

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|----------------|--|------------------|------------------|-------------------|------------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 00-0000 | Total, All Occupations | 1,767,250 | 1,921,130 | 153,870 | 8.7 | 58,320 | | | |
| 11-1011 | Chief Executives | 8,060 | 8,200 | 140 | 1.7 | 150 | Bachelor's degree | 5 years or more | None |
| 11-1021 | General and Operations Managers | 26,260 | 29,040 | 2,790 | 10.6 | 940 | Bachelor's degree | 5 years or more | None |
| 11-1031 | Legislators | 770 | 830 | 60 | 8.0 | 20 | Bachelor's degree | Less than 5 years | None |
| 11-2011 | Advertising and Promotions Managers | 270 | 290 | 20 | 7.8 | 10 | Bachelor's degree | Less than 5 years | None |
| 11-2021 | Marketing Managers | 1,560 | 1,750 | 190 | 12.0 | 60 | Bachelor's degree | 5 years or more | None |
| 11-2022 | Sales Managers | 4,350 | 4,760 | 410 | 9.5 | 140 | Bachelor's degree | Less than 5 years | None |
| 11-2031 | Public Relations and Fundraising Managers | 970 | 1,060 | 90 | 9.5 | 40 | Bachelor's degree | 5 years or more | None |
| 11-3011 | Administrative Services Managers | 5,610 | 6,220 | 610 | 10.8 | 170 | Bachelor's degree | Less than 5 years | None |
| 11-3021 | Computer and Information Systems Managers | 3,050 | 3,450 | 400 | 13.0 | 80 | Bachelor's degree | 5 years or more | None |
| 11-3031 | Financial Managers | 6,250 | 6,880 | 630 | 10.0 | 210 | Bachelor's degree | 5 years or more | None |
| 11-3051 | Industrial Production Managers | 3,160 | 3,510 | 350 | 11.0 | 130 | Bachelor's degree | 5 years or more | None |
| 11-3061 | Purchasing Managers | 770 | 820 | 50 | 6.5 | 20 | Bachelor's degree | 5 years or more | None |
| | Transportation, Storage, and Distribution | | | | | | | | |
| 11-3071 | Managers | 1,450 | 1,550 | 100 | 6.7 | 40 | High school diploma or equivalent | 5 years or more | None |
| 11-3111 | Compensation and Benefits Managers | 260 | 290 | 30 | 12.4 | 10 | Bachelor's degree | 5 years or more | None |
| 11-3121 | Human Resources Managers | 1,530 | 1,710 | 180 | 11.5 | 60 | Bachelor's degree | 5 years or more | None |
| 11-3131 | Training and Development Managers | 580 | 660 | 70 | 12.7 | 20 | Bachelor's degree | 5 years or more | None |
| | Farmers, Ranchers, and Other Agricultural | | | | | | | | |
| 11-9013 | Managers | 12,640 | 12,580 | -60 | -0.5 | 220 | High school diploma or equivalent | 5 years or more | None |
| 11-9021 | Construction Managers | 6,060 | 6,460 | 400 | 6.6 | 130 | Bachelor's degree | None | Moderate-term on-the-job training |
| | Education Administrators, Preschool and | | | | | | | | |
| 11-9031 | Childcare Center/Program | 920 | 990 | 70 | 7.9 | 30 | Bachelor's degree | Less than 5 years | None |
| | Education Administrators, Elementary and | | | | | | | | |
| 11-9032 | Secondary School | 2,880 | 3,020 | 150 | 5.0 | 100 | Master's degree | 5 years or more | None |
| 11-9033 | Education Administrators, Postsecondary | 1,660 | 1,740 | 90 | 5.2 | 60 | Master's degree | Less than 5 years | None |
| 11-9039 | Education Administrators, All Other | 270 | 280 | 10 | 4.5 | 10 | Bachelor's degree | Less than 5 years | None |
| 11-9041 | Architectural and Engineering Managers | 1,690 | 1,880 | 190 | 11.0 | 70 | Bachelor's degree | 5 years or more | None |
| 11-9061 | Funeral Service Managers | 590 | 620 | 30 | 5.3 | 20 | Associate's degree | Less than 5 years | None |
| 11-9071 | Gaming Managers | 410 | 450 | 40 | 9.5 | 10 | High school diploma or equivalent | Less than 5 years | None |
| 11-9081 | Lodging Managers | 900 | 970 | 70 | 7.5 | 20 | High school diploma or equivalent | Less than 5 years | None |
| 11-9111 | Medical and Health Services Managers | 6,210 | 7,040 | 820 | 13.3 | 240 | Bachelor's degree | Less than 5 years | None |
| 11-9131 | Postmasters and Mail Superintendents | 340 | 270 | -70 | -20.7 | 10 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| | Property, Real Estate, and Community | | | | | | | | |
| 11-9141 | Association Managers | 5,050 | 5,380 | 330 | 6.6 | 120 | High school diploma or equivalent | Less than 5 years | None |
| 11-9151 | Social and Community Service Managers | 1,860 | 2,030 | 180 | 9.7 | 70 | Bachelor's degree | 5 years or more | None |
| 11-9161 | Emergency Management Directors | 290 | 330 | 40 | 12.3 | 10 | Bachelor's degree | 5 years or more | None |
| 11-9199 | Managers, All Other | 5,330 | 5,650 | 320 | 6.0 | 150 | Bachelor's degree | Less than 5 years | None |
| | Agents and Business Managers of Artists, | | | | | | | | |
| 13-1011 | Performers, and Athletes | 180 | 190 | 10 | 4.4 | 10 | Bachelor's degree | Less than 5 years | None |
| 13-1021 | Buyers and Purchasing Agents, Farm Products | 310 | 330 | 20 | 7.4 | 10 | Bachelor's degree | None | Long-term on-the-job training |
| | Wholesale and Retail Buyers, Except Farm | | | | | | | | |
| 13-1022 | Products | 1,520 | 1,690 | 170 | 11.0 | 70 | Bachelor's degree | None | Long-term on-the-job training |
| | Purchasing Agents, Except Wholesale, Retail, and | | | | | | | | |
| 13-1023 | Farm Products | 3,590 | 3,820 | 220 | 6.2 | 120 | Bachelor's degree | None | Long-term on-the-job training |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 4,090 | 4,290 | 200 | 4.8 | 120 | High school diploma or equivalent | None | Long-term on-the-job training |

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| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 13-1032 | Insurance Appraisers, Auto Damage | 160 | 170 | 0 | 2.5 | 0 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 13-1041 | Compliance Officers | 4,090 | 4,500 | 410 | 10.0 | 100 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-1051 | Cost Estimators | 1,740 | 1,960 | 210 | 12.2 | 70 | Bachelor's degree | None | None |
| 13-1071 | Human Resources Specialists | 5,020 | 5,370 | 340 | 6.9 | 160 | Bachelor's degree | None | None |
| 13-1075 | Labor Relations Specialists | 1,650 | 1,490 | -170 | -10.0 | 40 | Bachelor's degree | Less than 5 years | None |
| 13-1081 | Logisticians | 2,170 | 2,250 | 80 | 3.6 | 40 | Bachelor's degree | None | None |
| 13-1111 | Management Analysts | 6,280 | 7,100 | 820 | 13.0 | 170 | Bachelor's degree | Less than 5 years | None |
| 13-1121 | Meeting, Convention, and Event Planners | 1,190 | 1,300 | 120 | 9.9 | 30 | Bachelor's degree | None | None |
| 13-1131 | Fundraisers | 880 | 930 | 60 | 6.3 | 20 | Bachelor's degree | None | None |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | 820 | 870 | 50 | 6.4 | 30 | Bachelor's degree | Less than 5 years | None |
| 13-1151 | Training and Development Specialists | 3,020 | 3,360 | 330 | 11.0 | 110 | Bachelor's degree | Less than 5 years | None |
| 13-1161 | Market Research Analysts and Marketing Specialists | 2,820 | 3,340 | 530 | 18.7 | 90 | Bachelor's degree | None | None |
| 13-1199 | Business Operations Specialists, All Other | 5,910 | 6,090 | 180 | 3.1 | 90 | Bachelor's degree | None | None |
| 13-2011 | Accountants and Auditors | 16,360 | 19,200 | 2,840 | 17.4 | 720 | Bachelor's degree | None | None |
| 13-2021 | Appraisers and Assessors of Real Estate | 870 | 950 | 80 | 9.1 | 20 | Bachelor's degree | None | Long-term on-the-job training |
| 13-2031 | Budget Analysts | 950 | 1,020 | 60 | 6.7 | 30 | Bachelor's degree | None | None |
| 13-2041 | Credit Analysts | 470 | 500 | 40 | 7.7 | 20 | Bachelor's degree | None | None |
| 13-2051 | Financial Analysts | 1,300 | 1,480 | 180 | 13.5 | 50 | Bachelor's degree | None | None |
| 13-2052 | Personal Financial Advisors | 1,560 | 1,910 | 350 | 22.7 | 70 | Bachelor's degree | None | Long-term on-the-job training |
| 13-2053 | Insurance Underwriters | 660 | 600 | -60 | -9.1 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2072 | Loan Officers | 4,240 | 4,640 | 400 | 9.4 | 110 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 500 | 520 | 20 | 3.2 | 20 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2082 | Tax Preparers | 1,080 | 1,250 | 170 | 15.9 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 13-2099 | Financial Specialists, All Other | 620 | 670 | 50 | 7.4 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 15-1111 | Computer and Information Research Scientists | 180 | 180 | 0 | 2.3 | 0 | Doctoral or professional degree | None | None |
| 15-1121 | Computer Systems Analysts | 3,220 | 3,880 | 660 | 20.5 | 110 | Bachelor's degree | None | None |
| 15-1122 | Information Security Analysts | 580 | 660 | 70 | 12.5 | 20 | Bachelor's degree | Less than 5 years | None |
| 15-1131 | Computer Programmers | 2,570 | 2,460 | -110 | -4.4 | 60 | Bachelor's degree | None | None |
| 15-1132 | Software Developers, Applications | 4,320 | 5,110 | 790 | 18.2 | 140 | Bachelor's degree | None | None |
| 15-1133 | Software Developers, Systems Software | 1,880 | 2,250 | 370 | 19.7 | 60 | Bachelor's degree | None | None |
| 15-1134 | Web Developers | 910 | 1,130 | 220 | 24.1 | 30 | Associate's degree | None | None |
| 15-1141 | Database Administrators | 900 | 1,000 | 100 | 10.8 | 30 | Bachelor's degree | Less than 5 years | None |
| 15-1142 | Network and Computer Systems Administrators | 2,890 | 3,080 | 190 | 6.6 | 60 | Bachelor's degree | None | None |
| 15-1143 | Computer Network Architects | 580 | 640 | 60 | 9.8 | 10 | Bachelor's degree | 5 years or more | None |
| 15-1151 | Computer User Support Specialists | 7,200 | 8,130 | 930 | 13.0 | 190 | Some college, no degree | None | None |
| 15-1152 | Computer Network Support Specialists | 1,400 | 1,530 | 130 | 9.5 | 30 | Associate's degree | None | None |
| 15-1199 | Computer Occupations, All Other | 2,270 | 2,410 | 140 | 6.1 | 40 | Bachelor's degree | None | None |
| 15-2011 | Actuaries | 80 | 100 | 10 | 17.1 | 0 | Bachelor's degree | None | Long-term on-the-job training |
| 15-2031 | Operations Research Analysts | 720 | 980 | 260 | 36.6 | 40 | Bachelor's degree | None | None |
| 15-2041 | Statisticians | 230 | 310 | 80 | 33.6 | 10 | Master's degree | None | None |
| 17-1011 | Architects, Except Landscape and Naval | 860 | 940 | 90 | 10.1 | 20 | Bachelor's degree | None | Internship/residency |
| 17-1012 | Landscape Architects | 380 | 390 | 20 | 4.8 | 10 | Bachelor's degree | None | Internship/residency |
| 17-1021 | Cartographers and Photogrammetrists | 120 | 160 | 40 | 35.7 | 10 | Bachelor's degree | None | None |
| 17-1022 | Surveyors | 1,040 | 1,080 | 40 | 3.9 | 40 | Bachelor's degree | Less than 5 years | None |

