** **Paralegals and Legal Assistants**
Assist lawyers by researching legal precedent, investigating facts, or preparing legal documents. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.
- 23-2091** **Court Reporters**
Use verbatim methods and equipment to capture, store, retrieve, and transcribe pretrial and trial proceedings or other information. Include stenocaptioners who operate computerized stenographic captioning equipment to provide captions of live or prerecorded broadcasts for hearing-impaired viewers.
- 23-2092** **Law Clerks**
Assist lawyers or judges by researching or preparing legal documents. May meet with clients or assist lawyers and judges in court. Exclude "Lawyers" (23-1011) and "Paralegals and Legal Assistants" (23-2011).
- 23-2093** **Title Examiners, Abstractors, and Searchers**
Search real estate records, examine titles, or summarize pertinent legal or insurance details for a variety of purposes. May compile lists of mortgages, contracts, and other instruments pertaining to titles by searching public and private records for law firms, real estate agencies, or title insurance companies.
- 23-9099** **All Other Legal and Related Workers**

Occupational Definitions

- 25-2011** **Preschool Teachers, Except Special Education**
Instruct children (normally up to 5 years of age) in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification. Exclude "Child Care Workers" (39-9011) and "Special Education Teachers" (25-2041 through 25-2043).
- 25-2012** **Kindergarten Teachers, Except Special Education**
Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).
- 25-2021** **Elementary School Teachers, Except Special Education**
Teach pupils in public or private schools at the elementary level basic academic, social, and other formative skills. Exclude "Special Education Teachers" (25-2041 through 25-2043).
- 25-2022** **Middle School Teachers, Except Special and Vocational Education**
Teach students in public or private schools in one or more subjects at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable State laws and regulations. Exclude "Middle School Vocational Education Teachers" (25-2023) and "Special Education Teachers" (25-2041 through 25-2043).
- 25-2023** **Vocational Education Teachers, Middle School**
Teach or instruct vocational or occupational subjects at the middle school level. Exclude "Special Education Teachers" (25-2041 through 25-2043)
- 25-2031** **Secondary School Teachers, Except Special and Vocational Education**
Instruct students in secondary public or private schools in one or more subjects at the secondary level, such as English, mathematics, or social studies. May be designated according to subject matter specialty, such as typing instructors, commercial teachers, or English teachers. Exclude "Vocational Education Secondary School Teachers" (25-2032) and "Special Education Teachers" (25-2041 through 25-2043).
- 25-2032** **Vocational Education Teachers, Secondary School**
Teach or instruct vocational or occupational subjects at the secondary school level.
- 25-2041** **Special Education Teachers, Preschool, Kindergarten, and Elementary School**
Teach elementary and preschool school subjects to educationally and physically handicapped students. Include teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired.

Occupational Definitions

- 25-2042 Special Education Teachers, Middle School**
Teach middle school subjects to educationally and physically handicapped students. Include teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired.
- 25-2043 Special Education Teachers, Secondary School**
Teach secondary school subjects to educationally and physically handicapped students. Include teachers who specialize and work with audibly and visually handicapped students and those who teach basic academic and life processes skills to the mentally impaired.
- 25-3011 Adult Literacy, Remedial Education, and GED Teachers and Instructors**
Teach or instruct out-of-school youths and adults in remedial education classes, preparatory classes for the General Educational Development test, literacy, or English as a Second Language. Teaching may or may not take place in a traditional educational institution.
- 25-3021 Self-Enrichment Education Teachers**
Teach or instruct courses other than those that normally lead to an occupational objective or degree. Courses may include self-improvement, nonvocational, and nonacademic subjects. Teaching may or may not take place in a traditional educational institution.
- 25-3999 All Other Teachers, Primary, Secondary, and Adult**
All teachers, primary, secondary and adult not listed separately.
- 25-4010 Archivists, Curators, and Museum Technicians**
This broad occupation includes the following three detailed occupations:
- 25-4011 Archivists
Appraise, edit, and direct safekeeping of permanent records and historically valuable documents. Participants in research activities based on archival materials.
- 25-4012 Curators
Administer affairs of museum and conduct research programs. Direct instructional, research, and public service activities of institution.
- 25-4013 Museum Technicians and Conservators
Prepare specimens, such as fossils, skeletal parts, lace, and textiles, for museum collection and exhibits. May restore documents or install, arrange, and exhibit materials.

Occupational Definitions

- 25-4021 Librarians**
Administer libraries and perform related library services. Work in a variety of settings, including public libraries, schools, colleges and universities, museums, corporations, government agencies, law firms, non-profit organizations, and healthcare providers. Tasks may include selecting, acquiring, cataloguing, classifying, circulating, and maintaining library materials; and furnishing reference, bibliographical, and readers' advisory services. May perform in-depth, strategic research, and synthesize, analyze, edit, and filter information. May set up or work with databases and information systems to catalogue and access information.
- 25-4031 Library Technicians**
Assist librarians by helping readers in the use of library catalogs, databases, and indexes to locate books and other materials; and by answering questions that require only brief consultation of standard reference. Compile records; sort and shelve books; remove or repair damaged books; register patrons; check materials in and out of the circulation process. Replace materials in shelving area (stacks) or files. Include bookmobile drivers who operate bookmobiles or light trucks that pull trailers to specific locations on a predetermined schedule and assist with providing services in mobile libraries.
- 25-9011 Audio-Visual Collections Specialists**
Prepare, plan, and operate audio-visual teaching aids for use in education. May record, catalogue, and file audio-visual materials.
- 25-9021 Farm and Home Management Advisors**
Advise, instruct, and assist individuals and families engaged in agriculture, agricultural-related processes, or home economics activities. Demonstrate procedures and apply research findings to solve problems; instruct and train in product development, sales, and the utilization of machinery and equipment to promote general welfare. Include county agricultural agents, feed and farm management advisers, home economists, and extension service advisors.
- 25-9031 Instructional Coordinators**
Develop instructional material, coordinate educational content, and incorporate current technology in specialized fields that provide guidelines to educators and instructors for developing curricula and conducting courses. Include educational consultants and specialists, and instructional material directors.
- 25-9041 Teacher Assistants**
Perform duties that are instructional in nature or deliver direct services to students or parents. Serve in a position for which a teacher or another professional has ultimate responsibility for the design and implementation of educational programs and services.
- 25-9199 Library, Museum, Training, and Other Education Workers, all others**
- 27-1011 Art Directors**
Formulate design concepts and presentation approaches, and direct workers engaged in art work, layout design, and copy writing for visual communications media, such as magazines, books, newspapers, and packaging.

Occupational Definitions

- 27-1013 Fine Artists, Including Painters, Sculptors, and Illustrators**
Create original artwork using any of a wide variety of mediums and techniques, such as painting and sculpture.
- 27-1014 Multi-Media Artists and Animators**
Create special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in products or creations, such as computer games, movies, music videos, and commercials.
- 27-1021 Commercial and Industrial Designers**
Develop and design manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design.
- 27-1022 Fashion Designers**
Design clothing and accessories. Create original garments or design garments that follow well established fashion trends. May develop the line of color and kinds of materials.
- 27-1023 Floral Designers**
Design, cut, and arrange live, dried, or artificial flowers and foliage.
- 27-1024 Graphic Designers**
Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects.
- 27-1025 Interior Designers**
Plan, design, and furnish interiors of residential, commercial, or industrial buildings. Formulate design which is practical, aesthetic, and conducive to intended purposes, such as raising productivity, selling merchandise, or improving life style. May specialize in a particular field, style, or phase of interior design. Exclude "Merchandise Displayers and Window Trimmers" (27-1026).
- 27-1026 Merchandise Displayers and Window Trimmers**
Plan and erect commercial displays, such as those in windows and interiors of retail stores and at trade exhibitions.
- 27-1099 All Other Art and Design Workers**
- 27-2011 Actors**
Play parts in stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement to entertain or inform audience. May dance and sing.

Occupational Definitions

27-2012	Producers and Directors Produce or direct stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Responsible for creative decisions, such as interpretation of script, choice of guests, set design, sound, special effects, and choreography.
27-2021	Athletes and Sports Competitors Compete in athletic events
27-2022	Coaches and Scouts Instruct or coach groups or individuals in the fundamentals of sports. Demonstrate techniques and methods of participation. May evaluate athletes' strengths and weaknesses as possible recruits or to improve the athletes' technique to prepare them for competition. Those required to hold teaching degrees should be reported in the appropriate teaching category. Exclude "Athletic Trainers" (29-9091).
27-2023	Umpires, Referees, and Other Sports Officials Officiate at competitive athletic or sporting events. Detect infractions of rules and decide penalties according to established regulations. Include all sporting officials, referees, and competition judges.
27-2031	Dancers Perform dances. May also sing or act
27-2032	Choreographers Create and teach dance. May direct and stage presentations.
27-2041	Music Directors and Composers Conduct, direct, plan, and lead instrumental or vocal performances by musical groups, such as orchestras, choirs, and glee clubs. Include arrangers, composers, choral directors, and orchestrators.
27-2042	Musicians and Singers Play one or more musical instruments or entertain by singing songs in recital, in accompaniment, or as a member of an orchestra, band, or other musical group. Musical performers may entertain on-stage, radio, TV, film, video, or record in studios. Exclude "Dancers" (27-2031).
27-2099	Entertainers and Performers, Sports and Related Workers, all others

Occupational Definitions

27-3010

Announcers

This broad occupation includes the following two detailed occupations:

27-3011 Radio and Television Announcers

Talk on radio or television. May interview guests, act as master of ceremonies, read news flashes, identify station by giving call letters, or announce song title and artist.

27-3012 Public Address System and Other Announcers

Make announcements over loud speaker at sporting or other public events. May act as master of ceremonies or disc jockey at weddings, parties, clubs, or other gathering places.

27-3020

News Analysts, Reporters and Correspondents

This broad occupation includes the following two detailed occupations:

27-3021 Broadcast News Analysts

Analyze, interpret, and broadcast news received from various sources.

27-3022 Reporters and Correspondents

Collect and analyze facts about newsworthy events by interview, investigation, or observation. Report and write stories for newspaper, news magazine, radio, or television. Exclude "Broadcast News Analysts" (27-3021).

27-3031

Public Relations Specialists

Engage in promoting or creating good will for individuals, groups, or organizations by writing or selecting favorable publicity material and releasing it through various communications media. May prepare and arrange displays, and make speeches.

27-3041

Editors

Perform variety of editorial duties, such as laying out, indexing, and revising content of written materials, in preparation for final publication. Include technical editors.

27-3042

Technical Writers

Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.

27-3043

Writers and Authors

Originate and prepare written material, such as scripts, stories, advertisements, and other material. Exclude "Public Relations Specialists" (27-3031) and "Technical Writers" (27-3042).

Occupational Definitions

- 27-3091 Interpreters and Translators**
Translate or interpret written, oral, or sign language text into another language for others.
- 27-3099 Media and Communication Workers, all others**
- 27-4011 Audio and Video Equipment Technicians**
Set up or set up and operate audio and video equipment including microphones, sound speakers, video screens, projectors, video monitors, recording equipment, connecting wires and cables, sound and mixing boards, and related electronic equipment for concerts, sports events, meetings and conventions, presentations, and news conferences. May also set up and operate associated spotlights and other custom lighting systems. Exclude "Sound Engineering Technicians" (27-4014).
- 27-4012 Broadcast Technicians**
Set up, operate, and maintain the electronic equipment used to transmit radio and television programs. Control audio equipment to regulate volume level and quality of sound during radio and television broadcasts. Operate radio transmitter to broadcast radio and television programs.
- 27-4014 Sound Engineering Technicians**
Operate machines and equipment to record, synchronize, mix, or reproduce music, voices, or sound effects in sporting arenas, theater productions, recording studios, or movie and video productions.
- 27-4021 Photographers**
Photograph persons, subjects, merchandise, or other commercial products. May develop negatives and produce finished prints. Include scientific photographers, aerial photographers, and photojournalists.
- 27-4031 Camera Operators, Television, Video, and Motion Picture**
Operate television, video, or motion picture camera to photograph images or scenes for various purposes, such as TV broadcasts, advertising, video production, or motion pictures.
- 27-4032 Film and Video Editors**
Edit motion picture soundtracks, film, and video.
- 27-4099 Media and Communications Equipment Workers, all others**
All media and communication equipment workers not listed separately.

Occupational Definitions

29-1020

Dentists

This broad occupation includes the following five detailed occupations:

29-1021 Dentists, General

Diagnose and treat diseases, injuries, and malformations of teeth and gums and related oral structures. May treat diseases of nerve, pulp, and other dental tissues affecting vitality of teeth. Exclude "Prosthodontists" (29-1024), "Orthodontists" (29-1023), "Oral and Maxillofacial Surgeons" (29-1022) and "Dentists, all other specialists" (29-1029)

29-1022 Oral and Maxillofacial Surgeons

Perform surgery on mouth, jaws, and related head and neck structure to execute difficult and multiple extractions of teeth, to remove tumors and other abnormal growths, to correct abnormal jaw relations by mandibular or maxillary revision, to prepare mouth for insertion of dental prosthesis, or to treat fractured jaws.

29-1023 Orthodontists

Examine, diagnose, and treat dental malocclusions and oral cavity anomalies. Design and fabricate appliances to realign teeth and jaws to produce and maintain normal function and to improve appearance.

29-1024 Prosthodontists

Construct oral prostheses to replace missing teeth and other oral structures to correct natural and acquired deformation of mouth and jaws, to restore and maintain oral function, such as chewing and speaking, and to improve appearance.

29-1029 Dentists, All Other Specialists

All dentists not listed separately.

