

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation	Employment	Employment Change	Median Annual Wage,	Education and Training Classification						
				Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	Typical Entry-Level Education ²				
Title	Code	2020	2030	Number	Percent	Average Annual Openings	2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Total, All Occupations	00-0000	1,721,170	1,900,560	179,390	10.4	215,380	\$37,110			
Management Occupations	11-0000	98,950	111,000	12,050	12.2	9,520	\$86,930			
Top Executives	11-1000	30,410	33,410	3,000	9.9	2,850	N/A			
Chief Executives	11-1011	4,280	4,040	-240	-5.7	260	\$125,880	Bachelor's degree	5 years or more	None
General and Operations Managers	11-1021	25,170	28,370	3,200	12.7	2,520	\$83,430	Bachelor's degree	5 years or more	None
Legislators	11-1031	960	1,000	40	4.2	80	N/A	Bachelor's degree	Less than 5 years	None
Advertising, Marketing, Promotions, Public Relations, and Sales Managers	11-2000	4,780	5,260	480	10.1	470	N/A			
Advertising and Promotions Managers	11-2011	160	160	-10	-3.7	10	\$89,330	Bachelor's degree	Less than 5 years	None
Marketing Managers	11-2021	1,370	1,550	180	12.7	140	\$114,040	Bachelor's degree	5 years or more	None
Sales Managers	11-2022	2,400	2,650	250	10.2	230	\$97,940	Bachelor's degree	Less than 5 years	None
Public Relations and Fundraising Managers	11-2030	840	910	70	8.1	80	\$92,300	Bachelor's degree	5 years or more	None
Operations Specialties Managers	11-3000	22,140	25,320	3,180	14.4	2,080	N/A			
Administrative Services and Facilities Managers	11-3010	6,390	7,160	770	12.1	610	\$86,730	Bachelor's degree	Less than 5 years	None
Computer and Information Systems Managers	11-3021	3,770	4,180	410	10.8	330	\$117,130	Bachelor's degree	5 years or more	None
Financial Managers	11-3031	6,270	7,660	1,390	22.1	630	\$107,160	Bachelor's degree	5 years or more	None
Industrial Production Managers	11-3051	1,720	1,970	250	14.6	150	\$105,070	Bachelor's degree	5 years or more	None
Purchasing Managers	11-3061	530	580	50	9.1	50	\$102,570	Bachelor's degree	5 years or more	None
Transportation, Storage, and Distribution Managers	11-3071	1,280	1,370	90	7.3	110	\$84,670	High school diploma or equivalent	5 years or more	None
Compensation and Benefits Managers	11-3111	240	250	10	2.9	20	\$115,310	Bachelor's degree	5 years or more	None
Human Resources Managers	11-3121	1,530	1,680	160	10.1	140	\$96,010	Bachelor's degree	5 years or more	None
Training and Development Managers	11-3131	410	470	60	14.0	50	\$83,580	Bachelor's degree	5 years or more	None
Other Management Occupations	11-9000	41,630	47,010	5,390	12.9	4,130	N/A			
Farmers, Ranchers, and Other Agricultural Managers	11-9013	6,110	6,390	280	4.6	630	\$58,590	High school diploma or equivalent	5 years or more	None
Construction Managers	11-9021	3,960	4,600	640	16.1	370	\$83,480	Bachelor's degree	None	Moderate-term on-the-job training
Education Administrators, Preschool and Childcare Center/Program	11-9031	970	990	30	2.8	70	\$40,260	Bachelor's degree	Less than 5 years	None
Education Administrators, Elementary and Secondary School	11-9032	3,230	3,460	230	7.0	260	\$77,160	Master's degree	5 years or more	None
Education Administrators, Postsecondary	11-9033	1,840	1,950	110	6.0	150	\$95,310	Master's degree	Less than 5 years	None
Education Administrators, All Other	11-9039	460	490	30	6.7	40	\$78,790	Bachelor's degree	Less than 5 years	None
Architectural and Engineering Managers	11-9041	2,210	2,460	250	11.1	180	\$136,320	Bachelor's degree	5 years or more	None
Food Service Managers	11-9051	4,220	4,960	750	17.8	580	\$53,860	High school diploma or equivalent	Less than 5 years	None
Gaming Managers	11-9071	280	370	90	31.3	30	\$63,440	High school diploma or equivalent	Less than 5 years	None
Lodging Managers	11-9081	460	540	80	17.6	60	\$48,360	High school diploma or equivalent	Less than 5 years	None
Medical and Health Services Managers	11-9111	7,400	9,850	2,450	33.1	900	\$83,040	Bachelor's degree	Less than 5 years	None
Natural Sciences Managers	11-9121	310	320	20	6.2	20	\$109,480	Bachelor's degree	5 years or more	None
Postmasters and Mail Superintendents	11-9131	240	250	10	4.7	20	\$78,890	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Property, Real Estate, and Community Association Managers	11-9141	4,410	4,570	160	3.7	360	\$67,840	High school diploma or equivalent	Less than 5 years	None
Social and Community Service Managers	11-9151	1,610	1,720	110	6.9	150	\$59,010	Bachelor's degree	Less than 5 years	None
Emergency Management Directors	11-9161	270	280	10	5.2	20	\$51,060	Bachelor's degree	5 years or more	None
Funeral Home Managers	11-9171	240	230	-10	-5.0	20	\$56,990	Associate's degree	Less than 5 years	None
Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All	11-9198	3,430	3,590	160	4.8	270	\$91,030	Bachelor's degree	Less than 5 years	None
Business and Financial Operations Occupations	13-0000	93,600	100,490	6,890	7.4	8,970	\$98,270			
Business Operations Specialists	13-1000	62,970	66,820	3,840	6.1	6,000	\$62,530			
Buyers and Purchasing Agents	13-1020	5,160	5,030	-130	-2.6	490	\$59,760	Bachelor's degree	None	Moderate-term on-the-job training
Claims Adjusters, Examiners, and Investigators	13-1031	4,400	3,390	-1,000	-22.8	190	\$63,490	High school diploma or equivalent	None	Long-term on-the-job training
Compliance Officers	13-1041	4,870	5,150	270	5.6	420	\$54,820	Bachelor's degree	None	Moderate-term on-the-job training
Cost Estimators	13-1051	2,190	2,280	100	4.4	210	\$60,040	Bachelor's degree	None	Moderate-term on-the-job training
Human Resources Specialists	13-1071	7,690	8,550	870	11.3	850	\$52,350	Bachelor's degree	None	None
Labor Relations Specialists	13-1075	1,880	1,680	-200	-10.7	150	\$25,580	Bachelor's degree	Less than 5 years	None
Logisticians	13-1081	3,430	4,080	650	18.8	390	\$75,540	Bachelor's degree	None	None
Management Analysts	13-1111	6,770	7,750	990	14.6	750	\$77,490	Bachelor's degree	Less than 5 years	None
Meeting, Convention, and Event Planners	13-1121	1,430	1,610	170	11.9	170	\$46,040	Bachelor's degree	None	None
Fundraisers	13-1131	1,230	1,340	110	9.2	130	\$57,250	Bachelor's degree	None	None
Compensation, Benefits, and Job Analysis Specialists	13-1141	1,060	1,150	90	8.7	110	\$52,280	Bachelor's degree	Less than 5 years	None
Training and Development Specialists	13-1151	4,480	5,030	550	12.3	490	\$50,410	Bachelor's degree	Less than 5 years	None
Market Research Analysts and Marketing Specialists	13-1161	5,380	6,720	1,340	24.9	720	\$53,900	Bachelor's degree	None	None
Project Management Specialists and Business Operations Specialists, All Other	13-1198	12,860	12,930	70	0.5	940	\$72,540	Bachelor's degree	None	None
Financial Specialists	13-2000	30,630	33,670	3,040	9.9	2,970	N/A			
Accountants and Auditors	13-2011	15,970	17,780	1,810	11.4	1,650	\$66,860	Bachelor's degree	None	None
Property Appraisers and Assessors	13-2020	1,070	1,110	40	3.8	90	\$45,020	Bachelor's degree	None	Long-term on-the-job training
Budget Analysts	13-2031	600	580	-10	-2.0	40	\$68,280	Bachelor's degree	None	None

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			2020	2030	Number	Percent			Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Credit Analysts		13-2041	920	950	20	2.4	80	\$55,410	Bachelor's degree	None	None
Personal Financial Advisors		13-2052	1,550	1,660	110	6.9	130	\$64,460	Bachelor's degree	None	Long-term on-the-job training
Insurance Underwriters		13-2053	780	600	-180	-23.4	30	\$62,060	Bachelor's degree	None	Moderate-term on-the-job training
Financial Examiners		13-2061	550	700	150	26.8	60	\$69,150	Bachelor's degree	None	Long-term on-the-job training
Credit Counselors		13-2071	430	520	80	18.7	40	\$45,670	Bachelor's degree	None	Moderate-term on-the-job training
Loan Officers		13-2072	4,280	5,030	760	17.7	430	\$66,390	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
Tax Examiners and Collectors, and Revenue Agents		13-2081	380	350	-30	-8.1	30	\$38,760	Bachelor's degree	None	Moderate-term on-the-job training
Tax Preparers		13-2082	1,210	1,290	80	6.5	150	\$38,370	High school diploma or equivalent	None	Moderate-term on-the-job training
Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other		13-2098	2,880	3,100	220	7.6	250	\$74,050	Bachelor's degree	None	None
Computer and Mathematical Occupations		15-0000	36,470	41,600	5,120	14.1	3,250	\$71,070			
Computer Occupations		15-1200	34,450	39,050	4,600	13.3	3,050	N/A			
Computer Systems Analysts		15-1211	3,550	3,900	350	9.8	290	\$79,600	Bachelor's degree	None	None
Computer Network Support Specialists		15-1231	2,430	2,680	250	10.2	210	\$58,550	Associate's degree	None	None
Computer User Support Specialists		15-1232	6,470	7,070	600	9.3	550	\$47,660	Some college, no degree	None	None
Computer Network Architects		15-1241	1,380	1,500	120	8.7	100	\$92,720	Bachelor's degree	5 years or more	None
Network and Computer Systems Administrators		15-1244	2,620	2,880	260	10.0	200	\$72,700	Bachelor's degree	None	None
Database Administrators and Architects		15-1245	2,620	2,850	230	8.8	220	\$73,800	Bachelor's degree	None	None
Computer Programmers		15-1251	1,100	1,000	-100	-9.3	60	\$77,500	Bachelor's degree	None	None
Software Developers and Software Quality Assurance Analysts and Testers		15-1256	9,320	11,560	2,240	24.0	980	\$87,660	Bachelor's degree	None	None
Web Developers and Digital Interface Designers		15-1257	990	1,080	90	9.4	80	\$57,770	Bachelor's degree	None	None
Computer Occupations, All Other		15-1299	2,730	2,940	200	7.5	230	\$81,840	Bachelor's degree	None	None
Mathematical Science Occupations		15-2000	2,020	2,550	530	26.1	210	N/A			
Operations Research Analysts		15-2031	690	880	190	27.3	70	\$75,760	Bachelor's degree	None	None
Statisticians		15-2041	310	390	80	26.2	30	\$59,340	Master's degree	None	None
Data Scientists and Mathematical Science Occupations, All Other		15-2098	960	1,220	260	27.4	100	\$64,880	Bachelor's degree	None	None
Architecture and Engineering Occupations		17-0000	28,250	31,860	3,600	12.8	2,550	\$79,910			
Architects, Surveyors, and Cartographers		17-1000	1,730	1,920	190	10.8	160	N/A			
Architects, Except Landscape and Naval		17-1011	800	870	70	9.2	70	\$74,020	Bachelor's degree	None	Internship/residency