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|------------|--|------------|-------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 17-2011 | Aerospace Engineers | 770 | 800 | 30 | 3.5 | 30 | Bachelor's degree | None | None |
| 17-2031 | Biomedical Engineers | 170 | 210 | 50 | 26.8 | 10 | Bachelor's degree | None | None |
| 17-2041 | Chemical Engineers | 320 | 350 | 30 | 10.4 | 10 | Bachelor's degree | None | None |
| 17-2051 | Civil Engineers | 2,670 | 2,960 | 300 | 11.1 | 110 | Bachelor's degree | None | None |
| 17-2061 | Computer Hardware Engineers | 220 | 240 | 20 | 7.2 | 10 | Bachelor's degree | None | None |
| 17-2071 | Electrical Engineers | 1,290 | 1,450 | 160 | 12.3 | 40 | Bachelor's degree | None | None |
| 17-2072 | Electronics Engineers, Except Computer | 1,670 | 1,730 | 50 | 3.1 | 40 | Bachelor's degree | None | None |
| 17-2081 | Environmental Engineers | 470 | 550 | 70 | 15.7 | 20 | Bachelor's degree | None | None |
| | Health and Safety Engineers, Except Mining | | | | | | | | |
| 17-2111 | Safety Engineers and Inspectors | 850 | 960 | 110 | 13.0 | 40 | Bachelor's degree | None | None |
| 17-2112 | Industrial Engineers | 1,790 | 1,990 | 200 | 11.4 | 70 | Bachelor's degree | None | None |
| 17-2131 | Materials Engineers | 250 | 270 | 20 | 8.9 | 10 | Bachelor's degree | None | None |
| 17-2141 | Mechanical Engineers | 2,560 | 2,960 | 400 | 15.5 | 120 | Bachelor's degree | None | None |
| | Mining and Geological Engineers, Including | | | | | | | | |
| 17-2151 | Mining Safety Engineers | 640 | 740 | 100 | 15.6 | 30 | Bachelor's degree | None | None |
| 17-2171 | Petroleum Engineers | 3,770 | 4,390 | 620 | 16.5 | 170 | Bachelor's degree | None | None |
| 17-2199 | Engineers, All Other | 890 | 960 | 70 | 7.4 | 30 | Bachelor's degree | None | None |
| 17-3011 | Architectural and Civil Drafters | 990 | 1,000 | 10 | 0.6 | 10 | Associate's degree | None | None |
| 17-3012 | Electrical and Electronics Drafters | 410 | 460 | 50 | 12.2 | 10 | Associate's degree | None | None |
| 17-3013 | Mechanical Drafters | 1,540 | 1,610 | 60 | 4.1 | 20 | Associate's degree | None | None |
| 17-3022 | Civil Engineering Technicians | 470 | 520 | 50 | 10.0 | 20 | Associate's degree | None | None |
| 17-3023 | Electrical and Electronics Engineering Technicians | 1,640 | 1,720 | 80 | 4.8 | 50 | Associate's degree | None | None |
| 17-3024 | Electro-Mechanical Technicians | 530 | 560 | 30 | 5.5 | 20 | Associate's degree | None | None |
| 17-3025 | Environmental Engineering Technicians | 190 | 230 | 40 | 20.6 | 10 | Associate's degree | None | None |
| 17-3026 | Industrial Engineering Technicians | 830 | 860 | 30 | 4.1 | 20 | Associate's degree | None | None |
| 17-3027 | Mechanical Engineering Technicians | 820 | 940 | 120 | 14.2 | 30 | Associate's degree | None | None |
| | Engineering Technicians, Except Drafters, All | | | | | | | | |
| 17-3029 | Other | 710 | 730 | 20 | 3.2 | 20 | Associate's degree | None | None |
| 17-3031 | Surveying and Mapping Technicians | 1,630 | 1,610 | -20 | -1.4 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 19-1011 | Animal Scientists | 60 | 70 | 0 | 6.3 | 0 | Bachelor's degree | None | None |
| 19-1012 | Food Scientists and Technologists | 130 | 140 | 10 | 6.1 | 10 | Bachelor's degree | None | None |
| 19-1023 | Zoologists and Wildlife Biologists | 150 | 160 | 10 | 6.5 | 10 | Bachelor's degree | None | None |
| 19-1029 | Biological Scientists, All Other | 200 | 200 | 0 | 0.5 | 10 | Bachelor's degree | None | None |
| 19-1031 | Conservation Scientists | 270 | 300 | 30 | 11.9 | 20 | Bachelor's degree | None | None |
| 19-1032 | Foresters | 110 | 110 | 0 | 2.8 | 10 | Bachelor's degree | None | None |
| 19-1041 | Epidemiologists | 70 | 80 | 10 | 9.6 | 0 | Master's degree | None | None |
| 19-1042 | Medical Scientists, Except Epidemiologists | 390 | 440 | 50 | 12.9 | 20 | Doctoral or professional degree | None | None |
| 19-2012 | Physicists | 60 | 70 | 10 | 11.5 | 0 | Doctoral or professional degree | None | None |
| 19-2021 | Atmospheric and Space Scientists | 230 | 250 | 20 | 8.3 | 10 | Bachelor's degree | None | None |
| 19-2031 | Chemists | 560 | 610 | 40 | 7.7 | 20 | Bachelor's degree | None | None |
| | Environmental Scientists and Specialists, | | | | | | | | |
| 19-2041 | Including Health | 830 | 930 | 100 | 12.4 | 40 | Bachelor's degree | None | None |
| 19-2042 | Geographers | 1,320 | 1,550 | 230 | 17.1 | 60 | Bachelor's degree | None | None |
| 19-2099 | Physical Scientists, All Other | 60 | 60 | 0 | 0.0 | 0 | Bachelor's degree | None | None |
| 19-3011 | Economists | 120 | 130 | 10 | 10.0 | 0 | Master's degree | None | None |
| 19-3022 | Survey Researchers | 90 | 100 | 10 | 10.2 | 0 | Master's degree | None | None |
| 19-3031 | Clinical, Counseling, and School Psychologists | 1,680 | 1,980 | 300 | 17.8 | 70 | Doctoral or professional degree | None | Internship/residency |

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| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 19-3039 | Psychologists, All Other | 150 | 160 | 10 | 9.4 | 0 | Master's degree | None | Internship/residency |
| 19-3051 | Urban and Regional Planners | 180 | 210 | 30 | 15.2 | 10 | Master's degree | None | None |
| 19-3099 | Social Scientists and Related Workers, All Other | 170 | 170 | 0 | 1.2 | 0 | Bachelor's degree | None | None |
| 19-4011 | Agricultural and Food Science Technicians | 400 | 410 | 20 | 4.0 | 20 | Associate's degree | None | Moderate-term on-the-job training |
| 19-4021 | Biological Technicians | 1,490 | 1,600 | 110 | 7.3 | 50 | Bachelor's degree | None | None |
| 19-4031 | Chemical Technicians | 330 | 360 | 30 | 7.5 | 10 | Associate's degree | None | Moderate-term on-the-job training |
| 19-4041 | Geological and Petroleum Technicians | 1,730 | 2,000 | 280 | 16.2 | 90 | Associate's degree | None | Moderate-term on-the-job training |
| | Environmental Science and Protection | | | | | | | | |
| 19-4091 | Technicians, Including Health | 740 | 800 | 60 | 8.1 | 40 | Associate's degree | None | None |
| 19-4092 | Forensic Science Technicians | 280 | 350 | 70 | 26.8 | 20 | Bachelor's degree | None | Moderate-term on-the-job training |
| 19-4093 | Forest and Conservation Technicians | 160 | 160 | 10 | 4.5 | 10 | Associate's degree | None | None |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 1,070 | 1,160 | 100 | 9.2 | 60 | Associate's degree | None | None |
| | Substance Abuse and Behavioral Disorder | | | | | | | | |
| 21-1011 | Counselors | 1,330 | 1,580 | 250 | 18.4 | 50 | Bachelor's degree | None | None |
| | Educational, Guidance, School, and Vocational | | | | | | | | |
| 21-1012 | Counselors | 3,830 | 4,100 | 270 | 7.1 | 110 | Master's degree | None | None |
| 21-1013 | Marriage and Family Therapists | 450 | 500 | 50 | 10.7 | 10 | Master's degree | None | Internship/residency |
| 21-1014 | Mental Health Counselors | 1,750 | 2,050 | 300 | 17.0 | 70 | Master's degree | None | Internship/residency |
| 21-1015 | Rehabilitation Counselors | 1,960 | 2,170 | 220 | 11.2 | 60 | Master's degree | None | None |
| 21-1019 | Counselors, All Other | 110 | 120 | 10 | 9.7 | 0 | Master's degree | None | None |
| 21-1021 | Child, Family, and School Social Workers | 6,110 | 6,400 | 290 | 4.7 | 180 | Bachelor's degree | None | None |
| 21-1022 | Healthcare Social Workers | 2,210 | 2,610 | 410 | 18.5 | 90 | Master's degree | None | None |
| | Mental Health and Substance Abuse Social | | | | | | | | |
| 21-1023 | Workers | 1,430 | 1,660 | 230 | 16.3 | 60 | Bachelor's degree | None | None |
| 21-1029 | Social Workers, All Other | 750 | 790 | 40 | 4.9 | 20 | Bachelor's degree | None | None |
| 21-1091 | Health Educators | 940 | 1,050 | 110 | 12.0 | 30 | Bachelor's degree | None | None |
| | Probation Officers and Correctional Treatment | | | | | | | | |
| 21-1092 | Specialists | 1,060 | 1,170 | 110 | 10.1 | 30 | Bachelor's degree | None | Short-term on-the-job training |
| 21-1093 | Social and Human Service Assistants | 3,400 | 3,780 | 380 | 11.1 | 110 | High school diploma or equivalent | None | Short-term on-the-job training |
| 21-1094 | Community Health Workers | 1,520 | 1,700 | 180 | 11.6 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| | Community and Social Service Specialists, All | | | | | | | | |
| 21-1099 | Other | 440 | 470 | 30 | 6.8 | 10 | Master's degree | None | None |
| 21-2011 | Clergy | 920 | 1,010 | 90 | 9.4 | 30 | Bachelor's degree | None | Moderate-term on-the-job training |
| 21-2021 | Directors, Religious Activities and Education | 350 | 360 | 10 | 2.9 | 10 | Bachelor's degree | Less than 5 years | None |
| 21-2099 | Religious Workers, All Other | 140 | 140 | 0 | 2.9 | 0 | Bachelor's degree | None | None |
| 23-1011 | Lawyers | 9,480 | 10,290 | 810 | 8.6 | 220 | Doctoral or professional degree | None | None |
| | Administrative Law Judges, Adjudicators, and | | | | | | | | |
| 23-1021 | Hearing Officers | 200 | 200 | 10 | 3.1 | 0 | Doctoral or professional degree | 5 years or more | Short-term on-the-job training |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 950 | 990 | 40 | 4.6 | 20 | Doctoral or professional degree | 5 years or more | Short-term on-the-job training |
| 23-2011 | Paralegals and Legal Assistants | 3,410 | 3,760 | 350 | 10.2 | 110 | Associate's degree | None | None |
| 23-2091 | Court Reporters | 180 | 200 | 10 | 7.1 | 10 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 2,180 | 2,360 | 180 | 8.4 | 70 | High school diploma or equivalent | None | Short-term on-the-job training |
| 23-2099 | Legal Support Workers, All Other | 450 | 490 | 40 | 9.2 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 25-1011 | Business Teachers, Postsecondary | 1,160 | 1,230 | 60 | 5.5 | 30 | Doctoral or professional degree | None | None |
| 25-1021 | Computer Science Teachers, Postsecondary | 540 | 570 | 30 | 5.8 | 10 | Doctoral or professional degree | None | None |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 730 | 810 | 90 | 11.7 | 20 | Doctoral or professional degree | None | None |

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| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 25-1032 | Engineering Teachers, Postsecondary | 220 | 240 | 20 | 9.5 | 10 | Doctoral or professional degree | None | None |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | 120 | 120 | 10 | 4.2 | 0 | Doctoral or professional degree | None | None |