29-1031

Dietitians and Nutritionists

Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research.

29-1041

Optometrists

Diagnose, manage, and treat conditions and diseases of the human eye and visual system. Examine eyes and visual system, diagnose problems or impairments, prescribe corrective lenses, and provide treatment. May prescribe therapeutic drugs to treat specific eye conditions.

29-1051

Pharmacists

Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of medications.

Occupational Definitions

- 29-1060 Anesthesiologists**
Administer anesthetics during surgery or other medical procedures.
- 29-1071 Physician Assistants**
Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct complete physicals, provide treatment, and counsel patients. May, in some cases, prescribe medication. Must graduate from an accredited educational program for physician assistants. Exclude "Emergency Medical Technicians and Paramedics" (29-2041), "Medical Assistants" (31-9092), and "Registered Nurses" (29-1111).
- 29-1111 Registered Nurses**
Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. Include advance practice nurses such as: nurse practitioners, clinical nurse specialists, certified nurse midwives, and certified registered nurse anesthetists. Advanced practice nursing is practiced by RNs who have specialized formal, post-basic education and who function in highly autonomous and specialized roles.
- 29-1121 Audiologists**
Assess and treat persons with hearing and related disorders. May fit hearing aids and provide auditory training. May perform research related to hearing problems.
- 29-1122 Occupational Therapists**
Assess, plan, organize, and participate in rehabilitative programs that help restore vocational, homemaking, and daily living skills, as well as general independence, to disabled persons.
- 29-1123 Physical Therapists**
Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and decrease or prevent deformity of patients suffering from disease or injury.
- 29-1124 Radiation Therapists**
Provide radiation therapy to patients as prescribed by a radiologist according to established practices and standards. Duties may include reviewing prescription and diagnosis; acting as liaison with physician and supportive care personnel; preparing equipment, such as immobilization, treatment, and protection devices; and maintaining records, reports, and files. May assist in dosimetry procedures and tumor localization.

Occupational Definitions

- 29-1125** **Recreational Therapists**
Plan, direct, or coordinate medically-approved recreation programs for patients in hospitals, nursing homes, or other institutions. Activities include sports, trips, dramatics, social activities, and arts and crafts. May assess a patient condition and recommend appropriate recreational activity.
- 29-1126** **Respiratory Therapists**
Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.
- 29-1127** **Speech-Language Pathologists**
Assess and treat persons with speech, language, voice, and fluency disorders. May select alternative communication systems and teach their use. May perform research related to speech and language problems.
- 29-1131** **Veterinarians**
Diagnose and treat diseases and dysfunctions of animals. May engage in a particular function, such as research and development, consultation, administration, technical writing, sale or production of commercial products, or rendering of technical services to commercial firms or other organizations. Include veterinarians who inspect livestock.
- 29-2011** **Medical and Clinical Laboratory Technologists**
Perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff.
- 29-2012** **Medical and Clinical Laboratory Technicians**
Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.
- 29-2021** **Dental Hygienists**
Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop X-rays, or ply fluoride or sealants.
- 29-2031** **Cardiovascular Technologists and Technicians**
Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary-functions, lung capacity, and similar tests. Include vascular technologists.
- 29-2032** **Diagnostic Medical Sonographers**
Produce ultrasonic recordings of internal organs for use by physicians.

Occupational Definitions

- 29-2033 Nuclear Medicine Technologists**
Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies utilizing a variety of radioisotope equipment. Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists. Subject patients to radiation. Execute blood volume, red cell survival, and fat absorption studies following standard laboratory techniques.
- 29-2034 Radiologic Technologists and Technicians**
Take X-rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Include technologists who specialize in other modalities, such as computed tomography and magnetic resonance. Include workers whose primary duties are to demonstrate portions of the human body on X-ray film or fluoroscopic screen.
- 29-2041 Emergency Medical Technicians and Paramedics**
Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.
- 29-2051 Dietetic Technicians**
Assist dietitians in the provision of food service and nutritional programs. Under the supervision of dietitians, may plan and produce meals based on established guidelines, teach principles of food and nutrition, or counsel individuals.
- 29-2052 Pharmacy Technicians**
Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications.
- 29-2053 Psychiatric Technicians**
Care for mentally impaired or emotionally disturbed individuals, following physician instructions and hospital procedures. Monitor patients' physical and emotional well-being and report to medical staff. May participate in rehabilitation and treatment programs, help with personal hygiene, and administer oral medications and hypodermic injections.
- 29-2054 Respiratory Therapy Technicians**
Provide specific, well defined respiratory care procedures under the direction of respiratory therapists and physicians.
- 29-2055 Surgical Technologists**
Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.
- 29-2056 Veterinary Technologists and Technicians**
Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals. Prepare vaccines and serums for prevention of diseases. Prepare tissue samples, take blood samples, and execute laboratory tests, such as urinalysis and blood counts. Clean and sterilize instruments and materials and maintain equipment and machines.

Occupational Definitions

- 29-2061 Licensed Practical and Licensed Vocational Nurses**
Care for ill, injured, convalescent, or disabled persons in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.
- 29-2071 Medical Records and Health Information Technicians**
Compile, process, and maintain medical records of hospital and clinic patients in a manner consistent with medical, administrative, ethical, legal, and regulatory requirements of the health care system. Process, maintain, compile, and report patient information for health requirements and standards.
- 29-2081 Opticians, Dispensing**
Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with selecting frames. Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription. Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames. Verify exactness of finished lens spectacles. Adjust frame and lens position to fit client. May shape or reshape frames. Include contact lens opticians.
- 29-2091 Orthotists and Prosthetists**
Assist patients with disabling conditions of limbs and spine or with partial or total absence of limb by fitting and preparing orthopedic braces or prostheses
- 29-9010 Occupational Health and Safety Specialists and Technicians**
This broad occupation includes the following two detailed occupations:
- 29-9011 Occupational Health and Safety Specialists
Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors. May conduct inspections and enforce adherence to laws and regulations governing the health and safety of individuals. May be employed in the public or private sector. Include environmental protection officers.
- 29-9012 Occupational Health and Safety Technicians
Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.
- 29-9091 Athletic Trainers**
Evaluate, advise, and treat athletes to assist recovery from injury, avoid injury, or maintain peak physical fitness.
- 29-9199 Health Professionals and technician, all others**

Occupational Definitions

- 31-1011 Home Health Aides**
Provide routine, personal healthcare, such as bathing, dressing, or grooming, to elderly, convalescent, or disabled persons in the home of patients or in a residential care facility.
- 31-1012 Nursing Aides, Orderlies, and Attendants**
Provide basic patient care under direction of nursing staff. Perform duties, such as feed, bathe, dress, groom, or move patients, or change linens. Exclude "Home Health Aides" (31-1011) and "Psychiatric Aides" (31-1013).
- 31-1013 Psychiatric Aides**
Assist mentally impaired or emotionally disturbed patients, working under direction of nursing and medical staff.
- 31-2011 Occupational Therapist Assistants**
Assist occupational therapists in providing occupational therapy treatments and procedures. May, in accordance with State laws, assist in development of treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments. Generally requires formal training.
- 31-2022 Physical Therapist Aides**
Under close supervision of a physical therapist or physical therapy assistant, perform only delegated, selected, or routine tasks in specific situations. These duties include preparing the patient and the treatment area.
- 31-9011 Massage Therapists**
Massage customers for hygienic or remedial purposes.
- 31-9091 Dental Assistants**
Assist dentist, set up patient and equipment, and keep records.
- 31-9092 Medical Assistants**
Perform administrative and certain clinical duties under the direction of physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician. Exclude "Physician Assistants" (29-1071).
- 31-9093 Medical Equipment Preparers**
Prepare, sterilize, install, or clean laboratory or healthcare equipment. May perform routine laboratory tasks and operate or inspect equipment.

Occupational Definitions

- 31-9094 Medical Transcriptionists**
Use transcribing machines with headset and foot pedal to listen to recordings by physicians and other healthcare professionals dictating a variety of medical reports, such as emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Transcribe dictated reports and translate medical jargon and abbreviations into their expanded forms. Edit as necessary and return reports in either printed or electronic form to the dictator for review and signature, or correction.
- 31-9095 Pharmacy Aides**
Record drugs delivered to the pharmacy, store incoming merchandise, and inform the supervisor of stock needs. May operate cash register and accept prescriptions for filling.
- 31-9096 Veterinary Assistants and Laboratory Animal Caretakers**
Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment. May provide routine post-operative care, administer medication orally or topically, or prepare samples for laboratory examination under the supervision of veterinary or laboratory animal technologists or technicians, veterinarians, or scientists. Exclude "Nonfarm Animal Caretakers" (39-2021).
- 31-9099 Healthcare Support Workers, all others**
All healthcare support workers not listed separately.
- 33-1011 First-Line Supervisors/Managers of Correctional Officers**
Supervise and coordinate activities of correctional officers and jailers.
- 33-1012 First-Line Supervisors/Managers of Police and Detectives**
Supervise and coordinate activities of members of police force.
- 33-1099 First-Line Supervisors/Managers, Protective Services Workers, all others**
All protective services supervisors not listed separately.
- 33-2000 Fire Fighting and Preventive Workers**
- 33-2011 Fire Fighters**
Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster management.
- 33-3011 Bailiffs**
Maintain order in courts of law.

Occupational Definitions

- 33-3012** **Correctional Officers and Jailers**
Guard inmates in penal or rehabilitative institution in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point. Include deputy sheriffs and police who spend the majority of their time guarding prisoners in correctional institutions.
- 33-3021** **Detectives and Criminal Investigators**
Conduct investigations related to suspected violations of Federal, State, or local laws to prevent or solve crimes. Exclude "Private Detectives and Investigators" (33-9021).
- 33-3031** **Fish and Game Wardens**
Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data.
- 33-3041** **Parking Enforcement Workers**
Patrol assigned area, such as public parking lot or section of city to issue tickets to overtime parking violators and illegally parked vehicles.
- 33-3051** **Police and Sheriff's Patrol Officers**
Maintain order, enforce laws and ordinances, and protect life and property in an assigned patrol district. Perform combination of following duties: patrol a specific area on foot or in a vehicle; direct traffic; issue traffic summonses; investigate accidents; apprehend and arrest suspects, or serve legal processes of courts.
- 33-9011** **Animal Control Workers**
Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals.
- 33-9021** **Private Detectives and Investigators**
Detect occurrences of unlawful acts or infractions of rules in private establishment, or seek, examine, and compile information for client.
- 33-9031** **Gaming Surveillance Officers and Gaming Investigators**
Act as oversight and security agent for management and customers. Observe casino or casino hotel operation for irregular activities such as cheating or theft by either employees or patrons. May utilize one-way mirrors above the casino floor, cashier's cage, and from desk. Use of audio/video equipment is also common to observe operation of the business. Usually required to provide verbal and written reports of all violations and suspicious behavior to supervisor.
- 33-9032** **Security Guards**
Guard, patrol, or monitor premises to prevent theft, violence, or infractions of rules.

Occupational Definitions

- 33-9091 Crossing Guards**
Guide or control vehicular or pedestrian traffic at such places as streets, schools, railroad crossings, or construction sites.
- 33-9099 Protective Service Workers, all others**
All protective service workers not listed separately.
- 35-0000 Food Preparation and Serving Related Occupations**
- 35-1011 Chefs and Head Cook**
Direct the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts. May participate in cooking.
- 35-1012 First-Line Supervisors/Managers of Food Preparation and Serving Workers**
Supervise workers engaged in preparing and serving food.
- 35-2011 Cooks, Fast Food**
Prepare and cook food in a fast food restaurant with a limited menu. Duties of the cooks are limited to preparation of a few basic items and normally involve operating large-volume single-purpose cooking equipment.
- 35-2012 Cooks, Institution and Cafeteria**
Prepare and cook large quantities of food for institutions, such as schools, hospitals, or cafeterias.
- 35-2014 Cooks, Restaurant**
Prepare, season, and cook soups, meats, vegetables, desserts, or other foodstuffs in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.
- 35-2015 Cooks, Short Order**
Prepare and cook to order a variety of foods that require only a short preparation time. May take orders from customers and serve patrons at counters or tables. Exclude "Fast Food Cooks" (35-2011).
- 35-2021 Food Preparation Workers**
Perform a variety of food preparation duties other than cooking, such as preparing cold foods and shellfish, slicing meat, and brewing coffee or tea.
- 35-3011 Bartenders**
Mix and serve drinks to patrons, directly or through wait-staff.

Occupational Definitions

- 35-3021 Combined Food Preparation and Serving Workers, Including Fast Food**
Perform duties, which combine both food preparation and food service.
- 35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop**
Serve food to diners at counter or from a steam table. Include counter attendants who also wait tables with "Waiters and Waitresses" (35-3031).
- 35-3031 Waiters and Waitresses**
Take orders and serve food and beverages to patrons at tables in dining establishment. Exclude "Counter Attendants, Cafeteria, Food concession, and Coffee Shop" (35-3022).
- 35-3041 Food Servers, Non-restaurant**
Serve food to patrons outside of a restaurant environment, such as in hotels, hospital rooms, or cars. Exclude "Door-to-Door Sales Workers, News and Street Vendors, and Related Workers" (41-9091) and "Counter Attendants, Cafeteria, Food Concession, and Coffee Shop" (35-3022).
- 35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers**
Facilitate food service. Clean tables, carry dirty dishes, replace soiled table linens; set tables; replenish supply of clean linens, silverware, glassware, and dishes; supply service bar with food, and serve water, butter, and coffee to patrons.
- 35-9021 Dishwashers**
Clean dishes, kitchen, food preparation equipment, or utensils.
- 35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop**
Welcome patrons, seat them at tables or in lounge, and help ensure quality of facilities and service.
- 35-9099 Food Preparation and Serving Related Workers, All Other**
All food preparation and serving related workers not listed separately.
- 37-0000 Building and Grounds Cleaning and Maintenance Occupations**
- 37-1011 First-Line Supervisors/Managers of Housekeeping and Janitorial Workers**
Supervise work activities of cleaning personnel in hotels, hospitals, offices, and other establishments.