Surveyors		17-1022	580	660	90	14.7	60	\$60,900	Bachelor's degree	None	Internship/residency
Engineers		17-2000	18,240	20,920	2,680	14.7	1,500	N/A			
Aerospace Engineers		17-2011	1,670	1,820	150	9.3	110	\$100,020	Bachelor's degree	None	None
Chemical Engineers		17-2041	290	350	60	22.1	20	\$111,680	Bachelor's degree	None	None
Civil Engineers		17-2051	2,030	2,310	290	14.1	180	\$95,380	Bachelor's degree	None	None
Computer Hardware Engineers		17-2061	290	300	10	2.1	20	\$120,300	Bachelor's degree	None	None
Electrical Engineers		17-2071	1,740	2,020	280	16.2	150	\$99,680	Bachelor's degree	None	None
Electronics Engineers, Except Computer		17-2072	1,890	2,020	130	6.7	140	\$94,280	Bachelor's degree	None	None
Environmental Engineers		17-2081	680	740	60	8.5	60	\$91,560	Bachelor's degree	None	None
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors		17-2111	710	840	130	17.8	60	\$88,600	Bachelor's degree	None	None
Industrial Engineers		17-2112	2,000	2,490	490	24.3	190	\$85,060	Bachelor's degree	None	None
Materials Engineers		17-2131	280	320	40	15.5	20	\$89,410	Bachelor's degree	None	None
Mechanical Engineers		17-2141	1,990	2,370	380	19.3	170	\$88,780	Bachelor's degree	None	None
Petroleum Engineers		17-2171	1,780	2,270	480	27.1	180	\$149,590	Bachelor's degree	None	None
Engineers, All Other		17-2199	2,550	2,700	150	5.7	180	\$144,160	Bachelor's degree	None	None
Drafters, Engineering Technicians, and Mapping Technicians		17-3000	8,290	9,020	740	8.9	900	N/A			
Architectural and Civil Drafters		17-3011	1,320	1,370	50	3.8	130	\$56,010	Associate's degree	None	None
Electrical and Electronics Drafters		17-3012	350	410	60	15.9	40	\$58,470	Associate's degree	None	None
Mechanical Drafters		17-3013	800	850	50	6.4	80	\$61,440	Associate's degree	None	None
Aerospace Engineering and Operations Technicians		17-3021	170	210	40	22.5	20	\$52,330	Associate's degree	None	None
Civil Engineering Technicians		17-3022	400	430	30	8.2	40	\$54,770	Associate's degree	None	None
Electrical and Electronics Engineering Technicians		17-3023	1,360	1,470	110	8.2	140	\$67,430	Associate's degree	None	None
Electro-Mechanical Technicians		17-3024	70	90	20	23.9	10	\$60,910	Associate's degree	None	None
Environmental Engineering Technicians		17-3025	550	540	0	-0.2	50	\$54,330	Associate's degree	None	None
Industrial Engineering Technicians		17-3026	680	710	30	3.8	70	\$68,270	Associate's degree	None	None
Mechanical Engineering Technicians		17-3027	340	420	90	25.4	40	\$61,370	Associate's degree	None	None
Surveying and Mapping Technicians		17-3031	870	990	120	13.8	130	\$45,850	High school diploma or equivalent	None	Moderate-term on-the-job training
Calibration and Engineering Technologists and Technicians, Except Drafters, All Other		17-3098	1,330	1,480	150	11.2	140	\$61,600	Associate's degree	None	None
Life, Physical, and Social Science Occupations		19-0000	11,270	12,450	1,180	10.5	1,230	\$64,830			
Life Scientists		19-1000	2,070	2,200	130	6.1	190	N/A			
Food Scientists and Technologists		19-1012	80	90	10	12.7	10	\$71,490	Bachelor's degree	None	None
Soil and Plant Scientists		19-1013	100	100	0	-4.0	10	\$75,460	Bachelor's degree	None	None
Biochemists and Biophysicists		19-1021	90	110	20	17.8	10	N/A	Doctoral or professional degree	None	None

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		2020	2030	Number	Percent			Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Microbiologists	19-1022	150	180	30	23.3	20	\$50,250	Bachelor's degree	None	None	
Biological Scientists, All Other	19-1029	480	460	-20	-4.6	40	\$64,020	Bachelor's degree	None	None	
Conservation Scientists	19-1031	290	290	10	1.7	30	\$66,140	Bachelor's degree	None	None	
Epidemiologists	19-1041	90	110	20	19.3	10	\$64,780	Master's degree	None	None	
Medical Scientists, Except Epidemiologists	19-1042	560	640	80	14.6	50	\$73,530	Doctoral or professional degree	None	None	
Physical Scientists	19-2000	2,160	2,530	370	17.4	250	N/A				
Atmospheric and Space Scientists	19-2021	180	180	0	0.6	20	\$104,770	Bachelor's degree	None	None	
Chemists	19-2031	360	420	60	16.9	40	\$78,030	Bachelor's degree	None	None	
Environmental Scientists and Specialists, Including Health	19-2041	570	620	50	8.0	60	\$63,410	Bachelor's degree	None	None	
Geoscientists, Except Hydrologists and Geographers	19-2042	830	1,090	260	31.1	120	\$126,120	Bachelor's degree	None	None	
Physical Scientists, All Other	19-2099	110	110	0	1.9	10	\$94,280	Bachelor's degree	None	None	
Social Scientists and Related Workers	19-3000	2,060	2,160	100	5.1	160	N/A				
Clinical, Counseling, and School Psychologists	19-3031	570	630	60	9.6	50	\$73,490	Doctoral or professional degree	None	Internship/residency	
Psychologists, All Other	19-3039	390	390	0	-0.8	30	\$97,320	Master's degree	None	Internship/residency	
Urban and Regional Planners	19-3051	250	270	20	8.4	20	\$60,860	Master's degree	None	None	
Social Scientists and Related Workers, All Other	19-3099	210	190	-10	-6.8	20	\$76,720	Bachelor's degree	None	None	
Life, Physical, and Social Science Technicians	19-4000	3,640	4,060	420	11.6	500	N/A				
Agricultural and Food Science Technicians	19-4010	220	220	0	1.4	30	\$30,600	Associate's degree	None	Moderate-term on-the-job training	
Biological Technicians	19-4021	610	610	10	1.0	80	\$44,600	Bachelor's degree	None	None	
Chemical Technicians	19-4031	660	770	110	16.9	90	\$52,970	Associate's degree	None	Moderate-term on-the-job training	
Environmental Science and Protection Technicians, Including Health	19-4042	330	370	50	14.8	50	\$41,620	Associate's degree	None	None	
Geological and Hydrologic Technicians	19-4045	720	920	200	27.8	120	\$65,460	Associate's degree	None	Moderate-term on-the-job training	
Social Science Research Assistants	19-4061	210	220	20	9.3	30	\$35,920	Bachelor's degree	None	None	
Forest and Conservation Technicians	19-4071	110	110	-10	-5.3	10	\$49,430	Associate's degree	None	None	
Forensic Science Technicians	19-4092	210	210	0	0.5	30	\$61,400	Bachelor's degree	None	Moderate-term on-the-job training	
Life, Physical, and Social Science Technicians, All Other	19-4099	580	620	40	6.7	80	\$62,260	Associate's degree	None	None	
Occupational Health and Safety Specialists and Technicians	19-5000	1,340	1,500	160	11.6	120	N/A				
Occupational Health and Safety Specialists	19-5011	1,230	1,370	140	11.1	110	\$71,210	Bachelor's degree	None	None	
Occupational Health and Safety Technicians	19-5012	110	130	20	17.4	10	\$48,960	High school diploma or equivalent	None	Moderate-term on-the-job training	
Community and Social Service Occupations	21-0000	29,340	31,370	2,030	6.9	3,080	\$41,170				
Counselors, Social Workers, and Other Community and Social Service Specialists	21-1000	27,430	29,470	2,030	7.4	2,880	N/A				
Educational, Guidance, School, and Vocational Counselors	21-1012	3,790	4,140	350	9.2	400	\$47,060	Master's degree	None	None	
Marriage and Family Therapists	21-1013	740	850	100	13.7	80	\$55,450	Master's degree	None	Internship/residency	
Rehabilitation Counselors	21-1015	1,860	1,940	70	4.0	180	\$25,010	Master's degree	None	None	
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	21-1018	4,200	5,230	1,030	24.6	540	\$44,290	Bachelor's degree	None	None	
Child, Family, and School Social Workers	21-1021	6,580	6,140	-440	-6.7	540	\$38,740	Bachelor's degree	None	None	
Healthcare Social Workers	21-1022	2,430	2,770	350	14.4	270	\$50,580	Master's degree	None	Internship/residency	
Mental Health and Substance Abuse Social Workers	21-1023	1,360	1,530	170	12.7	150	\$36,680	Master's degree	None	Internship/residency	
Social Workers, All Other	21-1029	520	480	-40	-7.4	40	\$68,280	Bachelor's degree	None	None	
Health Educators	21-1091	1,070	1,170	100	9.6	130	\$58,960	Bachelor's degree	None	None	
Probation Officers and Correctional Treatment Specialists	21-1092	1,080	1,000	-80	-7.1	80	\$40,830	Bachelor's degree	None	Short-term on-the-job training	
Social and Human Service Assistants	21-1093	2,050	2,230	180	8.6	270	\$32,080	High school diploma or equivalent	None	Short-term on-the-job training	
Community Health Workers	21-1094	740	860	120	15.6	90	\$44,010	High school diploma or equivalent	None	Short-term on-the-job training	
Religious Workers	21-2000	1,910	1,910	0	-0.2	200	N/A				
Clergy	21-2011	1,120	1,150	30	2.4	120	\$49,320	Bachelor's degree	None	Moderate-term on-the-job training	
Directors, Religious Activities and Education	21-2021	580	560	-20	-3.5	60	\$30,540	Bachelor's degree	Less than 5 years	None	
Religious Workers, All Other	21-2099	210	200	-10	-4.7	30	\$22,640	Bachelor's degree	None	None	
Legal Occupations	23-0000	14,190	16,070	1,880	13.2	1,160	\$73,540				
Lawyers, Judges, and Related Workers	23-1000	9,750	10,830	1,080	11.1	590	N/A				
Lawyers	23-1011	8,550	9,780	1,230	14.3	550	\$98,970	Doctoral or professional degree	None	None	
Judicial Law Clerks	23-1012	80	70	-10	-9.1	0	\$36,410	Doctoral or professional degree	None	None	
Administrative Law Judges, Adjudicators, and Hearing Officers	23-1021	130	120	-20	-12.7	0	\$103,390	Doctoral or professional degree	5 years or more	Short-term on-the-job training	
Arbitrators, Mediators, and Conciliators	23-1022	60	60	10	8.9	0	\$48,630	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	
Judges, Magistrate Judges, and Magistrates	23-1023	930	800	-120	-13.3	30	\$63,710	Doctoral or professional degree	5 years or more	Short-term on-the-job training	
Legal Support Workers	23-2000	4,450	5,240	800	17.9	580	N/A				
Paralegals and Legal Assistants	23-2011	2,800	3,360	560	19.8	380	\$42,050	Associate's degree	None	None	
Title Examiners, Abstractors, and Searchers	23-2093	1,440	1,690	260	17.9	180	\$52,820	High school diploma or equivalent	None	Moderate-term on-the-job training	
Legal Support Workers, All Other	23-2099	210	190	-20	-8.3	20	\$50,400	Associate's degree	None	None	
Education, Training, and Library Occupations	25-0000	96,230	104,280	8,050	8.4	9,420	\$43,040				
Postsecondary Teachers	25-1000	14,790	16,670	1,880	12.7	1,630	N/A				
Business Teachers, Postsecondary	25-1011	770	800	30	4.3	80	\$63,060	Doctoral or professional degree	None	None	