| 25-1042 | Biological Science Teachers, Postsecondary | 560 | 630 | 60 | 11.4 | 20 | Doctoral or professional degree | None | None |
| 25-1052 | Chemistry Teachers, Postsecondary | 350 | 390 | 40 | 11.6 | 10 | Doctoral or professional degree | None | None |
| 25-1063 | Economics Teachers, Postsecondary | 130 | 140 | 10 | 7.0 | 0 | Doctoral or professional degree | None | None |
| 25-1065 | Political Science Teachers, Postsecondary | 220 | 240 | 10 | 5.8 | 10 | Doctoral or professional degree | None | None |
| 25-1066 | Psychology Teachers, Postsecondary | 3,990 | 4,480 | 500 | 12.4 | 120 | Doctoral or professional degree | None | None |
| 25-1067 | Sociology Teachers, Postsecondary | 220 | 240 | 30 | 11.4 | 10 | Doctoral or professional degree | None | None |
| 25-1071 | Health Specialties Teachers, Postsecondary | 2,130 | 2,460 | 330 | 15.4 | 70 | Doctoral or professional degree | Less than 5 years | None |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 1,240 | 1,420 | 180 | 14.6 | 40 | Master's degree | Less than 5 years | None |
| 25-1081 | Education Teachers, Postsecondary | 890 | 950 | 60 | 6.3 | 20 | Doctoral or professional degree | Less than 5 years | None |
| 25-1082 | Library Science Teachers, Postsecondary | 70 | 80 | 0 | 5.6 | 0 | Doctoral or professional degree | None | None |
| 25-1111 | Criminal Justice and Law Enforcement Teachers, Postsecondary | 130 | 150 | 20 | 17.8 | 0 | Doctoral or professional degree | None | None |
| 25-1112 | Law Teachers, Postsecondary | 170 | 200 | 30 | 17.4 | 10 | Doctoral or professional degree | None | None |
| 25-1113 | Social Work Teachers, Postsecondary | 90 | 100 | 10 | 10.2 | 0 | Doctoral or professional degree | None | None |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 1,150 | 1,230 | 80 | 6.9 | 30 | Master's degree | None | None |
| 25-1122 | Communications Teachers, Postsecondary | 470 | 500 | 30 | 5.7 | 10 | Doctoral or professional degree | None | None |
| 25-1123 | English Language and Literature Teachers, Postsecondary | 1,060 | 1,120 | 60 | 5.8 | 30 | Doctoral or professional degree | None | None |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | 310 | 340 | 20 | 7.0 | 10 | Doctoral or professional degree | None | None |
| 25-1125 | History Teachers, Postsecondary | 410 | 430 | 30 | 6.2 | 10 | Doctoral or professional degree | None | None |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 340 | 370 | 30 | 7.9 | 10 | Doctoral or professional degree | None | None |
| 25-1191 | Graduate Teaching Assistants | 1,140 | 1,180 | 40 | 3.4 | 20 | Bachelor's degree | None | None |
| 25-1192 | Home Economics Teachers, Postsecondary | 60 | 50 | -10 | -13.3 | 0 | Master's degree | None | None |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | 440 | 470 | 30 | 6.1 | 10 | Doctoral or professional degree | None | None |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,860 | 2,050 | 190 | 10.3 | 50 | Bachelor's degree | Less than 5 years | None |
| 25-1199 | Postsecondary Teachers, All Other | 1,290 | 1,360 | 70 | 5.5 | 30 | Doctoral or professional degree | None | None |
| 25-2011 | Preschool Teachers, Except Special Education | 4,980 | 5,370 | 390 | 7.9 | 190 | Associate's degree | None | None |
| 25-2012 | Kindergarten Teachers, Except Special Education | 2,240 | 2,360 | 120 | 5.4 | 80 | Bachelor's degree | None | Internship/residency |
| 25-2021 | Elementary School Teachers, Except Special Education | 16,570 | 17,430 | 860 | 5.2 | 450 | Bachelor's degree | None | Internship/residency |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | 7,160 | 7,530 | 370 | 5.2 | 200 | Bachelor's degree | None | Internship/residency |
| 25-2023 | Career/Technical Education Teachers, Middle School | 230 | 240 | 10 | 5.3 | 10 | Bachelor's degree | Less than 5 years | Internship/residency |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 11,040 | 11,610 | 580 | 5.2 | 320 | Bachelor's degree | None | Internship/residency |
| 25-2032 | Career/Technical Education Teachers, Secondary School | 1,040 | 1,030 | -10 | -0.9 | 30 | Bachelor's degree | Less than 5 years | Internship/residency |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | 1,840 | 1,940 | 90 | 5.1 | 40 | Bachelor's degree | None | Internship/residency |
| 25-2053 | Special Education Teachers, Middle School | 1,080 | 1,130 | 60 | 5.1 | 30 | Bachelor's degree | None | Internship/residency |
| 25-2054 | Special Education Teachers, Secondary School | 1,290 | 1,360 | 70 | 5.0 | 30 | Bachelor's degree | None | Internship/residency |
| 25-2059 | Special Education Teachers, All Other | 120 | 130 | 10 | 6.5 | 0 | Bachelor's degree | None | Internship/residency |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| | Adult Basic and Secondary Education and Literacy | | | | | | | | |
| 25-3011 | Teachers and Instructors | 1,030 | 1,060 | 30 | 2.9 | 20 | Bachelor's degree | None | Internship/residency |
| 25-3021 | Self-Enrichment Education Teachers | 2,240 | 2,550 | 310 | 13.7 | 70 | High school diploma or equivalent | Less than 5 years | None |
| | Teachers and Instructors, All Other, Except | | | | | | | | |
| 25-3097 | Substitute Teachers | 3,700 | 3,910 | 210 | 5.6 | 90 | Bachelor's degree | None | Internship/residency |
| 25-3098 | Substitute Teachers | 6,620 | 6,970 | 350 | 5.3 | 160 | Bachelor's degree | None | Internship/residency |
| 25-3099 | Teachers and Instructors, All Other | 3,450 | 3,640 | 200 | 5.8 | 90 | Bachelor's degree | None | Internship/residency |
| 25-4011 | Archivists | 60 | 70 | 10 | 15.3 | 0 | Master's degree | None | None |
| 25-4012 | Curators | 130 | 150 | 20 | 12.4 | 10 | Master's degree | None | None |
| 25-4013 | Museum Technicians and Conservators | 70 | 80 | 10 | 16.9 | 0 | Bachelor's degree | None | None |
| 25-4021 | Librarians | 1,790 | 1,830 | 30 | 1.9 | 40 | Master's degree | None | None |
| 25-4031 | Library Technicians | 1,270 | 1,390 | 110 | 8.9 | 70 | Postsecondary non-degree award | None | None |
| | Audio-Visual and Multimedia Collections | | | | | | | | |
| 25-9011 | Specialists | 150 | 160 | 10 | 6.2 | 0 | Bachelor's degree | Less than 5 years | None |
| 25-9031 | Instructional Coordinators | 1,320 | 1,410 | 90 | 6.9 | 20 | Master's degree | 5 years or more | None |
| 25-9041 | Teacher Assistants | 12,220 | 12,890 | 680 | 5.5 | 360 | Some college, no degree | None | None |
| | Education, Training, and Library Workers, All | | | | | | | | |
| 25-9099 | Other | 430 | 440 | 10 | 2.1 | 10 | Bachelor's degree | None | None |
| 27-1011 | Art Directors | 300 | 300 | 0 | 1.0 | 10 | Bachelor's degree | 5 years or more | None |
| 27-1012 | Craft Artists | 140 | 150 | 10 | 4.3 | 0 | No formal educational credential | None | Long-term on-the-job training |
| | Fine Artists, Including Painters, Sculptors, and | | | | | | | | |
| 27-1013 | Illustrators | 520 | 550 | 30 | 5.8 | 10 | Bachelor's degree | None | Long-term on-the-job training |
| 27-1014 | Multimedia Artists and Animators | 130 | 140 | 10 | 5.3 | 0 | Bachelor's degree | None | Moderate-term on-the-job training |
| 27-1021 | Commercial and Industrial Designers | 250 | 280 | 30 | 11.2 | 10 | Bachelor's degree | None | None |
| 27-1023 | Floral Designers | 1,090 | 1,070 | -10 | -1.2 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 27-1024 | Graphic Designers | 1,930 | 1,980 | 50 | 2.3 | 50 | Bachelor's degree | None | None |
| 27-1025 | Interior Designers | 360 | 380 | 20 | 5.5 | 10 | Bachelor's degree | None | None |
| 27-1026 | Merchandise Displayers and Window Trimmers | 710 | 740 | 30 | 3.8 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 27-2012 | Producers and Directors | 890 | 940 | 50 | 5.8 | 30 | Bachelor's degree | Less than 5 years | None |
| 27-2022 | Coaches and Scouts | 2,780 | 2,900 | 120 | 4.3 | 110 | Bachelor's degree | None | None |
| 27-2023 | Umpires, Referees, and Other Sports Officials | 120 | 120 | 10 | 4.3 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 27-2041 | Music Directors and Composers | 540 | 550 | 10 | 1.9 | 20 | Bachelor's degree | Less than 5 years | None |
| 27-2042 | Musicians and Singers | 780 | 810 | 30 | 3.7 | 30 | No formal educational credential | None | Long-term on-the-job training |
| 27-3011 | Radio and Television Announcers | 470 | 400 | -70 | -15.6 | 10 | Bachelor's degree | None | Short-term on-the-job training |
| 27-3012 | Public Address System and Other Announcers | 80 | 80 | 0 | 2.6 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-3021 | Broadcast News Analysts | 100 | 90 | -10 | -9.9 | 0 | Bachelor's degree | None | None |
| 27-3022 | Reporters and Correspondents | 620 | 580 | -30 | -5.4 | 20 | Bachelor's degree | None | None |
| 27-3031 | Public Relations Specialists | 2,530 | 2,710 | 180 | 7.1 | 50 | Bachelor's degree | None | None |
| 27-3041 | Editors | 1,010 | 960 | -60 | -5.8 | 40 | Bachelor's degree | Less than 5 years | None |
| 27-3042 | Technical Writers | 470 | 510 | 40 | 9.4 | 20 | Bachelor's degree | Less than 5 years | Short-term on-the-job training |
| 27-3043 | Writers and Authors | 740 | 760 | 30 | 3.7 | 20 | Bachelor's degree | None | Moderate-term on-the-job training |
| 27-3091 | Interpreters and Translators | 300 | 360 | 70 | 22.0 | 10 | Bachelor's degree | None | Short-term on-the-job training |
| 27-3099 | Media and Communication Workers, All Other | 500 | 580 | 80 | 16.6 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-4011 | Audio and Video Equipment Technicians | 500 | 560 | 60 | 11.1 | 20 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 27-4012 | Broadcast Technicians | 150 | 140 | -10 | -5.4 | 0 | Associate's degree | None | Short-term on-the-job training |
| 27-4021 | Photographers | 1,780 | 1,860 | 80 | 4.6 | 50 | High school diploma or equivalent | None | Long-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 27-4031 | Camera Operators, Television, Video, and Motion Picture | 210 | 210 | 10 | 3.9 | 0 | Bachelor's degree | None | None |
| 27-4032 | Film and Video Editors | 280 | 340 | 60 | 21.3 | 10 | Bachelor's degree | None | None |
| 27-4099 | Media and Communication Equipment Workers, All Other | 60 | 60 | 0 | 0.0 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 29-1011 | Chiropractors | 550 | 620 | 80 | 14.1 | 20 | Doctoral or professional degree | None | None |
