

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|----------------|--|------------------|------------------|-------------------|--------------|----------------|--|--|--|
| Code | Title | 2010 | 2020 | 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 | 1,662,220 | 1,896,770 | 234,550 | 14.11 | 63,280 | | | |
| 11-1011 | Chief Executives | 7,210 | 7,470 | 250 | 3.51 | 210 | Bachelor's degree | More than 5 years | None |
| 11-1021 | General and Operations Managers | 28,710 | 29,420 | 710 | 2.46 | 610 | Associate's degree | 1 to 5 years | None |
| 11-1031 | Legislators | 880 | 930 | 50 | 5.66 | 30 | Bachelor's degree | 1 to 5 years | None |
| 11-2011 | Advertising and Promotions Managers | 300 | 330 | 30 | 9.06 | 10 | Bachelor's degree | 1 to 5 years | None |
| 11-2021 | Marketing Managers | 1,590 | 1,800 | 210 | 13.40 | 70 | Bachelor's degree | 1 to 5 years | None |
| 11-2022 | Sales Managers | 3,140 | 3,470 | 340 | 10.68 | 130 | Bachelor's degree | 1 to 5 years | None |
| 11-2031 | Public Relations and Fundraising Managers | 590 | 670 | 80 | 12.90 | 30 | Bachelor's degree | 1 to 5 years | None |
| 11-3011 | Administrative Services Managers | 4,110 | 4,680 | 560 | 13.72 | 160 | High school diploma or equivalent | 1 to 5 years | None |
| 11-3021 | Computer and Information Systems Managers | 2,330 | 2,690 | 360 | 15.43 | 70 | Bachelor's degree | More than 5 years | None |
| 11-3031 | Financial Managers | 5,450 | 6,000 | 550 | 10.09 | 160 | Bachelor's degree | More than 5 years | None |
| 11-3051 | Industrial Production Managers | 2,070 | 2,470 | 400 | 19.41 | 90 | Bachelor's degree | 1 to 5 years | None |
| 11-3061 | Purchasing Managers | 700 | 780 | 70 | 10.53 | 30 | Bachelor's degree | More than 5 years | None |
| 11-3071 | Transportation, Storage, and Distribution Managers | 1,070 | 1,150 | 90 | 8.36 | 40 | High school diploma or equivalent | More than 5 years | None |
| 11-3111 | Compensation and Benefits Managers | 630 | 650 | 20 | 3.03 | 20 | Bachelor's degree | 1 to 5 years | None |
| 11-3121 | Human Resources Managers | 1,050 | 1,210 | 160 | 15.41 | 40 | Bachelor's degree | 1 to 5 years | None |
| 11-3131 | Training and Development Managers | 490 | 560 | 70 | 14.31 | 20 | Bachelor's degree | 1 to 5 years | None |
| 11-9021 | Construction Managers | 5,350 | 5,710 | 360 | 6.77 | 70 | Associate's degree | More than 5 years | None |
| 11-9031 | Center/Program | 910 | 1,160 | 250 | 27.55 | 50 | Bachelor's degree | 1 to 5 years | None |
| 11-9032 | Secondary School | 2,970 | 3,440 | 480 | 16.02 | 130 | Master's degree | 1 to 5 years | None |
| 11-9033 | Education Administrators, Postsecondary | 980 | 1,100 | 130 | 12.79 | 40 | Master's degree | 1 to 5 years | None |
| 11-9039 | Education Administrators, All Other | 200 | 210 | 20 | 8.63 | 10 | Bachelor's degree | 1 to 5 years | None |
| 11-9041 | Architectural and Engineering Managers | 2,530 | 2,840 | 310 | 12.12 | 80 | Bachelor's degree | More than 5 years | None |
| 11-9051 | Food Service Managers | 3,660 | 3,640 | -20 | -0.55 | 70 | High school diploma or equivalent | 1 to 5 years | None |
| 11-9081 | Lodging Managers | 740 | 820 | 80 | 10.51 | 30 | High school diploma or equivalent | 1 to 5 years | None |
| 11-9111 | Medical and Health Services Managers | 5,240 | 6,460 | 1,230 | 23.41 | 250 | Bachelor's degree | None | None |
| 11-9121 | Natural Sciences Managers | 320 | 360 | 50 | 14.56 | 20 | Bachelor's degree | More than 5 years | None |
| 11-9131 | Postmasters and Mail Superintendents | 550 | 390 | -160 | -29.36 | 10 | High school diploma or equivalent | 1 to 5 years | Moderate-term on-the-job training |
| 11-9141 | Managers | 6,140 | 6,400 | 260 | 4.15 | 160 | High school diploma or equivalent | 1 to 5 years | None |
| 11-9151 | Social and Community Service Managers | 1,610 | 1,930 | 330 | 20.30 | 70 | Bachelor's degree | 1 to 5 years | None |
| 11-9161 | Emergency Management Directors | 240 | 280 | 40 | 17.84 | 10 | Bachelor's degree | 1 to 5 years | Long-term on-the-job training |
| 11-9199 | Managers, All Other | 2,770 | 2,910 | 150 | 5.24 | 80 | High school diploma or equivalent | 1 to 5 years | None |
| 13-1021 | Buyers and Purchasing Agents, Farm Products | 200 | 200 | 10 | 3.05 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 13-1022 | Wholesale and Retail Buyers, Except Farm Products | 1,150 | 1,240 | 90 | 7.67 | 40 | High school diploma or equivalent | None | Long-term on-the-job training |
| 13-1023 | Farm Products | 3,610 | 3,990 | 380 | 10.43 | 140 | High school diploma or equivalent | None | Long-term on-the-job training |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 4,870 | 5,090 | 220 | 4.41 | 150 | High school diploma or equivalent | None | Long-term on-the-job training |
| 13-1041 | Compliance Officers | 2,340 | 2,820 | 480 | 20.49 | 80 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-1051 | Cost Estimators | 1,750 | 2,130 | 390 | 22.12 | 70 | Bachelor's degree | None | None |
| 13-1078 | Specialists, All Other | 3,930 | 4,830 | 910 | 23.03 | 160 | Bachelor's degree | None | None |
| 13-1081 | Logisticians | 2,210 | 2,660 | 450 | 20.41 | 90 | Bachelor's degree | 1 to 5 years | None |
| 13-1111 | Management Analysts | 5,120 | 5,840 | 720 | 13.96 | 160 | Bachelor's degree | 1 to 5 years | None |
| 13-1121 | Meeting, Convention, and Event Planners | 810 | 1,150 | 340 | 42.57 | 50 | Bachelor's degree | Less than 1 year | None |
| 13-1141 | Specialists | 1,460 | 1,670 | 210 | 14.42 | 50 | Bachelor's degree | None | None |
| 13-1151 | Training and Development Specialists | 3,580 | 4,640 | 1,060 | 29.51 | 170 | Bachelor's degree | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2010 | 2020 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 13-1161 | Market Research Analysts and Marketing Specialists | 1,850 | 2,530 | 670 | 36.25 | 120 | Bachelor's degree | None | None |
| 13-1199 | Business Operations Specialists, All Other | 6,480 | 7,230 | 750 | 11.58 | 200 | High school diploma or equivalent | Less than 1 year | Long-term on-the-job training |
| 13-2011 | Accountants and Auditors | 15,640 | 18,150 | 2,510 | 16.03 | 590 | Bachelor's degree | None | None |
| 13-2021 | Appraisers and Assessors of Real Estate | 1,200 | 1,330 | 130 | 10.58 | 40 | High school diploma or equivalent | None | Apprenticeship |
| 13-2031 | Budget Analysts | 780 | 890 | 110 | 14.23 | 30 | Bachelor's degree | None | None |
| 13-2041 | Credit Analysts | 590 | 690 | 90 | 15.82 | 20 | Bachelor's degree | None | None |
| 13-2051 | Financial Analysts | 1,220 | 1,400 | 180 | 14.40 | 40 | Bachelor's degree | None | None |
| 13-2052 | Personal Financial Advisors | 770 | 970 | 190 | 24.68 | 30 | Bachelor's degree | None | None |
| 13-2053 | Insurance Underwriters | 1,660 | 1,770 | 110 | 6.87 | 70 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2061 | Financial Examiners | 280 | 350 | 80 | 26.98 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2071 | Credit Counselors | 1,140 | 1,310 | 170 | 14.72 | 50 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2072 | Loan Officers | 5,150 | 6,210 | 1,060 | 20.55 | 240 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 850 | 970 | 120 | 14.47 | 30 | Bachelor's degree | None | Moderate-term on-the-job training |
| 13-2082 | Tax Preparers | 1,040 | 1,170 | 140 | 13.13 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 13-2099 | Financial Specialists, All Other | 410 | 430 | 20 | 5.61 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 15-1111 | Computer and Information Research Scientists | 170 | 200 | 20 | 12.07 | 10 | Doctoral or professional degree | None | None |
| 15-1121 | Computer Systems Analysts | 3,120 | 3,590 | 470 | 14.90 | 100 | Bachelor's degree | None | None |
| 15-1131 | Computer Programmers | 3,090 | 3,210 | 120 | 3.95 | 80 | Bachelor's degree | None | None |
| 15-1132 | Software Developers, Applications | 2,640 | 3,100 | 460 | 17.54 | 70 | Bachelor's degree | None | None |
| 15-1133 | Software Developers, Systems Software | 1,440 | 1,760 | 320 | 22.07 | 50 | Bachelor's degree | None | None |
| 15-1141 | Database Administrators | 940 | 1,170 | 230 | 24.81 | 40 | Bachelor's degree | 1 to 5 years | None |
| 15-1142 | Network and Computer Systems Administrators | 2,680 | 3,320 | 640 | 23.79 | 110 | Bachelor's degree | None | None |
| 15-1150 | Computer Support Specialists | 5,900 | 6,710 | 810 | 13.74 | 240 | Some college, no degree | None | Moderate-term on-the-job training |
| 15-1179 | Computer Network Architects | 1,910 | 2,180 | 270 | 14.11 | 60 | Bachelor's degree | 1 to 5 years | None |
| 15-1799 | Computer Occupations, All Other | 1,340 | 1,380 | 40 | 2.77 | 30 | Bachelor's degree | None | None |
| 15-2031 | Operations Research Analysts | 470 | 520 | 60 | 11.75 | 20 | Bachelor's degree | None | None |
| 15-2041 | Statisticians | 380 | 440 | 50 | 13.87 | 30 | Master's degree | None | None |
| 17-1011 | Architects, Except Landscape and Naval | 660 | 770 | 110 | 17.35 | 20 | Bachelor's degree | None | Internship/residency |
| 17-1012 | Landscape Architects | 50 | 50 | 0 | 5.88 | 0 | Bachelor's degree | None | Internship/residency |
| 17-1021 | Cartographers and Photogrammetrists | 150 | 190 | 30 | 20.13 | 10 | Bachelor's degree | None | None |
| 17-1022 | Surveyors | 660 | 770 | 110 | 17.23 | 30 | Bachelor's degree | None | None |
| 17-2011 | Aerospace Engineers | 550 | 580 | 40 | 6.59 | 20 | Bachelor's degree | None | None |
| 17-2041 | Chemical Engineers | 270 | 300 | 30 | 10.37 | 10 | Bachelor's degree | None | None |
| 17-2051 | Civil Engineers | 2,130 | 2,430 | 300 | 14.25 | 70 | Bachelor's degree | None | None |
| 17-2061 | Computer Hardware Engineers | 260 | 270 | 10 | 5.43 | 10 | Bachelor's degree | None | None |
| 17-2071 | Electrical Engineers | 1,480 | 1,610 | 130 | 8.51 | 50 | Bachelor's degree | None | None |