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation		Employment		Employment Change		Average Annual	Median Annual	Education and Training Classification			
Title	Code	2020	2030	Number	Percent	Wage, Openings	Wage, 2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Mathematical Science Teachers, Postsecondary	25-1022	500	540	40	7.4	50	\$58,130	Doctoral or professional degree	None	None	
Engineering Teachers, Postsecondary	25-1032	260	290	40	14.0	30	\$67,150	Doctoral or professional degree	None	None	
Chemistry Teachers, Postsecondary	25-1052	190	200	10	6.3	20	\$64,200	Doctoral or professional degree	None	None	
Physics Teachers, Postsecondary	25-1054	70	80	0	5.4	10	\$76,220	Doctoral or professional degree	None	None	
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-1062	70	70	0	4.6	10	\$68,020	Doctoral or professional degree	None	None	
Economics Teachers, Postsecondary	25-1063	60	60	0	6.7	10	\$79,230	Doctoral or professional degree	None	None	
Political Science Teachers, Postsecondary	25-1065	100	100	0	6.1	10	\$62,570	Doctoral or professional degree	None	None	
Psychology Teachers, Postsecondary	25-1066	310	330	30	8.1	30	\$56,080	Doctoral or professional degree	None	None	
Sociology Teachers, Postsecondary	25-1067	90	90	10	7.0	10	\$52,370	Doctoral or professional degree	None	None	
Social Sciences Teachers, Postsecondary, All Other	25-1069	90	90	10	9.4	10	\$55,710	Doctoral or professional degree	None	None	
Health Specialties Teachers, Postsecondary	25-1071	4,660	5,650	990	21.2	570	\$75,380	Doctoral or professional degree	Less than 5 years	None	
Nursing Instructors and Teachers, Postsecondary	25-1072	600	740	150	24.5	80	\$62,420	Doctoral or professional degree	Less than 5 years	None	
Education Teachers, Postsecondary	25-1081	430	450	30	5.8	40	\$60,410	Doctoral or professional degree	Less than 5 years	None	
Art, Drama, and Music Teachers, Postsecondary	25-1121	880	940	60	6.9	90	\$56,840	Master's degree	None	None	
Communications Teachers, Postsecondary	25-1122	250	270	20	8.1	30	\$56,930	Doctoral or professional degree	None	None	
English Language and Literature Teachers, Postsecondary	25-1123	570	620	40	7.3	60	\$50,120	Doctoral or professional degree	None	None	
Foreign Language and Literature Teachers, Postsecondary	25-1124	80	80	0	5.3	10	\$49,610	Doctoral or professional degree	None	None	
History Teachers, Postsecondary	25-1125	220	240	20	8.3	20	\$58,050	Doctoral or professional degree	None	None	
Philosophy and Religion Teachers, Postsecondary	25-1126	180	190	10	8.0	20	\$57,030	Doctoral or professional degree	None	None	
Recreation and Fitness Studies Teachers, Postsecondary	25-1193	200	210	10	5.5	20	\$60,690	Doctoral or professional degree	None	None	
Vocational Education Teachers, Postsecondary	25-1194	2,070	2,310	240	11.7	220	\$56,270	Bachelor's degree	Less than 5 years	None	
Postsecondary Teachers, All Other	25-1199	1,050	1,090	40	4.0	100	\$46,730	Doctoral or professional degree	None	None	
Preschool, Primary, Secondary, and Special Education School Teachers	25-2000	50,830	54,520	3,690	7.3	4,310	N/A				
Preschool Teachers, Except Special Education	25-2011	7,030	7,700	670	9.5	800	\$29,270	Associate's degree	None	None	
Kindergarten Teachers, Except Special Education	25-2012	1,720	1,840	130	7.3	190	\$44,940	Bachelor's degree	None	None	
Elementary School Teachers, Except Special Education	25-2021	16,130	17,210	1,080	6.7	1,290	\$45,810	Bachelor's degree	None	None	
Middle School Teachers, Except Special and Career/Technical Education	25-2022	7,280	7,770	490	6.8	580	\$46,600	Bachelor's degree	None	None	
Career/Technical Education Teachers, Middle School	25-2023	160	170	10	6.4	10	\$45,150	Bachelor's degree	Less than 5 years	None	
Secondary School Teachers, Except Special and Career/Technical Education	25-2031	13,060	13,990	930	7.1	1,000	\$48,370	Bachelor's degree	None	None	
Career/Technical Education Teachers, Secondary School	25-2032	830	890	60	7.2	60	\$47,020	Bachelor's degree	Less than 5 years	None	
Special Education Teachers, Preschool	25-2051	100	110	10	9.0	10	\$37,880	Bachelor's degree	None	None	
Special Education Teachers, Kindergarten and Elementary School	25-2052	1,910	2,040	130	6.9	160	\$48,990	Bachelor's degree	None	None	
Special Education Teachers, Middle School	25-2057	860	920	60	6.7	70	\$49,170	Bachelor's degree	None	None	
Special Education Teachers, Secondary School	25-2058	1,700	1,820	120	6.8	140	\$48,890	Bachelor's degree	None	None	
Special Education Teachers, All Other	25-2059	60	70	10	8.3	0	\$43,780	Bachelor's degree	None	None	
Other Teachers and Instructors	25-3000	10,840	12,140	1,290	11.9	1,430	N/A				
Adult Basic and Secondary Education and Literacy Teachers and Instructors	25-3011	520	520	0	0.4	60	\$39,410	Bachelor's degree	None	None	
Self-Enrichment Education Teachers	25-3021	2,690	3,150	460	17.1	380	\$36,570	High school diploma or equivalent	Less than 5 years	None	
Substitute Teachers, Short-Term	25-3031	4,870	5,440	570	11.8	640	\$19,140	Bachelor's degree	None	None	
Teachers and Instructors, All Other, Except Substitute Teachers	25-3097	2,770	3,030	260	9.3	350	\$43,340	Bachelor's degree	None	None	
Librarians, Curators, and Archivists	25-4000	3,340	3,520	170	5.2	390	N/A				
Archivists	25-4011	120	130	10	4.9	20	\$40,230	Master's degree	None	None	
Curators	25-4012	140	170	30	20.3	20	\$49,890	Master's degree	None	None	
Museum Technicians and Conservators	25-4013	200	230	30	17.1	30	\$32,850	Bachelor's degree	None	None	
Librarians and Media Collections Specialists	25-4022	1,960	2,090	130	6.8	200	\$47,720	Master's degree	None	None	
Library Technicians	25-4031	920	890	-30	-3.2	130	\$27,430	Postsecondary non-degree award	None	None	
Other Education, Training, and Library Occupations	25-9000	16,420	17,440	1,020	6.2	1,660	\$30,330				
Instructional Coordinators	25-9031	2,250	2,370	120	5.2	230	\$51,900	Master's degree	5 years or more	None	
Teaching Assistants, Except Postsecondary	25-9045	12,830	13,690	860	6.7	1,300	\$19,910	Some college, no degree	None	None	
Education, Training, and Library Workers, All Other	25-9099	930	930	0	-0.1	90	\$43,260	Bachelor's degree	None	None	
Arts, Design, Entertainment, Sports, and Media Occupations	27-0000	22,400	24,820	2,420	10.8	2,640	\$38,810				
Art and Design Workers	27-1000	6,900	7,100	200	3.0	670	N/A				
Art Directors	27-1011	410	460	40	10.4	50	\$74,280	Bachelor's degree	5 years or more	None	
Craft Artists	27-1012	330	360	30	9.9	40	\$39,570	No formal educational credential	None	Long-term on-the-job training	
Fine Artists, Including Painters, Sculptors, and Illustrators	27-1013	100	110	10	14.7	10	N/A	Bachelor's degree	None	Long-term on-the-job training	
Multimedia Artists and Animators	27-1014	310	350	40	12.9	40	\$47,870	Bachelor's degree	None	None	
Commercial and Industrial Designers	27-1021	130	140	10	7.6	10	\$57,050	Bachelor's degree	None	None	
Floral Designers	27-1023	520	350	-180	-33.8	20	\$25,080	High school diploma or equivalent	None	Moderate-term on-the-job training	
Graphic Designers	27-1024	2,090	2,200	120	5.7	210	\$40,930	Bachelor's degree	None	None	
Interior Designers	27-1025	730	740	10	1.8	70	\$47,000	Bachelor's degree	None	None	
Merchandise Displayers and Window Trimmers	27-1026	1,990	2,070	80	4.1	190	\$29,890	High school diploma or equivalent	None	Short-term on-the-job training	

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation	Employment	Employment Change	Average Annual Wage, 2020 ¹	Median Annual Wage, 2020 ¹	Education and Training Classification					
					Work Experience in a Related Occupation ³	Typical Entry-Level Education ²	Typical on-the-job Training ⁴			
Title	Code	2020	2030	Number	Percent	Openings	2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Entertainers and Performers, Sports and Related Workers	27-2000	5,320	6,480	1,160	21.8	860	N/A			
Actors	27-2011	60	70	10	25.5	10	N/A	Some college, no degree	None	Long-term on-the-job training
Producers and Directors	27-2012	710	790	90	12.2	70	\$51,240	Bachelor's degree	Less than 5 years	None
Athletes and Sports Competitors	27-2021	310	400	100	31.4	60	\$35,390	No formal educational credential	None	Long-term on-the-job training
Coaches and Scouts	27-2022	2,810	3,550	740	26.3	510	\$28,590	Bachelor's degree	None	None
Choreographers	27-2032	160	200	40	26.9	30	N/A	High school diploma or equivalent	5 years or more	Long-term on-the-job training
Music Directors and Composers	27-2041	280	310	20	8.5	40	\$43,920	Bachelor's degree	Less than 5 years	None
Musicians and Singers	27-2042	690	750	60	8.9	90	N/A	No formal educational credential	None	Long-term on-the-job training
Miscellaneous Entertainers and Performers, Sports and Related Workers	27-2090	100	130	30	25.7	10	N/A	No formal educational credential	None	Short-term on-the-job training
Media and Communication Workers	27-3000	7,470	8,070	600	8.1	790	N/A			
Radio and Television Announcers	27-3011	370	400	30	8.2	40	\$19,810	Bachelor's degree	None	None
News Analysts, Reporters, and Journalists	27-3023	550	610	60	10.4	70	\$39,210	Bachelor's degree	None	None
Public Relations Specialists	27-3031	2,780	2,960	180	6.4	280	\$53,550	Bachelor's degree	None	None
Editors	27-3041	960	1,030	70	6.8	100	\$50,210	Bachelor's degree	Less than 5 years	None
Technical Writers	27-3042	790	880	90	11.6	80	\$60,490	Bachelor's degree	Less than 5 years	Short-term on-the-job training
Writers and Authors	27-3043	1,270	1,350	70	5.7	130	\$44,270	Bachelor's degree	None	Long-term on-the-job training
Interpreters and Translators	27-3091	660	770	110	16.2	80	\$33,420	Bachelor's degree	None	None
Media and Communication Equipment Workers	27-4000	2,710	3,170	450	16.7	320	N/A			
Audio and Video Equipment Technicians	27-4011	670	810	140	21.1	90	\$44,880	Postsecondary non-degree award	None	Short-term on-the-job training
Broadcast Technicians	27-4012	210	230	10	6.5	20	\$31,330	Associate's degree	None	None
Sound Engineering Technicians	27-4014	100	110	10	8.9	10	\$42,820	Postsecondary non-degree award	None	Short-term on-the-job training
Photographers	27-4021	980	1,150	170	16.8	110	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
Camera Operators, Television, Video, and Motion Picture	27-4031	440	520	80	17.5	50	\$46,140	Bachelor's degree	None	None