| 29-1021 | Dentists, General | 1,690 | 1,930 | 230 | 13.8 | 60 | Doctoral or professional degree | None | None |
| 29-1022 | Oral and Maxillofacial Surgeons | 80 | 90 | 10 | 12.7 | 0 | Doctoral or professional degree | None | Internship/residency |
| 29-1029 | Dentists, All Other Specialists | 80 | 90 | 10 | 6.2 | 0 | Doctoral or professional degree | None | Internship/residency |
| 29-1031 | Dietitians and Nutritionists | 860 | 1,010 | 150 | 17.2 | 20 | Bachelor's degree | None | Internship/residency |
| 29-1041 | Optometrists | 620 | 760 | 150 | 24.0 | 40 | Doctoral or professional degree | None | None |
| 29-1051 | Pharmacists | 4,160 | 4,440 | 280 | 6.7 | 130 | Doctoral or professional degree | None | None |
| 29-1061 | Anesthesiologists | 290 | 340 | 40 | 15.0 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1062 | Family and General Practitioners | 2,180 | 2,300 | 120 | 5.5 | 70 | Doctoral or professional degree | None | Internship/residency |
| 29-1063 | Internists, General | 320 | 340 | 20 | 6.3 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1064 | Obstetricians and Gynecologists | 120 | 130 | 10 | 11.1 | 0 | Doctoral or professional degree | None | Internship/residency |
| 29-1065 | Pediatricians, General | 200 | 210 | 10 | 6.2 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1066 | Psychiatrists | 310 | 340 | 30 | 9.6 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1067 | Surgeons | 750 | 830 | 80 | 11.1 | 30 | Doctoral or professional degree | None | Internship/residency |
| 29-1069 | Physicians and Surgeons, All Other | 6,690 | 7,290 | 600 | 9.0 | 240 | Doctoral or professional degree | None | Internship/residency |
| 29-1071 | Physician Assistants | 1,690 | 2,050 | 360 | 21.5 | 70 | Master's degree | None | None |
| 29-1122 | Occupational Therapists | 940 | 1,140 | 200 | 21.1 | 40 | Master's degree | None | None |
| 29-1123 | Physical Therapists | 1,840 | 2,280 | 440 | 23.7 | 90 | Doctoral or professional degree | None | None |
| 29-1124 | Radiation Therapists | 370 | 420 | 50 | 12.6 | 10 | Associate's degree | None | None |
| 29-1125 | Recreational Therapists | 290 | 310 | 20 | 8.0 | 10 | Bachelor's degree | None | None |
| 29-1126 | Respiratory Therapists | 1,390 | 1,520 | 130 | 9.4 | 50 | Associate's degree | None | None |
| 29-1127 | Speech-Language Pathologists | 1,600 | 1,940 | 340 | 20.9 | 70 | Master's degree | None | None |
| 29-1128 | Exercise Physiologists | 100 | 110 | 10 | 12.4 | 0 | Bachelor's degree | None | None |
| 29-1129 | Therapists, All Other | 80 | 90 | 10 | 18.7 | 0 | Bachelor's degree | None | None |
| 29-1131 | Veterinarians | 870 | 960 | 90 | 9.9 | 20 | Doctoral or professional degree | None | None |
| 29-1141 | Registered Nurses | 31,160 | 35,450 | 4,290 | 13.8 | 1,160 | Bachelor's degree | None | None |
| 29-1151 | Nurse Anesthetists | 290 | 330 | 40 | 15.3 | 10 | Master's degree | None | None |
| 29-1171 | Nurse Practitioners | 1,160 | 1,450 | 290 | 24.6 | 60 | Master's degree | None | None |
| 29-1181 | Audiologists | 120 | 150 | 40 | 29.4 | 10 | Doctoral or professional degree | None | None |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 190 | 210 | 20 | 12.3 | 10 | Master's degree | None | None |
| 29-2011 | Medical and Clinical Laboratory Technologists | 2,150 | 2,400 | 240 | 11.3 | 80 | Bachelor's degree | None | None |
| 29-2012 | Medical and Clinical Laboratory Technicians | 2,130 | 2,420 | 290 | 13.6 | 80 | Associate's degree | None | None |
| 29-2021 | Dental Hygienists | 1,740 | 1,960 | 220 | 12.3 | 50 | Associate's degree | None | None |
| 29-2031 | Cardiovascular Technologists and Technicians | 630 | 760 | 140 | 21.8 | 30 | Associate's degree | None | None |
| 29-2032 | Diagnostic Medical Sonographers | 920 | 1,110 | 200 | 21.4 | 40 | Associate's degree | None | None |
| 29-2033 | Nuclear Medicine Technologists | 420 | 410 | -10 | -1.7 | 10 | Associate's degree | None | None |
| 29-2034 | Radiologic Technologists | 2,610 | 2,730 | 120 | 4.6 | 60 | Associate's degree | None | None |
| 29-2035 | Magnetic Resonance Imaging Technologists | 420 | 440 | 20 | 5.0 | 10 | Associate's degree | Less than 5 years | None |
| 29-2041 | Emergency Medical Technicians and Paramedics | 3,580 | 4,340 | 760 | 21.2 | 140 | Postsecondary non-degree award | None | None |
| 29-2051 | Dietetic Technicians | 570 | 640 | 70 | 12.0 | 10 | Associate's degree | None | None |
| 29-2052 | Pharmacy Technicians | 5,780 | 6,600 | 830 | 14.3 | 140 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 29-2053 | Psychiatric Technicians | 1,040 | 1,060 | 20 | 1.7 | 10 | Postsecondary non-degree award | Less than 5 years | Short-term on-the-job training |
| 29-2054 | Respiratory Therapy Technicians | 220 | 190 | -40 | -16.7 | 0 | Associate's degree | None | None |
| 29-2055 | Surgical Technologists | 1,670 | 1,860 | 180 | 10.8 | 40 | Postsecondary non-degree award | None | None |
| 29-2056 | Veterinary Technologists and Technicians | 990 | 1,190 | 200 | 20.3 | 30 | Associate's degree | None | None |
| 29-2057 | Ophthalmic Medical Technicians | 920 | 1,090 | 180 | 19.5 | 30 | Postsecondary non-degree award | None | None |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses Medical Records and Health Information Technicians | 13,280 | 14,260 | 980 | 7.4 | 480 | Postsecondary non-degree award | None | None |
| 29-2071 | Technicians | 3,990 | 4,490 | 500 | 12.6 | 140 | Postsecondary non-degree award | None | None |
| 29-2081 | Opticians, Dispensing | 770 | 950 | 180 | 24.0 | 40 | High school diploma or equivalent | None | Long-term on-the-job training |
| 29-2091 | Orthotists and Prosthetists | 160 | 190 | 30 | 20.9 | 10 | Master's degree | None | Internship/residency |
| 29-2092 | Hearing Aid Specialists | 50 | 70 | 20 | 31.4 | 0 | High school diploma or equivalent | None | None |
| 29-2099 | Health Technologists and Technicians, All Other | 1,030 | 1,240 | 210 | 20.4 | 30 | High school diploma or equivalent | None | None |
| 29-9011 | Occupational Health and Safety Specialists | 1,140 | 1,300 | 160 | 14.2 | 40 | Bachelor's degree | None | None |
| 29-9091 | Athletic Trainers | 300 | 340 | 40 | 14.0 | 10 | Bachelor's degree | None | None |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 510 | 580 | 60 | 12.3 | 20 | Postsecondary non-degree award | None | None |
| 31-1011 | Home Health Aides | 7,490 | 9,750 | 2,250 | 30.1 | 390 | No formal educational credential | None | Short-term on-the-job training |
| 31-1013 | Psychiatric Aides | 260 | 250 | 0 | -1.2 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-1014 | Nursing Assistants | 20,290 | 22,600 | 2,310 | 11.4 | 690 | Postsecondary non-degree award | None | None |
| 31-1015 | Orderlies | 1,310 | 1,490 | 180 | 13.5 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-2011 | Occupational Therapy Assistants | 480 | 640 | 160 | 33.3 | 30 | Associate's degree | None | None |
| 31-2012 | Occupational Therapy Aides | 60 | 70 | 10 | 20.3 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-2021 | Physical Therapist Assistants | 1,010 | 1,310 | 310 | 30.4 | 60 | Associate's degree | None | None |
| 31-2022 | Physical Therapist Aides | 530 | 710 | 180 | 32.8 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-9011 | Massage Therapists | 660 | 820 | 160 | 23.7 | 20 | Postsecondary non-degree award | None | None |
| 31-9091 | Dental Assistants | 4,180 | 4,680 | 500 | 12.1 | 150 | Postsecondary non-degree award | None | None |
| 31-9092 | Medical Assistants | 7,790 | 9,040 | 1,250 | 16.1 | 290 | Postsecondary non-degree award | None | None |
| 31-9093 | Medical Equipment Preparers | 460 | 500 | 40 | 9.4 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 31-9094 | Medical Transcriptionists | 680 | 580 | -90 | -13.6 | 10 | Postsecondary non-degree award | None | None |
| 31-9095 | Pharmacy Aides | 770 | 810 | 40 | 5.5 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | 2,070 | 2,240 | 170 | 8.2 | 60 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-9097 | Phlebotomists | 1,330 | 1,590 | 260 | 19.2 | 50 | Postsecondary non-degree award | None | None |
| 31-9099 | Healthcare Support Workers, All Other | 410 | 430 | 30 | 6.7 | 10 | High school diploma or equivalent | None | None |
| 33-1011 | First-Line Supervisors of Correctional Officers | 880 | 970 | 100 | 10.8 | 40 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,140 | 1,300 | 160 | 14.4 | 60 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 33-1021 | First-Line Supervisors of Fire Fighting and Prevention Workers | 830 | 950 | 130 | 15.1 | 50 | Postsecondary non-degree award | Less than 5 years | Moderate-term on-the-job training |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | 720 | 820 | 90 | 12.9 | 30 | High school diploma or equivalent | Less than 5 years | None |
| 33-2011 | Firefighters | 2,820 | 3,220 | 400 | 14.3 | 120 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 33-3012 | Correctional Officers and Jailers | 6,310 | 7,200 | 890 | 14.1 | 260 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-3021 | Detectives and Criminal Investigators | 1,310 | 1,440 | 130 | 9.6 | 50 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 33-3031 | Fish and Game Wardens | 110 | 120 | 10 | 5.5 | 0 | Bachelor's degree | None | Moderate-term on-the-job training |
| 33-3051 | Police and Sheriff's Patrol Officers | 8,330 | 9,540 | 1,220 | 14.6 | 400 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-9011 | Animal Control Workers | 280 | 320 | 40 | 15.5 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-9021 | Private Detectives and Investigators | 230 | 250 | 20 | 10.2 | 10 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 33-9031 | Gaming Surveillance Officers and Gaming Investigators | 1,030 | 1,100 | 70 | 6.6 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9032 | Security Guards | 11,710 | 13,140 | 1,430 | 12.2 | 310 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9091 | Crossing Guards | 140 | 150 | 10 | 7.0 | 0 | No formal educational credential | None | Short-term on-the-job training |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 1,370 | 1,500 | 130 | 9.4 | 30 | No formal educational credential | None | Short-term on-the-job training |