Occupational Definitions

- 37-1012 First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds-keeping Workers**
Plan, organize, direct, or coordinate activities of workers engaged in landscaping or grounds-keeping activities, such as planting and maintaining ornamental trees, shrubs, flowers, and lawns, and applying fertilizers, pesticides, and other chemicals, according to contract specifications. May also coordinate activities of workers engaged in terracing hillsides, building retaining walls, constructing pathways, installing patios, and similar activities in following a landscape design plan. Work may involve reviewing contracts to ascertain service, machine, and work force requirements; answering inquiries from potential customers regarding methods, material, and price ranges; and preparing estimates according to labor, material, and machine costs.
- 37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners**
Keep buildings in clean and orderly condition. Perform heavy cleaning duties, such as cleaning floors, shampooing rugs, washing walls and glass, and removing rubbish. Duties may include tending furnace and boiler, performing routine maintenance activities, notifying management of need for repairs, and cleaning snow or debris from sidewalk.
- 37-2012 Maids and Housekeeping Cleaners**
Perform any combination of light cleaning duties to maintain private households or commercial establishments, such as hotels, restaurants, and hospitals, in a clean and orderly manner. Duties include making beds, replenishing linens, cleaning rooms and halls, and vacuuming.
- 37-2021 Pest Control Workers**
Spray or release chemical solutions or toxic gases and set traps to kill pests and vermin, such as mice, termites, and roaches, that infest buildings and surrounding areas.
- 37-3011 Landscaping and Grounds-keeping Workers**
Landscape or maintain grounds of property using hand or power tools or equipment. Workers typically perform a variety of tasks, which may include any combination of the following: sod laying, mowing, trimming, planting, watering, fertilizing, digging, raking, sprinkler installation, and installation of mortar-less segmental concrete masonry wall units. Exclude "Farm workers and Laborers, Crop, Nursery, and Greenhouse" (45-2092).
- 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation**
Mix or apply pesticides, herbicides, fungicides, or insecticides through sprays, dusts, vapors, soil incorporation or chemical application on trees, shrubs, lawns, or botanical crops. Usually requires specific training and State or Federal certification. Exclude "Commercial Pilots" (53-2012) who operate aviation equipment to dust or spray crops.

Occupational Definitions

- 37-3013** **Tree Trimmers and Pruners**
Cut away dead or excess branches from trees or shrubs to maintain right-of-way for roads, sidewalks, or utilities, or to improve appearance, health, and value of tree. Prune or treat trees or shrubs using handsaws, pruning hooks, sheers, and clippers. May use truck-mounted lifts and power pruners. May fill cavities in trees to promote healing and prevent deterioration. Exclude workers who primarily perform duties of "Pesticide Handlers, Sprayers, and Applicators, Vegetation" (37-3012) and "Landscaping and Grounds-keeping Workers" (37-3011).
- 37-9000** **All Other Building and Grounds Cleaning and Maintenance Workers (OES Only)**
- 39-0000** **Personal Care and Service Occupations**
- 39-1011** **Gaming Supervisors**
Supervise gaming operations and personnel in an assigned area. Circulate among tables and observe operations. Ensure that stations and games are covered for each shift. May explain and interpret operating rules of house to patrons. May plan and organize activities and create friendly atmosphere for guests in hotels/casinos. May adjust service complaints. Exclude "Slot Key Persons" (39-1012).
- 39-1012** **Slot Key Persons**
Coordinate/supervise functions of slot department workers to provide service to patrons. Handle and settle complaints of players. Verify and payoff jackpots. Reset slot machines after payoffs. Make minor repairs or adjustments to slot machines. Recommend removal of slot machines for repair. Report hazards and enforces safety rules.
- 39-1021** **First-Line Supervisors/Managers of Personal Service Workers**
Supervise and coordinate activities of personal service workers, such as supervisors of flight attendants, hairdressers, or caddies.
- 39-2011** **Animal Trainers**
Train animals for riding, harness, security, performance, or obedience, or assisting persons with disabilities. Accustom animals to human voice and contact; and condition animals to respond to commands. Train animals according to prescribed standards for show or competition. May train animals to carry pack loads or work as part of pack team.
- 39-2021** **Non-farm Animal Caretakers**
Feed, water, groom, bathe, exercise, or otherwise care for pets and other non-farm animals, such as dogs, cats, ornamental fish or birds, zoo animals, and mice. Work in settings such as kennels, animal shelters, zoos, circuses, and aquariums. May keep records of feedings, treatments, and animals received or discharged. May clean, disinfect, and repair cages, pens, or fish tanks. Exclude "Veterinary Assistants and Laboratory Animal Caretakers" (31-9096).
- 39-3000** **Entertainment Attendants and Related Workers**

Occupational Definitions

- 39-3011 Gaming Dealers**
Operate table games. Stand or sit behind table and operate games of chance by dispensing the appropriate number of cards or blocks to players, or operating other gaming equipment. Compare the house's hand against players' hands and payoff or collect players' money or chips.
- 39-3012 Gaming and Sports Book Writers and Runners**
Assist in the operation of games such as keno and bingo. Scan winning tickets presented by patrons, calculate amount of winnings and pay patrons. May operate keno and bingo equipment. May start gaming equipment that randomly selects numbers. May announce number selected until total numbers specified for each game are selected. May pick up tickets from players, collect bets, receive, verify and record patrons' cash wagers.
- 39-3021 Motion Picture Projectionists**
Set up and operate motion picture projection and related sound reproduction equipment.
- 39-3031 Ushers, Lobby Attendants, and Ticket Takers**
Assist patrons at entertainment events by performing duties, such as collecting admission tickets and passes from patrons, assisting in finding seats, searching for lost articles, and locating such facilities as rest rooms and telephones.
- 39-3091 Amusement and Recreation Attendants**
Perform variety of attending duties at amusement or recreation facility. May schedule use of recreation facilities, maintain and provide equipment to participants of sporting events or recreational pursuits, or operate amusement concessions and rides.
- 39-3092 Locker Room, Coatroom, and Dressing Room Attendants**
Provide personal items to patrons or customers in locker rooms, dressing rooms, or coatrooms.
- 39-3199 All Other Gaming Workers**
- 39-4011 Embalmers**
Prepare bodies for interment in conformity with legal requirements.
- 39-4021 Funeral Attendants**
Perform variety of tasks during funeral, such as placing casket in parlor or chapel prior to service; arranging floral offerings or lights around casket; directing or escorting mourners; closing casket; and issuing and storing funeral equipment.
- 39-5011 Barbers**
Provide barbering services, such as cutting, trimming, shampooing, and styling hair, trimming beards, or giving shaves.

Occupational Definitions

- 39-5012 Hairdressers, Hairstylists, and Cosmetologists**
Provide beauty services, such as shampooing, cutting, coloring, and styling hair, and massaging and treating scalp. May also apply makeup, dress wigs, perform hair removal, and provide nail and skin care services.
- 39-5092 Manicurists and Pedicurists**
Clean and shape customers' fingernails and toenails. May polish or decorate nails.
- 39-5093 Shampooers**
Shampoo and rinse customer's hair.
- 39-5094 Skin Care Specialists**
Provide skin care treatments to face and body to enhance an individual's appearance.
- 39-6000 Transportation, Tourism, and Lodging Attendants**
- 39-6011 Baggage Porters and Bellhops**
Handle baggage for travelers at transportation terminals or for guests at hotels or similar establishments.
- 39-6012 Concierges**
Assist patrons at hotel, apartment or office building with personal services. May take messages, arrange or give advice on transportation, business services or entertainment, or monitor guest requests for housekeeping and maintenance.
- 39-6021 Tour Guides and Escorts**
Escort individuals or groups on sightseeing tours or through places of interest, such as industrial establishments, public buildings, and art galleries.
- 39-6022 Travel Guides**
Plan, organize, and conduct long distance cruises, tours, and expeditions for individuals and groups.
- 39-6031 Flight Attendants**
Provide personal services to ensure the safety and comfort of airline passengers during flight. Greet passengers, verify tickets, explain use of safety equipment, and serve food or beverages.
- 39-6032 Transportation Attendants, Except Flight Attendants and Baggage Porters**
Provide services to ensure the safety and comfort of passengers aboard ships, buses, trains, or within the station or terminal. Perform duties, such as greeting passengers, explaining the use of safety equipment, serving meals or beverages, or answering questions related to travel.

Occupational Definitions

39-9000 Other Personal Care and Service Workers

39-9011 Child Care Workers

Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play. Exclude "Preschool Teachers" (25-2011) and "Teacher Assistants" (25-9041).

39-9021 Personal and Home Care Aides

Assist elderly or disabled adults with daily living activities at the person's home or in a daytime non-residential facility. Duties performed at a place of residence may include keeping house (making beds, doing laundry, washing dishes) and preparing meals. May provide meals and supervised activities at non-residential care facilities. May advise families, the elderly, and disabled on such things as nutrition, cleanliness, and household utilities.

39-9031 Fitness Trainers and Aerobics Instructors

Instruct or coach groups or individuals in exercise activities and the fundamentals of sports. Demonstrate techniques and methods of participation. Observe participants and inform them of corrective measures necessary to improve their skills. Those required to hold teaching degrees should be reported in the appropriate teaching category. Exclude "Athletic Trainers" (29-9091).

39-9032 Recreation Workers

Conduct recreation activities with groups in public, private, or volunteer agencies or recreation facilities. Organize and promote activities, such as arts and crafts, sports, games, music, dramatics, social recreation, camping, and hobbies, taking into account the needs and interests of individual members.

39-9041 Residential Advisors

Coordinate activities for residents of boarding schools, college fraternities or sororities, college dormitories, or similar establishments. Order supplies and determine need for maintenance, repairs, and furnishings. May maintain household records and assign rooms. May refer residents to counseling resources if needed.

41-0000 Sales and Related Occupations

41-1011 First-Line Supervisors/Managers of Retail Sales Workers

Directly supervise sales workers in a retail establishment or department. Duties may include management functions, such as purchasing, budgeting, accounting, and personnel work, in addition to supervisory duties.

41-1012 First-Line Supervisors/Managers of Non-Retail Sales Workers

Directly supervise and coordinate activities of sales workers other than retail sales workers. May perform duties, such as budgeting, accounting, and personnel work, in addition to supervisory duties.

Occupational Definitions

- 41-2011 Cashiers**
Receive and disburse money in establishments other than financial institutions. Usually involves use of electronic scanners, cash registers, or related equipment. Often involved in processing credit or debit card transactions and validating checks.
- 41-2012 Gaming Change Persons and Booth Cashiers**
Exchange coins and tokens for patrons' money. May issue payoffs and obtain customer's signature on receipt when winnings exceed the amount held in the slot machine. May operate a booth in the slot machine area and furnish change persons with money bank at the start of the shift, or count and audit money in drawers.
- 41-2021 Counter and Rental Clerks**
Receive orders for repairs, rentals, and services. May describe available options, compute cost, and accept payment.
- 41-2022 Parts Salespersons**
Sell spare and replacement parts and equipment in repair shop or parts store.
- 41-2031 Retail Salespersons**
Sell merchandise, such as furniture, motor vehicles, appliances, or apparel in a retail establishment. Exclude "Cashiers" (41-2011).
Occupational Definitions
- 41-3011 Advertising Sales Agents**
Sell or solicit advertising, including graphic art, advertising space in publications, custom made signs, or TV and radio advertising time. May obtain leases for outdoor advertising sites or persuade retailer to use sales promotion display items.
- 41-3021 Insurance Sales Agents**
Sell life, property, casualty, health, automotive, or other types of insurance. May refer clients to independent brokers, work as independent broker, or be employed by an insurance company.
- 41-3031 Securities, Commodities, and Financial Services Sales Agents**
Buy and sell securities in investment and trading firms, or call upon businesses and individuals to sell financial services. Provide financial services, such as loan, tax, and securities counseling. May advise securities customers about such things as stocks, bonds, and market conditions.
- 41-3041 Travel Agents**
Plan and sell transportation and accommodations for travel agency customers. Determine destination, modes of transportation, travel dates, costs, and accommodations required.

Occupational Definitions

- 41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products**
Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology, engineering, chemistry, and electronics, normally obtained from at least 2 years of post-secondary education.
- 41-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products**
Sell goods for wholesalers or manufacturers to businesses or groups of individuals. Work requires substantial knowledge of items sold.
- 41-9011 Demonstrators and Product Promoters**
Demonstrate merchandise and answer questions for the purpose of creating public interest in buying the product. May sell demonstrated merchandise.
- 41-9012 Models**
Model garments and other apparel to display clothing before prospective buyers at fashion shows, private showings, retail establishments, or photographer. May pose for photos to be used for advertising purposes. May pose as subject for paintings, sculptures, and other types of artistic expression.
- 41-9021 Real Estate Brokers**
Operate real estate office, or work for commercial real estate firm, overseeing real estate transactions. Other duties usually include selling real estate or renting properties and arranging loans.
- 41-9022 Real Estate Sales Agents**
Rent, buy, or sell property for clients. Perform duties, such as study property listings, interview prospective clients, accompany clients to property site, discuss conditions of sale, and draw up real estate contracts. Include agents who represent buyer.
- 41-9031 Sales Engineers**
Sell business goods or services, the selling of which requires a technical background equivalent to a baccalaureate degree in engineering. Exclude "Engineers" (17-2011 through 17-2199) whose primary function is not marketing or sales.
- 41-9041 Telemarketers**
Solicit orders for goods or services over the telephone.
- 41-9091 Door-To-Door Sales Workers, News and Street Vendors, and Related Workers**
Sell goods or services door-to-door or on the street.
- 41-9099 Sales and Related Workers, All Other**
All sales and related workers not listed separately.