Film and Video Editors	27-4032	230	270	40	19.1	30	\$40,200	Bachelor's degree	None	None
Lighting Technicians and Media and Communication Equipment Workers, All Other	27-4098	80	80	0	2.6	10	\$62,250	High school diploma or equivalent	None	Short-term on-the-job training
Healthcare Practitioners and Technical Occupations	29-0000	117,430	134,530	17,100	14.6	8,840	\$59,610			
Health Diagnosing and Treating Practitioners	29-1000	71,480	82,300	10,820	15.1	4,740	N/A			
Chiropractors	29-1011	650	770	120	19.0	30	\$77,480	Doctoral or professional degree	None	None
Dentists, General	29-1021	1,480	1,720	240	16.2	70	\$160,170	Doctoral or professional degree	None	None
Dentists, All Other Specialists	29-1029	70	60	-10	-8.7	0	\$179,330	Doctoral or professional degree	None	Internship/residency
Dietitians and Nutritionists	29-1031	880	990	110	12.6	70	\$61,280	Bachelor's degree	None	Internship/residency
Optometrists	29-1041	820	960	150	18.0	40	\$105,340	Doctoral or professional degree	None	None
Pharmacists	29-1051	4,030	4,270	240	5.9	180	\$122,770	Doctoral or professional degree	None	None
Physician Assistants	29-1071	1,650	2,230	590	35.6	160	\$118,370	Master's degree	None	None
Podiatrists	29-1081	60	60	10	10.5	10	\$173,860	Doctoral or professional degree	None	Internship/residency
Occupational Therapists	29-1122	930	1,130	200	21.8	80	\$91,370	Master's degree	None	None
Physical Therapists	29-1123	2,320	2,890	570	24.4	160	\$93,010	Doctoral or professional degree	None	None
Radiation Therapists	29-1124	340	390	60	16.6	30	N/A	Associate's degree	None	None
Recreational Therapists	29-1125	180	190	10	5.6	20	\$37,360	Bachelor's degree	None	None
Respiratory Therapists	29-1126	2,060	2,600	540	26.4	160	\$57,940	Associate's degree	None	None
Speech-Language Pathologists	29-1127	1,680	2,230	550	32.8	170	\$71,480	Master's degree	None	Internship/residency
Exercise Physiologists	29-1128	390	440	50	13.6	30	\$46,420	Bachelor's degree	None	None
Therapists, All Other	29-1129	70	70	10	12.3	10	N/A	Bachelor's degree	None	None
Veterinarians	29-1131	1,360	1,650	290	21.7	80	\$66,860	Doctoral or professional degree	None	None
Registered Nurses	29-1141	39,290	43,960	4,680	11.9	2,630	\$65,680	Bachelor's degree	None	None
Nurse Anesthetists	29-1151	370	460	90	23.7	30	\$179,360	Master's degree	None	None
Nurse Practitioners	29-1171	2,150	3,170	1,020	47.6	240	\$109,690	Master's degree	None	None
Audiologists	29-1181	80	100	20	24.7	10	\$88,930	Doctoral or professional degree	None	None
Anesthesiologists	29-1211	500	540	40	8.9	20	N/A	Doctoral or professional degree	None	Internship/residency
Family Medicine Physicians	29-1215	1,930	2,150	220	11.5	80	\$203,670	Doctoral or professional degree	None	Internship/residency
General Internal Medicine Physicians	29-1216	510	530	30	5.4	20	N/A	Doctoral or professional degree	None	Internship/residency
Obstetricians and Gynecologists	29-1218	130	140	10	5.4	10	N/A	Doctoral or professional degree	None	Internship/residency
Pediatricians, General	29-1221	120	120	0	2.5	0	\$187,780	Doctoral or professional degree	None	Internship/residency
Psychiatrists	29-1223	200	220	30	12.6	10	N/A	Doctoral or professional degree	None	Internship/residency
Physicians, All Other; and Ophthalmologists, Except Pediatric	29-1228	3,550	3,850	300	8.3	130	N/A	Doctoral or professional degree	None	Internship/residency
Surgeons, Except Ophthalmologists	29-1248	450	470	20	4.0	10	N/A	Doctoral or professional degree	None	Internship/residency
Dental Hygienists	29-1292	2,750	3,330	580	21.2	240	\$81,010	Associate's degree	None	None
Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	29-1298	390	440	50	12.5	30	\$62,260	Master's degree	None	None
Health Technologists and Technicians	29-2000	43,380	49,290	5,910	13.6	3,870	N/A			
Clinical Laboratory Technologists and Technicians	29-2010	4,890	5,670	780	15.9	410	\$46,410	Bachelor's degree	None	None
Cardiovascular Technologists and Technicians	29-2031	870	970	100	11.0	80	\$44,100	Associate's degree	None	None

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation		Employment		Employment Change		Average Annual	Median Annual	Education and Training Classification			
Title	Code	2020	2030	Number	Percent	Wage, Openings	Wage, 2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Diagnostic Medical Sonographers	29-2032	1,110	1,360	240	22.0	110	\$71,810	Associate's degree	None	None	
Nuclear Medicine Technologists	29-2033	240	260	30	10.5	20	\$71,690	Associate's degree	None	None	
Radiologic Technologists	29-2034	3,320	3,700	380	11.5	290	\$56,700	Associate's degree	None	None	
Magnetic Resonance Imaging Technologists	29-2035	630	680	60	9.1	50	\$69,130	Associate's degree	Less than 5 years	None	
Emergency Medical Technicians and Paramedics	29-2040	3,420	3,940	520	15.2	290	\$35,380	Postsecondary non-degree award	None	None	
Dietetic Technicians	29-2051	270	280	10	3.3	20	\$24,430	Associate's degree	None	None	
Pharmacy Technicians	29-2052	5,100	5,860	760	15.0	460	\$31,230	High school diploma or equivalent	None	Moderate-term on-the-job training	
Psychiatric Technicians	29-2053	1,260	1,450	190	15.2	110	\$28,020	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training	
Surgical Technologists	29-2055	2,200	2,470	260	11.9	190	\$43,780	Postsecondary non-degree award	None	None	
Veterinary Technologists and Technicians	29-2056	950	1,130	190	19.5	90	\$32,060	Associate's degree	None	None	
Ophthalmic Medical Technicians	29-2057	340	420	90	25.4	30	\$34,310	Postsecondary non-degree award	None	None	
Licensed Practical and Licensed Vocational Nurses	29-2061	13,700	15,370	1,670	12.2	1,260	\$43,170	Postsecondary non-degree award	None	None	
Opticians, Dispensing	29-2081	780	930	160	20.5	80	\$29,040	High school diploma or equivalent	None	Long-term on-the-job training	
Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	29-2098	4,190	4,650	470	11.1	360	\$41,130	Postsecondary non-degree award	None	None	
Other Healthcare Practitioners and Technical Occupations	29-9000	2,580	2,940	360	14.1	230	N/A				
Athletic Trainers	29-9091	250	340	90	36.0	30	\$49,510	Bachelor's degree	None	None	
Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	29-9098	2,310	2,580	270	11.7	200	\$38,590	Postsecondary non-degree award	None	None	
Healthcare Support Occupations	31-0000	66,880	79,960	13,080	19.6	10,170	\$26,690				
Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides	31-1100	43,460	51,100	7,640	17.6	6,470	N/A				
Home Health and Personal Care Aides	31-1120	20,740	26,510	5,770	27.8	3,430	\$20,390	High school diploma or equivalent	None	Short-term on-the-job training	
Nursing Assistants	31-1131	21,660	23,400	1,740	8.0	2,890	\$26,520	Postsecondary non-degree award	None	None	
Occupational Therapy and Physical Therapist Assistants and Aides	31-2000	2,890	4,060	1,170	40.5	530	N/A				
Occupational Therapy Assistants	31-2011	650	930	270	42.1	120	\$63,580	Associate's degree	None	None	
Occupational Therapy Aides	31-2012	70	80	10	14.3	10	\$30,990	High school diploma or equivalent	None	Short-term on-the-job training	
Physical Therapist Assistants	31-2021	1,490	2,120	630	42.2	280	\$57,980	Associate's degree	None	None	
Physical Therapist Aides	31-2022	680	930	260	37.8	120	\$20,940	High school diploma or equivalent	None	Short-term on-the-job training	
Other Healthcare Support Occupations	31-9000	20,530	24,810	4,280	20.8	3,170	N/A				
Dental Assistants	31-9091	4,070	4,860	790	19.3	600	\$37,880	Postsecondary non-degree award	None	None	
Medical Assistants	31-9092	9,320	11,550	2,230	23.9	1,430	\$30,750	Postsecondary non-degree award	None	None	
Medical Equipment Preparers	31-9093	690	780	80	12.2	100	\$33,900	High school diploma or equivalent	None	Moderate-term on-the-job training	
Medical Transcriptionists	31-9094	630	740	110	16.8	110	\$37,770	Postsecondary non-degree award	None	None	
Pharmacy Aides	31-9095	880	820	-60	-6.5	100	\$23,990	High school diploma or equivalent	None	Short-term on-the-job training	
Veterinary Assistants and Laboratory Animal Caretakers	31-9096	1,680	2,040	370	22.0	330	\$27,520	High school diploma or equivalent	None	Short-term on-the-job training	
Phlebotomists	31-9097	1,960	2,500	550	27.9	310	\$30,070	Postsecondary non-degree award	None	None	
Protective Service Occupations	33-0000	38,160	41,750	3,590	9.4	4,560	\$38,320				
Supervisors of Protective Service Workers	33-1000	5,560	6,010	460	8.3	460	N/A				
First-Line Supervisors of Correctional Officers	33-1011	560	510	-60	-10.0	40	\$49,970	High school diploma or equivalent	Less than 5 years	None	
First-Line Supervisors of Police and Detectives	33-1012	2,690	2,870	190	6.9	190	\$79,410	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
First-Line Supervisors of Fire Fighting and Prevention Workers	33-1021	1,210	1,310	90	7.8	90	\$81,420	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training	
Miscellaneous First-Line Supervisors, Protective Service Workers	33-1090	1,100	1,330	240	21.6	140	\$48,040	High school diploma or equivalent	Less than 5 years	None	
Fire Fighting and Prevention Workers	33-2000	4,250	4,610	370	8.7	370	N/A				
Firefighters	33-2011	3,990	4,350	350	8.9	340	\$42,830	Postsecondary non-degree award	None	Long-term on-the-job training	
Law Enforcement Workers	33-3000	13,650	13,620	-30	-0.2	1,110	N/A				
Correctional Officers and Jailers	33-3012	4,760	4,480	-280	-6.0	400	\$35,480	High school diploma or equivalent	None	Moderate-term on-the-job training	
Detectives and Criminal Investigators	33-3021	990	900	-90	-8.9	60	\$60,790	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Fish and Game Wardens	33-3031	200	170	-30	-15.6	20	\$46,820	Bachelor's degree	None	Moderate-term on-the-job training	
Police and Sheriff's Patrol Officers	33-3051	7,610	7,990	390	5.1	630	\$45,650	High school diploma or equivalent	None	Moderate-term on-the-job training	
Other Protective Service Workers	33-9000	14,710	17,510	2,790	19.0	2,630	N/A				
Animal Control Workers	33-9011	290	310	30	9.5	30	\$31,110	High school diploma or equivalent	None	Moderate-term on-the-job training	