| 33-9093 | Transportation Security Screeners | 380 | 380 | 0 | 0.0 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9099 | Protective Service Workers, All Other | 640 | 730 | 90 | 13.5 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 35-1011 | Chefs and Head Cooks | 1,560 | 1,770 | 200 | 12.9 | 40 | High school diploma or equivalent | 5 years or more | None |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 12,280 | 14,030 | 1,750 | 14.2 | 540 | High school diploma or equivalent | Less than 5 years | None |
| 35-2011 | Cooks, Fast Food | 16,190 | 14,410 | -1,780 | -11.0 | 430 | No formal educational credential | None | Short-term on-the-job training |
| 35-2012 | Cooks, Institution and Cafeteria | 9,580 | 9,940 | 360 | 3.7 | 290 | No formal educational credential | None | Short-term on-the-job training |
| 35-2014 | Cooks, Restaurant | 12,000 | 14,320 | 2,320 | 19.3 | 550 | No formal educational credential | Less than 5 years | Moderate-term on-the-job training |
| 35-2015 | Cooks, Short Order | 1,180 | 1,230 | 50 | 4.2 | 40 | No formal educational credential | None | Short-term on-the-job training |
| 35-2021 | Food Preparation Workers | 9,100 | 9,890 | 780 | 8.6 | 330 | No formal educational credential | None | Short-term on-the-job training |
| 35-3011 | Bartenders | 5,610 | 6,380 | 770 | 13.8 | 290 | No formal educational credential | None | Short-term on-the-job training |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | 31,040 | 36,000 | 4,960 | 16.0 | 1,500 | No formal educational credential | None | Short-term on-the-job training |
| 35-3022 | Waiters and Waitresses | 7,230 | 8,010 | 780 | 10.8 | 510 | No formal educational credential | None | Short-term on-the-job training |
| 35-3031 | Food Servers, Nonrestaurant | 27,890 | 30,010 | 2,120 | 7.6 | 1,550 | No formal educational credential | None | Short-term on-the-job training |
| 35-3041 | Dining Room and Cafeteria Attendants and Bartender Helpers | 3,980 | 4,370 | 390 | 9.7 | 140 | No formal educational credential | None | Short-term on-the-job training |
| 35-9011 | Dishwashers | 2,950 | 3,250 | 300 | 10.3 | 180 | No formal educational credential | None | Short-term on-the-job training |
| 35-9021 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 4,570 | 4,570 | 0 | 0.0 | 200 | No formal educational credential | None | Short-term on-the-job training |
| 35-9031 | Food Preparation and Serving Related Workers, All Other | 4,170 | 4,580 | 410 | 9.8 | 340 | No formal educational credential | None | None |
| 35-9099 | First-Line Supervisors of Housekeeping and Janitorial Workers | 240 | 270 | 30 | 10.7 | 20 | No formal educational credential | None | Short-term on-the-job training |
| 37-1011 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 2,940 | 3,190 | 250 | 8.4 | 70 | High school diploma or equivalent | Less than 5 years | None |
| 37-1012 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 1,860 | 2,020 | 150 | 8.3 | 50 | High school diploma or equivalent | Less than 5 years | None |
| 37-2011 | Maids and Housekeeping Cleaners | 23,800 | 25,800 | 1,990 | 8.4 | 670 | No formal educational credential | None | Short-term on-the-job training |
| 37-2012 | Landscaping and Groundskeeping Workers | 13,870 | 15,040 | 1,170 | 8.5 | 450 | No formal educational credential | None | Short-term on-the-job training |
| 37-3011 | Tree Trimmers and Pruners | 10,100 | 11,060 | 950 | 9.4 | 280 | No formal educational credential | None | Short-term on-the-job training |
| 37-3013 | Gaming Supervisors | 1,460 | 1,600 | 140 | 9.4 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-1011 | Slot Supervisors | 1,460 | 1,650 | 190 | 12.7 | 70 | High school diploma or equivalent | Less than 5 years | None |
| 39-1012 | First-Line Supervisors of Personal Service Workers | 630 | 630 | 0 | -0.3 | 20 | High school diploma or equivalent | Less than 5 years | None |
| 39-1021 | Animal Trainers | 1,900 | 2,110 | 200 | 10.6 | 60 | High school diploma or equivalent | Less than 5 years | None |
| 39-2011 | Nonfarm Animal Caretakers | 480 | 530 | 50 | 10.5 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-2021 | Gaming Dealers | 2,210 | 2,480 | 270 | 12.1 | 70 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3011 | Gaming and Sports Book Writers and Runners | 2,770 | 3,180 | 410 | 14.8 | 120 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3012 | Gaming Service Workers, All Other | 240 | 260 | 20 | 8.0 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3019 | | 520 | 590 | 80 | 15.3 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 39-3021 | Motion Picture Projectionists | 120 | 100 | -10 | -11.9 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 1,260 | 1,340 | 80 | 6.7 | 90 | No formal educational credential | None | Short-term on-the-job training |
| 39-3091 | Amusement and Recreation Attendants | 1,590 | 1,820 | 230 | 14.7 | 90 | No formal educational credential | None | Short-term on-the-job training |
| 39-3092 | Costume Attendants | 140 | 160 | 30 | 18.1 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3093 | Locker Room, Coatroom, and Dressing Room Attendants | 240 | 270 | 30 | 13.5 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3099 | Entertainment Attendants and Related Workers, All Other | 480 | 510 | 40 | 8.2 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-4021 | Funeral Attendants | 660 | 660 | 0 | 0.6 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-5011 | Barbers | 570 | 630 | 60 | 10.9 | 20 | Postsecondary non-degree award | None | None |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 4,270 | 4,740 | 470 | 10.9 | 160 | Postsecondary non-degree award | None | None |
| 39-5092 | Manicurists and Pedicurists | 320 | 360 | 40 | 11.3 | 10 | Postsecondary non-degree award | None | None |
| 39-5094 | Skincare Specialists | 450 | 500 | 50 | 12.1 | 10 | Postsecondary non-degree award | None | None |
| 39-6011 | Baggage Porters and Bellhops | 260 | 280 | 20 | 8.2 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-6012 | Concierges | 260 | 280 | 20 | 6.9 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-9011 | Childcare Workers | 12,210 | 13,000 | 780 | 6.4 | 440 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-9021 | Personal Care Aides | 14,320 | 18,740 | 4,420 | 30.8 | 560 | No formal educational credential | None | Short-term on-the-job training |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 2,690 | 2,990 | 300 | 11.1 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-9032 | Recreation Workers | 2,880 | 3,190 | 310 | 10.8 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 22,700 | 24,370 | 1,670 | 7.4 | 670 | High school diploma or equivalent | Less than 5 years | None |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 3,890 | 4,140 | 250 | 6.4 | 70 | High school diploma or equivalent | Less than 5 years | None |
| 41-2011 | Cashiers | 42,110 | 44,250 | 2,140 | 5.1 | 2,010 | No formal educational credential | None | Short-term on-the-job training |
| 41-2012 | Gaming Change Persons and Booth Cashiers | 1,060 | 1,110 | 40 | 4.0 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-2021 | Counter and Rental Clerks | 2,950 | 3,030 | 80 | 2.7 | 80 | No formal educational credential | None | Short-term on-the-job training |
| 41-2022 | Parts Salespersons | 3,170 | 3,440 | 260 | 8.3 | 100 | No formal educational credential | None | Moderate-term on-the-job training |
| 41-2031 | Retail Salespersons | 50,850 | 55,850 | 5,000 | 9.8 | 2,260 | No formal educational credential | None | Short-term on-the-job training |
| 41-3011 | Advertising Sales Agents | 1,410 | 1,360 | -50 | -3.3 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-3021 | Insurance Sales Agents | 5,580 | 6,260 | 680 | 12.2 | 210 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-3031 | Sales Agents | 1,920 | 2,100 | 170 | 9.0 | 50 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-3041 | Travel Agents | 380 | 360 | -20 | -4.2 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-3099 | Sales Representatives, Services, All Other | 7,160 | 7,690 | 530 | 7.4 | 210 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 5,750 | 6,360 | 610 | 10.6 | 180 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 12,060 | 13,280 | 1,220 | 10.1 | 370 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-9011 | Demonstrators and Product Promoters | 530 | 630 | 100 | 17.8 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-9021 | Real Estate Brokers | 1,230 | 1,290 | 60 | 4.8 | 20 | High school diploma or equivalent | Less than 5 years | None |
| 41-9022 | Real Estate Sales Agents | 6,670 | 6,980 | 310 | 4.7 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-9031 | Sales Engineers | 350 | 400 | 50 | 15.6 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-9041 | Telemarketers | 4,900 | 4,720 | -190 | -3.9 | 90 | No formal educational credential | None | Short-term on-the-job training |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 20,140 | 22,080 | 1,940 | 9.6 | 500 | High school diploma or equivalent | Less than 5 years | None |
| 43-2011 | Switchboard Operators, Including Answering Service | 1,440 | 970 | -470 | -32.8 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 43-3011 | Bill and Account Collectors | 5,120 | 4,990 | -130 | -2.5 | 130 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3021 | Billing and Posting Clerks | 4,650 | 5,250 | 600 | 13.0 | 160 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 27,790 | 26,360 | -1,430 | -5.2 | 270 | Some college, no degree | None | Moderate-term on-the-job training |
| 43-3041 | Gaming Cage Workers | 1,320 | 1,570 | 250 | 19.2 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-3051 | Payroll and Timekeeping Clerks | 2,950 | 2,960 | 10 | 0.2 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3061 | Procurement Clerks | 1,440 | 1,380 | -60 | -4.0 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3071 | Tellers | 7,490 | 6,990 | -500 | -6.7 | 290 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-3099 | Financial Clerks, All Other | 180 | 200 | 30 | 14.0 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4011 | Brokerage Clerks | 340 | 370 | 30 | 9.4 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4031 | Court, Municipal, and License Clerks | 2,060 | 2,310 | 260 | 12.6 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 380 | 360 | -20 | -4.0 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4051 | Customer Service Representatives | 29,890 | 33,550 | 3,660 | 12.3 | 1,100 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4061 | Eligibility Interviewers, Government Programs | 310 | 350 | 40 | 12.2 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4071 | File Clerks | 1,880 | 1,790 | -90 | -4.9 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 3,220 | 3,470 | 250 | 7.7 | 190 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4111 | Interviewers, Except Eligibility and Loan | 830 | 860 | 30 | 3.5 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4121 | Library Assistants, Clerical | 1,240 | 1,370 | 130 | 10.3 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4131 | Loan Interviewers and Clerks | 3,380 | 3,690 | 310 | 9.2 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4141 | New Accounts Clerks | 1,180 | 1,090 | -90 | -7.5 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4151 | Order Clerks | 1,990 | 1,930 | -60 | -2.9 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | 1,800 | 1,780 | -20 | -0.9 | 20 | Associate's degree | None | None |