| 17-2072 | Electronics Engineers, Except Computer | 1,630 | 1,680 | 50 | 3.31 | 40 | Bachelor's degree | None | None |
| 17-2081 | Environmental Engineers | 370 | 420 | 50 | 13.40 | 10 | Bachelor's degree | None | None |
| 17-2111 | Engineers and Inspectors | 420 | 460 | 40 | 9.95 | 10 | Bachelor's degree | None | None |
| 17-2112 | Industrial Engineers | 1,470 | 1,690 | 220 | 14.74 | 50 | Bachelor's degree | None | None |
| 17-2141 | Mechanical Engineers | 1,950 | 2,190 | 240 | 12.33 | 90 | Bachelor's degree | None | None |
| 17-2151 | Safety Engineers | 90 | 100 | 20 | 17.24 | 0 | Bachelor's degree | None | None |
| 17-2171 | Petroleum Engineers | 3,070 | 3,820 | 760 | 24.62 | 140 | Bachelor's degree | None | None |
| 17-2199 | Engineers, All Other | 1,190 | 1,310 | 120 | 10.18 | 40 | Bachelor's degree | None | None |
| 17-3011 | Architectural and Civil Drafters | 1,080 | 1,060 | -20 | -1.85 | 20 | Associate's degree | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|-------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 17-3012 | Electrical and Electronics Drafters | 350 | 360 | 10 | 4.02 | 10 | Associate's degree | None | None |
| 17-3013 | Mechanical Drafters | 1,110 | 1,260 | 150 | 13.77 | 40 | Associate's degree | None | None |
| 17-3019 | Drafters, All Other | 140 | 130 | -10 | -8.76 | 0 | Associate's degree | None | None |
| 17-3022 | Civil Engineering Technicians | 670 | 740 | 80 | 11.73 | 20 | Associate's degree | None | None |
| 17-3023 | Electrical and Electronics Engineering Technicians | 1,910 | 2,050 | 140 | 7.37 | 50 | Associate's degree | None | None |
| 17-3025 | Environmental Engineering Technicians | 390 | 450 | 60 | 16.10 | 10 | Associate's degree | None | None |
| 17-3026 | Industrial Engineering Technicians | 680 | 750 | 70 | 9.71 | 20 | Associate's degree | None | None |
| 17-3027 | Mechanical Engineering Technicians | 400 | 440 | 50 | 11.90 | 10 | Associate's degree | None | None |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 950 | 1,020 | 70 | 7.60 | 30 | Associate's degree | None | None |
| 17-3031 | Surveying and Mapping Technicians | 730 | 810 | 80 | 10.84 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 19-1012 | Food Scientists and Technologists | 140 | 160 | 20 | 12.14 | 10 | Bachelor's degree | None | None |
| 19-1013 | Soil and Plant Scientists | 160 | 180 | 20 | 12.96 | 10 | Bachelor's degree | None | None |
| 19-1021 | Biochemists and Biophysicists | 70 | 90 | 30 | 38.24 | 10 | Doctoral or professional degree | None | None |
| 19-1023 | Zoologists and Wildlife Biologists | 60 | 60 | 0 | 5.26 | 0 | Bachelor's degree | None | None |
| 19-1029 | Biological Scientists, All Other | 210 | 240 | 30 | 15.38 | 10 | Doctoral or professional degree | None | None |
| 19-1031 | Conservation Scientists | 280 | 310 | 30 | 10.75 | 10 | Bachelor's degree | None | None |
| 19-1032 | Foresters | 70 | 80 | 10 | 9.46 | 0 | Bachelor's degree | None | None |
| 19-2021 | Atmospheric and Space Scientists | 240 | 250 | 20 | 6.36 | 10 | Bachelor's degree | None | None |
| 19-2031 | Chemists | 480 | 530 | 50 | 10.12 | 20 | Bachelor's degree | None | None |
| 19-2041 | Health | 630 | 690 | 50 | 8.54 | 20 | Bachelor's degree | None | None |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 1,290 | 1,630 | 340 | 26.12 | 70 | Bachelor's degree | None | None |
| 19-2099 | Physical Scientists, All Other | 170 | 190 | 20 | 11.31 | 10 | Bachelor's degree | None | None |
| 19-3011 | Economists | 110 | 120 | 10 | 6.48 | 0 | Bachelor's degree | None | None |
| 19-3022 | Survey Researchers | 590 | 650 | 60 | 9.61 | 20 | Bachelor's degree | None | None |
| 19-3031 | Clinical, Counseling, and School Psychologists | 1,190 | 1,450 | 260 | 21.37 | 60 | Doctoral or professional degree | None | Internship/residency |
| 19-3039 | Psychologists, All Other | 190 | 230 | 40 | 20.21 | 10 | Master's degree | None | Internship/residency |
| 19-3051 | Urban and Regional Planners | 220 | 250 | 40 | 16.74 | 10 | Master's degree | None | None |
| 19-3093 | Historians | 110 | 130 | 20 | 15.74 | 10 | Master's degree | None | None |
| 19-3099 | Social Scientists and Related Workers, All Other | 180 | 210 | 30 | 15.22 | 10 | Bachelor's degree | None | None |
| 19-4011 | Agricultural and Food Science Technicians | 240 | 270 | 30 | 12.92 | 10 | Associate's degree | None | None |
| 19-4021 | Biological Technicians | 810 | 970 | 160 | 19.85 | 40 | Bachelor's degree | None | None |
| 19-4031 | Chemical Technicians | 420 | 480 | 60 | 13.24 | 10 | Associate's degree | None | Moderate-term on-the-job training |
| 19-4041 | Geological and Petroleum Technicians | 890 | 1,100 | 220 | 24.38 | 50 | Associate's degree | None | Moderate-term on-the-job training |
| 19-4091 | Including Health | 290 | 340 | 50 | 16.44 | 20 | Associate's degree | None | Moderate-term on-the-job training |
| 19-4092 | Forensic Science Technicians | 120 | 150 | 20 | 16.94 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 19-4093 | Forest and Conservation Technicians | 240 | 260 | 20 | 8.82 | 10 | Associate's degree | None | None |
| 19-4099 | Other | 310 | 330 | 20 | 5.14 | 20 | Associate's degree | None | Moderate-term on-the-job training |
| 21-1011 | Counselors | 1,160 | 1,450 | 290 | 25.24 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 21-1012 | Counselors | 3,090 | 3,680 | 600 | 19.38 | 130 | Master's degree | None | None |
| 21-1013 | Marriage and Family Therapists | 340 | 500 | 160 | 48.52 | 20 | Master's degree | None | Internship/residency |
| 21-1014 | Mental Health Counselors | 1,460 | 1,990 | 520 | 35.82 | 80 | Master's degree | None | Internship/residency |
| 21-1015 | Rehabilitation Counselors | 2,070 | 2,680 | 610 | 29.59 | 110 | Master's degree | None | None |
| 21-1019 | Counselors, All Other | 190 | 250 | 60 | 30.16 | 10 | Master's degree | None | None |
| 21-1021 | Child, Family, and School Social Workers | 4,960 | 5,600 | 630 | 12.73 | 180 | Bachelor's degree | None | None |
| 21-1022 | Healthcare Social Workers | 1,410 | 1,860 | 460 | 32.60 | 80 | Master's degree | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 21-1023 | Mental Health and Substance Abuse Social Workers | 1,210 | 1,570 | 350 | 29.08 | 60 | Bachelor's degree | None | None |
| 21-1029 | Social Workers, All Other | 940 | 1,090 | 150 | 16.01 | 40 | Bachelor's degree | None | None |
| 21-1091 | Health Educators | 1,060 | 1,410 | 340 | 32.17 | 60 | Bachelor's degree | None | None |
| 21-1092 | Specialists | 900 | 1,090 | 190 | 20.82 | 40 | Bachelor's degree | None | Short-term on-the-job training |
| 21-1093 | Social and Human Service Assistants | 3,160 | 3,750 | 590 | 18.68 | 130 | High school diploma or equivalent | None | Short-term on-the-job training |
| 21-1798 | Community and Social Service Specialists, All Other | 1,060 | 1,230 | 170 | 15.97 | 40 | Bachelor's degree | None | None |
| 21-2011 | Clergy | 550 | 670 | 120 | 21.09 | 20 | Bachelor's degree | None | Moderate-term on-the-job training |
| 23-1011 | Lawyers | 8,870 | 9,880 | 1,020 | 11.47 | 270 | Doctoral or professional degree | None | None |
| 23-1012 | Judicial Law Clerks | 410 | 450 | 40 | 9.56 | 10 | Doctoral or professional degree | None | None |
| 23-1021 | Hearing Officers | 230 | 240 | 10 | 3.43 | 10 | Bachelor's degree | 1 to 5 years | Moderate-term on-the-job training |
| 23-1022 | Arbitrators, Mediators, and Conciliators | 140 | 150 | 10 | 8.82 | 0 | Bachelor's degree | 1 to 5 years | Moderate-term on-the-job training |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 550 | 600 | 50 | 8.86 | 20 | Doctoral or professional degree | More than 5 years | Short-term on-the-job training |
| 23-2011 | Paralegals and Legal Assistants | 2,520 | 3,040 | 520 | 20.75 | 90 | Associate's degree | None | None |
| 23-2091 | Court Reporters | 380 | 430 | 50 | 14.13 | 10 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 980 | 1,030 | 50 | 5.13 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 23-2099 | Legal Support Workers, All Other | 230 | 240 | 10 | 3.48 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 25-1011 | Business Teachers, Postsecondary | 1,140 | 1,300 | 150 | 13.50 | 30 | Doctoral or professional degree | None | None |
| 25-1021 | Computer Science Teachers, Postsecondary | 380 | 420 | 40 | 9.47 | 10 | Doctoral or professional degree | None | None |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 1,090 | 1,190 | 100 | 9.57 | 30 | Master's degree | None | None |
| 25-1111 | Postsecondary | 150 | 170 | 20 | 9.87 | 0 | Doctoral or professional degree | None | None |
| 25-1112 | Law Teachers, Postsecondary | 130 | 140 | 20 | 14.40 | 0 | Doctoral or professional degree | None | None |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 990 | 1,110 | 120 | 12.59 | 30 | Doctoral or professional degree | None | None |
| 25-1122 | Communications Teachers, Postsecondary | 370 | 410 | 40 | 11.99 | 10 | Doctoral or professional degree | None | None |
| 25-1123 | Postsecondary | 700 | 780 | 80 | 10.97 | 20 | Doctoral or professional degree | None | None |
| 25-1124 | Postsecondary | 230 | 260 | 30 | 11.26 | 10 | Doctoral or professional degree | None | None |
| 25-1125 | History Teachers, Postsecondary | 300 | 330 | 30 | 11.41 | 10 | Doctoral or professional degree | None | None |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 280 | 330 | 50 | 17.92 | 10 | Doctoral or professional degree | None | None |
| 25-1191 | Graduate Teaching Assistants | 2,760 | 3,030 | 280 | 10.09 | 70 | Master's degree | None | None |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,060 | 1,230 | 170 | 15.60 | 30 | Bachelor's degree | 1 to 5 years | None |
| 25-1199 | Postsecondary Teachers, All Other | 1,380 | 1,560 | 180 | 13.09 | 40 | Master's degree | None | None |