Gaming Surveillance Officers and Gaming Investigators	33-9031	1,430	1,850	420	29.4	260	\$29,630	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Security Guards	33-9032	10,230	12,100	1,870	18.2	1,640	\$30,240	High school diploma or equivalent	None	Short-term on-the-job training	
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	33-9092	1,050	1,440	390	37.3	350	\$19,450	No formal educational credential	None	Short-term on-the-job training	
Transportation Security Screeners	33-9093	280	250	-30	-9.6	20	\$40,120	High school diploma or equivalent	None	Short-term on-the-job training	
School Bus Monitors and Protective Service Workers, All Other	33-9098	980	1,030	50	4.7	250	\$31,200	High school diploma or equivalent	None	Short-term on-the-job training	
Food Preparation and Serving Related Occupations	35-0000	155,720	192,440	36,720	23.6	33,760	\$20,390				
Supervisors of Food Preparation and Serving Workers	35-1000	14,980	18,840	3,870	25.8	2,850	N/A				
Chefs and Head Cooks	35-1011	640	850	210	33.0	120	\$52,290	High school diploma or equivalent	5 years or more	None	
First-Line Supervisors of Food Preparation and Serving Workers	35-1012	14,330	17,990	3,650	25.5	2,730	\$29,830	High school diploma or equivalent	Less than 5 years	None	
Cooks and Food Preparation Workers	35-2000	55,090	67,590	12,500	22.7	10,350	N/A				
Cooks, Fast Food	35-2011	13,590	13,780	190	1.4	2,000	\$19,420	No formal educational credential	None	Short-term on-the-job training	
Cooks, Institution and Cafeteria	35-2012	10,900	11,600	690	6.4	1,690	\$21,890	No formal educational credential	None	Short-term on-the-job training	

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation	Employment	Employment Change	Median Annual Wage, \$			Education and Training Classification				
			2020	2030	Number	Percent	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Title	Code	2020	2030	Number	Percent	Average Annual Openings	2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Cooks, Restaurant	35-2014	18,080	27,870	9,790	54.1	4,300	\$24,790	No formal educational credential	Less than 5 years	Moderate-term on-the-job training
Cooks, Short Order	35-2015	3,600	4,130	530	14.8	610	\$21,210	No formal educational credential	None	Short-term on-the-job training
Food Preparation Workers	35-2021	8,630	9,880	1,250	14.4	1,700	\$20,580	No formal educational credential	None	Short-term on-the-job training
Food and Beverage Serving Workers	35-3000	73,900	90,740	16,850	22.8	17,680	N/A			
Bartenders	35-3011	8,030	10,710	2,680	33.3	1,830	\$18,960	No formal educational credential	None	Short-term on-the-job training
Fast Food and Counter Workers	35-3023	38,720	46,290	7,570	19.6	9,370	\$19,640	No formal educational credential	None	Short-term on-the-job training
Waiters and Waitresses	35-3031	25,780	32,140	6,360	24.7	6,220	\$18,870	No formal educational credential	None	Short-term on-the-job training
Food Servers, Nonrestaurant	35-3041	1,370	1,600	240	17.3	260	\$20,130	No formal educational credential	None	Short-term on-the-job training
Other Food Preparation and Serving Related Workers	35-9000	11,750	15,270	3,520	29.9	2,890	N/A			
Dining Room and Cafeteria Attendants and Bartender Helpers	35-9011	3,780	5,060	1,280	33.9	890	\$19,410	No formal educational credential	None	Short-term on-the-job training
Dishwashers	35-9021	3,990	4,980	990	24.8	810	\$22,070	No formal educational credential	None	Short-term on-the-job training
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	35-9031	3,870	5,090	1,220	31.5	1,160	\$19,520	No formal educational credential	None	Short-term on-the-job training
Food Preparation and Serving Related Workers, All Other	35-9099	120	150	30	20.7	30	\$20,120	No formal educational credential	None	Short-term on-the-job training
Building and Grounds Cleaning and Maintenance Occupations	37-0000	51,230	57,800	6,570	12.8	7,710	\$25,020			
Supervisors of Building and Grounds Cleaning and Maintenance Workers	37-1000	4,750	5,170	420	8.9	580	N/A			
First-Line Supervisors of Housekeeping and Janitorial Workers	37-1011	2,770	3,050	280	10.2	350	\$35,040	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	37-1012	1,980	2,120	140	7.1	230	\$48,370	High school diploma or equivalent	Less than 5 years	None
Building Cleaning and Pest Control Workers	37-2000	34,110	38,800	4,690	13.8	5,300	N/A			
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	37-2011	19,050	21,130	2,080	10.9	2,870	\$23,770	No formal educational credential	None	Short-term on-the-job training
Maids and Housekeeping Cleaners	37-2012	13,720	16,120	2,400	17.5	2,210	\$22,090	No formal educational credential	None	Short-term on-the-job training
Building Cleaning Workers, All Other	37-2019	210	230	20	11.4	30	\$30,080	No formal educational credential	None	Short-term on-the-job training
Pest Control Workers	37-2021	1,140	1,320	190	16.3	180	\$31,620	High school diploma or equivalent	None	Moderate-term on-the-job training
Grounds Maintenance Workers	37-3000	12,370	13,830	1,460	11.8	1,830	N/A			
Landscaping and Groundskeeping Workers	37-3011	10,950	12,250	1,300	11.8	1,620	\$29,000	No formal educational credential	None	Short-term on-the-job training
Tree Trimmers and Pruners	37-3013	1,010	1,130	120	11.8	150	\$38,900	High school diploma or equivalent	None	Short-term on-the-job training
Personal Care and Service Occupations	39-0000	39,170	47,020	7,850	20.0	6,820	\$23,390			
Supervisors of Personal Care and Service Workers	39-1000	2,820	3,580	770	27.2	420	N/A			
First-Line Supervisors of Gambling Services Workers	39-1013	970	1,300	330	34.2	150	\$38,690	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Personal Service & Entertainment and Recreation Workers, Exc Gambling Service	39-1098	1,850	2,280	430	23.5	260	\$33,360	High school diploma or equivalent	Less than 5 years	None
Animal Care and Service Workers	39-2000	4,090	5,020	920	22.5	740	N/A			
Animal Trainers	39-2011	620	720	100	16.9	90	\$28,210	High school diploma or equivalent	None	Moderate-term on-the-job training
Nonfarm Animal Caretakers	39-2021	3,480	4,300	820	23.5	660	\$23,740	High school diploma or equivalent	None	Short-term on-the-job training
Entertainment Attendants and Related Workers	39-3000	5,220	7,070	1,850	35.4	1,330	N/A			
Gaming Dealers	39-3011	1,930	2,640	710	36.6	400	\$19,340	High school diploma or equivalent	None	Short-term on-the-job training
Gaming and Sports Book Writers and Runners	39-3012	210	290	80	36.5	40	\$19,780	High school diploma or equivalent	None	Short-term on-the-job training
Gaming Service Workers, All Other	39-3019	50	70	20	31.4	10	\$23,390	High school diploma or equivalent	None	Short-term on-the-job training
Ushers, Lobby Attendants, and Ticket Takers	39-3031	990	1,320	330	33.6	300	\$18,380	No formal educational credential	None	Short-term on-the-job training
Amusement and Recreation Attendants	39-3091	1,810	2,430	620	34.4	510	\$19,520	No formal educational credential	None	Short-term on-the-job training
Locker Room, Coatroom, and Dressing Room Attendants	39-3093	150	200	50	35.2	40	\$22,220	High school diploma or equivalent	None	Short-term on-the-job training
Funeral Service Workers	39-4000	980	920	-60	-6.0	110	N/A			
Embalmers	39-4011	110	100	-10	-8.9	10	\$45,690	Associate's degree	None	Long-term on-the-job training
Funeral Attendants	39-4021	580	550	-30	-5.5	70	\$25,010	High school diploma or equivalent	None	Short-term on-the-job training
Morticians, Undertakers, and Funeral Directors	39-4031	290	270	-20	-5.9	30	\$43,140	Associate's degree	None	Long-term on-the-job training
Personal Appearance Workers	39-5000	6,810	7,910	1,100	16.2	900	N/A			
Hairdressers, Hairstylists, and Cosmetologists	39-5012	5,810	6,690	880	15.2	770	\$25,120	Postsecondary non-degree award	None	None
Skincare Specialists	39-5094	380	480	100	26.1	60	\$56,600	Postsecondary non-degree award	None	None
Baggage Porters, Bellhops, and Concierges	39-6000	1,150	1,480	320	27.9	200	N/A			
Baggage Porters and Bellhops	39-6011	470	630	170	36.3	90	\$21,790	High school diploma or equivalent	None	Short-term on-the-job training
Concierges	39-6012	690	840	150	22.2	110	\$24,280	High school diploma or equivalent	None	Moderate-term on-the-job training
Tour and Travel Guides	39-7000	310	400	100	31.2	70	N/A			
Tour and Travel Guides	39-7010	310	400	100	31.2	70	\$24,370	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Personal Care and Service Workers	39-9000	17,790	20,640	2,850	16.0	3,050	N/A			
Childcare Workers	39-9011	9,350	9,910	560	6.0	1,380	\$20,130	High school diploma or equivalent	None	Short-term on-the-job training
Fitness Trainers and Aerobics Instructors	39-9031	4,170	5,890	1,730	41.4	940	\$39,480	High school diploma or equivalent	None	Short-term on-the-job training
Recreation Workers	39-9032	2,800	3,210	410	14.4	500	\$26,320	High school diploma or equivalent	None	Short-term on-the-job training
Residential Advisors	39-9041	1,010	1,090	80	7.9	160	\$24,350	High school diploma or equivalent	None	Short-term on-the-job training
Crematory Operators and Personal Care and Service Workers, All Other	39-9098	460	540	80	17.4	70	\$22,670	High school diploma or equivalent	None	Short-term on-the-job training
Sales and Related Occupations	41-0000	167,820	174,650	6,830	4.1	23,240	\$26,870			
Supervisors of Sales Workers	41-1000	25,550	25,690	150	0.6	2,610	N/A			
First-Line Supervisors of Retail Sales Workers	41-1011	20,300	20,430	130	0.6	2,140	\$36,600	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Non-Retail Sales Workers	41-1012	5,240	5,260	20	0.4	470	\$65,360	High school diploma or equivalent	Less than 5 years	None

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Occupation	Employment	Employment Change		Average Annual Openings	Median Annual Wage, 2020 ¹	Education and Training Classification				
		2020	2030			Number	Percent	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Title	Code	2020	2030	Number	Percent	Openings	2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Retail Sales Workers	41-2000	94,990	99,010	4,020	4.2	15,450	N/A			
Cashiers	41-2011	40,680	39,050	-1,630	-4.0	7,050	\$21,250	No formal educational credential	None	Short-term on-the-job training
Gaming Change Persons and Booth Cashiers	41-2012	1,620	2,110	480	29.8	390	\$22,680	No formal educational credential	None	Short-term on-the-job training