Occupational Definitions

- 43-0000 Office and Administrative Support Occupations**
- 43-1011 First-Line Supervisors/Managers of Office and Administrative Support Workers**
Supervise and coordinate the activities of clerical and administrative support workers.
- 43-2011 Switchboard Operators, Including Answering Service**
Operate telephone business systems equipment or switchboards to relay incoming, outgoing, and interoffice calls. May supply information to callers and record messages.
- 43-2021 Telephone Operators**
Provide information by accessing alphabetical and geographical directories. Assist customers with special billing requests, such as charges to a third party and credits or refunds for incorrectly dialed numbers or bad connections. May handle emergency calls and assist children or people with physical disabilities to make telephone calls.
- 43-2099 Communications Equipment Operators, All Other**
All communications equipment operators not listed separately.
- 43-3011 Bill and Account Collectors**
Locate and notify customers of delinquent accounts by mail, telephone, or personal visit to solicit payment. Duties include receiving payment and posting amount to customer's account; preparing statements to credit department if customer fails to respond; initiating repossession proceedings or service disconnection; keeping records of collection and status of accounts.
- 43-3021 Billing and Posting Clerks and Machine Operators**
Compile, compute, and record billing, accounting, statistical, and other numerical data for billing purposes. Prepare billing invoices for services rendered or for delivery or shipment of goods.
- 43-3031 Bookkeeping, Accounting, and Auditing Clerks**
Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers.
- 43-3041 Gaming Cage Workers**
In a gaming establishment, conduct financial transactions for patrons. May reconcile daily summaries of transactions to balance books. Accept patron's credit application and verify credit references to provide check-cashing authorization or to establish house credit accounts. May sell gambling chips, tokens, or tickets to patrons, or to other workers for resale to patrons. May convert gaming chips, tokens, or tickets to currency upon patron's request. May use a cash register or computer to record transaction.

Occupational Definitions

- 43-3051 Payroll and Timekeeping Clerks**
Compile and post employee time and payroll data. May compute employees' time worked, production, and commission. May compute and post wages and deductions. May prepare paychecks.
- 43-3061 Procurement Clerks**
Compile information and records to draw up purchase orders for procurement of materials and services.
- 43-3071 Tellers**
Receive and pay out money. Keep records of money and negotiable instruments involved in a financial institution's various transactions.
- 43-4011 Brokerage Clerks**
Perform clerical duties involving the purchase or sale of securities. Duties include writing orders for stock purchases and sales, computing transfer taxes, verifying stock transactions, accepting and delivering securities, tracking stock price fluctuations, computing equity, distributing dividends, and keeping records of daily transactions and holdings.
- 43-4021 Correspondence Clerks**
Compose letters in reply to requests for merchandise, damage claims, credit and other information, delinquent accounts, incorrect billings, or unsatisfactory services. Duties may include gathering data to formulate reply and typing correspondence.
- 43-4031 Court, Municipal, and License Clerks**
Perform clerical duties in courts of law, municipalities, and governmental licensing agencies and bureaus. May prepare docket of cases to be called; secure information for judges and court; prepare draft agendas or bylaws for town or city council; answer official correspondence; keep fiscal records and accounts; issue licenses or permits; record data, administer tests, or collect fees. Include chief clerks with "Managers, All Other" (11-9199).
- 43-4041 Credit Authorizers, Checkers, and Clerks**
Authorize credit charges against customers' accounts. Investigate history and credit standing of individuals or business establishments applying for credit. May interview applicants to obtain personal and financial data; determine credit worthiness; process applications; and notify customers of acceptance or rejection of credit.
- 43-4051 Customer Service Representatives**
Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. exclude individuals whose duties are primarily sales or repair.

Occupational Definitions

- 43-4061 Eligibility Interviewers, Government Programs**
Determine eligibility of persons applying to receive assistance from government programs and agency resources, such as welfare, unemployment benefits, social security, and public housing.
- 43-4071 File Clerks**
File correspondence, cards, invoices, receipts, and other records in alphabetical or numerical order or according to the filing system used. locate and remove material from file when requested.
- 43-4081 Hotel, Motel, and Resort Desk Clerks**
Accommodate hotel, motel, and resort patrons by registering and assigning rooms to guests, issuing room keys, transmitting and receiving messages, keeping records of occupied rooms and guests' accounts, making and confirming reservations, and presenting statements to and collecting payments from departing guests.
- 43-4111 Interviewers, Except Eligibility and Loan**
Interview persons by telephone, mail, in person, or by other means for the purpose of completing forms, applications, or questionnaires. Ask specific questions, record answers, and assist persons with completing form. May sort, classify, and file forms.
- 43-4121 Library Assistants, Clerical**
Compile records, sort and shelve books, and issue and receive library materials such as pictures, cards, slides and microfilm. Locate library materials for loan and replace material in shelving area, stacks, or files according to identification number and title. Register patrons to permit them to borrow books, periodicals, and other library materials.
- 43-4131 Loan Interviewers and Clerks**
Interview loan applicants to elicit information; investigate applicants' backgrounds and verify references; prepare loan request papers; and forward findings, reports, and documents to appraisal department. Review loan papers to ensure completeness, and complete transactions between loan establishment, borrowers, and sellers upon approval of loan.
- 43-4141 New Accounts Clerks**
Interview persons desiring to open bank accounts. Explain banking services available to prospective customers and assist them in preparing application form.
- 43-4151 Order Clerks**
Receive and process incoming orders for materials, merchandise, classified ads, or services such as repairs, installations, or rental of facilities. Duties include informing customers of receipt, prices, shipping dates, and delays; preparing contracts; and handling complaints. Exclude "Dispatchers, Except Police, Fire, and Ambulance" (43-5032) who both dispatch and take orders for services.

Occupational Definitions

- 43-4161 Human Resources Assistants, Except Payroll and Timekeeping**
Compile and keep personnel records. Record data for each employee, such as address, weekly earnings, absences, amount of sales or production, supervisory reports on ability, and date of and reason for termination. Compile and type reports from employment records. File employment records. Search employee files and furnish information to authorized persons.
- 43-4171 Receptionists and Information Clerks**
Answer inquiries and obtain information for general public, customers, visitors, and other interested parties. Provide information regarding activities conducted at establishment; location of departments, offices, and employees within organization. Exclude "Switchboard Operators, Including Answering Service" (43-2011).
- 43-4181 Reservation and Transportation Ticket Agents and Travel Clerks**
Make and confirm reservations and sell tickets to passengers and for large hotel or motel chains. May check baggage and direct passengers to designated concourse, pier, or track; make reservations, deliver tickets, arrange for visas, contact individuals and groups to inform them of package tours, or provide tourists with travel information, such as points of interest, restaurants, rates, and emergency service. Exclude "Travel Agents" (41-3041), "Hotel, Motel, and Resort Desk Clerks" (43-4081), and "Cashiers" (41-2011) who sell tickets for local transportation.
- 43-4999 All Other Financial, Information, and Record Clerks**
- 43-5011 Cargo and Freight Agents**
Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, and shipping docks. Take orders from customers and arrange pickup of freight and cargo for delivery to loading platform. Prepare and examine bills of lading to determine shipping charges and tariffs.
- 43-5021 Couriers and Messengers**
Pick up and carry messages, documents, packages, and other items between offices or departments within an establishment or to other business concerns, traveling by foot, bicycle, motorcycle, automobile, or public conveyance. Exclude "Truck Drivers, Light or Delivery Services" (53-3033).
- 43-5031 Police, Fire, and Ambulance Dispatchers**
Receive complaints from public concerning crimes and police emergencies. Broadcast orders to police patrol units in vicinity of complaint to investigate. Operate radio, telephone, or computer equipment to receive reports of fires and medical emergencies and relay information or orders to proper officials.

Occupational Definitions

- 43-5032 Dispatchers, Except Police, Fire, and Ambulance**
Schedule and dispatch workers, work crews, equipment, or service vehicles for conveyance of materials, freight, or passengers, or for normal installation, service, or emergency repairs rendered outside the place of business. Duties may include using radio, telephone, or computer to transmit assignments and compiling statistics and reports on work progress.
- 43-5041 Meter Readers, Utilities**
Read meter and record consumption of electricity, gas, water, or steam.
- 43-5051 Postal Service Clerks**
Perform any combination of tasks in a post office, such as receive letters and parcels; sell postage and revenue stamps, postal cards, and stamped envelopes; fill out and sell money orders; place mail in pigeon holes of mail rack or in bags according to State, address, or other scheme; and examine mail for correct postage.
- 43-5052 Postal Service Mail Carriers**
Sort mail for delivery. Deliver mail on established route by vehicle or on foot.
- 43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators**
Prepare incoming and outgoing mail for distribution. Examine, sort, and route mail by State, type of mail, or other scheme. Load, operate, and occasionally adjust and repair mail processing, sorting, and canceling machinery. Keep records of shipments, pouches, and sacks; and other duties related to mail handling within the postal service. Must complete a competitive exam. Exclude "Postal Service Clerks" (43-5051) and "Postal Service Mail Carriers" (43-5052).
- 43-5061 Production, Planning, and Expediting Clerks**
Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule. Duties include reviewing and distributing production, work, and shipment schedules; conferring with department supervisors to determine progress of work and completion dates; and compiling reports on progress of work, inventory levels, costs, and production problems. Exclude "Weighers, Measurers, Checkers, and Samplers, Record-keeping" (43-5111).
- 43-5071 Shipping, Receiving, and Traffic Clerks**
Verify and keep records on incoming and outgoing shipments. Prepare items for shipment. Duties include assembling, addressing, stamping, and shipping merchandise or material; receiving, unpacking, verifying and recording incoming merchandise or material; and arranging for the transportation of products. Exclude "Stock Clerks and Order Fillers" (43-5081) and "Weighers, Measurers, Checkers, and Samplers, Record-keeping" (43-5111).

Occupational Definitions

- 43-5081 Stock Clerks and Order Fillers**
Receive, store, and issue sales floor merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customers' orders. May mark prices on merchandise and set up sales displays. Exclude "Laborers and Freight, Stock, and Material Movers, Hand" (53-7062), and "Shipping, Receiving, and Traffic Clerks" (43-5071).
- 43-5111 Weighers, Measurers, Checkers, and Samplers, Record-keeping**
Weigh, measure, and check materials, supplies, and equipment for the purpose of keeping relevant records. Duties are primarily clerical by nature. Include workers who collect and keep record of samples of products or materials. Exclude production "Inspectors, Testers, Sorters, Samplers, and Weighers" (51-9061).
- 43-5199 All other material Recording, Scheduling, Dispatching, and Distributing Workers**
- 43-6011 Executive Secretaries and Administrative Assistants**
Provide high-level administrative support by conducting research, preparing statistical reports, handling information requests, and performing clerical functions such as preparing correspondence, receiving visitors, arranging conference calls, and scheduling meetings. May also train and supervise lower-level clerical staff. Exclude "Secretaries" (43-6012 through 43-6014).
- 43-6012 Legal Secretaries**
Perform secretarial duties utilizing legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas. May also assist with legal research.
- 43-6013 Medical Secretaries**
Perform secretarial duties utilizing specific knowledge of medical terminology and hospital, clinic, or laboratory procedures. Duties include scheduling appointments, billing patients, and compiling and recording medical charts, reports, and correspondence.
- 43-6014 Secretaries, Except Legal, Medical, and Executive**
Perform routine clerical and administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining paper and electronic files, or providing information to callers. Exclude legal, medical, or executive secretaries and administrative assistants (43-6011 through 43-6013).
- 43-9011 Computer Operators**
Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. May enter commands at a computer terminal and set controls on computer and peripheral devices. Monitor and respond to operating and error messages. Exclude "Data Entry Keyers" (43-9021).

Occupational Definitions

- 43-9021 Data Entry Keyers**
Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing. Exclude "Word Processors and Typists" (43-9022).
- 43-9022 Word Processors and Typists**
Use word processor/computer or typewriter to type letters, reports, forms, or other material from rough draft, corrected copy, or voice recording. May perform other clerical duties as assigned. Include composing data Keyers. Exclude "Data Entry Keyers" (43-9021), "Secretaries and Administrative Assistants" (43-6011 through 43-6014), "Court Reporters" (23-2091), and "Medical Transcriptionists" (31-9094).
- 43-9031 Desktop Publishers**
Format typescript and graphic elements using computer software to produce publication-ready material.
- 43-9041 Insurance Claims and Policy Processing Clerks**
Process new insurance policies, modifications to existing policies, and claims forms. Obtain information from policyholders to verify the accuracy and completeness of information on claims forms, applications and related documents, and company records. Update existing policies and company records to reflect changes requested by policyholders and insurance company representatives. Exclude "Claims Adjusters, Examiners, and Investigators" (13-1031).
- 43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service**
Prepare incoming and outgoing mail for distribution. Use hand or mail handling machines to time stamp, open, read, sort, and route incoming mail; and address, seal, stamp, fold, stuff, and affix postage to outgoing mail or packages. Duties may also include keeping necessary records and completed forms.
- 43-9061 Office Clerks, General**
Perform duties too varied and diverse to be classified in any specific office clerical occupation, requiring limited knowledge of office management systems and procedures. Clerical duties may be assigned in accordance with the office procedures of individual establishments and may include a combination of answering telephones, bookkeeping, typing or word processing, stenography, office machine operation, and filing.
- 43-9071 Office Machine Operators, Except Computer**
Operate one or more of a variety of office machines, such as photocopying, photographic, and duplicating machines, or other office machines. Exclude "Computer Operators" (43-9011), "Mail Clerks and Mail Machine Operators" (43-9051) and "Billing and Posting Clerks and Machine Operators" (43-3021).
- 43-9081 Proofreaders and Copy Markers**
Read transcript or proof type setup to detect and mark for correction any grammatical, typographical, or compositional errors. Exclude workers whose primary duty is editing copy. Include proofreaders of Braille.