| 25-2011 | Preschool Teachers, Except Special Education | 4,910 | 6,110 | 1,210 | 24.57 | 250 | Associate's degree | None | None |
| 25-2012 | Kindergarten Teachers, Except Special Education | 2,120 | 2,650 | 530 | 25.02 | 110 | Bachelor's degree | None | Internship/residency |
| 25-2021 | Education | 16,800 | 19,780 | 2,980 | 17.74 | 670 | Bachelor's degree | None | Internship/residency |
| 25-2022 | Career/Technical Education | 7,080 | 8,810 | 1,730 | 24.41 | 330 | Bachelor's degree | None | Internship/residency |
| 25-2023 | School | 220 | 250 | 40 | 16.13 | 10 | Bachelor's degree | 1 to 5 years | Internship/residency |
| 25-2031 | Career/Technical Education | 11,260 | 12,810 | 1,560 | 13.81 | 460 | Bachelor's degree | None | Internship/residency |
| 25-2032 | School | 1,020 | 1,090 | 80 | 7.48 | 40 | Bachelor's degree | 1 to 5 years | Internship/residency |
| 25-2041 | Kindergarten, and Elementary School | 2,070 | 2,670 | 600 | 28.93 | 120 | Bachelor's degree | None | Internship/residency |
| 25-2053 | Special Education Teachers, Middle School | 1,000 | 1,180 | 180 | 17.66 | 50 | Bachelor's degree | None | Internship/residency |
| 25-2054 | Special Education Teachers, Secondary School | 1,260 | 1,440 | 170 | 13.69 | 50 | Bachelor's degree | None | Internship/residency |
| 25-3011 | Teachers and Instructors | 1,070 | 1,210 | 140 | 13.07 | 30 | Bachelor's degree | None | Internship/residency |
| 25-3021 | Self-Enrichment Education Teachers | 1,690 | 1,870 | 180 | 10.46 | 40 | High school diploma or equivalent | 1 to 5 years | None |
| 25-3999 | Teachers and Instructors, All Other | 9,640 | 11,010 | 1,370 | 14.23 | 280 | Bachelor's degree | None | None |
| 25-4011 | Archivists | 100 | 110 | 10 | 10.42 | 0 | Bachelor's degree | None | None |
| 25-4012 | Curators | 90 | 110 | 20 | 21.28 | 10 | Master's degree | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 25-4013 | Museum Technicians and Conservators | 130 | 150 | 20 | 14.18 | 10 | Bachelor's degree | None | None |
| 25-4021 | Librarians | 2,210 | 2,440 | 230 | 10.27 | 80 | Master's degree | None | None |
| 25-4031 | Library Technicians | 2,090 | 2,340 | 260 | 12.33 | 120 | Postsecondary non-degree award | None | None |
| 25-9021 | Farm and Home Management Advisors | 210 | 230 | 20 | 9.39 | 10 | Master's degree | None | None |
| 25-9031 | Instructional Coordinators | 1,030 | 1,200 | 170 | 16.17 | 40 | Master's degree | More than 5 years | None |
| 25-9041 | Teacher Assistants | 12,140 | 14,430 | 2,300 | 18.91 | 500 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-1011 | Art Directors | 230 | 230 | 10 | 2.19 | 10 | Bachelor's degree | 1 to 5 years | None |
| 27-1013 | Illustrators | 90 | 90 | 0 | 4.60 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-1014 | Multi-Media Artists and Animators | 100 | 100 | 0 | 2.02 | 0 | Bachelor's degree | None | Moderate-term on-the-job training |
| 27-1021 | Commercial and Industrial Designers | 580 | 650 | 60 | 10.96 | 20 | Bachelor's degree | None | None |
| 27-1022 | Fashion Designers | 60 | 60 | 0 | -6.45 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-1023 | Floral Designers | 990 | 950 | -30 | -3.15 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-1024 | Graphic Designers | 1,970 | 2,140 | 180 | 9.01 | 80 | Bachelor's degree | None | None |
| 27-1025 | Interior Designers | 300 | 330 | 30 | 9.97 | 10 | Bachelor's degree | None | None |
| 27-1026 | Merchandise Displayers and Window Trimmers | 380 | 400 | 20 | 6.35 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 27-1027 | Set and Exhibit Designers | 120 | 130 | 10 | 8.06 | 10 | Bachelor's degree | None | None |
| 27-2012 | Producers and Directors | 680 | 710 | 20 | 3.37 | 20 | Bachelor's degree | 1 to 5 years | None |
| 27-2021 | Athletes and Sports Competitors | 50 | 70 | 10 | 20.37 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-2022 | Coaches and Scouts | 2,330 | 2,950 | 620 | 26.60 | 120 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-2023 | Umpires, Referees, and Other Sports Officials | 90 | 110 | 20 | 23.53 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-2032 | Choreographers | 60 | 60 | 0 | 7.27 | 0 | High school diploma or equivalent | More than 5 years | Long-term on-the-job training |
| 27-2041 | Music Directors and Composers | 550 | 610 | 60 | 10.14 | 20 | Bachelor's degree | 1 to 5 years | None |
| 27-2042 | Musicians and Singers | 240 | 250 | 20 | 7.23 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-3011 | Radio and Television Announcers | 660 | 630 | -30 | -4.40 | 20 | Bachelor's degree | None | None |
| 27-3012 | Public Address System and Other Announcers | 70 | 70 | 0 | 4.62 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-3021 | Broadcast News Analysts | 70 | 70 | 0 | -4.35 | 0 | Bachelor's degree | None | None |
| 27-3022 | Reporters and Correspondents | 630 | 530 | -100 | -15.97 | 20 | Bachelor's degree | None | None |
| 27-3031 | Public Relations Specialists | 2,910 | 3,370 | 460 | 15.92 | 120 | Bachelor's degree | None | Moderate-term on-the-job training |
| 27-3041 | Editors | 770 | 720 | -50 | -6.00 | 20 | Bachelor's degree | 1 to 5 years | None |
| 27-3042 | Technical Writers | 540 | 610 | 70 | 12.57 | 20 | Bachelor's degree | 1 to 5 years | Short-term on-the-job training |
| 27-3043 | Writers and Authors | 1,810 | 1,850 | 40 | 2.38 | 50 | Bachelor's degree | None | Long-term on-the-job training |
| 27-3091 | Interpreters and Translators | 270 | 360 | 90 | 33.96 | 20 | Bachelor's degree | None | Long-term on-the-job training |
| 27-3099 | Media and Communication Workers, All Other | 60 | 60 | 0 | 7.27 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 27-4011 | Audio and Video Equipment Technicians | 580 | 640 | 60 | 10.88 | 20 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 27-4012 | Broadcast Technicians | 380 | 380 | 0 | 0.26 | 10 | Associate's degree | None | Short-term on-the-job training |
| 27-4014 | Sound Engineering Technicians | 100 | 100 | -10 | -7.69 | 0 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 27-4021 | Photographers | 1,540 | 1,680 | 140 | 8.97 | 30 | High school diploma or equivalent | None | Long-term on-the-job training |
| 27-4031 | Picture | 330 | 310 | -20 | -5.76 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 27-4032 | Film and Video Editors | 360 | 360 | 0 | -1.11 | 10 | Bachelor's degree | 1 to 5 years | None |
| 27-4099 | Other | 70 | 70 | 0 | 1.52 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 29-1011 | Chiropractors | 740 | 900 | 160 | 20.83 | 30 | Doctoral or professional degree | None | None |
| 29-1021 | Dentists, General | 1,420 | 1,580 | 160 | 11.31 | 60 | Doctoral or professional degree | None | Internship/residency |
| 29-1031 | Dietitians and Nutritionists | 850 | 1,040 | 190 | 21.66 | 50 | Bachelor's degree | None | Internship/residency |
| 29-1041 | Optometrists | 640 | 780 | 140 | 21.62 | 40 | Doctoral or professional degree | None | None |
| 29-1051 | Pharmacists | 3,300 | 3,870 | 570 | 17.39 | 140 | Doctoral or professional degree | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 29-1061 | Anesthesiologists | 150 | 180 | 30 | 22.67 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1062 | Family and General Practitioners | 2,250 | 2,650 | 400 | 17.96 | 80 | Doctoral or professional degree | None | Internship/residency |
| 29-1063 | Internists, General | 1,100 | 1,300 | 200 | 18.23 | 40 | Doctoral or professional degree | None | Internship/residency |
| 29-1064 | Obstetricians and Gynecologists | 130 | 160 | 30 | 20.45 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1065 | Pediatricians, General | 230 | 270 | 40 | 19.11 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1066 | Psychiatrists | 310 | 380 | 70 | 21.36 | 10 | Doctoral or professional degree | None | Internship/residency |
| 29-1067 | Surgeons | 490 | 590 | 100 | 19.27 | 20 | Doctoral or professional degree | None | Internship/residency |
| 29-1069 | Physicians and Surgeons, All Other | 2,980 | 3,430 | 450 | 15.12 | 100 | Doctoral or professional degree | None | Internship/residency |
| 29-1071 | Physician Assistants | 1,280 | 1,550 | 280 | 21.50 | 50 | Master's degree | None | None |
| 29-1111 | Registered Nurses | 29,480 | 38,140 | 8,660 | 29.38 | 1,400 | Associate's degree | None | None |
| 29-1122 | Occupational Therapists | 1,240 | 1,630 | 390 | 31.88 | 60 | Master's degree | None | None |
| 29-1123 | Physical Therapists | 1,990 | 2,620 | 630 | 31.81 | 90 | Doctoral or professional degree | None | None |
| 29-1124 | Radiation Therapists | 410 | 500 | 90 | 21.92 | 20 | Associate's degree | None | None |
| 29-1125 | Recreational Therapists | 320 | 370 | 50 | 16.40 | 20 | Bachelor's degree | None | None |
| 29-1126 | Respiratory Therapists | 1,220 | 1,670 | 450 | 37.25 | 70 | Associate's degree | None | None |
| 29-1127 | Speech-Language Pathologists | 1,520 | 1,850 | 330 | 21.59 | 60 | Master's degree | None | None |
| 29-1128 | Therapists, all other | 90 | 110 | 20 | 19.57 | 0 | Master's degree | None | None |
| 29-1131 | Veterinarians | 980 | 1,320 | 340 | 34.97 | 50 | Doctoral or professional degree | None | None |
| 29-1181 | Audiologists | 200 | 200 | 0 | 0.50 | 0 | Doctoral or professional degree | None | None |
| 29-1199 | Other | 190 | 220 | 30 | 17.65 | 10 | Master's degree | None | None |
| 29-2011 | Medical and Clinical Laboratory Technologists | 2,000 | 2,270 | 270 | 13.24 | 70 | Bachelor's degree | None | None |
| 29-2012 | Medical and Clinical Laboratory Technicians | 1,860 | 2,110 | 250 | 13.21 | 60 | Associate's degree | None | None |
| 29-2021 | Dental Hygienists | 1,730 | 2,100 | 370 | 21.19 | 70 | Associate's degree | None | None |
| 29-2031 | Cardiovascular Technologists and Technicians | 580 | 780 | 200 | 34.89 | 30 | Associate's degree | None | None |