Counter and Rental Clerks	41-2021	2,680	3,100	420	15.5	370	\$25,840	No formal educational credential	None	Short-term on-the-job training
Parts Salespersons	41-2022	3,670	4,080	410	11.1	500	\$30,850	No formal educational credential	None	Moderate-term on-the-job training
Retail Salespersons	41-2031	46,340	50,670	4,340	9.4	7,150	\$24,330	No formal educational credential	None	Short-term on-the-job training
Sales Representatives, Services	41-3000	18,190	18,830	640	3.5	1,970	N/A			
Advertising Sales Agents	41-3011	800	830	30	3.5	100	\$43,170	High school diploma or equivalent	None	Moderate-term on-the-job training
Insurance Sales Agents	41-3021	6,040	4,820	-1,210	-20.1	360	\$41,830	High school diploma or equivalent	None	Moderate-term on-the-job training
Securities, Commodities, and Financial Services Sales Agents	41-3031	2,290	2,510	220	9.6	230	\$53,980	Bachelor's degree	None	Moderate-term on-the-job training
Travel Agents	41-3041	250	270	20	7.2	30	\$38,390	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	41-3091	8,820	10,410	1,580	17.9	1,240	\$45,930	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Representatives, Wholesale and Manufacturing	41-4000	15,140	16,350	1,210	8.0	1,650	N/A			
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41-4011	5,770	6,350	570	10.0	650	\$72,830	Bachelor's degree	None	Moderate-term on-the-job training
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	41-4012	9,370	10,010	640	6.8	1,010	\$50,190	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Sales and Related Workers	41-9000	13,950	14,770	820	5.9	1,560	N/A			
Demonstrators and Product Promoters	41-9011	330	350	20	6.8	60	\$31,250	No formal educational credential	None	Short-term on-the-job training
Real Estate Brokers	41-9021	1,550	1,610	60	3.7	140	\$31,870	High school diploma or equivalent	Less than 5 years	None
Real Estate Sales Agents	41-9022	7,520	7,850	330	4.4	690	\$43,710	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Engineers	41-9031	380	440	70	17.6	50	\$86,720	Bachelor's degree	None	Moderate-term on-the-job training
Telemarketers	41-9041	1,220	1,350	130	10.5	200	\$27,410	No formal educational credential	None	Short-term on-the-job training
Office and Administrative Support Occupations	43-0000	229,790	234,370	4,580	2.0	25,730	\$34,450			
Supervisors of Office and Administrative Support Workers	43-1000	20,290	20,950	660	3.2	2,090	N/A			
First-Line Supervisors of Office and Administrative Support Workers	43-1011	20,290	20,950	660	3.2	2,090	\$50,850	High school diploma or equivalent	Less than 5 years	None
Communications Equipment Operators	43-2000	770	660	-110	-14.3	70	N/A			
Switchboard Operators, Including Answering Service	43-2011	720	620	-100	-14.1	60	\$25,850	High school diploma or equivalent	None	Short-term on-the-job training
Financial Clerks	43-3000	44,610	45,230	620	1.4	4,840	N/A			
Bill and Account Collectors	43-3011	2,940	3,150	200	6.9	350	\$33,270	High school diploma or equivalent	None	Moderate-term on-the-job training
Billing and Posting Clerks	43-3021	6,700	6,910	210	3.2	720	\$35,390	High school diploma or equivalent	None	Moderate-term on-the-job training
Bookkeeping, Accounting, and Auditing Clerks	43-3031	23,140	23,240	100	0.4	2,550	\$38,460	Some college, no degree	None	Moderate-term on-the-job training
Gaming Cage Workers	43-3041	1,140	1,550	410	35.7	180	\$23,500	High school diploma or equivalent	None	Short-term on-the-job training
Payroll and Timekeeping Clerks	43-3051	2,370	2,130	-230	-9.8	210	\$46,630	High school diploma or equivalent	None	Moderate-term on-the-job training
Procurement Clerks	43-3061	1,010	940	-70	-6.7	80	\$45,110	High school diploma or equivalent	None	Moderate-term on-the-job training
Tellers	43-3071	7,200	7,180	-20	-0.3	740	\$26,510	High school diploma or equivalent	None	Short-term on-the-job training
Financial Clerks, All Other	43-3099	110	130	20	16.1	10	\$32,490	High school diploma or equivalent	None	Short-term on-the-job training
Information and Record Clerks	43-4000	64,350	70,250	5,910	9.2	8,740	N/A			
Brokerage Clerks	43-4011	260	240	-20	-9.1	30	\$56,870	High school diploma or equivalent	None	Moderate-term on-the-job training
Court, Municipal, and License Clerks	43-4031	3,250	3,640	390	12.1	380	\$32,210	High school diploma or equivalent	None	Long-term on-the-job training
Credit Authorizers, Checkers, and Clerks	43-4041	380	410	30	6.5	40	\$35,610	High school diploma or equivalent	None	Moderate-term on-the-job training
Customer Service Representatives	43-4051	31,980	36,340	4,360	13.6	4,730	\$31,490	High school diploma or equivalent	None	Short-term on-the-job training
Eligibility Interviewers, Government Programs	43-4061	440	450	10	3.0	40	\$43,640	High school diploma or equivalent	None	Moderate-term on-the-job training
File Clerks	43-4071	1,650	1,490	-160	-9.8	170	\$30,650	High school diploma or equivalent	None	Short-term on-the-job training
Hotel, Motel, and Resort Desk Clerks	43-4081	2,490	3,200	710	28.5	540	\$20,810	High school diploma or equivalent	None	Short-term on-the-job training
Interviewers, Except Eligibility and Loan	43-4111	2,650	2,550	-100	-3.8	310	\$31,310	High school diploma or equivalent	None	Short-term on-the-job training
Library Assistants, Clerical	43-4121	1,530	1,490	-40	-2.6	230	\$23,150	High school diploma or equivalent	None	Short-term on-the-job training
Loan Interviewers and Clerks	43-4131	3,820	4,380	550	14.5	410	\$34,810	High school diploma or equivalent	None	Short-term on-the-job training
New Accounts Clerks	43-4141	1,580	1,570	-10	-0.9	150	\$30,670	High school diploma or equivalent	None	Moderate-term on-the-job training
Order Clerks	43-4151	1,420	1,220	-210	-14.6	120	\$30,020	Some college, no degree	None	Short-term on-the-job training
Human Resources Assistants, Except Payroll and Timekeeping	43-4161	850	820	-20	-2.6	80	\$40,850	Associate's degree	None	None
Receptionists and Information Clerks	43-4171	9,430	9,790	360	3.8	1,240	\$29,190	High school diploma or equivalent	None	Short-term on-the-job training
Information and Record Clerks, All Other	43-4199	1,920	1,940	20	1.1	210	\$40,570	High school diploma or equivalent	None	Short-term on-the-job training
Material Recording, Scheduling, Dispatching, and Distributing Workers	43-5000	27,880	28,660	780	2.8	2,660	N/A			
Cargo and Freight Agents	43-5011	570	600	30	6.0	60	\$41,240	High school diploma or equivalent	None	Short-term on-the-job training
Couriers and Messengers	43-5021	1,970	1,810	-160	-8.1	170	\$30,420	High school diploma or equivalent	None	Short-term on-the-job training
Police, Fire, and Ambulance Dispatchers	43-5031	1,790	1,930	140	7.9	180	\$31,820	High school diploma or equivalent	None	Moderate-term on-the-job training
Dispatchers, Except Police, Fire, and Ambulance	43-5032	2,190	2,310	120	5.5	220	\$39,940	High school diploma or equivalent	None	Moderate-term on-the-job training
Meter Readers, Utilities	43-5041	390	370	-20	-5.8	30	\$35,700	High school diploma or equivalent	None	Short-term on-the-job training
Postal Service Clerks	43-5051	1,030	1,070	50	4.7	90	\$49,190	High school diploma or equivalent	None	Short-term on-the-job training
Postal Service Mail Carriers	43-5052	3,940	4,130	190	4.8	300	\$50,140	High school diploma or equivalent	None	Short-term on-the-job training
Postal Service Mail Sorters, Processors, and Processing Machine Operators	43-5053	730	730	-10	-0.7	60	\$52,130	High school diploma or equivalent	None	Short-term on-the-job training
Production, Planning, and Expediting Clerks	43-5061	6,420	7,100	670	10.5	750	\$48,360	High school diploma or equivalent	None	Moderate-term on-the-job training

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Occupation		Employment		Employment Change		Average Annual Wage,	Median Annual Wage,	Education and Training Classification			
Title	Code	2020	2030	Number	Percent	Openings	2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Shipping, Receiving, and Traffic Clerks	43-5071	8,280	7,980	-300	-3.6	750	\$32,560	High school diploma or equivalent	None	Short-term on-the-job training	
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	570	620	50	9.1	60	\$40,330	High school diploma or equivalent	None	Short-term on-the-job training	
Secretaries and Administrative Assistants	43-6000	42,460	40,690	-1,780	-4.2	4,260	N/A				
Executive Secretaries and Executive Administrative Assistants	43-6011	7,980	6,440	-1,540	-19.3	620	\$41,610	High school diploma or equivalent	Less than 5 years	None	
Legal Secretaries	43-6012	1,280	1,110	-170	-13.3	110	\$35,830	High school diploma or equivalent	None	Moderate-term on-the-job training	
Medical Secretaries	43-6013	9,620	11,420	1,800	18.7	1,300	\$33,570	High school diploma or equivalent	None	Moderate-term on-the-job training	
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	43-6014	23,580	21,720	-1,860	-7.9	2,230	\$32,020	High school diploma or equivalent	None	Short-term on-the-job training	
Other Office and Administrative Support Workers	43-9000	29,440	27,940	-1,500	-5.1	3,070	N/A				
Data Entry Keyers	43-9021	1,870	1,490	-380	-20.4	140	\$31,340	High school diploma or equivalent	None	Short-term on-the-job training	
Desktop Publishers	43-9031	140	140	0	-2.8	20	\$36,630	Associate's degree	None	Short-term on-the-job training	
Insurance Claims and Policy Processing Clerks	43-9041	1,850	1,400	-450	-24.5	110	\$38,870	High school diploma or equivalent	None	Moderate-term on-the-job training	
Mail Clerks and Mail Machine Operators, Except Postal Service	43-9051	1,140	1,100	-40	-3.3	120	\$30,960	High school diploma or equivalent	None	Short-term on-the-job training	
Office Clerks, General	43-9061	22,620	22,030	-590	-2.6	2,480	\$29,660	High school diploma or equivalent	None	Short-term on-the-job training	
Office Machine Operators, Except Computer	43-9071	470	400	-70	-15.0	40	\$28,570	High school diploma or equivalent	None	Short-term on-the-job training	
Proofreaders and Copy Markers	43-9081	80	90	10	9.9	10	\$44,640	Bachelor's degree	None	None	
Statistical Assistants	43-9111	160	170	10	7.0	20	\$39,540	Bachelor's degree	None	None	