Occupational Definitions

- 43-9111 Statistical Assistants**
Compile and compute data according to statistical formulas for use in statistical studies. May perform actuarial computations and compile charts and graphs for use by actuaries. Include actuarial clerks.
- 43-9999 All Other Secretaries, Administrative Assistants, and Other Office Support Workers**
- 45-0000 Farming, Fishing, and Forestry Occupations**
- 45-1011 First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers**
Directly supervise and coordinate the activities of agricultural, forestry, aquaculture, and related workers. Exclude "First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds-keeping Workers" (37-1012).
- 45-1012 Farm Labor Contractors**
- 45-2011 Agricultural Inspectors**
Inspect agricultural commodities, processing equipment, and facilities, and fish and logging operations, to ensure compliance with regulations and laws governing health, quality, and safety.
- 45-2021 Animal Breeders**
Breed animals, including, cattle, goats, horses, sheep, swine, poultry, fogs, cats, or pet birds. Select and breed animals according to their genealogy, characteristics, and offspring. May require a knowledge of artificial insemination techniques and equipment use. May involve keeping records on heat, birth intervals, or pedigree. Exclude "Non-farm Animal Caretakers" (39-2021) who may occasionally breed animals as part of their other care-taking duties. Exclude "Animal Scientists" (19-1011) whose primary functions is research.
- 45-2041 Graders and Sorters, Agricultural Products**
Grade, sort, or classify unprocessed food and other agricultural products by size, weight, color, or condition. Exclude "Agricultural Inspectors" (45-2011).
- 45-2091 Agricultural Equipment Operators**
Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops. May perform tasks, such as crop baling or hay bucking. may operate stationary equipment to perform post-harvest tasks, such as husking, shelling, threshing, and ginning.

Occupational Definitions

- 45-2092 Farm-workers and Laborers, Crop, Nursery, and Greenhouse**
Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools, such as shovels, trowels, hoes, tampers, pruning hooks, shears, and knives. Duties may include tilling soil and applying fertilizers; transplanting, weeding, thinning, or pruning crops; applying pesticides; cleaning, grading, sorting, packing and loading harvested products. May construct trellises, repair fences and farm buildings, or participate in irrigation activities. Exclude "Graders and Sorters, Agricultural Products" (45-2041). Exclude "Forest, Conservation, and Logging Workers" (45-4011 through 45-4029).
- 45-2093 Farm-workers, Farm and Ranch Animals**
Attend to live farm, ranch, or aquaculture animals that may include cattle, sheep, swine, goats, horses and other equines, poultry, finfish, shellfish, and bees. Attend to animals produced for animal products, such as meat, fur, skins, feathers, eggs, milk, and honey. Duties may include feeding, watering, herding, grazing, castrating, branding, de-betaking, weighing, catching, and loading animals. May maintain records on animals; examine animals to detect diseases and injuries; assist in birth deliveries; and administer medications, vaccinations, or insecticides as appropriate. May clean and maintain animal housing areas. Include workers who shear wool from sheep, and collect eggs in hatcheries.
- 45-4011 Forest and Conservation Workers**
Under supervision, perform manual labor necessary to develop, maintain, or protect forest, forested areas, and woodlands through such activities as raising and transporting tree seedlings; combating insects, pests, and diseases harmful to trees; and building erosion and water control structures and leaching of forest soil. Include forester aides, seedling pullers, and tree planters.
- 45-4021 Fallers**
Use axes or chainsaws to fell trees using knowledge of tree characteristics and cutting techniques to control direction of fall and minimize tree damage.
- 45-4022 Logging Equipment Operators**
Drive logging tractor or wheeled vehicle equipped with one or more accessories, such as bulldozer blade, frontal shear, grapple, logging arch, cable winches, hoisting rack, or crane boom, to fell tree; to skid, load, unload, or stack logs; or to pull stumps or clear brush.
- 45-4023 Log Graders and Scalars**
Grade logs or estimate the marketable content or value of logs or pulpwood in sorting yards, millpond, log deck, or similar locations. Inspect logs for defects or measure logs to determine volume. Exclude "Purchasing Agents and Buyers, Farm Products" (13-1021).
- 45-9099 Farming, Fishing, and Forestry Workers, All Others**
All farming, fishing, and forestry workers not listed separately.
- 47-0000 Construction and Extraction Occupations**

Occupational Definitions

- 47-1011 First-Line Supervisors/Managers of Construction Trades and Extraction Workers**
Directly supervise and coordinate activities of construction or extraction workers.
- 47-2011 Boilermakers**
Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints. Work involves use of hand and power tools, plumb bobs, levels, wedges, dogs, or turnbuckles. Assist in testing assembled vessels. Direct cleaning of boilers and boiler furnaces. Inspect and repair boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.
- 47-2021 Brick-masons and Block-masons**
Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures. Exclude "Stonemasons" (47-2022). Classify installers of mortar-less segmental concrete masonry wall units in "Landscaping and Grounds-keeping Workers" (37-3011).
- 47-2022 Stonemasons**
Build stone structures, such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks, and floors. 47-2031 Carpenters Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation. Include brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways to control the proper circulation of air through the passageways and to the working places.
- 47-2031 Carpenters**
Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation. Include brattice builder who build doors or brattices (ventilation walls or partitions) in underground passageways to control the proper circulation of air through the passageways and to the working places.
- 47-2041 Carpet Installers**
Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials. Exclude "Floor Layers, Except Carpet, Wood, and Hard Tiles" (47-2042).
- 47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles**
Apply blocks, strips, or sheets of shock-absorbing, sound-deadening, or decorative coverings to floors.
- 47-2043 Floor Sanders and Finishers**
Scrape and sand wooden floors to smooth surfaces using floor scraper and floor sanding machine, and apply coats of finish.

Occupational Definitions

- 47-2044** **Tile and Marble Setters**
Apply hard tile, marble, and wood tile to walls, floors, ceilings, and roof decks.
- 47-2051** **Cement Masons and Concrete Finishers**
Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; use saws to cut expansion joints. Classify installers of mortar-less segmental concrete masonry wall units in "Landscaping and Grounds-keeping Workers. (37-3011).
- 47-2053** **Terrazzo Workers and Finishers**
Apply a mixture of cement, sand, pigment, or marble chips to floors, stairways, and cabinet fixtures to fashion durable and decorative surfaces.
- 47-2061** **Construction Laborers**
Perform tasks involving physical labor at building, highway, and heavy construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, clean up rubble and debris, and remove asbestos, lead, and other hazardous waste materials. May assist other craft workers. Exclude construction laborers who primarily assist a particular craft worker, and classify them under "Helpers, Construction Trades" (47-3011 through 47-3016).
- 47-2071** **Paving, Surfacing, and Tamping Equipment Operators**
Operate equipment used for applying concrete, asphalt, or other materials to road beds, parking lots, or airport runways and taxiways, or equipment used for tamping gravel, dirt, or other materials. Include concrete and asphalt paving machine operators, form tampers, tamping machine operators, and stone spreader operators.
- 47-2072** **Pile-Driver Operators**
Operate pile drivers mounted on skids, barges, crawler treads, or locomotive cranes to drive pilings for retaining walls, bulkheads, and foundations of structures, such as buildings, bridges, and piers.
- 47-2073** **Operating Engineers and Other Construction Equipment Operators**
Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement. May repair and maintain equipment in addition to other duties. Exclude "Crane and Tower Operators" (53-7021) and equipment operators who work in extraction or other non-construction industries.

Occupational Definitions

- 47-2081 Drywall and Ceiling Tile Installers**
Apply plasterboard or other wallboard to ceilings or interior walls of buildings. Apply or mount acoustical tiles or blocks, strips, or sheets of shock-absorbing materials to ceilings and walls of buildings to reduce or reflect sound. Materials may be of decorative quality. Include lathers who fasten wooden, metal, or rock-board lath to walls, ceilings or partitions of buildings to provide support base for plaster, fire-proofing, or acoustical material. Exclude "Carpenters" (47-2031), and "Tile and Marble Setters" (47-2044).
- 47-2082 Tapers**
Seal joints between plasterboard or other wallboard to prepare wall surface for painting or papering.
- 47-2111 Electricians**
Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems. Exclude "Security and Fire Alarm Systems Installers" (49-2098).
- 47-2121 Glaziers**
Install glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops.
- 47-2130 Insulation Workers**
This broad occupation includes the following two detailed occupations:
- 47-2131 Insulation Workers, Floor, Ceiling, and Wall**
Line and cover structures with insulating materials. May work with batt, roll, or blown insulation materials .
- 47-2132 Insulation Workers, Mechanical**
Apply insulating materials to pipes or ductwork, or other mechanical systems in order to help control and maintain temperature.
- 47-2141 Painters, Construction and Maintenance**
Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency. Exclude "Paperhangers" (47-2142).
- 47-2142 Paperhangers**
Cover interior walls and ceilings of rooms with decorative wallpaper or fabric, or attach advertising posters on surfaces, such as walls and billboards. Duties include removing old materials from surface to be papered.

Occupational Definitions

- 47-2151 Pipe-layers**
Lay pipe for storm or sanitation sewers, drains, and water mains. Perform any combination of the following tasks: grade trenches or culverts, position pipe, or seal joints. Exclude "Welders, Cutters, Solderers, and Brazers" (51-4121).
- 47-2152 Plumbers, Pipe-fitters, and Steamfitters**
Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.
- 47-2161 Plasterers and Stucco Masons**
Apply interior or exterior plaster, cement, stucco, or similar materials. May also set ornamental plaster.
- 47-2171 Reinforcing Iron and Rebar Workers**
Position and secure steel bars or mesh in concrete forms in order to reinforce concrete. Use a variety of fasteners, rod-bending machines, blowtorches, and hand tools. Include rod busters.
- 47-2181 Roofers**
Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, and related materials. May spray roofs, sidings, and walls with material to bind, seal, insulate, or soundproof sections of structures.
- 47-2211 Sheet Metal Workers**
Fabricate, assemble, install, and repair sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings. Work may involve any of the following: setting up and operating fabricating machines to cut, bend, and straighten sheet metal; shaping metal over anvils, blocks, or forms using hammer; operating soldering and welding equipment to join sheet metal parts; inspecting, assembling, and smoothing seams and joints of burred surfaces. Include sheet metal duct installers who install prefabricated sheet metal ducts used for heating, air conditioning, or other purposes.
- 47-2221 Structural Iron and Steel Workers**
Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings. Exclude "Reinforcing Iron and Rebar Workers" (47-2171).
- 47-3011 Helpers-Brick-masons, Block-masons, Stonemasons, and Tile and Marble Setters**
Help Brick-masons, block masons, stonemasons, or tile and marble setters by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist Brick-masons, block masons, and stonemasons or tile and marble setters, and classify them under "Construction Laborers" (47-2061).

Occupational Definitions

- 47-3012 **Helpers-Carpenters****
Help carpenters by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist carpenters, and classify them under "Construction Laborers" (47-2061).
- 47-3013 **Helpers-Electricians****
Help electricians by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist electricians, and classify them under "Construction Laborers" (47-2061).
- 47-3014 **Helpers-Painters, Paperhangers, Plasterers, and Stucco Masons****
Help painters, paperhangers, plasterers, or stucco masons by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist painters, paperhangers, plasterers, or stucco masons, and classify them under "Construction Laborers" (47-2061).
- 47-3015 **Helpers-Pipe-layers, Plumbers, Pipe-fitters, and Steamfitters****
Help plumbers, pipe-fitters, steamfitters, or pipe-layers by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist plumbers, pipe-fitters, steamfitters, or pipe-layers, and classify them under "Construction Laborers" (47-2061).
- 47-3016 **Helpers-Roofers****
Help roofers by performing duties of lesser skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate skilled construction trade occupation (47-2011 through 47-2221). Exclude construction laborers who do not primarily assist roofers, and classify them under "Construction Laborers" (47-2061).
- 47-3019 **Helpers, Construction Trades, All Other****
All construction trades helpers not listed separately.
- 47-4000 **Other Construction and Related Workers****
- 47-4011 **Construction and Building Inspectors****
Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general in nature or may be limited to a specific area, such as electrical systems or plumbing.