| 29-2032 | Diagnostic Medical Sonographers | 540 | 780 | 250 | 45.98 | 30 | Associate's degree | None | None |
| 29-2033 | Nuclear Medicine Technologists | 210 | 260 | 50 | 22.01 | 10 | Associate's degree | None | None |
| 29-2037 | Radiologic Technologists and Technicians | 2,530 | 3,300 | 760 | 30.19 | 120 | Associate's degree | None | None |
| 29-2041 | Emergency Medical Technicians and Paramedics | 2,960 | 3,790 | 840 | 28.36 | 140 | Postsecondary non-degree award | None | None |
| 29-2051 | Dietetic Technicians | 590 | 700 | 110 | 18.57 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 29-2052 | Pharmacy Technicians | 4,460 | 5,380 | 920 | 20.54 | 170 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 29-2053 | Psychiatric Technicians | 1,000 | 1,310 | 310 | 30.64 | 50 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 29-2054 | Respiratory Therapy Technicians | 270 | 300 | 30 | 12.64 | 10 | Associate's degree | None | Moderate-term on-the-job training |
| 29-2055 | Surgical Technologists | 1,490 | 1,840 | 350 | 23.40 | 60 | Postsecondary non-degree award | None | None |
| 29-2056 | Veterinary Technologists and Technicians | 970 | 1,440 | 470 | 48.66 | 60 | Associate's degree | None | None |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 14,820 | 17,950 | 3,130 | 21.10 | 710 | Postsecondary non-degree award | None | None |
| 29-2071 | Technicians | 2,970 | 3,520 | 550 | 18.51 | 110 | Postsecondary non-degree award | None | None |
| 29-2081 | Opticians, Dispensing | 850 | 970 | 120 | 14.07 | 30 | High school diploma or equivalent | None | Long-term on-the-job training |
| 29-2091 | Orthotists and Prosthetists | 60 | 70 | 10 | 8.33 | 0 | Master's degree | None | None |
| 29-2799 | Health Technologists and Technicians, All Other | 420 | 490 | 70 | 17.66 | 20 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 29-9011 | Occupational Health and Safety Specialists | 1,000 | 1,160 | 160 | 16.18 | 50 | Bachelor's degree | None | Moderate-term on-the-job training |
| 29-9012 | Occupational Health and Safety Technicians | 150 | 170 | 30 | 16.78 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 29-9091 | Athletic Trainers | 290 | 350 | 60 | 21.60 | 20 | Bachelor's degree | None | None |
| 29-9799 | Other | 130 | 140 | 10 | 5.26 | 10 | Bachelor's degree | None | None |
| 31-1011 | Home Health Aides | 8,910 | 14,860 | 5,950 | 66.82 | 710 | Less than high school | None | Short-term on-the-job training |
| 31-1012 | Nursing Aides, Orderlies, and Attendants | 19,930 | 24,700 | 4,770 | 23.93 | 730 | Postsecondary non-degree award | None | None |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2010 | 2020 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 31-1013 | Psychiatric Aides | 1,010 | 1,230 | 220 | 21.85 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-2011 | Occupational Therapy Assistants | 550 | 730 | 190 | 33.88 | 30 | Associate's degree | None | None |
| 31-2012 | Occupational Therapy Aides | 120 | 160 | 40 | 29.75 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-2021 | Physical Therapist Assistants | 1,270 | 1,730 | 460 | 35.77 | 70 | Associate's degree | None | None |
| 31-2022 | Physical Therapist Aides | 740 | 1,000 | 260 | 35.14 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 31-9011 | Massage Therapists | 540 | 630 | 90 | 17.32 | 20 | Postsecondary non-degree award | None | None |
| 31-9091 | Dental Assistants | 3,720 | 4,280 | 560 | 15.03 | 130 | Postsecondary non-degree award | None | None |
| 31-9092 | Medical Assistants | 6,470 | 7,670 | 1,200 | 18.48 | 220 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 31-9093 | Medical Equipment Preparers | 290 | 360 | 60 | 21.58 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 31-9094 | Medical Transcriptionists | 1,300 | 1,350 | 60 | 4.56 | 30 | Postsecondary non-degree award | None | None |
| 31-9095 | Pharmacy Aides | 630 | 720 | 90 | 14.33 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-9096 | Caretakers | 1,140 | 1,290 | 150 | 13.47 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 31-9799 | Healthcare Support Workers, All Other | 1,580 | 1,780 | 200 | 12.70 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-1011 | First-Line Supervisors of Correctional Officers | 630 | 680 | 60 | 8.74 | 30 | High school diploma or equivalent | 1 to 5 years | Moderate-term on-the-job training |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,510 | 1,640 | 140 | 9.10 | 70 | High school diploma or equivalent | 1 to 5 years | Moderate-term on-the-job training |
| 33-1021 | Prevention Workers | 1,750 | 2,030 | 280 | 15.71 | 110 | Postsecondary non-degree award | 1 to 5 years | None |
| 33-1099 | All Other | 490 | 560 | 70 | 14.20 | 20 | High school diploma or equivalent | 1 to 5 years | None |
| 33-2011 | Firefighters | 3,680 | 4,250 | 570 | 15.55 | 160 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 33-2021 | Fire Inspectors and Investigators | 190 | 220 | 30 | 15.18 | 10 | High school diploma or equivalent | More than 5 years | Moderate-term on-the-job training |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 120 | 130 | 10 | 4.92 | 0 | High school diploma or equivalent | More than 5 years | Moderate-term on-the-job training |
| 33-3011 | Bailiffs | 300 | 320 | 20 | 7.67 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-3012 | Correctional Officers and Jailers | 6,500 | 7,180 | 690 | 10.56 | 180 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-3021 | Detectives and Criminal Investigators | 1,690 | 1,880 | 190 | 11.25 | 60 | High school diploma or equivalent | 1 to 5 years | Moderate-term on-the-job training |
| 33-3031 | Fish and Game Wardens | 200 | 210 | 10 | 4.95 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-3041 | Parking Enforcement Workers | 50 | 60 | 10 | 15.09 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-3051 | Police and Sheriff's Patrol Officers | 7,860 | 9,020 | 1,150 | 14.66 | 350 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-3052 | Transit and Railroad Police | 90 | 100 | 10 | 14.94 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9011 | Animal Control Workers | 400 | 460 | 70 | 16.92 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 33-9031 | Investigators | 350 | 410 | 60 | 16.33 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9032 | Security Guards | 10,520 | 12,640 | 2,120 | 20.12 | 380 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9091 | Crossing Guards | 640 | 730 | 90 | 13.77 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 33-9092 | Protective Service Workers | 1,730 | 1,930 | 200 | 11.71 | 130 | High school diploma or equivalent | None | Short-term on-the-job training |
| 35-1011 | Chefs and Head Cooks | 850 | 900 | 50 | 5.88 | 20 | High school diploma or equivalent | 1 to 5 years | None |
| 35-1012 | Serving Workers | 9,570 | 11,330 | 1,760 | 18.43 | 380 | High school diploma or equivalent | 1 to 5 years | None |
| 35-2011 | Cooks, Fast Food | 9,740 | 10,270 | 530 | 5.42 | 260 | Less than high school | None | Short-term on-the-job training |
| 35-2012 | Cooks, Institution and Cafeteria | 8,670 | 9,660 | 990 | 11.39 | 280 | Less than high school | None | Short-term on-the-job training |
| 35-2014 | Cooks, Restaurant | 11,970 | 14,760 | 2,790 | 23.33 | 530 | Less than high school | Less than 1 year | Moderate-term on-the-job training |
| 35-2015 | Cooks, Short Order | 1,250 | 1,440 | 190 | 15.15 | 50 | Less than high school | None | Short-term on-the-job training |
| 35-2021 | Food Preparation Workers | 6,890 | 8,110 | 1,220 | 17.72 | 370 | Less than high school | None | Short-term on-the-job training |
| 35-3011 | Bartenders | 4,190 | 4,740 | 550 | 13.14 | 200 | Less than high school | None | Short-term on-the-job training |
| 35-3021 | Including Fast Food | 28,150 | 35,440 | 7,290 | 25.91 | 1,520 | Less than high school | None | Short-term on-the-job training |
| 35-3022 | and Coffee Shop | 4,850 | 5,500 | 650 | 13.42 | 420 | Less than high school | None | Short-term on-the-job training |
| 35-3031 | Waiters and Waitresses | 29,680 | 35,170 | 5,490 | 18.49 | 2,030 | Less than high school | None | Short-term on-the-job training |
| 35-3041 | Food Servers, Nonrestaurant | 1,280 | 1,520 | 240 | 18.79 | 60 | Less than high school | None | Short-term on-the-job training |
| 35-9011 | Bartender Helpers | 3,790 | 4,310 | 520 | 13.77 | 190 | Less than high school | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|--|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 35-9021 | Dishwashers | 4,790 | 5,560 | 770 | 16.09 | 300 | Less than high school | None | Short-term on-the-job training |
| 35-9031 | Coffee Shop | 3,980 | 4,570 | 580 | 14.58 | 340 | Less than high school | None | None |
| 37-1011 | Janitorial Workers | 2,740 | 2,840 | 90 | 3.35 | 50 | High school diploma or equivalent | 1 to 5 years | None |
| 37-1012 | and Groundskeeping Workers | 2,360 | 2,650 | 290 | 12.19 | 60 | High school diploma or equivalent | 1 to 5 years | None |
| 37-2011 | Housekeeping Cleaners | 21,910 | 24,550 | 2,630 | 12.01 | 680 | Less than high school | None | Short-term on-the-job training |
| 37-2012 | Maids and Housekeeping Cleaners | 10,700 | 12,060 | 1,370 | 12.77 | 320 | Less than high school | None | Short-term on-the-job training |
| 37-2019 | Building Cleaning Workers, All Other | 80 | 80 | 0 | 5.06 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 37-2021 | Pest Control Workers | 670 | 840 | 170 | 24.55 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 37-3011 | Landscaping and Groundskeeping Workers | 10,800 | 12,660 | 1,860 | 17.27 | 380 | Less than high school | None | Short-term on-the-job training |