Office and Administrative Support Workers, All Other	43-9199	1,040	1,090	50	4.6	120	\$38,370	High school diploma or equivalent	None	Short-term on-the-job training	
Farming, Fishing, and Forestry Occupations	45-0000	8,060	8,670	610	7.5	1,360	\$30,010				
Supervisors of Farming, Fishing, and Forestry Workers	45-1000	450	460	10	2.2	70	N/A				
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	450	460	10	2.2	70	\$60,830	High school diploma or equivalent	Less than 5 years	None	
Agricultural Workers	45-2000	7,280	7,850	570	7.8	1,240	N/A				
Agricultural Inspectors	45-2011	380	370	-10	-2.6	60	\$38,460	Bachelor's degree	None	Moderate-term on-the-job training	
Animal Breeders	45-2021	80	110	30	36.7	20	N/A	High school diploma or equivalent	None	Short-term on-the-job training	
Graders and Sorters, Agricultural Products	45-2041	350	320	-40	-10.2	50	\$26,520	No formal educational credential	None	Short-term on-the-job training	
Agricultural Equipment Operators	45-2091	580	620	40	7.6	100	\$29,900	No formal educational credential	None	Moderate-term on-the-job training	
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	2,610	2,420	-190	-7.3	370	\$27,360	No formal educational credential	None	Short-term on-the-job training	
Farmworkers, Farm, Ranch, and Aquacultural Animals	45-2093	3,210	3,930	720	22.3	630	\$24,170	No formal educational credential	None	Short-term on-the-job training	
Agricultural Workers, All Other	45-2099	70	80	10	20.6	10	N/A	No formal educational credential	None	Short-term on-the-job training	
Forest, Conservation, and Logging Workers	45-4000	300	330	30	8.6	50	N/A				
Logging Equipment Operators	45-4022	190	220	30	14.2	30	\$54,910	High school diploma or equivalent	None	Moderate-term on-the-job training	
Construction and Extraction Occupations	47-0000	91,370	101,900	10,530	11.5	10,770	\$42,280				
Supervisors of Construction and Extraction Workers	47-1000	11,710	13,290	1,570	13.4	1,320	N/A				
First-Line Supervisors of Construction Trades and Extraction Workers	47-1011	11,710	13,290	1,570	13.4	1,320	\$63,660	High school diploma or equivalent	5 years or more	None	
Construction Trades Workers	47-2000	58,060	63,320	5,260	9.1	6,420	N/A				
Boilermakers	47-2011	90	100	10	10.5	10	\$60,460	High school diploma or equivalent	None	Apprenticeship	
Brickmasons and Blockmasons	47-2021	490	460	-30	-5.1	40	\$46,570	High school diploma or equivalent	None	Apprenticeship	
Stonemasons	47-2022	250	250	0	-0.4	20	\$36,410	High school diploma or equivalent	None	Apprenticeship	
Carpenters	47-2031	7,230	7,660	440	6.0	730	\$43,450	High school diploma or equivalent	None	Apprenticeship	
Carpet Installers	47-2041	340	340	-10	-2.3	30	\$44,490	No formal educational credential	None	Short-term on-the-job training	
Tile and Marble Setters	47-2044	310	350	40	12.9	30	\$36,200	No formal educational credential	None	Long-term on-the-job training	
Cement Masons and Concrete Finishers	47-2051	2,790	2,890	100	3.5	270	\$38,500	No formal educational credential	None	Moderate-term on-the-job training	
Construction Laborers	47-2061	11,480	13,200	1,720	15.0	1,370	\$32,890	No formal educational credential	None	Short-term on-the-job training	
Paving, Surfacing, and Tamping Equipment Operators	47-2071	1,240	1,420	180	14.2	160	\$37,290	High school diploma or equivalent	None	Moderate-term on-the-job training	
Operating Engineers and Other Construction Equipment Operators	47-2073	6,820	7,560	740	10.8	830	\$40,770	High school diploma or equivalent	None	Moderate-term on-the-job training	
Drywall and Ceiling Tile Installers	47-2081	430	450	20	5.6	40	\$40,960	No formal educational credential	None	Moderate-term on-the-job training	
Electricians	47-2111	8,010	8,830	820	10.3	940	\$48,580	High school diploma or equivalent	None	Apprenticeship	
Glaziers	47-2121	240	250	10	5.8	30	\$40,080	High school diploma or equivalent	None	Apprenticeship	
Insulation Workers, Floor, Ceiling, and Wall	47-2131	410	430	20	5.4	40	\$34,860	No formal educational credential	None	Short-term on-the-job training	
Insulation Workers, Mechanical	47-2132	440	460	20	5.5	40	\$38,580	High school diploma or equivalent	None	Apprenticeship	
Painters, Construction and Maintenance	47-2141	2,980	3,110	130	4.5	270	\$38,430	No formal educational credential	None	Moderate-term on-the-job training	
Paperhangers	47-2142	120	120	0	1.7	10	\$33,450	No formal educational credential	None	Long-term on-the-job training	
Pipelayers	47-2151	860	940	80	9.7	100	\$36,780	No formal educational credential	None	Short-term on-the-job training	
Plumbers, Pipefitters, and Steamfitters	47-2152	6,420	7,100	680	10.7	750	\$52,070	High school diploma or equivalent	None	Apprenticeship	
Roofers	47-2181	1,100	1,150	50	4.6	110	\$39,060	No formal educational credential	None	Moderate-term on-the-job training	
Sheet Metal Workers	47-2211	3,760	3,750	-10	-0.3	340	\$54,600	High school diploma or equivalent	None	Apprenticeship	
Structural Iron and Steel Workers	47-2221	1,450	1,600	150	10.3	170	\$39,420	High school diploma or equivalent	None	Apprenticeship	
Helpers, Construction Trades	47-3000	3,430	3,600	170	4.9	430	N/A				
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	47-3011	250	240	-10	-3.6	30	\$31,180	No formal educational credential	None	Short-term on-the-job training	
Helpers--Electricians	47-3013	1,140	1,180	30	2.8	140	\$36,160	High school diploma or equivalent	None	Short-term on-the-job training	
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	47-3015	1,130	1,220	90	7.7	150	\$36,530	High school diploma or equivalent	None	Short-term on-the-job training	
Other Construction and Related Workers	47-4000	8,600	9,300	700	8.1	1,040	N/A				

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Occupation		Employment		Employment Change		Average Annual	Median Annual	Education and Training Classification			
Title	Code	2020	2030	Number	Percent	Wage, Openings	Wage, 2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Construction and Building Inspectors	47-4011	2,340	2,510	170	7.2	300	\$55,240	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	
Elevator Installers and Repairers	47-4021	250	270	10	5.5	30	\$84,710	High school diploma or equivalent	None	Apprenticeship	
Fence Erectors	47-4031	330	350	20	5.2	40	\$29,130	No formal educational credential	None	Moderate-term on-the-job training	
Hazardous Materials Removal Workers	47-4041	510	520	10	2.0	60	\$54,790	High school diploma or equivalent	None	Moderate-term on-the-job training	
Highway Maintenance Workers	47-4051	3,260	3,530	270	8.4	370	\$34,850	High school diploma or equivalent	None	Moderate-term on-the-job training	
Rail-Track Laying and Maintenance Equipment Operators	47-4061	260	280	20	9.0	30	\$37,800	High school diploma or equivalent	None	Moderate-term on-the-job training	
Septic Tank Servicers and Sewer Pipe Cleaners	47-4071	980	1,080	100	9.9	130	\$33,720	High school diploma or equivalent	None	Moderate-term on-the-job training	
Miscellaneous Construction and Related Workers	47-4090	680	770	90	13.5	90	\$34,140	High school diploma or equivalent	None	Moderate-term on-the-job training	
Extraction Workers	47-5000	9,560	12,400	2,840	29.7	1,570	N/A				
Derrick Operators, Oil and Gas	47-5011	480	640	160	32.5	80	\$55,680	No formal educational credential	None	Short-term on-the-job training	
Rotary Drill Operators, Oil and Gas	47-5012	1,890	2,540	650	34.2	330	\$51,370	No formal educational credential	None	Moderate-term on-the-job training	
Service Unit Operators, Oil, Gas, and Mining	47-5013	2,120	2,750	630	29.5	350	\$39,550	No formal educational credential	None	Moderate-term on-the-job training	
Excavating and Loading Machine and Dragline Operators, Surface Mining	47-5022	500	540	40	8.7	60	\$42,940	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Rock Splitters, Quarry	47-5051	70	70	10	12.3	10	\$30,900	No formal educational credential	None	Short-term on-the-job training	
Roustabouts, Oil and Gas	47-5071	3,170	4,360	1,190	37.7	560	\$40,140	No formal educational credential	None	Moderate-term on-the-job training	
Helpers--Extraction Workers	47-5081	270	380	100	37.6	50	\$46,170	High school diploma or equivalent	None	Moderate-term on-the-job training	
Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	47-5097	740	740	0	0.4	90	\$45,650	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training	
Underground Mining Machine Operators and Extraction Workers, All Other	47-5098	190	230	40	21.7	30	\$38,290	High school diploma or equivalent	None	Moderate-term on-the-job training	
Installation, Maintenance, and Repair Occupations	49-0000	81,090	90,360	9,270	11.4	8,980	\$45,850				
Supervisors of Installation, Maintenance, and Repair Workers	49-1000	7,350	8,230	880	12.0	780	N/A				
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011	7,350	8,230	880	12.0	780	\$69,230	High school diploma or equivalent	Less than 5 years	None	
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	49-2000	7,960	9,000	1,050	13.2	930	N/A				
Computer, Automated Teller, and Office Machine Repairers	49-2011	1,270	1,410	140	11.1	160	\$38,360	Some college, no degree	None	Short-term on-the-job training	
Radio, Cellular, and Tower Equipment Installers and Repairers	49-2021	250	310	60	23.0	40	\$49,540	Associate's degree	None	Moderate-term on-the-job training	
Telecommunications Equipment Installers and Repairers, Except Line Installers	49-2022	1,950	2,340	390	19.8	280	\$57,420	Postsecondary non-degree award	None	Moderate-term on-the-job training	
Avionics Technicians	49-2091	660	690	30	5.0	50	\$56,800	Associate's degree	None	None	
Electric Motor, Power Tool, and Related Repairers	49-2092	390	450	60	16.3	50	\$35,210	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094	1,160	1,220	60	5.1	100	\$62,050	Postsecondary non-degree award	None	Long-term on-the-job training	
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095	560	640	80	14.2	50	\$60,130	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training	
Security and Fire Alarm Systems Installers	49-2098	1,400	1,620	220	15.8	170	\$48,950	High school diploma or equivalent	None	Moderate-term on-the-job training	