| 43-4171 | Receptionists and Information Clerks | 9,640 | 10,070 | 430 | 4.5 | 300 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4199 | Information and Record Clerks, All Other | 1,720 | 1,750 | 30 | 1.9 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5011 | Cargo and Freight Agents | 270 | 280 | 10 | 1.8 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5021 | Couriers and Messengers | 930 | 1,010 | 80 | 9.1 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 1,860 | 1,940 | 80 | 4.3 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 2,530 | 2,770 | 240 | 9.6 | 90 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5041 | Meter Readers, Utilities | 1,120 | 1,010 | -110 | -10.0 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5051 | Postal Service Clerks | 880 | 700 | -180 | -20.5 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5052 | Postal Service Mail Carriers | 3,590 | 2,850 | -740 | -20.6 | 70 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 920 | 660 | -260 | -28.7 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5061 | Production, Planning, and Expediting Clerks | 4,720 | 5,120 | 400 | 8.5 | 170 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 6,630 | 6,780 | 160 | 2.4 | 160 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5081 | Stock Clerks and Order Fillers | 19,100 | 20,490 | 1,390 | 7.3 | 750 | No formal educational credential | None | Short-term on-the-job training |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 690 | 730 | 40 | 5.2 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 8,820 | 8,470 | -350 | -4.0 | 90 | High school diploma or equivalent | Less than 5 years | None |
| 43-6012 | Legal Secretaries | 1,750 | 1,730 | -20 | -1.3 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-6013 | Medical Secretaries | 7,970 | 9,160 | 1,190 | 15.0 | 200 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 25,490 | 26,350 | 860 | 3.4 | 360 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9011 | Computer Operators | 690 | 570 | -110 | -16.5 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9021 | Data Entry Keyers | 2,300 | 2,260 | -40 | -1.6 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9022 | Word Processors and Typists | 340 | 290 | -50 | -15.4 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 43-9031 | Desktop Publishers | 120 | 100 | -20 | -18.9 | 0 | Associate's degree | None | Short-term on-the-job training |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 4,170 | 4,530 | 370 | 8.9 | 140 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9051 | Postal Service | 840 | 690 | -150 | -17.5 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9061 | Office Clerks, General | 41,800 | 43,770 | 1,970 | 4.7 | 1,100 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9071 | Office Machine Operators, Except Computer | 580 | 490 | -90 | -15.7 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9081 | Proofreaders and Copy Markers | 60 | 60 | 0 | 0.0 | 0 | Bachelor's degree | None | None |
| 43-9199 | Office and Administrative Support Workers, All Other | 840 | 900 | 50 | 6.3 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 45-2011 | Agricultural Inspectors | 340 | 360 | 20 | 4.7 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 45-2041 | Graders and Sorters, Agricultural Products | 480 | 430 | -50 | -10.4 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 45-2091 | Agricultural Equipment Operators | 600 | 620 | 20 | 3.2 | 20 | No formal educational credential | None | Short-term on-the-job training |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 2,920 | 2,500 | -430 | -14.7 | 80 | No formal educational credential | None | Short-term on-the-job training |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 5,860 | 5,750 | -100 | -1.7 | 160 | No formal educational credential | None | Short-term on-the-job training |
| 45-4011 | Forest and Conservation Workers | 160 | 170 | 10 | 5.0 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 45-4022 | Logging Equipment Operators | 440 | 470 | 30 | 7.1 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | 9,160 | 10,400 | 1,240 | 13.5 | 200 | High school diploma or equivalent | 5 years or more | None |
| 47-2011 | Boilermakers | 170 | 200 | 30 | 17.2 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 47-2021 | Brickmasons and Blockmasons | 830 | 990 | 170 | 20.2 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-2022 | Stonemasons | 110 | 120 | 20 | 14.3 | 0 | High school diploma or equivalent | None | Apprenticeship |
| 47-2031 | Carpenters | 6,890 | 7,440 | 550 | 8.0 | 130 | High school diploma or equivalent | None | Apprenticeship |
| 47-2041 | Carpet Installers | 250 | 260 | 10 | 2.8 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 47-2042 | Floor Layers, Except Carpet, Wood, and Hard Tiles | 160 | 180 | 30 | 15.7 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2044 | Tile and Marble Setters | 500 | 540 | 40 | 7.4 | 10 | No formal educational credential | None | Long-term on-the-job training |
| 47-2051 | Cement Masons and Concrete Finishers | 2,650 | 3,010 | 360 | 13.7 | 70 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2061 | Construction Laborers | 16,570 | 18,940 | 2,370 | 14.3 | 570 | No formal educational credential | None | Short-term on-the-job training |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | 1,490 | 1,680 | 190 | 12.7 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2073 | Operating Engineers and Other Construction Equipment Operators | 6,600 | 7,490 | 890 | 13.4 | 200 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2081 | Drywall and Ceiling Tile Installers | 810 | 850 | 40 | 5.3 | 10 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2082 | Tapers | 70 | 70 | 10 | 7.6 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2111 | Electricians | 6,620 | 7,670 | 1,050 | 15.9 | 210 | High school diploma or equivalent | None | Apprenticeship |
| 47-2121 | Glaziers | 420 | 450 | 20 | 5.0 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 480 | 510 | 30 | 6.2 | 20 | No formal educational credential | None | Short-term on-the-job training |
| 47-2132 | Insulation Workers, Mechanical | 260 | 310 | 50 | 20.0 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 47-2141 | Painters, Construction and Maintenance | 3,880 | 4,160 | 280 | 7.3 | 90 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2151 | Pipelayers | 840 | 980 | 140 | 17.1 | 30 | No formal educational credential | None | Short-term on-the-job training |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 6,050 | 6,910 | 860 | 14.3 | 170 | High school diploma or equivalent | None | Apprenticeship |
| 47-2161 | Plasterers and Stucco Masons | 160 | 170 | 10 | 7.6 | 0 | No formal educational credential | None | Long-term on-the-job training |
| 47-2171 | Reinforcing Iron and Rebar Workers | 150 | 190 | 30 | 22.4 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 47-2181 | Roofers | 1,780 | 2,020 | 230 | 13.0 | 50 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-2211 | Sheet Metal Workers | 4,010 | 4,340 | 330 | 8.2 | 120 | High school diploma or equivalent | None | Apprenticeship |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|-------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 47-2221 | Structural Iron and Steel Workers | 610 | 660 | 60 | 9.2 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-3011 | Helpers--Brickmasons, Blockmasons, | | | | | | | | |
| | Stonemasons, and Tile and Marble Setters | 290 | 350 | 60 | 22.2 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 47-3012 | Helpers--Carpenters | 970 | 1,050 | 80 | 8.3 | 20 | No formal educational credential | None | Short-term on-the-job training |
| 47-3013 | Helpers--Electricians | 1,860 | 2,190 | 330 | 18.0 | 60 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and | | | | | | | | |
| | Steamfitters | 1,630 | 1,870 | 240 | 14.5 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-3019 | Helpers, Construction Trades, All Other | 260 | 310 | 60 | 21.2 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 47-4011 | Construction and Building Inspectors | 1,060 | 1,200 | 140 | 13.3 | 40 | High school diploma or equivalent | 5 years or more | Moderate-term on-the-job training |
| 47-4031 | Fence Erectors | 130 | 140 | 10 | 9.2 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-4041 | Hazardous Materials Removal Workers | 260 | 300 | 40 | 16.0 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4051 | Highway Maintenance Workers | 2,290 | 2,650 | 370 | 16.0 | 100 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 600 | 730 | 130 | 21.5 | 30 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-4099 | Construction and Related Workers, All Other | 70 | 70 | 0 | 6.0 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5011 | Derrick Operators, Oil and Gas | 2,120 | 2,540 | 420 | 19.6 | 110 | No formal educational credential | None | Short-term on-the-job training |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 3,100 | 3,660 | 570 | 18.3 | 160 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 4,400 | 4,960 | 560 | 12.7 | 210 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-5021 | Earth Drillers, Except Oil and Gas | 500 | 590 | 90 | 17.9 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, | | | | | | | | |
| | and Blasters | 530 | 550 | 20 | 2.8 | 10 | High school diploma or equivalent | Less than 5 years | Long-term on-the-job training |