Occupational Definitions

- 47-4021 Elevator Installers and Repairers**
Assemble, install, repair, or maintain electric or hydraulic freight or passenger elevators, escalators, or dumbwaiters.
- 47-4031 Fence Erectors**
Erect and repair metal and wooden fences and fence gates around highways, industrial establishments, residences, or farms, using hand and power tools.
- 47-4041 Hazardous Materials Removal Workers**
Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials, contaminated soil, etc. Specialized training and certification in hazardous materials handling or a confined entry permit are generally required. May operate earth-moving equipment or trucks.
- 47-4051 Highway Maintenance Workers**
Maintain highways, municipal and rural roads, airport runways, and rights-of-way. Duties include patching broken or eroded pavement, repairing guard rails, highway markers, and snow fences. May also mow or clear brush from along road or plow snow from roadway. Exclude "Tree Trimmers and Pruners" (37-3013).
- 47-4061 Rail-Track Laying and Maintenance Equipment Operators**
Lay, repair, and maintain track for standard or narrow-gauge railroad equipment used in regular railroad service or in plant yards, quarries, sand and gravel pits, and mines. Include ballast cleaning machine operators and railroad bed tamping machine operators.
- 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners**
Clean and repair septic tanks, sewer lines, or drains. May patch walls and partitions of tank, replace damaged drain tile, or repair breaks in underground piping.
- 47-5011 Derrick Operators, Oil and Gas**
Rig derrick equipment and operate pumps to circulate mud through drill hole.
- 47-5012 Rotary Drill Operators, Oil and Gas**
Set up or operate a variety of drills to remove petroleum products from the earth and to find and remove core samples for testing during oil and gas exploration.
- 47-5013 Service Unit Operators, Oil, Gas, and Mining**
Operate equipment to increase oil flow from producing wells or to remove stuck pipe, casing, tools, or other obstructions from drilling wells. May also perform similar services in mining exploration operations. Include fishing-tool technicians.

Occupational Definitions

- 47-5021 Earth Drillers, Except Oil and Gas**
Operate a variety of drills -such as rotary, churn, and pneumatic-to tap sub-surface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction. May use explosives. Include horizontal and earth boring machine operators.
- 47-5031 Explosives Workers, Ordnance Handling Experts, and Blasters**
Place and detonate explosives to demolish structures or to loosen, remove, or displace earth, rock, or other materials. May perform specialized handling, storage, and accounting procedures. Include seismograph shooters. Exclude "Earth Drillers, Except Oil and Gas" (47-5021) who may also work with explosives.
- 47-5041 Continuous Mining Machine Operators**
Operate self-propelled mining machines that rip coal, metal and nonmetal ores, rock, stone, or sand from the face and load it onto conveyors or into shuttle cars in a continuous operation.
- 47-5051 Rock Splitters, Quarry**
Separate blocks of rough dimension stone from quarry mass using jackhammer and wedges.
- 47-5071 Roustabouts, Oil and Gas**
Assemble or repair oil field equipment using hand and power tools. Perform other tasks as needed.
- 47-5081 Helpers-Extraction Workers**
Help extraction craft workers, such as earth drillers, blasters and explosives workers, derrick operators, and mining machine operators, by performing duties of lesser skill. Duties include supplying equipment or cleaning work area. Exclude apprentice workers and report them with the appropriate extraction trade occupation (47-5011 through 47-5099).
- 49-0000 Installation, Maintenance, and Repair Occupations**
- 49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers**
Supervise and coordinate the activities of mechanics, installers, and repairers. Exclude team or work leaders.
- 49-2011 Computer, Automated Teller, and Office Machine Repairers**
Repair, maintain, or install computers, word processing systems, automated teller machines, and electronic office machines, such as duplicating and fax machines.
- 49-2021 Radio Mechanics**
Test or repair mobile or stationary radio transmitting and receiving equipment and two-way radio communications systems used in ship-to-shore communications and found in service and emergency vehicles.

Occupational Definitions

- 49-2022** **Telecommunications Equipment Installers and Repairers, Except Line Installers**
Set-up, rearrange, or remove switching and dialing equipment used in central offices. Service or repair telephones and other communication equipment on customers' property. May install equipment in new locations or install wiring and telephone jacks in buildings under construction.
- 49-2091** **Avionics Technicians**
Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles.
- 49-2092** **Electric Motor, Power Tool, and Related Repairers**
Repair, maintain, or install electric motors, wiring, or switches.
- 49-2093** **Electrical and Electronics Installers and Repairers, Transportation Equipment**
Install, adjust, or maintain mobile electronics communication equipment, including sound, sonar, security, navigation, and surveillance systems on trains, watercraft, or other mobile equipment. Exclude "Avionics Technicians" (49-2091) and "Electronic Equipment Installers and Repairers, Motor Vehicles" (49-2096).
- 49-2094** **Electrical and Electronics Repairers, Commercial and Industrial Equipment**
Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas. Exclude "Avionics Technicians" (49-2091), "Electronic Equipment Installers and Repairers, Motor Vehicles" (49-2096), and "Electrical and Electronics Installers and Repairers, Transportation Equipment" (49-2093).
- 49-2095** **Electrical and Electronics Repairers, Powerhouse, Substation, and Relay**
Inspect, test, repair, or maintain electrical equipment in generating stations, substations, and in-service relays.
- 49-2096** **Electronic Equipment Installers and Repairers, Motor Vehicles**
Install, diagnose, or repair communications, sound, security, or navigation equipment in motor vehicles.
- 49-2097** **Electronic Home Entertainment Equipment Installers and Repairers**
Repair, adjust, or install audio or television receivers, stereo systems, camcorders, video systems, or other electronic home entertainment equipment.
- 49-2098** **Security and Fire Alarm Systems Installers**
Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes. Exclude "Electricians" (47-2111) who do a broad range of electrical wiring.

Occupational Definitions

- 49-2099 All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers**
- 49-3011 Aircraft Mechanics and Service Technicians**
Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems. Include helicopter and aircraft engine specialists. Exclude "Avionics Technician" (49-2091).
- 49-3021 Automotive Body and Related Repairers**
Repair and refinish automotive vehicle bodies and straighten vehicle frames. Exclude "Painters, Transportation Equipment" (51-9122) and "Automotive Glass Installers and Repairers" (49-3022).
- 49-3022 Automotive Glass Installers and Repairers**
Replace or repair broken windshields and window glass in motor vehicles.
- 49-3023 Automotive Service Technicians and Mechanics**
Diagnose, adjust, repair, or overhaul automotive vehicles. Exclude "Automotive Body and Related Repairers" (49-3021), "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031), and "Electronic Equipment Installers and Repairers, Motor Vehicles" (49-2096).
- 49-3031 Bus and Truck Mechanics and Diesel Engine Specialists**
Diagnose, adjust, repair, or overhaul trucks, buses, and all types of diesel engines. Include mechanics working primarily with automobile diesel engines.
- 49-3041 Farm Equipment Mechanics**
Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems. Exclude "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031).
- 49-3042 Mobile Heavy Equipment Mechanics, Except Engines**
Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining. Exclude "Rail Car Repairers" (49-3043) and "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031).
- 49-3043 Rail Car Repairers**
Diagnose, adjust, repair, or overhaul railroad rolling stock, mine cars, or mass transit rail cars. Exclude "Bus and Truck Mechanics and Diesel Engine Specialists".

Occupational Definitions

- 49-3051 Motorboat Mechanics**
Repair and adjust electrical and mechanical equipment of gasoline or diesel powered inboard or inboard-outboard boat engines. Exclude "Diesel Engine Specialists" (49-3031).
- 49-3052 Motorcycle Mechanics**
Diagnose, adjust, repair, or overhaul motorcycles, scooters, mopeds, dirt bikes, or similar motorized vehicles.
- 49-3053 Outdoor Power Equipment and Other Small Engine Mechanics**
Diagnose, adjust, repair, or overhaul small engines used to power lawn mowers, chain saws, and related equipment.
- 49-3091 Bicycle Repairers**
Repair and service bicycles.
- 49-3092 Recreational Vehicle Service Technicians**
Diagnose, inspect, adjust, repair, or overhaul recreational vehicles including travel trailers. May specialize in maintaining gas, electrical, hydraulic, plumbing, or chassis/towing systems as well as repairing generators, appliances, and interior components. Include workers who perform customized van conversions. Exclude "Automotive Service Technicians and Mechanics" (49-3023) and "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031) who also work on recreation vehicles.
- 49-3093 Tire Repairers and Changers**
Repair and replace tires.
- 49-3099 All Other Vehicle and Mobile Equipment Mechanics, Installers, and Repairers**
- 49-9000 Other Installation, Maintenance, and Repair Occupations**
- 49-9011 Mechanical Door Repairers**
Install, service, or repair opening and closing mechanisms of automatic doors and hydraulic door closers. Include garage door mechanics.
- 49-9012 Control and Valve Installers and Repairers, Except Mechanical Door**
Install, repair, and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors.
- 49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers**
Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.

Occupational Definitions

- 49-9031 Home Appliance Repairers**
Repair, adjust, or install all types of electric or gas household appliances, such as refrigerators, washers, dryers, and ovens.
- 49-9041 Industrial Machinery Mechanics**
Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems. Exclude "Millwrights" (49-9044), "Mobile Heavy Equipment Mechanics, Except Engines" (49-3042), and "Maintenance Workers, Machinery" (49-9043) who perform only routine tasks.
- 49-9042 Maintenance and Repair Workers, General**
Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing new equipment; and repairing buildings, floors, or stairs. Exclude "Maintenance Workers, Machinery" (49-9043).
- 49-9043 Maintenance Workers, Machinery**
Lubricate machinery, change parts, or perform other routine machinery maintenance. Exclude "Maintenance and Repair Workers, General" (49-9042).
- 49-9044 Millwrights**
Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.
- 49-9051 Electrical Power-Line Installers and Repairers**
Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers. Exclude "Electrical and Electronics Repairers, Powerhouse, Substation, and Relay" (49-2095).
- 49-9052 Telecommunications Line Installers and Repairers**
String and repair telephone and television cable, including fiber optics and other equipment for transmitting messages or television programming.
- 49-9061 Camera and Photographic Equipment Repairers**
Repair and adjust cameras and photographic equipment, including commercial video and motion picture camera equipment.
- 49-9062 Medical Equipment Repairers**
Test, adjust, or repair biomedical or electro-medical equipment.

Occupational Definitions

49-9063 Musical Instrument Repairers and Tuners

Repair percussion, stringed, reed, or wind instruments. May specialize in one area, such as piano tuning. Exclude "Electronic Home Entertainment Equipment Installers and Repairers" (49-2097) who repair electrical and electronic musical instruments.

49-9064 Watch Repairers

Repair, clean, and adjust mechanisms of timing instruments, such as watches and clocks. Include watchmakers.

49-9069 Precision Instrument and Equipment Repairers, All other

All precision instrument and equipment repairers not listed separately.

49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers

Install, service, adjust, or repair coin, vending, or amusement machines including video games, juke boxes, pinball machines, or slot machines.

49-9092 Fabric Menders, Except Garment

Repair tears, holes, and other defects in fabrics, such as draperies, linens, parachutes, and tents.

49-9094 Locksmiths and Safe Repairers

Repair and open locks; make keys; change locks and safe combinations; and install and repair safes.

49-9095 Manufactured Building and Mobile Home Installers

Move or install mobile homes or prefabricated buildings.

49-9096 Riggers

Set up or repair rigging for construction projects, manufacturing plants, logging yards, ships and shipyards, or for the entertainment industry.

49-9098 Helpers-Installation, Maintenance, and Repair Workers

Help installation, maintenance, and repair workers in maintenance, parts replacement, and repair of vehicles, industrial machinery, and electrical and electronic equipment. Perform duties, such as furnishing tools, materials, and supplies to other workers; cleaning work area, machines, and tools; and holding materials or tools for other workers.

51-0000 Production Occupations

51-1011 First-Line Supervisors/Managers of Production and Operating Workers

Supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators. Exclude team or work leaders.

Occupational Definitions

- 51-2011 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers**
Assemble, fit, fasten, and install parts of airplanes, space vehicles, or missiles, such as tails, wings, fuselage, bulkheads, stabilizers, landing gear, rigging and control equipment, or heating and ventilating systems.
- 51-2021 Coil Winders, Tapers, and Finishers**
Wind wire coils used in electrical components, such as resistors and transformers, and in electrical equipment and instruments, such as field cores, bobbins, armature cores, electrical motors, generators, and control equipment.
- 51-2022 Electrical and Electronic Equipment Assemblers**
Assemble or modify electrical or electronic equipment, such as computers, test equipment telemetering systems, electric motors, and batteries.
- 51-2023 Electromechanical Equipment Assemblers**
Assemble or modify electromechanical equipment or devices, such as servomechanisms, gyros, dynamometers, magnetic drums, tape drives, brakes, control linkage, actuators, and appliances.
- 51-2031 Engine and Other Machine Assemblers**
Construct, assemble, or rebuild machines, such as engines, turbines, and similar equipment used in such industries as construction, extraction, textiles, and paper manufacturing.
- 51-2041 Structural Metal Fabricators and Fitters**
Fabricate, lay out, position, align, and fit parts of structural metal products.
- 51-2091 Fiberglass Laminators and Fabricators**
Laminate layers of fiberglass on molds to form boat decks and hulls, bodies for golf carts, automobiles, or other products.
- 51-2092 Team Assemblers**
Work as part of a team having responsibility for assembling an entire product or component of a product. Team assemblers can perform all tasks conducted by the team in the assembly process and rotate through all or most of them rather than being assigned to a specific task on a permanent basis. May participate in making management decisions affecting the work. Team leaders who work as part of the team should be included. Exclude assemblers (51-2011 through 51-2099) who continuously perform the same task.
- 51-2093 Timing Device Assemblers, Adjusters, and Calibrators**
Perform precision assembling or adjusting, within narrow tolerances, of timing devices, such as watches, clocks, or chronometers. Exclude "Watch Repairers" (49-9064).
- 51-2099 Assemblers and Fabricators, All Other**
All assemblers and fabricators not listed separately.