| 37-3012 | Vegetation | 590 | 630 | 40 | 6.40 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 37-3013 | Tree Trimmers and Pruners | 1,480 | 1,740 | 260 | 17.71 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 37-3019 | Grounds Maintenance Workers, All Other | 210 | 230 | 20 | 9.91 | 10 | Less than high school | None | Short-term on-the-job training |
| 39-1011 | Gaming Supervisors | 640 | 750 | 110 | 16.59 | 20 | High school diploma or equivalent | 1 to 5 years | None |
| 39-1012 | Slot Supervisors | 740 | 850 | 110 | 14.50 | 30 | High school diploma or equivalent | 1 to 5 years | None |
| 39-1021 | First-Line Supervisors of Personal Service Workers | 1,350 | 1,530 | 180 | 13.60 | 50 | High school diploma or equivalent | 1 to 5 years | None |
| 39-2011 | Animal Trainers | 820 | 850 | 40 | 4.66 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-2021 | Nonfarm Animal Caretakers | 1,720 | 2,290 | 570 | 32.77 | 90 | Less than high school | None | Short-term on-the-job training |
| 39-3011 | Gaming Dealers | 1,240 | 1,570 | 330 | 26.21 | 90 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-3012 | Gaming and Sports Book Writers and Runners | 560 | 630 | 60 | 11.21 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-3019 | Gaming Service Workers, All Other | 70 | 90 | 20 | 26.87 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-3021 | Motion Picture Projectionists | 170 | 140 | -20 | -12.73 | 10 | Less than high school | None | Short-term on-the-job training |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 690 | 700 | 10 | 2.04 | 40 | Less than high school | None | Short-term on-the-job training |
| 39-3091 | Amusement and Recreation Attendants | 1,890 | 2,140 | 250 | 13.37 | 130 | Less than high school | None | Short-term on-the-job training |
| 39-3093 | Attendants | 170 | 210 | 40 | 25.60 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-4831 | undertakers | 510 | 630 | 120 | 23.59 | 20 | Associate's degree | None | Apprenticeship |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 3,720 | 4,270 | 550 | 14.72 | 130 | Postsecondary non-degree award | None | None |
| 39-6011 | Baggage Porters and Bellhops | 270 | 310 | 40 | 15.30 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-6012 | Concierges | 70 | 80 | 10 | 12.86 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 39-9011 | Childcare Workers | 12,910 | 16,050 | 3,140 | 24.30 | 720 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-9021 | Personal Care Aides | 8,800 | 14,730 | 5,940 | 67.47 | 660 | Less than high school | None | Short-term on-the-job training |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 3,250 | 3,730 | 480 | 14.68 | 100 | High school diploma or equivalent | None | Short-term on-the-job training |
| 39-9032 | Recreation Workers | 3,060 | 3,560 | 510 | 16.55 | 100 | Bachelor's degree | None | None |
| 39-9041 | Residential Advisors | 650 | 810 | 160 | 25.08 | 40 | Some college, no degree | Less than 1 year | Short-term on-the-job training |
| 39-9099 | Personal Care and Service Workers, All Other | 440 | 490 | 50 | 10.43 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 23,920 | 25,630 | 1,700 | 7.11 | 730 | High school diploma or equivalent | 1 to 5 years | None |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 3,430 | 3,460 | 30 | 0.82 | 90 | High school diploma or equivalent | More than 5 years | None |
| 41-2011 | Cashiers | 39,080 | 43,800 | 4,730 | 12.09 | 2,250 | Less than high school | None | Short-term on-the-job training |
| 41-2012 | Gaming Change Persons and Booth Cashiers | 780 | 730 | -60 | -7.03 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-2021 | Counter and Rental Clerks | 4,240 | 4,610 | 370 | 8.75 | 130 | Less than high school | None | Short-term on-the-job training |
| 41-2022 | Parts Salespersons | 3,980 | 4,370 | 390 | 9.76 | 190 | Less than high school | None | Moderate-term on-the-job training |
| 41-2031 | Retail Salespersons | 50,680 | 56,760 | 6,080 | 12.01 | 2,100 | Less than high school | None | Short-term on-the-job training |
| 41-3011 | Advertising Sales Agents | 1,430 | 1,570 | 140 | 9.81 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-3021 | Insurance Sales Agents | 5,550 | 6,790 | 1,240 | 22.40 | 250 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-3031 | Sales Agents | 1,740 | 1,900 | 160 | 8.90 | 60 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-3041 | Travel Agents | 460 | 500 | 40 | 8.66 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|--|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2010 | 2020 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 41-3099 | Sales Representatives, Services, All Other | 2,540 | 2,870 | 330 | 13.08 | 110 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-4011 | Manufacturing, Technical and Scientific Products | 6,070 | 6,680 | 600 | 9.95 | 200 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-4012 | Manufacturing, Except Technical and Scientific | 16,010 | 17,810 | 1,810 | 11.28 | 560 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 41-9011 | Demonstrators and Product Promoters | 370 | 430 | 70 | 17.76 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 41-9021 | Real Estate Brokers | 1,840 | 1,920 | 80 | 4.58 | 50 | High school diploma or equivalent | 1 to 5 years | None |
| 41-9022 | Real Estate Sales Agents | 5,150 | 5,640 | 490 | 9.41 | 160 | High school diploma or equivalent | None | Long-term on-the-job training |
| 41-9031 | Sales Engineers | 270 | 300 | 30 | 10.37 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 41-9041 | Telemarketers | 5,940 | 6,020 | 80 | 1.33 | 140 | Less than high school | None | Short-term on-the-job training |
| 41-9799 | Sales and Related Workers, All Other | 1,840 | 2,090 | 250 | 13.42 | 70 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-1011 | Support Workers | 17,100 | 19,390 | 2,290 | 13.38 | 690 | High school diploma or equivalent | 1 to 5 years | None |
| 43-2011 | Service | 1,880 | 1,420 | -460 | -24.35 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-3011 | Bill and Account Collectors | 4,980 | 5,660 | 680 | 13.68 | 170 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3021 | Billing and Posting Clerks | 5,470 | 6,420 | 950 | 17.36 | 190 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 35,600 | 40,140 | 4,540 | 12.74 | 850 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3041 | Gaming Cage Workers | 750 | 700 | -60 | -7.45 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-3051 | Payroll and Timekeeping Clerks | 3,090 | 3,580 | 490 | 15.85 | 110 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3061 | Procurement Clerks | 1,630 | 1,760 | 130 | 7.99 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-3071 | Tellers | 8,250 | 8,860 | 610 | 7.41 | 400 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4021 | Correspondence Clerks | 190 | 180 | -10 | -5.35 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4031 | Court, Municipal, and License Clerks | 1,860 | 2,160 | 300 | 16.19 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 290 | 300 | 20 | 5.56 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4051 | Customer Service Representatives | 25,880 | 30,490 | 4,610 | 17.83 | 1,200 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4061 | Eligibility Interviewers, Government Programs | 440 | 470 | 40 | 8.28 | 20 | Associate's degree | None | Moderate-term on-the-job training |
| 43-4071 | File Clerks | 2,220 | 2,080 | -140 | -6.40 | 60 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 2,690 | 3,140 | 460 | 17.06 | 150 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4111 | Interviewers, Except Eligibility and Loan | 1,470 | 1,800 | 330 | 22.24 | 60 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4121 | Library Assistants, Clerical | 1,510 | 1,730 | 220 | 14.67 | 90 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4131 | Loan Interviewers and Clerks | 1,950 | 1,970 | 20 | 0.77 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4141 | New Accounts Clerks | 840 | 900 | 60 | 7.65 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4151 | Order Clerks | 2,120 | 2,290 | 170 | 8.08 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4161 | Timekeeping | 2,090 | 2,350 | 260 | 12.56 | 80 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4171 | Receptionists and Information Clerks | 10,160 | 11,910 | 1,750 | 17.17 | 480 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-4199 | Information and Record Clerks, All Other | 1,920 | 1,990 | 70 | 3.80 | 60 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5011 | Cargo and Freight Agents | 490 | 590 | 100 | 20.41 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5021 | Couriers and Messengers | 1,190 | 1,290 | 100 | 8.40 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 1,720 | 2,010 | 290 | 17.03 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 1,730 | 1,980 | 250 | 14.36 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5041 | Meter Readers, Utilities | 860 | 980 | 120 | 13.44 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5051 | Postal Service Clerks | 670 | 340 | -330 | -49.62 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5052 | Postal Service Mail Carriers | 3,860 | 3,330 | -530 | -13.77 | 130 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5053 | Processing Machine Operators | 1,410 | 710 | -700 | -49.58 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5061 | Production, Planning, and Expediting Clerks | 2,960 | 3,210 | 260 | 8.62 | 100 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 7,930 | 8,020 | 90 | 1.10 | 210 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-5081 | Stock Clerks and Order Fillers | 18,400 | 18,550 | 150 | 0.83 | 470 | Less than high school | None | Short-term on-the-job training |