| 47-5041 | Continuous Mining Machine Operators | 130 | 120 | -10 | -4.0 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-5051 | Rock Splitters, Quarry | 170 | 180 | 10 | 7.8 | 0 | No formal educational credential | None | Short-term on-the-job training |
| 47-5071 | Roustabouts, Oil and Gas | 5,580 | 6,300 | 720 | 12.9 | 180 | No formal educational credential | None | Moderate-term on-the-job training |
| 47-5081 | Helpers--Extraction Workers | 1,260 | 1,510 | 250 | 19.7 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, | | | | | | | | |
| | and Repairers | 6,180 | 6,770 | 580 | 9.4 | 180 | High school diploma or equivalent | Less than 5 years | None |
| 49-2011 | Computer, Automated Teller, and Office Machine | | | | | | | | |
| | Repairers | 1,320 | 1,360 | 40 | 2.7 | 30 | Some college, no degree | None | Short-term on-the-job training |
| 49-2021 | Radio, Cellular, and Tower Equipment Installers | | | | | | | | |
| | and Repairs | 150 | 170 | 20 | 13.7 | 0 | Associate's degree | None | Moderate-term on-the-job training |
| 49-2022 | Telecommunications Equipment Installers and | | | | | | | | |
| | Repairers, Except Line Installers | 1,970 | 2,050 | 80 | 4.1 | 30 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 49-2091 | Avionics Technicians | 550 | 560 | 10 | 2.6 | 10 | Associate's degree | None | None |
| 49-2092 | Electric Motor, Power Tool, and Related | | | | | | | | |
| | Repairers | 160 | 160 | 10 | 5.2 | 10 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2094 | Electrical and Electronics Repairers, Commercial | | | | | | | | |
| | and Industrial Equipment | 1,170 | 1,230 | 50 | 4.6 | 30 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2095 | Electrical and Electronics Repairers, Powerhouse, | | | | | | | | |
| | Substation, and Relay | 200 | 210 | 10 | 4.0 | 0 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2097 | Electronic Home Entertainment Equipment | | | | | | | | |
| | Installers and Repairers | 340 | 370 | 40 | 10.3 | 10 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 49-2098 | Security and Fire Alarm Systems Installers | 800 | 960 | 160 | 20.1 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3011 | Aircraft Mechanics and Service Technicians | 3,790 | 3,890 | 100 | 2.5 | 100 | Postsecondary non-degree award | None | None |
| 49-3021 | Automotive Body and Related Repairers | 1,710 | 1,860 | 160 | 9.3 | 60 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3022 | Automotive Glass Installers and Repairers | 320 | 350 | 30 | 8.6 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3023 | Automotive Service Technicians and Mechanics | 8,470 | 9,030 | 560 | 6.7 | 280 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine | | | | | | | | |
| | Specialists | 3,990 | 4,600 | 610 | 15.2 | 130 | High school diploma or equivalent | None | Long-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2014 | 2024 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 49-3041 | Farm Equipment Mechanics and Service Technicians | 630 | 690 | 60 | 9.7 | 20 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | 1,880 | 2,060 | 190 | 10.1 | 60 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3051 | Motorboat Mechanics and Service Technicians | 150 | 160 | 10 | 3.9 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3052 | Motorcycle Mechanics | 170 | 180 | 10 | 6.6 | 0 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | 440 | 490 | 40 | 10.0 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3092 | Recreational Vehicle Service Technicians | 190 | 200 | 10 | 3.6 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3093 | Tire Repairers and Changers | 2,040 | 2,110 | 70 | 3.6 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9011 | Mechanical Door Repairers | 380 | 420 | 40 | 11.7 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 820 | 870 | 50 | 6.5 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 4,200 | 4,860 | 660 | 15.8 | 130 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-9031 | Home Appliance Repairers | 450 | 460 | 0 | 0.2 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9041 | Industrial Machinery Mechanics | 5,190 | 6,770 | 1,580 | 30.5 | 290 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9043 | Maintenance Workers, Machinery | 2,180 | 2,650 | 460 | 21.3 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9044 | Millwrights | 200 | 250 | 50 | 24.6 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 49-9051 | Electrical Power-Line Installers and Repairers | 2,250 | 2,720 | 470 | 20.9 | 140 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,310 | 1,320 | 10 | 1.0 | 30 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9062 | Medical Equipment Repairers | 480 | 530 | 50 | 9.9 | 10 | Associate's degree | None | Moderate-term on-the-job training |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | 320 | 320 | 0 | 1.0 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9071 | Maintenance and Repair Workers, General | 16,760 | 18,120 | 1,350 | 8.1 | 570 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | 930 | 910 | -20 | -2.5 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9094 | Locksmiths and Safe Repairers | 240 | 220 | -20 | -8.5 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9095 | Manufactured Building and Mobile Home Installers | 150 | 110 | -40 | -26.0 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9096 | Riggers | 530 | 620 | 90 | 17.5 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9097 | Signal and Track Switch Repairers | 80 | 80 | 0 | 0.0 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | 2,820 | 3,190 | 370 | 13.1 | 130 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | 1,090 | 1,150 | 70 | 6.0 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | 8,370 | 9,150 | 780 | 9.3 | 210 | High school diploma or equivalent | Less than 5 years | None |
| 51-2011 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | 1,440 | 1,550 | 110 | 7.8 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2021 | Coil Winders, Tapers, and Finishers | 170 | 180 | 10 | 2.9 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,720 | 1,810 | 90 | 5.5 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2023 | Electromechanical Equipment Assemblers | 1,500 | 1,670 | 170 | 11.3 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2031 | Engine and Other Machine Assemblers | 930 | 1,110 | 180 | 19.4 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,700 | 2,010 | 320 | 18.7 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2092 | Team Assemblers | 10,590 | 11,610 | 1,020 | 9.7 | 330 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 51-2099 | Assemblers and Fabricators, All Other | 1,030 | 1,150 | 120 | 11.7 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-3011 | Bakers | 1,970 | 2,210 | 240 | 12.0 | 70 | No formal educational credential | None | Long-term on-the-job training |
| 51-3021 | Butchers and Meat Cutters | 1,510 | 1,590 | 80 | 5.5 | 40 | No formal educational credential | None | Long-term on-the-job training |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 1,080 | 1,120 | 40 | 4.1 | 30 | No formal educational credential | None | Short-term on-the-job training |
| 51-3023 | Slaughterers and Meat Packers | 2,070 | 2,210 | 130 | 6.4 | 50 | No formal educational credential | None | Short-term on-the-job training |
| | Food and Tobacco Roasting, Baking, and Drying | | | | | | | | |
| 51-3091 | Machine Operators and Tenders | 150 | 160 | 10 | 7.3 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-3092 | Food Batchmakers | 980 | 1,020 | 40 | 4.5 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-3093 | Food Cooking Machine Operators and Tenders | 780 | 820 | 40 | 5.2 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-3099 | Food Processing Workers, All Other | 460 | 540 | 80 | 17.1 | 20 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-4011 | Computer-Controlled Machine Tool Operators, Metal and Plastic | 2,820 | 3,880 | 1,050 | 37.3 | 190 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 210 | 280 | 80 | 38.1 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 480 | 430 | -50 | -10.5 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4022 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic | 130 | 120 | -10 | -6.3 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4023 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 800 | 750 | -50 | -6.5 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,910 | 2,640 | -270 | -9.3 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 630 | 590 | -40 | -5.8 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 890 | 800 | -80 | -9.4 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 790 | 760 | -40 | -4.8 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | 260 | 240 | -20 | -7.7 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4041 | Machinists | 7,100 | 8,750 | 1,650 | 23.3 | 370 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | 90 | 100 | 10 | 14.8 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4052 | Pourers and Casters, Metal | 100 | 90 | -10 | -11.3 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4062 | Patternmakers, Metal and Plastic | 70 | 60 | -10 | -14.1 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4071 | Foundry Mold and Coremakers | 260 | 220 | -40 | -13.5 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 920 | 780 | -140 | -15.5 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,980 | 2,240 | 260 | 13.3 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4111 | Tool and Die Makers | 510 | 500 | -10 | -1.2 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 11,370 | 13,170 | 1,810 | 15.9 | 510 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 1,000 | 950 | -50 | -5.0 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|-------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 300 | 280 | -20 | -6.6 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4192 | Layout Workers, Metal and Plastic | 70 | 50 | -10 | -18.5 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 630 | 600 | -30 | -4.8 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 210 | 190 | -20 | -7.7 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4199 | Metal Workers and Plastic Workers, All Other | 190 | 160 | -20 | -12.8 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-5111 | Prepress Technicians and Workers | 250 | 190 | -70 | -26.2 | 0 | Postsecondary non-degree award | None | None |