Occupational Definitions

- 51-3011 Bakers**
Mix and bake ingredients according to recipes to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods. Include pastry chefs in restaurants and hotels with "Chefs and Head Cooks" (35-1011).
- 51-3021 Butchers and Meat Cutters**
Cut, trim, or prepare consumer-sized portions of meat for use or sale in retail establishments.
- 51-3022 Meat, Poultry, and Fish Cutters and Trimmers**
Use hand tools to perform routine cutting and trimming of meat, poultry, and fish.
- 51-3023 Slaughterers and Meat Packers**
Work in slaughtering, meat packing, or wholesale establishments performing precision functions involving the preparation of meat. Work may include specialized slaughtering tasks, cutting standard or premium cuts of meat for marketing, making sausage, or wrapping meats. Exclude "Meat, Poultry, and Fish Cutters and Trimmers" (51-3022) who perform routine, lower-skilled meat cutting.
- 51-3091 Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders**
Operate or tend food or tobacco roasting, baking, or drying equipment, including hearth ovens, kiln driers, roasters, char kilns, and vacuum drying equipment.
- 51-3092 Food Batch-makers**
Set up and operate equipment that mixes or blends ingredients used in the manufacturing of food products. Include candy makers and cheese makers.
- 51-3093 Food Cooking Machine Operators and Tenders**
Operate or tend cooking equipment, such as steam cooking vats, deep fry cookers, pressure cookers, kettles, and boilers, to prepare food products. Exclude "Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders" (51-3091).
- 51-3099 All Other Food Processing Workers**
- 51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic**
Operate computer-controlled machines or robots to perform one or more machine functions on metal or plastic work pieces.
- 51-4012 Numerical Tool and Process Control Programmers**
Develop programs to control machining or processing of parts by automatic machine tools, equipment, or systems.
- 51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend machines to extrude or draw thermoplastic or metal materials into tubes, rods, hoses, wire, bars, or structural shapes.

Occupational Definitions

- 51-4022 Forging Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend forging machines to taper, shape, or form metal or plastic parts.
- 51-4023 Rolling Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend machines to roll steel or plastic forming bends, beads, knurls, rolls, or plate or to flatten, temper, or reduce gauge of material.
- 51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend machines to saw, cut, shear, slit, punch, crimp, notch, bend, or straighten metal or plastic material.
- 51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend drilling machines to drill, bore, ream, mill, or countersink metal or plastic work pieces.
- 51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend grinding and related tools that remove excess material or burrs from surfaces, sharpen edges or corners, or buff, hone, or polish metal or plastic work pieces.
- 51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend lathe and turning machines to turn, bore, thread, form, or face metal or plastic materials, such as wire, rod, or bar stock.
- 51-4035 Milling and Planning Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend milling or planning machines to mill, plane, shape, groove, or profile metal or plastic work pieces.
- 51-4041 Machinists**
Set up and operate a variety of machine tools to produce precision parts and instruments. Include precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, shop mathematics, metal properties, layout, and machining procedures.
- 51-4051 Metal-Refining Furnace Operators and Tenders**
Operate or tend furnaces, such as gas, oil, coal, electric-arc or electric induction, open-hearth, or oxygen furnaces, to melt and refine metal before casting or to produce specified types of steel. Exclude "Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic" (51-4191).
- 51-4052 Pourers and Casters, Metal**
Operate hand-controlled mechanisms to pour and regulate the flow of molten metal into molds to produce castings or ingots.

Occupational Definitions

- 51-4061 Model Makers, Metal and Plastic**
Set up and operate machines, such as lathes, milling and engraving machines, and jig borers to make working models of metal or plastic objects. Include template makers.
- 51-4062 Patternmakers, Metal and Plastic**
Lay out, machine, fit, and assemble castings and parts to metal or plastic foundry patterns, core boxes, or match plates.
- 51-4071 Foundry Mold and Core-makers**
Make or form wax or sand cores or molds used in the production of metal castings in foundries.
- 51-4072 Molding, Core-making, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend metal or plastic molding, casting, or core-making machines to mold or cast metal or thermoplastic parts or products.
- 51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend more than one type of cutting or forming machine tool or robot.
- 51-4111 Tool and Die Makers**
Analyze specifications, lay out metal stock, set up and operate machine tools, and fit and assemble parts to make and repair dies, cutting tools, jigs, fixtures, gauges, and machinists' hand tools.
- 51-4121 Welders, Cutters, Solderers, and Brazers**
Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.
- 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders**
Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Include workers who operate laser cutters or laser-beam machines.
- 51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend heating equipment, such as heat-treating furnaces, flame-hardening machines, induction machines, soaking pits, or vacuum equipment to temper, harden, anneal, or heat-treat metal or plastic objects.
- 51-4192 Layout Workers, Metal and Plastic**
Lay out reference points and dimensions on metal or plastic stock or workpieces, such as sheets, plates, tubes, structural shapes, castings, or machine parts, for further processing. Include shipfitters.

Occupational Definitions

- 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic**
Set up, operate, or tend plating or coating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces. Include electrolytic processes.
- 51-4194 Tool Grinders, Filers, and Sharpeners**
Perform precision smoothing, sharpening, polishing, or grinding of metal objects.
- 51-4199 Metal Workers and Plastic Workers, All Other**
All metalworkers and plastic workers not listed separately.
- 51-5011 Bindery Workers**
Set up or operate binding machines that produce books and other printed materials. Include hand bindery workers. Exclude "Bookbinders" (51-5012).
- 51-5012 Bookbinders**
Perform highly skilled hand finishing operations, such as grooving and lettering to bind books.
- 51-5021 Job Printers**
Set type according to copy; operate press to print job order; and read proof for errors and clarity of impression, and correct imperfections. Job printers are often found in small establishments where work combines several job skills.
- 51-5022 Prepress Technicians and Workers**
Set up and prepare material for printing presses. Include prepress functions, such as compositing, typesetting, layout, paste-up, camera operating, scanning, film stripping, and photoengraving.
- 51-5023 Printing Machine Operators**
Set up or operate various types of printing machines, such as offset, letterset, intaglio, or gravure presses or screen printers to produce print on paper or other materials.
- 51-5099 All Other Printing Workers**
- 51-6011 Laundry and Dry-Cleaning Workers**
Operate or tend washing or dry-cleaning machines to wash or dry-clean industrial or household articles, such as cloth garments, suede, leather, furs, blankets, draperies, fine linens, rugs, and carpets. Include spotters and dyers of these articles.
- 51-6021 Pressers, Textile, Garment, and Related Materials**
Press or shape articles by hand or machine.

Occupational Definitions

- 51-6031 Sewing Machine Operators**
Operate or tend sewing machines to join, reinforce, decorate, or perform related sewing operations in the manufacture of garment or nongarment products.
- 51-6041 Shoe and Leather Workers and Repairers**
Construct, decorate, or repair leather and leather-like products, such as luggage, shoes, and saddles.
- 51-6042 Shoe Machine Operators and Tenders**
Operate or tend a variety of machines to join, decorate, reinforce, or finish shoes and shoe parts.
- 51-6051 Sewers, Hand**
Sew, join, reinforce, or finish, usually with needle and thread, a variety of manufactured items. Include weavers and stitchers. Exclude "Fabric Menders, Except Garment" (49-9093).
- 51-6052 Tailors, Dressmakers, and Custom Sewers**
Design, make, alter, repair, or fit garments.
- 51-6061 Textile Bleaching and Dyeing Machine Operators and Tenders**
Operate or tend machines to bleach, shrink, wash, dye, or finish textiles or synthetic or glass fibers.
- 51-6062 Textile Cutting Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines that cut textiles.
- 51-6063 Textile Knitting and Weaving Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines that knit, loop, weave, or draw in textiles. Exclude "Sewing Machine Operators" (51-6031).
- 51-6064 Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines that wind or twist textiles; or draw out and combine sliver, such as wool, hemp, or synthetic fibers. Include slubber machine and drawing frame operators.
- 51-6091 Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers**
Set up, operate, or tend machines that extrude and form continuous filaments from synthetic materials, such as liquid polymer, rayon, and fiberglass.
- 51-6092 Fabric and Apparel Patternmakers**
Draw and construct sets of precision master fabric patterns or layouts. May also mark and cut fabrics and apparel.

Occupational Definitions

- 51-6093 Upholsterers**
Make, repair, or replace upholstery for household furniture or transportation vehicles.
- 51-6099 Textile, Apparel, and Furnishings Workers, All Others**
All textile, apparel, and furnishings workers not listed separately.
- 51-7000 Woodworkers**
- 51-7011 Cabinetmakers and Bench Carpenters**
Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products. Exclude "Woodworking Machine Setters, Operators, and Tenders" (51-7041 through 51-7042) who specialize in one or a limited number of machine phases.
- 51-7021 Furniture Finishers**
Shape, finish, and refinish damaged, worn, or used furniture or new high-grade furniture to specified color or finish.
- 51-7041 Sawing Machine Setters, Operators, and Tenders, Wood**
Set up, operate, or tend wood sawing machines. Include head sawyers.
- 51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing**
Set up, operate, or tend woodworking machines, such as drill presses, lathes, shapers, routers, sanders, planers, and wood nailing machines.
- 51-7099 Woodworkers, All Other**
All woodworkers not listed separately.
- 51-8012 Power Distributors and Dispatchers**
Coordinate, regulate, or distribute electricity or steam.
- 51-8013 Power Plant Operators**
Control, operate, or maintain machinery to generate electric power. Include auxiliary equipment operators. Exclude "Nuclear Power Reactor Operators" (51-8011).
- 51-8021 Stationary Engineers and Boiler Operators**
Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment, such as steam engines, generators, motors, turbines, and steam boilers.

Occupational Definitions

- 51-8031 Water and Liquid Waste Treatment Plant and System Operators**
Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or liquid waste.
- 51-8091 Chemical Plant and System Operators**
Control or operate an entire chemical process or system of machines.
- 51-8092 Gas Plant Operators**
Distribute or process gas for utility companies and others by controlling compressors to maintain specified pressures on main pipelines.
- 51-8093 Petroleum Pump System Operators, Refinery Operators, and Gaugers**
Control the operation of petroleum refining or processing units. May specialize in controlling manifold and pumping systems, gauging or testing oil in storage tanks, or regulating the flow of oil into pipelines.
- 51-8099 Plant and System Operators, All Other**
All plant and system operators not listed separately.
- 51-9011 Chemical Equipment Operators and Tenders**
Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels. Exclude "Chemical Plant and System Operators" (51-8091).
- 51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders**
Set up, operate, or tend continuous flow or vat-type equipment; filter presses; shaker screens; centrifuges; condenser tubes; precipitating, fermenting, or evaporating tanks; scrubbing towers; or batch stills. These machines extract, sort, or separate liquids, gases, or solids from other materials to recover a refined product. Include dairy processing equipment operators. Exclude "Chemical Equipment Operators and Tenders" (51-9011).
- 51-9021 Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines to crush, grind, or polish materials, such as coal, glass, grain, stone, food, or rubber.
- 51-9022 Grinding and Polishing Workers, Hand**
Grind, sand, or polish, using hand tools or hand-held power tools, a variety of metal, wood, stone, clay, plastic, or glass objects. Include chippers, buffers, and finishers.
- 51-9023 Mixing and Blending Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines to mix or blend materials, such as chemicals, tobacco, liquids, color pigments, or explosive ingredients. Exclude "Food Batch-makers" (51-3092).

Occupational Definitions

- 51-9031 Cutters and Trimmers, Hand**
Use hand tools or hand-held power tools to cut and trim a variety of manufactured items, such as carpet, fabric, stone, glass, or rubber.
- 51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines that cut or slice materials, such as glass, stone, cork, rubber, tobacco, food, paper, or insulating material. Exclude "Woodworking Machine Setters, Operators, and Tenders" (51-7041 through 51-7042), "Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic" (51-4031), and "Textile Cutting Machine Setters, Operators, and Tenders" (51-6062).
- 51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines, such as glass forming machines, plodder machines, and tuber machines, to shape and form products, such as glassware, food, rubber, soap, brick, tile, clay, wax, tobacco, or cosmetics. Exclude "Paper Goods Machine Setters, Operators, and Tenders" (51-9196) and "Shoe Machine Operators and Tenders" (51-6042).
- 51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders**
Operate or tend heating equipment other than basic metal, plastic, or food processing equipment. Includes activities, such as annealing glass, drying lumber, curing rubber, removing moisture from materials, or boiling soap.
- 51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers**
Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.
- 51-9071 Jewelers and Precious Stone and Metal Workers**
Design, fabricate, adjust, repair, or appraise jewelry, gold, silver, other precious metals, or gems. Include diamond polishers and gem cutters and persons who perform precision casting and modeling of molds, casting metal in molds, or setting precious and semi-precious stones for jewelry and related products.
- 51-9081 Dental Laboratory Technicians**
Construct and repair full or partial dentures or dental appliances. Exclude "Dental Assistants" (31-9091).
- 51-9082 Medical Appliance Technicians**
Construct, fit, maintain, or repair medical supportive devices, such as braces, artificial limbs, joints, arch supports, and other surgical and medical appliances.
- 51-9083 Ophthalmic Laboratory Technicians**
Cut, grind, and polish eyeglasses, contact lenses, or other precision optical elements. Assemble and mount lenses into frames or process other optical elements. Include precision lens polishers or grinders, centerer-edgers, and lens mounters. Exclude "Opticians, Dispensing" (29-2081).