| 43-5111 | Recordkeeping | 760 | 840 | 80 | 10.67 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 43-6011 | Assistants | 13,750 | 15,020 | 1,270 | 9.20 | 310 | High school diploma or equivalent | 1 to 5 years | None |
| 43-6012 | Legal Secretaries | 2,780 | 3,000 | 210 | 7.69 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-6013 | Medical Secretaries | 4,530 | 6,030 | 1,500 | 33.19 | 210 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-6014 | Legal, Medical, and Executive | 26,040 | 26,780 | 740 | 2.84 | 420 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9011 | Computer Operators | 1,520 | 1,350 | -160 | -10.76 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9021 | Data Entry Keyers | 2,740 | 2,500 | -230 | -8.56 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9022 | Word Processors and Typists | 580 | 520 | -60 | -10.90 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9031 | Desktop Publishers | 150 | 130 | -20 | -11.64 | 0 | Associate's degree | None | Short-term on-the-job training |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 1,740 | 1,920 | 170 | 9.86 | 70 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 43-9051 | Postal Service | 1,220 | 1,360 | 130 | 10.88 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9061 | Office Clerks, General | 41,030 | 46,440 | 5,410 | 13.20 | 1,270 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9071 | Office Machine Operators, Except Computer | 590 | 530 | -60 | -9.74 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 43-9799 | Other | 880 | 980 | 90 | 10.67 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 45-1011 | Forestry Workers | 1,010 | 1,100 | 90 | 8.73 | 40 | High school diploma or equivalent | 1 to 5 years | None |
| 45-2011 | Agricultural Inspectors | 160 | 180 | 20 | 9.15 | 10 | Bachelor's degree | None | Moderate-term on-the-job training |
| 45-2021 | Animal Breeders | 840 | 780 | -50 | -6.45 | 30 | High school diploma or equivalent | 1 to 5 years | Short-term on-the-job training |
| 45-2041 | Graders and Sorters, Agricultural Products | 510 | 580 | 60 | 12.52 | 20 | Less than high school | None | Short-term on-the-job training |
| 45-2091 | Agricultural Equipment Operators | 1,190 | 1,310 | 120 | 10.28 | 50 | Less than high school | Less than 1 year | Short-term on-the-job training |
| 45-2092 | Greenhouse | 12,490 | 13,800 | 1,310 | 10.46 | 510 | Less than high school | None | Short-term on-the-job training |
| 45-2093 | Animals | 3,590 | 4,010 | 430 | 11.97 | 150 | Less than high school | None | Short-term on-the-job training |
| 45-2099 | Agricultural Workers, All Other | 330 | 360 | 30 | 7.58 | 10 | Less than high school | None | Short-term on-the-job training |
| 47-1011 | Extraction Workers | 9,360 | 10,440 | 1,070 | 11.46 | 320 | High school diploma or equivalent | More than 5 years | None |
| 47-2011 | Boilermakers | 340 | 380 | 40 | 12.20 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-2021 | Brickmasons and Blockmasons | 1,030 | 1,310 | 280 | 26.99 | 50 | High school diploma or equivalent | None | Apprenticeship |
| 47-2022 | Stonemasons | 330 | 380 | 50 | 14.24 | 10 | High school diploma or equivalent | None | Apprenticeship |
| 47-2031 | Carpenters | 11,070 | 11,800 | 730 | 6.62 | 310 | High school diploma or equivalent | None | Apprenticeship |
| 47-2041 | Carpet Installers | 350 | 350 | 0 | 0.86 | 10 | Less than high school | None | Short-term on-the-job training |
| 47-2042 | Floor Layers, Except Carpet, Wood, and Hard Tiles | 340 | 330 | -10 | -1.79 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2043 | Floor Sanders and Finishers | 170 | 190 | 10 | 6.94 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2044 | Tile and Marble Setters | 600 | 690 | 90 | 15.77 | 20 | Less than high school | None | Long-term on-the-job training |
| 47-2051 | Cement Masons and Concrete Finishers | 3,040 | 3,560 | 520 | 17.16 | 100 | Less than high school | None | Moderate-term on-the-job training |
| 47-2061 | Construction Laborers | 12,890 | 13,880 | 990 | 7.68 | 200 | Less than high school | None | Short-term on-the-job training |
| 47-2071 | Operators | 1,990 | 2,170 | 180 | 8.94 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2072 | Pile-Driver Operators | 50 | 60 | 10 | 16.33 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2073 | Equipment Operators | 4,770 | 5,450 | 680 | 14.19 | 180 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-2081 | Drywall and Ceiling Tile Installers | 1,290 | 1,440 | 160 | 12.13 | 50 | Less than high school | None | Moderate-term on-the-job training |
| 47-2111 | Electricians | 7,510 | 8,450 | 940 | 12.57 | 300 | High school diploma or equivalent | None | Apprenticeship |
| 47-2121 | Glaziers | 300 | 390 | 90 | 31.33 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 400 | 430 | 30 | 8.54 | 20 | Less than high school | None | Short-term on-the-job training |
| 47-2132 | Insulation Workers, Mechanical | 310 | 360 | 50 | 17.32 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-2141 | Painters, Construction and Maintenance | 5,550 | 6,050 | 500 | 9.04 | 170 | Less than high school | None | Moderate-term on-the-job training |
| 47-2151 | Pipelayers | 1,110 | 1,240 | 130 | 11.81 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 5,570 | 6,400 | 830 | 14.97 | 240 | High school diploma or equivalent | None | Apprenticeship |
| 47-2161 | Plasterers and Stucco Masons | 430 | 440 | 10 | 3.04 | 10 | Less than high school | None | Long-term on-the-job training |
| 47-2171 | Reinforcing Iron and Rebar Workers | 60 | 80 | 20 | 28.81 | 0 | High school diploma or equivalent | None | Apprenticeship |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Occupation | | Employment | | Employment Change | | Average Annual | Education and Training Classification | | |
|------------|---|------------|--------|-------------------|---------|----------------|--|--|--|
| Code | Title | 2010 | 2020 | Number | Percent | Openings | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 47-2181 | Roofers | 1,600 | 1,690 | 100 | 6.21 | 40 | Less than high school | None | Moderate-term on-the-job training |
| 47-2211 | Sheet Metal Workers | 3,830 | 4,120 | 290 | 7.68 | 90 | High school diploma or equivalent | None | Apprenticeship |
| 47-2221 | Structural Iron and Steel Workers | 740 | 780 | 40 | 4.98 | 20 | High school diploma or equivalent | None | Apprenticeship |
| 47-3011 | and Tile and Marble Setters | 330 | 460 | 140 | 42.46 | 20 | Less than high school | None | Short-term on-the-job training |
| 47-3012 | Helpers--Carpenters | 660 | 840 | 180 | 26.85 | 40 | Less than high school | None | Short-term on-the-job training |
| 47-3013 | Helpers--Electricians | 1,200 | 1,380 | 180 | 15.01 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-3014 | Stucco Masons | 60 | 60 | 10 | 9.09 | 0 | Less than high school | None | Short-term on-the-job training |
| 47-3015 | Steamfitters | 670 | 870 | 200 | 30.08 | 40 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-3016 | Helpers--Roofers | 60 | 60 | 0 | -3.28 | 0 | Less than high school | None | Short-term on-the-job training |
| 47-3019 | Helpers, Construction Trades, All Other | 350 | 380 | 30 | 9.17 | 10 | Less than high school | None | Short-term on-the-job training |
| 47-4011 | Construction and Building Inspectors | 1,020 | 1,180 | 160 | 15.94 | 50 | High school diploma or equivalent | More than 5 years | Moderate-term on-the-job training |
| 47-4031 | Fence Erectors | 460 | 520 | 60 | 13.76 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4041 | Hazardous Materials Removal Workers | 270 | 320 | 50 | 16.97 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4051 | Highway Maintenance Workers | 3,280 | 3,800 | 520 | 15.94 | 140 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4061 | Operators | 580 | 520 | -60 | -9.90 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 580 | 680 | 100 | 16.98 | 30 | Less than high school | None | Moderate-term on-the-job training |
| 47-5011 | Derrick Operators, Oil and Gas | 1,040 | 1,430 | 390 | 37.37 | 60 | Less than high school | None | Short-term on-the-job training |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 2,290 | 3,070 | 780 | 33.91 | 130 | Less than high school | None | Moderate-term on-the-job training |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 3,280 | 4,460 | 1,180 | 35.81 | 190 | Less than high school | None | Moderate-term on-the-job training |
| 47-5021 | Earth Drillers, Except Oil and Gas | 580 | 640 | 70 | 11.61 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5031 | and Blasters | 630 | 650 | 20 | 3.02 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5042 | Mine Cutting and Channeling Machine Operators | 80 | 80 | 0 | -1.23 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5051 | Rock Splitters, Quarry | 410 | 450 | 40 | 9.49 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 47-5071 | Roustabouts, Oil and Gas | 4,990 | 6,580 | 1,590 | 31.78 | 260 | Less than high school | None | Moderate-term on-the-job training |
| 47-5081 | Helpers--Extraction Workers | 1,020 | 1,310 | 290 | 28.71 | 50 | High school diploma or equivalent | None | Short-term on-the-job training |
| 47-5099 | Extraction Workers, All Other | 60 | 60 | 10 | 10.34 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-1011 | Repairers | 5,420 | 5,960 | 540 | 9.99 | 200 | High school diploma or equivalent | 1 to 5 years | None |
| 49-2011 | Repairers | 900 | 920 | 20 | 1.67 | 20 | Postsecondary non-degree award | None | None |
| 49-2022 | Repairers, Except Line Installers | 1,950 | 1,980 | 30 | 1.59 | 30 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | 210 | 200 | -10 | -2.43 | 0 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2093 | Transportation Equipment | 80 | 80 | -10 | -5.95 | 0 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2094 | and Industrial Equipment | 1,490 | 1,590 | 90 | 6.09 | 50 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2095 | Substation, and Relay | 260 | 310 | 60 | 21.48 | 10 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-2096 | Motor Vehicles | 260 | 250 | -10 | -4.26 | 10 | Postsecondary non-degree award | None | Short-term on-the-job training |