| 51-5112 | Printing Press Operators | 1,050 | 920 | -130 | -12.4 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-5113 | Print Binding and Finishing Workers | 250 | 220 | -30 | -12.5 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-6011 | Laundry and Dry-Cleaning Workers | 2,890 | 2,920 | 40 | 1.2 | 50 | No formal educational credential | None | Short-term on-the-job training |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 490 | 470 | -20 | -4.5 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 51-6031 | Sewing Machine Operators | 1,120 | 1,090 | -40 | -3.5 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 51-6041 | Shoe and Leather Workers and Repairers | 120 | 110 | -20 | -13.8 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-6051 | Sewers, Hand | 80 | 80 | 0 | -2.5 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 270 | 260 | 0 | -0.8 | 10 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | 120 | 120 | 0 | -0.9 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 190 | 180 | 0 | -1.6 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-6093 | Upholsterers | 530 | 550 | 20 | 4.4 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-7011 | Cabinetmakers and Bench Carpenters | 970 | 1,050 | 70 | 7.5 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | 260 | 310 | 50 | 18.6 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 470 | 490 | 20 | 3.4 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-7099 | Woodworkers, All Other | 160 | 160 | 0 | 1.3 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-8012 | Power Distributors and Dispatchers | 140 | 150 | 10 | 7.1 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8013 | Power Plant Operators | 510 | 540 | 40 | 7.3 | 20 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8021 | Stationary Engineers and Boiler Operators | 420 | 470 | 40 | 10.4 | 20 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | 1,860 | 2,180 | 320 | 17.1 | 80 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8091 | Chemical Plant and System Operators | 120 | 120 | 0 | 3.4 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 1,870 | 1,940 | 70 | 3.6 | 80 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 250 | 260 | 10 | 5.2 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | 540 | 560 | 10 | 2.4 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9022 | Grinding and Polishing Workers, Hand | 460 | 480 | 20 | 4.3 | 10 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | 970 | 1,010 | 40 | 3.8 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9031 | Cutters and Trimmers, Hand | 230 | 240 | 0 | 1.7 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 980 | 1,010 | 20 | 2.3 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|--|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2014 | 2024 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 2,180 | 2,020 | -170 | -7.6 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 500 | 490 | -10 | -2.2 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 6,960 | 7,860 | 900 | 13.0 | 270 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 190 | 170 | -20 | -12.6 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9081 | Dental Laboratory Technicians | 350 | 390 | 40 | 11.6 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9082 | Medical Appliance Technicians | 170 | 200 | 30 | 15.5 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9083 | Ophthalmic Laboratory Technicians | 300 | 340 | 40 | 12.7 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | 2,790 | 3,010 | 230 | 8.1 | 120 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9121 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 1,580 | 1,840 | 260 | 16.2 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9122 | Painters, Transportation Equipment | 810 | 900 | 90 | 10.6 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9123 | Painting, Coating, and Decorating Workers | 160 | 160 | 0 | -2.5 | 0 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-9151 | Photographic Process Workers and Processing Machine Operators | 390 | 260 | -130 | -32.8 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 300 | 330 | 30 | 8.2 | 10 | No formal educational credential | None | Moderate-term on-the-job training |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | 110 | 110 | 10 | 5.7 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | 870 | 870 | 0 | -0.2 | 30 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 920 | 980 | 60 | 6.9 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9198 | Helpers--Production Workers | 7,450 | 7,850 | 390 | 5.3 | 280 | No formal educational credential | None | Short-term on-the-job training |
| 53-1011 | Aircraft Cargo Handling Supervisors | 150 | 170 | 20 | 12.9 | 10 | High school diploma or equivalent | Less than 5 years | None |
| 53-1021 | First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | 2,630 | 2,910 | 280 | 10.5 | 110 | High school diploma or equivalent | Less than 5 years | None |
| 53-1031 | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators | 2,830 | 3,110 | 280 | 9.9 | 120 | High school diploma or equivalent | Less than 5 years | None |
| 53-2012 | Commercial Pilots | 400 | 440 | 40 | 11.1 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-2021 | Air Traffic Controllers | 290 | 290 | 0 | 0.0 | 10 | Associate's degree | None | Long-term on-the-job training |
| 53-2022 | Airfield Operations Specialists | 120 | 130 | 10 | 4.1 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 53-3021 | Bus Drivers, Transit and Intercity | 1,320 | 1,520 | 200 | 14.8 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-3022 | Bus Drivers, School or Special Client | 4,340 | 4,430 | 90 | 2.0 | 70 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-3031 | Driver/Sales Workers | 5,590 | 5,950 | 370 | 6.6 | 130 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 26,910 | 29,590 | 2,680 | 10.0 | 730 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 53-3033 | Light Truck or Delivery Services Drivers | 8,920 | 9,650 | 740 | 8.3 | 230 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-3041 | Taxi Drivers and Chauffeurs | 1,600 | 1,880 | 290 | 18.0 | 60 | No formal educational credential | None | Short-term on-the-job training |
| 53-4011 | Locomotive Engineers | 430 | 430 | 0 | -0.2 | 20 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 53-4021 | Railroad Brake, Signal, and Switch Operators | 240 | 240 | 0 | 1.3 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-4031 | Railroad Conductors and Yardmasters | 440 | 440 | 0 | -0.2 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-6021 | Parking Lot Attendants | 610 | 670 | 60 | 9.6 | 40 | No formal educational credential | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2014 and projected 2024

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2014 | 2024 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 53-6031 | Automotive and Watercraft Service Attendants | 1,000 | 1,140 | 140 | 14.3 | 50 | No formal educational credential | None | Short-term on-the-job training |
| 53-6041 | Traffic Technicians | 50 | 60 | 10 | 13.0 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-6051 | Transportation Inspectors | 370 | 380 | 10 | 2.5 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 190 | 200 | 10 | 5.3 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-6099 | Transportation Workers, All Other | 280 | 270 | -10 | -2.9 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-7011 | Conveyor Operators and Tenders | 690 | 720 | 30 | 3.8 | 20 | No formal educational credential | None | Short-term on-the-job training |
| 53-7021 | Crane and Tower Operators | 660 | 770 | 100 | 15.7 | 30 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 53-7032 | Excavating and Loading Machine and Dragline Loading Machine Operators, Underground | 1,020 | 1,130 | 110 | 10.8 | 20 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 53-7033 | Mining | 60 | 60 | 0 | 0.0 | 0 | No formal educational credential | None | Short-term on-the-job training |
| 53-7051 | Industrial Truck and Tractor Operators | 6,360 | 7,280 | 920 | 14.5 | 250 | No formal educational credential | None | Short-term on-the-job training |
| 53-7061 | Cleaners of Vehicles and Equipment | 4,240 | 4,660 | 430 | 10.1 | 190 | No formal educational credential | None | Short-term on-the-job training |
| 53-7062 | Laborers and Freight, Stock, and Material | 28,960 | 31,200 | 2,240 | 7.7 | 1,090 | No formal educational credential | None | Short-term on-the-job training |
| 53-7064 | Packers and Packagers, Hand | 4,460 | 4,770 | 310 | 7.0 | 150 | No formal educational credential | None | Short-term on-the-job training |
| 53-7071 | Gas Compressor and Gas Pumping Station | 490 | 540 | 50 | 10.6 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-7072 | Pump Operators, Except Wellhead Pumpers | 740 | 800 | 70 | 8.8 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-7073 | Wellhead Pumpers | 1,150 | 1,370 | 220 | 19.3 | 80 | High school diploma or equivalent | Less than 5 years | Moderate-term on-the-job training |
| 53-7081 | Refuse and Recyclable Material Collectors | 1,410 | 1,610 | 210 | 14.7 | 60 | No formal educational credential | None | Short-term on-the-job training |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 170 | 180 | 10 | 5.3 | 10 | No formal educational credential | None | Short-term on-the-job training |
| 53-7199 | Material Moving Workers, All Other | 60 | 60 | 0 | 3.2 | 0 | No formal educational credential | None | Short-term on-the-job training |

Footnotes:

¹Represents the typical education level needed to enter the occupation.

²Indicates if work experience in a related occupation is commonly considered necessary by employers for entry, or is a commonly accepted substitute for formal types of training.

³Indicates the typical on-the-job training needed to attain competency in the occupation.

NOTE: For more information about the education, work experience, and on-the-job training categories assigned to occupations, see www.bls.gov/emp/ep_education_training_system.htm

Source: Employment Projections program, Oklahoma Employment Security Commission, Research & Analysis Division.