Occupational Definitions

- 51-9111 Packaging and Filling Machine Operators and Tenders**
Operate or tend machines to prepare industrial or consumer products for storage or shipment. Include cannery workers who pack food products.
- 51-9121 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders**
Set up, operate, or tend machines to coat or paint any of a wide variety of products including food, glassware, cloth, ceramics, metal, plastic, paper, or wood, with lacquer, silver, copper, rubber, varnish, glaze, enamel, oil, or rust-proofing materials. Exclude "Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic" (51-4193) and "Painters, Transportation Equipment" (51-9122).
- 51-9122 Painters, Transportation Equipment**
Operate or tend painting machines to paint surfaces of transportation equipment, such as automobiles, buses, trucks, trains, boats, and airplanes. Include painters in auto body repair facilities.
- 51-9123 Painting, Coating, and Decorating Workers**
Paint, coat, or decorate articles, such as furniture, glass, plateware, pottery, jewelry, cakes, toys, books, or leather. Exclude "Artists and Related Workers" (27-1011 through 27-1019), "Designers" (27-1021 through 27-1029), "Photographic Process Workers" (51-9131), and "Etchers and Engravers" (51-9194).
- 51-9131 Photographic Process Workers**
Perform precision work involved in photographic processing, such as editing photographic negatives and prints, using photo-mechanical, chemical, or computerized methods.
- 51-9132 Photographic Processing Machine Operators**
Operate photographic processing machines, such as photographic printing machines, film developing machines, and mounting presses.
- 51-9191 Cementing and Gluing Machine Operators and Tenders**
Operate or tend cementing and gluing machines to join items for further processing or to form a completed product. Processes include joining veneer sheets into plywood; gluing paper; joining rubber and rubberized fabric parts, plastic, simulated leather, or other materials. Exclude "Shoe Machine Operators and Tenders" (51-6042).
- 51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders**
Operate or tend machines to wash or clean products, such as barrels or kegs, glass items, tin plate, food, pulp, coal, plastic, or rubber, to remove impurities.
- 51-9193 Cooling and Freezing Equipment Operators and Tenders**
Operate or tend equipment, such as cooling and freezing units, refrigerators, batch freezers, and freezing tunnels, to cool or freeze products, food, blood plasma, and chemicals.

Occupational Definitions

- 51-9194 Etchers and Engravers**
Engrave or etch metal, wood, rubber, or other materials for identification or decorative purposes. Include such workers as etcher-circuit processors, pantograph engravers, and silk screen etchers. Include photoengravers with "Prepress Technicians and Workers" (51-5022).
- 51-9195 Molders, Shapers, and Casters, Except Metal and Plastic**
Mold, shape, form, cast, or carve products such as food products, figurines, tile, pipes, and candles consisting of clay, glass, plaster, concrete, stone, or combinations of materials.
- 51-9196 Paper Goods Machine Setters, Operators, and Tenders**
Set up, operate, or tend paper goods machines that perform a variety of functions, such as converting, sawing, corrugating, banding, wrapping, boxing, stitching, forming, or sealing paper or paperboard sheets into products.
- 51-9197 Helpers-Production Workers**
Help production workers by performing duties of lesser skill. Duties include supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate production occupation (51-1011 through 51-9199).
- 51-9198 Helpers--Production Workers**
Help production workers by performing duties of lesser skill. Duties include supplying or holding materials or tools, and cleaning work area and equipment. Exclude apprentice workers and report them with the appropriate production occupation (51-1011 through 51-9199).
- 51-9199 Production Workers, All Other**
All production workers not listed separately.
- 53-0000 Transportation and Material Moving Occupations**
- 53-1011 Aircraft Cargo Handling Supervisors**
Direct ground crew in the loading, unloading, securing, and staging of aircraft cargo or baggage. Determine the quantity and orientation of cargo and compute aircraft center of gravity. May accompany aircraft as member of flight crew and monitor and handle cargo in flight, and assist and brief passengers on safety and emergency procedures. Include loadmasters.
- 53-1021 First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand**
Supervise and coordinate the activities of helpers, laborers, or material movers.
- 53-1031 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators**
Directly supervise and coordinate activities of transportation and material-moving machine and vehicle operators and helpers.

Occupational Definitions

- 53-2011** **Airline Pilots, Copilots, and Flight Engineers**
Pilot and navigate the flight of multi-engine aircraft in regularly scheduled service for the transport of passengers and cargo. Requires Federal Air Transport rating and certification in specific aircraft type used. Include aircraft instructors with similar certification.
- 53-2012** **Commercial Pilots**
Pilot and navigate the flight of small fixed or rotary winged aircraft, primarily for the transport of cargo and passengers. Requires Commercial Rating. Include aircraft instructors with similar certification.
- 53-2021** **Air Traffic Controllers**
Control air traffic on and within vicinity of airport and movement of air traffic between altitude sectors and control centers according to established procedures and policies. Authorize, regulate, and control commercial airline flights according to government or company regulations to expedite and ensure flight safety.
- 53-2022** **Airfield Operations Specialists**
Ensure the safe takeoff and landing of commercial and military aircraft. Duties include coordination between air-traffic control and maintenance personnel; dispatching; using airfield landing and navigational aids; implementing airfield safety procedures; monitoring and maintaining flight records; and applying knowledge of weather information.
- 53-2099** **All Other Air Transportation Workers**
- 53-3011** **Ambulance Drivers and Attendants, Except Emergency Medical Technicians**
Drive ambulance or assist ambulance driver in transporting sick, injured, or convalescent persons. Assist in lifting patients.
- 53-3021** **Bus Drivers, Transit and Intercity**
Drive bus or motor coach, including regular route operations, charters, and private carriage. May assist passengers with baggage. May collect fares or tickets.
- 53-3022** **Bus Drivers, School**
Transport students or special clients, such as the elderly or persons with disabilities. Ensure adherence to safety rules. May assist passengers in boarding or exiting.
- 53-3031** **Driver/Sales Workers**
Drive truck or other vehicle over established routes or within an established territory and sell goods, such as food products, including restaurant take-out items, or pick up and deliver items, such as laundry. May also take orders and collect payments. Include newspaper delivery drivers. Exclude "Truck Drivers, Light or Delivery Services" (53-3033) and "Coin, Vending, and Amusement Machine Servicers and Repairers" (49-9091).

Occupational Definitions

- 53-3032 Truck Drivers, Heavy and Tractor-Trailer**
Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 GVW, to transport and deliver goods, livestock, or materials in liquid, loose, or packaged form. May be required to unload truck. May require use of automated routing equipment. Requires commercial drivers' license.
- 53-3033 Truck Drivers, Light Or Delivery Services**
Drive a truck or van with a capacity of under 26,000 GVW, primarily to deliver or pick up merchandise or to deliver packages within a specified area. May require use of automatic routing or location software. May load and unload truck. Exclude "Couriers and Messengers" (43-5021).
- 53-3041 Taxi Drivers and Chauffeurs**
Drive automobiles, vans, or limousines to transport passengers. May occasionally carry cargo. Include hearse drivers. Exclude "Ambulance Drivers and Attendants, Except Emergency Medical Technicians" (53-3011) and "Bus Drivers" (53-3021 through 53-3022).
- 53-3099 Motor Vehicle Operators, All Other**
All motor vehicle operators not listed separately.
- 53-4000 Rail Transportation Workers**
- 53-4011 Locomotive Engineers**
Drive electric, diesel-electric, steam, or gas-turbine-electric locomotives to transport passengers or freight. Interpret train orders, electronic or manual signals, and railroad rules and regulations.
- 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers**
Drive switching or other locomotive or dinkey engines within railroad yard, industrial plant, quarry, construction project, or similar location.
- 53-4021 Railroad Brake, Signal, and Switch Operators**
Operate railroad track switches. Couple or uncouple rolling stock to make up or break up trains. Signal engineers by hand or flagging. May inspect couplings, air hoses, journal boxes, and hand brakes.
- 53-4031 Railroad Conductors and Yardmasters**
Conductors coordinate activities of train crew on passenger or freight train. Coordinate activities of switch-engine crew within yard of railroad, industrial plant, or similar location. Yardmasters coordinate activities of workers engaged in railroad traffic operations, such as the makeup or breakup of trains, yard switching, and review train schedules and switching orders.
- 53-5000 Water Transportation Workers**

Occupational Definitions

- 53-5011 Sailors and Marine Oilers**
Stand watch to look for obstructions in path of vessel, measure water depth, turn wheel on bridge, or use emergency equipment as directed by captain, mate, or pilot. Break out, rig, overhaul, and store cargo-handling gear, stationary rigging, and running gear. Perform a variety of maintenance tasks to preserve the painted surface of the ship and to maintain line and ship equipment. Must hold government-issued certification and tanker-man certification when working aboard liquid-carrying vessels. Include able seamen and ordinary seamen.
- 53-5022 Motorboat Operators**
Operate small motor-driven boats to carry passengers and freight between ships, or ship to shore. May patrol harbors and beach areas. May assist in navigational activities.
- 53-5031 Ship Engineers**
Supervise and coordinate activities of crew engaged in operating and maintaining engines, boilers, deck machinery, and electrical, sanitary, and refrigeration equipment aboard ship.
- 53-5099 All Other Water Transportation Workers**
- 53-6011 Bridge and Lock Tenders**
Operate and tend bridges, canal locks, and lighthouses to permit marine passage on inland waterways, near shores, and at danger points in waterway passages. May supervise such operations. Include drawbridge operators, lock tenders and operators, and slip bridge operators.
- 53-6021 Parking Lot Attendants**
Park automobiles or issue tickets for customers in a parking lot or garage. May collect fee.
- 53-6031 Service Station Attendants**
Service automobiles, buses, trucks, boats, and other automotive or marine vehicles with fuel, lubricants, and accessories. Collect payment for services and supplies. May lubricate vehicle, change motor oil, install antifreeze, or replace lights or other accessories, such as windshield wiper blades or fan belts. May repair or replace tires.
- 53-6041 Traffic Technicians**
Conduct field studies to determine traffic volume, speed, effectiveness of signals, adequacy of lighting, and other factors influencing traffic conditions, under direction of traffic engineer.
- 53-6051 Transportation Inspectors**
Inspect equipment or goods in connection with the safe transport of cargo or people. Include rail transport inspectors, such as freight inspectors, car inspectors, rail inspectors, and other non-precision inspectors of other types of transportation vehicles.

Occupational Definitions

- 53-6099 Transportation Workers, All Others**
All transportation workers not listed separately.
- 53-7000 Material Moving Workers**
- 53-7011 Conveyor Operators and Tenders**
Control or tend conveyors or conveyor systems that move materials or products to and from stockpiles, processing stations, departments, or vehicles. May control speed and routing of materials or products.
- 53-7021 Crane and Tower Operators**
Operate mechanical boom and cable or tower and cable equipment to lift and move materials, machines, or products in many directions. Exclude "Excavating and Loading Machine and Dragline Operators" (53-7032).
- 53-7031 Dredge Operators**
Operate dredge to remove sand, gravel, or other materials from lakes, rivers, or streams; and to excavate and maintain navigable channels in waterways.
- 53-7032 Excavating and Loading Machine and Dragline Operators**
Operate or tend machinery equipped with scoops, shovels, or buckets, to excavate and load loose materials. Exclude "Dredge Operators" (53-7031).
- 53-7033 Loading Machine Operators, Underground Mining**
Operate underground loading machine to load coal, ore, or rock into shuttle or mine car or onto conveyors. Loading equipment may include power shovels, hoisting engines equipped with cable-drawn scraper or scoop, or machines equipped with gathering arms and conveyor.
- 53-7041 Hoist and Winch Operators**
Operate or tend hoists or winches to lift and pull loads using power-operated cable equipment. Exclude "Crane and Tower Operators" (53-7021).
- 53-7051 Industrial Truck and Tractor Operators**
Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location. Exclude "Logging Equipment Operators" (45-4022).
- 53-7061 Cleaners of Vehicles and Equipment**
Wash or otherwise clean vehicles, machinery, and other equipment. Use such materials as water, cleaning agents, brushes, cloths, and hoses. Exclude "Janitors and Cleaners, Except Maids and Housekeeping Cleaners" (37-2011).

Occupational Definitions

- 53-7062 Laborers and Freight, Stock, and Material Movers, Hand**
Manually move freight, stock, or other materials or perform other unskilled general labor. Include all unskilled manual laborers not elsewhere classified. Exclude "Material Moving Workers" (53-7011 through 53-7199) who use power equipment. Exclude "Construction Laborers" (47-2061) and "Construction Trades Helpers" (47-3011 through 47-3019).
- 53-7063 Machine Feeders and Offbearers**
Feed materials into or remove materials from machines or equipment that is automatic or tended by other workers.
- 53-7064 Packers and Packagers, Hand**
Pack or package by hand a wide variety of products and materials.
- 53-7071 Gas Compressor and Gas Pumping Station Operators**
Operate steam, gas, electric motor, or internal combustion engine driven compressors. Transmit, compress, or recover gases, such as butane, nitrogen, hydrogen, and natural gas.
- 53-7072 Pump Operators, Except Wellhead Pumpers**
Tend, control, or operate power-driven, stationary, or portable pumps and manifold systems to transfer gases, oil, other liquids, slurries, or powdered materials to and from various vessels and processes.
- 53-7073 Wellhead Pumpers**
Operate power pumps and auxiliary equipment to produce flow of oil or gas from wells in oil field.
- 53-7081 Refuse and Recyclable Material Collectors**
Collect and dump refuse or recyclable materials from containers into truck. May drive truck.
- 53-7121 Tank Car, Truck, and Ship Loaders**
Load and unload chemicals and bulk solids, such as coal, sand, and grain into or from tank cars, trucks, or ships using material moving equipment. May perform a variety of other tasks relating to shipment of products. May gauge or sample shipping tanks and test them for leaks.