| 49-2097 | Installers and Repairers | 490 | 540 | 50 | 9.80 | 20 | Postsecondary non-degree award | None | None |
| 49-2098 | Security and Fire Alarm Systems Installers | 690 | 940 | 250 | 36.30 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3011 | Aircraft Mechanics and Service Technicians | 6,010 | 6,510 | 500 | 8.30 | 230 | Postsecondary non-degree award | None | None |
| 49-3021 | Automotive Body and Related Repairers | 2,120 | 2,360 | 240 | 11.27 | 80 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3022 | Automotive Glass Installers and Repairers | 120 | 140 | 20 | 19.83 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3023 | Automotive Service Technicians and Mechanics | 9,210 | 10,170 | 960 | 10.43 | 330 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3031 | Specialists | 3,720 | 4,150 | 430 | 11.65 | 120 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3041 | Technicians | 380 | 450 | 70 | 17.80 | 20 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3042 | Engines | 1,670 | 2,000 | 330 | 19.96 | 80 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3043 | Rail Car Repairers | 160 | 180 | 20 | 11.39 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3051 | Motorboat Mechanics and Service Technicians | 160 | 180 | 20 | 11.59 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|--|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 49-3052 | Motorcycle Mechanics | 340 | 390 | 50 | 14.08 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-3053 | Mechanics | 370 | 410 | 50 | 13.42 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-3093 | Tire Repairers and Changers | 1,040 | 1,120 | 80 | 7.78 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9011 | Mechanical Door Repairers | 290 | 340 | 50 | 15.52 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9012 | Mechanical Door | 1,060 | 1,110 | 50 | 4.83 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9021 | Mechanics and Installers | 3,310 | 4,120 | 820 | 24.78 | 140 | Postsecondary non-degree award | None | Long-term on-the-job training |
| 49-9031 | Home Appliance Repairers | 750 | 770 | 20 | 2.00 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9041 | Industrial Machinery Mechanics | 4,740 | 6,240 | 1,500 | 31.64 | 240 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9043 | Maintenance Workers, Machinery | 1,480 | 1,670 | 190 | 12.50 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9044 | Millwrights | 120 | 110 | -10 | -8.70 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9045 | Refractory Materials Repairers, Except Brickmasons | 90 | 100 | 10 | 7.53 | 0 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 49-9051 | Electrical Power-Line Installers and Repairers | 1,670 | 1,890 | 230 | 13.50 | 80 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,970 | 1,950 | -10 | -0.71 | 40 | High school diploma or equivalent | None | Long-term on-the-job training |
| 49-9062 | Medical Equipment Repairers | 450 | 570 | 110 | 24.67 | 20 | Associate's degree | None | Moderate-term on-the-job training |
| 49-9069 | Other | 240 | 270 | 30 | 13.45 | 10 | Associate's degree | None | Long-term on-the-job training |
| 49-9071 | Maintenance and Repair Workers, General | 15,440 | 17,440 | 2,000 | 12.93 | 480 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9091 | and Repairers | 500 | 620 | 120 | 24.40 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9096 | Riggers | 120 | 130 | 10 | 9.92 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 49-9097 | Signal and Track Switch Repairers | 110 | 100 | -10 | -7.48 | 0 | Postsecondary non-degree award | None | Moderate-term on-the-job training |
| 49-9098 | Workers | 2,820 | 3,210 | 400 | 14.07 | 170 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 49-9799 | Other | 1,560 | 1,780 | 220 | 14.15 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-1011 | Workers | 7,420 | 8,080 | 660 | 8.86 | 160 | Postsecondary non-degree award | 1 to 5 years | None |
| 51-2021 | Coil Winders, Tapers, and Finishers | 200 | 180 | -20 | -11.44 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,300 | 1,380 | 90 | 6.55 | 30 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-2023 | Electromechanical Equipment Assemblers | 640 | 720 | 80 | 12.21 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-2031 | Engine and Other Machine Assemblers | 270 | 320 | 50 | 19.19 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,520 | 1,780 | 270 | 17.49 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2091 | Fiberglass Laminators and Fabricators | 240 | 250 | 10 | 2.87 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2092 | Team Assemblers | 15,550 | 17,530 | 1,980 | 12.72 | 510 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-2099 | Assemblers and Fabricators, All Other | 670 | 790 | 120 | 17.26 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-3011 | Bakers | 1,680 | 1,860 | 180 | 10.79 | 70 | Less than high school | None | Long-term on-the-job training |
| 51-3021 | Butchers and Meat Cutters | 1,550 | 1,690 | 140 | 9.11 | 60 | Less than high school | None | Long-term on-the-job training |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 880 | 1,090 | 210 | 24.09 | 50 | Less than high school | None | Short-term on-the-job training |
| 51-3023 | Slaughterers and Meat Packers | 770 | 940 | 170 | 22.45 | 40 | Less than high school | None | Moderate-term on-the-job training |
| 51-3091 | Machine Operators and Tenders | 360 | 440 | 80 | 22.82 | 20 | Less than high school | None | Moderate-term on-the-job training |
| 51-3092 | Food Batchmakers | 700 | 780 | 90 | 12.81 | 30 | High school diploma or equivalent | Less than 1 year | Short-term on-the-job training |
| 51-3093 | Food Cooking Machine Operators and Tenders | 600 | 700 | 100 | 16.78 | 30 | High school diploma or equivalent | Less than 1 year | Short-term on-the-job training |
| 51-4011 | Metal and Plastic | 1,270 | 1,600 | 330 | 26.00 | 60 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4012 | Programmers, Metal and Plastic | 250 | 300 | 50 | 20.00 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4021 | and Tenders, Metal and Plastic | 830 | 940 | 110 | 13.46 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4022 | Metal and Plastic | 160 | 170 | 10 | 3.05 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4023 | Metal and Plastic | 300 | 350 | 50 | 15.18 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4031 | Operators, and Tenders, Metal and Plastic | 1,770 | 1,920 | 150 | 8.71 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4032 | and Tenders, Metal and Plastic | 400 | 390 | -10 | -2.01 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4033 | Tool Setters, Operators, and Tenders, Metal and | 1,210 | 1,290 | 80 | 6.27 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 51-4034 | and Tenders, Metal and Plastic | 720 | 800 | 80 | 10.54 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4035 | Tenders, Metal and Plastic | 280 | 310 | 30 | 9.93 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4041 | Machinists | 5,800 | 6,600 | 800 | 13.82 | 190 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4052 | Pourers and Casters, Metal | 90 | 100 | 10 | 13.79 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4062 | Patternmakers, Metal and Plastic | 100 | 110 | 10 | 10.10 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4071 | Foundry Mold and Coremakers | 200 | 240 | 40 | 20.41 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4072 | Operators, and Tenders, Metal and Plastic | 850 | 950 | 90 | 11.03 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4081 | Tenders, Metal and Plastic | 840 | 940 | 100 | 11.37 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4111 | Tool and Die Makers | 360 | 380 | 30 | 7.28 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 10,720 | 12,490 | 1,770 | 16.50 | 460 | High school diploma or equivalent | Less than 1 year | Moderate-term on-the-job training |
| 51-4122 | Operators, and Tenders | 720 | 790 | 70 | 9.68 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4191 | Tenders, Metal and Plastic | 340 | 360 | 20 | 6.27 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4192 | Lay-Out Workers, Metal and Plastic | 90 | 110 | 20 | 17.20 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4193 | and Tenders, Metal and Plastic | 350 | 400 | 40 | 11.90 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 180 | 200 | 20 | 9.44 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-4199 | Metal Workers and Plastic Workers, All Other | 180 | 190 | 10 | 6.18 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-5111 | Prepress Technicians and Workers | 520 | 450 | -70 | -14.07 | 10 | Postsecondary non-degree award | None | None |
| 51-5112 | Printing Press Operators | 1,870 | 1,860 | -10 | -0.75 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-5113 | Print Binding and Finishing Workers | 290 | 290 | 0 | -0.68 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-6011 | Laundry and Dry-Cleaning Workers | 3,010 | 3,180 | 170 | 5.55 | 70 | Less than high school | None | Short-term on-the-job training |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 930 | 900 | -40 | -3.97 | 10 | Less than high school | None | Short-term on-the-job training |
| 51-6031 | Sewing Machine Operators | 1,250 | 1,140 | -110 | -8.71 | 10 | Less than high school | None | Short-term on-the-job training |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 130 | 130 | 0 | -3.05 | 0 | Less than high school | None | Moderate-term on-the-job training |
| 51-6093 | Upholsterers | 520 | 540 | 20 | 3.82 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-7011 | Cabinetmakers and Bench Carpenters | 850 | 900 | 50 | 6.38 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-7041 | Wood | 550 | 600 | 50 | 8.18 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-7042 | Tenders, Except Sawing | 260 | 270 | 10 | 1.92 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-7099 | Woodworkers, All Other | 180 | 170 | 0 | -1.14 | 0 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-8012 | Power Distributors and Dispatchers | 90 | 100 | 10 | 6.38 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8013 | Power Plant Operators | 290 | 320 | 30 | 10.34 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8021 | Stationary Engineers and Boiler Operators | 390 | 450 | 50 | 12.94 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8031 | System Operators | 2,210 | 2,620 | 410 | 18.54 | 100 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8091 | Chemical Plant and System Operators | 130 | 130 | 0 | -3.08 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8092 | Gas Plant Operators | 400 | 460 | 60 | 14.68 | 20 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-8093 | Operators, and Gaugers | 2,020 | 1,990 | -30 | -1.63 | 70 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9011 | Chemical Equipment Operators and Tenders | 350 | 370 | 20 | 5.43 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9012 | Still Machine Setters, Operators, and Tenders | 280 | 340 | 60 | 19.93 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9021 | Operators, and Tenders | 600 | 660 | 60 | 9.47 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9022 | Grinding and Polishing Workers, Hand | 370 | 400 | 30 | 8.04 | 10 | Less than high school | None | Moderate-term on-the-job training |
| 51-9023 | and Tenders | 1,270 | 1,370 | 100 | 8.12 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9031 | Cutters and Trimmers, Hand | 170 | 180 | 10 | 3.53 | 10 | Less than high school | None | Short-term on-the-job training |
| 51-9032 | Tenders | 620 | 670 | 50 | 8.62 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-9041 | Machine Setters, Operators, and Tenders | 900 | 950 | 40 | 4.87 | 30 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9051 | Tenders | 560 | 550 | -10 | -1.95 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9061 | Weighers | 6,750 | 7,780 | 1,030 | 15.33 | 250 | High school diploma or equivalent | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|--------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 200 | 200 | -10 | -2.50 | 10 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9081 | Dental Laboratory Technicians | 440 | 490 | 50 | 12.33 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9082 | Medical Appliance Technicians | 70 | 80 | 10 | 15.71 | 0 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9083 | Ophthalmic Laboratory Technicians | 310 | 340 | 30 | 10.29 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9111 | Tenders | 3,430 | 3,810 | 380 | 11.09 | 90 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9121 | Operators, and Tenders | 1,590 | 1,790 | 200 | 12.26 | 50 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9122 | Painters, Transportation Equipment | 750 | 820 | 70 | 8.62 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9123 | Painting, Coating, and Decorating Workers | 270 | 350 | 90 | 32.83 | 20 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9151 | Machine Operators | 660 | 620 | -50 | -6.78 | 20 | High school diploma or equivalent | None | Short-term on-the-job training |
| 51-9192 | Operators and Tenders | 200 | 230 | 30 | 13.43 | 10 | Less than high school | None | Moderate-term on-the-job training |
| 51-9193 | Tenders | 280 | 340 | 60 | 20.14 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9195 | Plastic | 840 | 890 | 50 | 5.45 | 40 | High school diploma or equivalent | None | Long-term on-the-job training |
| 51-9196 | Tenders | 1,180 | 1,200 | 20 | 2.04 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 51-9198 | Helpers--Production Workers | 5,830 | 6,660 | 830 | 14.24 | 180 | Less than high school | None | Short-term on-the-job training |
| 51-9399 | Production Workers, All Other | 1,800 | 2,010 | 210 | 11.89 | 70 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-1011 | Aircraft Cargo Handling Supervisors | 60 | 70 | 10 | 12.50 | 0 | High school diploma or equivalent | 1 to 5 years | None |
| 53-1021 | Material Movers, Hand | 1,880 | 2,340 | 460 | 24.59 | 90 | High school diploma or equivalent | 1 to 5 years | None |
| 53-1031 | Material-Moving Machine and Vehicle Operators | 3,030 | 3,330 | 300 | 9.73 | 90 | High school diploma or equivalent | 1 to 5 years | None |
| 53-2011 | Airline Pilots, Copilots, and Flight Engineers | 200 | 220 | 20 | 7.96 | 10 | Bachelor's degree | 1 to 5 years | Moderate-term on-the-job training |
| 53-2012 | Commercial Pilots | 330 | 380 | 50 | 15.81 | 20 | Postsecondary non-degree award | None | None |
| 53-2021 | Air Traffic Controllers | 430 | 490 | 60 | 14.95 | 20 | Associate's degree | None | Long-term on-the-job training |
| 53-3011 | Emergency Medical Technicians | 360 | 430 | 70 | 20.51 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-3021 | Bus Drivers, Transit and Intercity | 1,240 | 1,410 | 170 | 14.07 | 40 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-3022 | Bus Drivers, School or Special Client | 4,200 | 4,520 | 320 | 7.67 | 110 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-3031 | Driver/Sales Workers | 5,460 | 6,150 | 690 | 12.65 | 180 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 23,340 | 26,250 | 2,910 | 12.47 | 760 | High school diploma or equivalent | 1 to 5 years | Short-term on-the-job training |
| 53-3033 | Light Truck or Delivery Services Drivers | 7,810 | 8,520 | 710 | 9.11 | 230 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-3041 | Taxi Drivers and Chauffeurs | 1,660 | 1,950 | 290 | 17.15 | 50 | Less than high school | None | Short-term on-the-job training |
| 53-3099 | Motor Vehicle Operators, All Other | 320 | 330 | 10 | 4.44 | 10 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-4011 | Locomotive Engineers | 340 | 330 | -10 | -1.49 | 10 | High school diploma or equivalent | 1 to 5 years | Moderate-term on-the-job training |
| 53-4031 | Railroad Conductors and Yardmasters | 280 | 280 | 0 | -0.70 | 10 | High school diploma or equivalent | None | Moderate-term on-the-job training |
| 53-6021 | Parking Lot Attendants | 860 | 860 | 0 | 0.23 | 30 | Less than high school | None | Short-term on-the-job training |
| 53-6031 | Automotive and Watercraft Service Attendants | 690 | 870 | 180 | 26.06 | 40 | Less than high school | None | Short-term on-the-job training |
| 53-6041 | Traffic Technicians | 270 | 290 | 20 | 6.74 | 10 | Less than high school | None | Short-term on-the-job training |
| 53-6051 | Transportation Inspectors | 370 | 440 | 70 | 19.18 | 20 | Some college, no degree | None | Short-term on-the-job training |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 70 | 70 | 0 | 0.00 | 0 | High school diploma or equivalent | None | Short-term on-the-job training |
| 53-7011 | Conveyor Operators and Tenders | 620 | 680 | 60 | 9.90 | 20 | Less than high school | None | Short-term on-the-job training |
| 53-7021 | Crane and Tower Operators | 360 | 410 | 50 | 13.37 | 20 | Less than high school | 1 to 5 years | Long-term on-the-job training |
| 53-7032 | Operators | 2,220 | 2,450 | 230 | 10.50 | 90 | Less than high school | 1 to 5 years | Moderate-term on-the-job training |
| 53-7051 | Industrial Truck and Tractor Operators | 5,010 | 5,570 | 570 | 11.29 | 200 | Less than high school | Less than 1 year | Short-term on-the-job training |
| 53-7061 | Cleaners of Vehicles and Equipment | 3,310 | 3,790 | 470 | 14.31 | 150 | Less than high school | None | Short-term on-the-job training |
| 53-7062 | Hand | 25,140 | 28,300 | 3,160 | 12.55 | 1,120 | Less than high school | None | Short-term on-the-job training |
| 53-7063 | Machine Feeders and Offbearers | 890 | 870 | -20 | -2.24 | 10 | Less than high school | None | Short-term on-the-job training |
| 53-7064 | Packers and Packagers, Hand | 5,400 | 5,840 | 440 | 8.09 | 200 | Less than high school | None | Short-term on-the-job training |
| 53-7071 | Operators | 280 | 290 | 10 | 3.53 | 10 | Less than high school | None | Moderate-term on-the-job training |

OKLAHOMA LONG-TERM OCCUPATIONAL OUTLOOK, 2010 - 2020

| Code | Occupation Title | Employment | | Employment Change | | Average Annual Openings | Education and Training Classification | | |
|---------|---|------------|-------|-------------------|---------|-------------------------------|--|---|--|
| | | 2010 | 2020 | Number | Percent | | Typical Entry-Level Education ¹ | Work Experience in a Related Occupation ² | Typical on-the-job Training ³ |
| 53-7072 | Pump Operators, Except Wellhead Pumpers | 570 | 650 | 80 | 14.21 | 30 | Less than high school | None | Moderate-term on-the-job training |
| 53-7073 | Wellhead Pumpers | 1,610 | 1,860 | 250 | 15.48 | 70 | Less than high school | Less than 1 year | Moderate-term on-the-job training |
| 53-7081 | Refuse and Recyclable Material Collectors | 2,000 | 2,370 | 370 | 18.23 | 100 | Less than high school | None | Short-term on-the-job training |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 90 | 90 | 0 | -3.41 | 0 | Less than high school | None | Short-term on-the-job training |

Footnotes:

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

2) Indicates 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.

3) Indicates 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.