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3000	24,870	26,730	1,860	7.5	2,640	N/A				
Aircraft Mechanics and Service Technicians	49-3011	4,440	4,580	140	3.2	380	\$58,950	Postsecondary non-degree award	None	None	
Automotive Body and Related Repairers	49-3021	2,050	2,180	130	6.3	210	\$40,990	High school diploma or equivalent	None	Long-term on-the-job training	
Automotive Glass Installers and Repairers	49-3022	110	120	10	8.4	10	\$25,110	High school diploma or equivalent	None	Moderate-term on-the-job training	
Automotive Service Technicians and Mechanics	49-3023	8,430	8,750	310	3.7	870	\$42,810	Postsecondary non-degree award	None	Short-term on-the-job training	
Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	3,710	4,080	370	10.0	390	\$44,780	High school diploma or equivalent	None	Long-term on-the-job training	
Farm Equipment Mechanics and Service Technicians	49-3041	540	620	80	14.7	60	\$43,730	High school diploma or equivalent	None	Long-term on-the-job training	
Mobile Heavy Equipment Mechanics, Except Engines	49-3042	2,150	2,560	400	18.7	270	\$51,320	High school diploma or equivalent	None	Long-term on-the-job training	
Rail Car Repairers	49-3043	210	210	0	1.4	20	\$52,340	High school diploma or equivalent	None	Long-term on-the-job training	
Motorboat Mechanics and Service Technicians	49-3051	210	250	40	19.2	30	\$36,110	High school diploma or equivalent	None	Long-term on-the-job training	
Motorcycle Mechanics	49-3052	190	210	30	14.4	30	\$32,790	Postsecondary non-degree award	None	Short-term on-the-job training	
Outdoor Power Equipment and Other Small Engine Mechanics	49-3053	620	700	80	13.6	80	\$33,870	High school diploma or equivalent	None	Moderate-term on-the-job training	
Recreational Vehicle Service Technicians	49-3092	310	390	80	26.1	50	\$44,420	High school diploma or equivalent	None	Long-term on-the-job training	
Tire Repairers and Changers	49-3093	1,920	2,090	180	9.2	250	\$31,430	High school diploma or equivalent	None	Short-term on-the-job training	
Other Installation, Maintenance, and Repair Occupations	49-9000	40,910	46,400	5,490	13.4	4,640	N/A				
Control and Valve Installers and Repairers, Except Mechanical Door	49-9012	1,390	1,650	260	18.7	150	\$58,940	High school diploma or equivalent	None	Moderate-term on-the-job training	
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	4,620	4,910	300	6.5	480	\$44,470	Postsecondary non-degree award	None	Long-term on-the-job training	
Home Appliance Repairers	49-9031	460	490	40	7.6	50	\$38,070	High school diploma or equivalent	None	Moderate-term on-the-job training	
Industrial Machinery Mechanics	49-9041	4,270	5,400	1,130	26.5	520	\$54,530	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance Workers, Machinery	49-9043	4,260	5,050	790	18.5	490	\$50,170	High school diploma or equivalent	None	Long-term on-the-job training	
Millwrights	49-9044	210	250	50	21.6	20	\$53,240	High school diploma or equivalent	None	Apprenticeship	
Electrical Power-Line Installers and Repairers	49-9051	1,890	2,200	310	16.3	210	\$68,300	High school diploma or equivalent	None	Long-term on-the-job training	
Telecommunications Line Installers and Repairers	49-9052	1,370	1,620	250	18.6	180	\$56,930	High school diploma or equivalent	None	Long-term on-the-job training	
Medical Equipment Repairers	49-9062	500	570	70	14.3	60	\$44,320	Associate's degree	None	Moderate-term on-the-job training	
Musical Instrument Repairers and Tuners	49-9063	170	170	0	-1.2	20	\$37,050	High school diploma or equivalent	None	Apprenticeship	
Precision Instrument and Equipment Repairers, All Other	49-9069	150	140	-10	-9.3	10	\$61,100	High school diploma or equivalent	None	Long-term on-the-job training	
Maintenance and Repair Workers, General	49-9071	16,340	17,850	1,520	9.3	1,750	\$35,020	High school diploma or equivalent	None	Moderate-term on-the-job training	
Wind Turbine Service Technicians	49-9081	230	470	240	106.2	60	\$50,720	Postsecondary non-degree award	None	Long-term on-the-job training	
Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	930	1,100	180	18.8	140	\$33,100	High school diploma or equivalent	None	Short-term on-the-job training	
Locksmiths and Safe Repairers	49-9094	110	110	0	-3.5	10	\$45,390	High school diploma or equivalent	None	Long-term on-the-job training	
Manufactured Building and Mobile Home Installers	49-9095	100	60	-30	-34.7	10	\$31,880	High school diploma or equivalent	None	Short-term on-the-job training	

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Occupation	Employment		Employment Change		Average Annual Wage, \$	Median Annual Wage, \$	Education and Training Classification				
	Title	Code	2020	2030			Number	Percent	Openings	2020 ¹	Typical Entry-Level Education ²
Riggers		49-9096	250	290	40	15.8	30	\$48,530	High school diploma or equivalent	None	Moderate-term on-the-job training
Signal and Track Switch Repairers		49-9097	140	150	10	5.0	20	\$37,460	High school diploma or equivalent	None	Moderate-term on-the-job training
Helpers--Installation, Maintenance, and Repair Workers		49-9098	1,620	1,810	190	11.9	240	\$31,520	High school diploma or equivalent	None	Short-term on-the-job training
Installation, Maintenance, and Repair Workers, All Other		49-9099	1,170	1,250	70	6.3	130	\$38,770	High school diploma or equivalent	None	Moderate-term on-the-job training
Production Occupations		51-0000	105,080	113,130	8,040	7.7	12,580	\$36,930			
Supervisors of Production Workers		51-1000	9,000	10,130	1,120	12.5	1,040	N/A			
First-Line Supervisors of Production and Operating Workers		51-1011	9,000	10,130	1,120	12.5	1,040	\$61,230	High school diploma or equivalent	Less than 5 years	None
Assemblers and Fabricators		51-2000	17,880	18,160	280	1.6	1,970	N/A			
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers		51-2011	590	550	-40	-7.3	60	\$42,590	High school diploma or equivalent	None	Moderate-term on-the-job training
Coil Winders, Tapers, and Finishers		51-2021	290	300	10	3.5	30	\$35,140	High school diploma or equivalent	None	Moderate-term on-the-job training
Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers		51-2028	2,970	3,410	440	14.7	380	\$33,770	High school diploma or equivalent	None	Moderate-term on-the-job training
Engine and Other Machine Assemblers		51-2031	860	840	-20	-2.0	90	\$34,970	High school diploma or equivalent	None	Moderate-term on-the-job training
Structural Metal Fabricators and Fitters		51-2041	1,140	1,060	-80	-7.0	110	\$40,380	High school diploma or equivalent	None	Moderate-term on-the-job training
Miscellaneous Assemblers and Fabricators		51-2090	11,730	11,670	-60	-0.5	1,280	\$32,000	High school diploma or equivalent	None	Moderate-term on-the-job training
Food Processing Workers		51-3000	8,290	8,580	290	3.5	1,070	N/A			
Bakers		51-3011	1,730	1,970	250	14.3	270	\$24,440	No formal educational credential	None	Long-term on-the-job training
Butchers and Meat Cutters		51-3021	1,270	1,260	0	-0.2	150	\$27,940	No formal educational credential	None	Long-term on-the-job training
Meat, Poultry, and Fish Cutters and Trimmers		51-3022	1,430	1,430	0	0.1	160	\$25,600	No formal educational credential	None	Short-term on-the-job training
Slaughterers and Meat Packers		51-3023	1,130	1,140	20	1.6	130	\$25,300	No formal educational credential	None	Short-term on-the-job training
Food Batchmakers		51-3092	1,290	1,290	0	0.2	160	\$34,530	High school diploma or equivalent	None	Moderate-term on-the-job training
Food Cooking Machine Operators and Tenders		51-3093	690	680	0	-0.4	120	\$32,680	High school diploma or equivalent	None	Moderate-term on-the-job training
Metal Workers and Plastic Workers		51-4000	25,360	29,300	3,950	15.6	3,210	N/A			
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic		51-4021	740	810	70	8.9	80	\$37,660	High school diploma or equivalent	None	Moderate-term on-the-job training
Forging Machine Setters, Operators, and Tenders, Metal and Plastic		51-4022	280	280	0	-0.7	30	\$34,150	High school diploma or equivalent	None	Moderate-term on-the-job training
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic		51-4023	230	250	20	6.9	30	\$36,680	High school diploma or equivalent	None	Moderate-term on-the-job training
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic		51-4031	1,860	2,000	150	8.0	210	\$33,710	High school diploma or equivalent	None	Moderate-term on-the-job training
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4032	100	90	-10	-9.8	10	\$43,660	High school diploma or equivalent	None	Moderate-term on-the-job training
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4033	1,220	1,320	110	8.6	150	\$33,490	High school diploma or equivalent	None	Moderate-term on-the-job training
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4034	570	650	80	14.9	70	\$35,670	High school diploma or equivalent	None	Moderate-term on-the-job training
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic		51-4035	140	140	0	-2.9	10	\$33,240	High school diploma or equivalent	None	Moderate-term on-the-job training
Machinists		51-4041	3,760	4,440	680	18.1	480	\$42,950	High school diploma or equivalent	None	Long-term on-the-job training
Metal-Refining Furnace Operators and Tenders		51-4051	110	130	30	26.4	10	\$40,350	High school diploma or equivalent	None	Moderate-term on-the-job training
Foundry Mold and Coremakers		51-4071	320	350	30	9.2	40	\$24,050	High school diploma or equivalent	None	Moderate-term on-the-job training
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic		51-4072	1,370	1,450	80	6.1	150	\$30,930	High school diploma or equivalent	None	Moderate-term on-the-job training
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic		51-4081	2,190	2,630	440	20.0	290	\$35,290	High school diploma or equivalent	None	Moderate-term on-the-job training
Tool and Die Makers		51-4111	320	340	30	8.9	40	\$56,970	Postsecondary non-degree award	None	Long-term on-the-job training
Welders, Cutters, Solderers, and Brazers		51-4121	10,340	12,500	2,160	20.9	1,420	\$42,320	High school diploma or equivalent	None	Moderate-term on-the-job training
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders		51-4122	360	410	50	13.5	50	\$37,670	High school diploma or equivalent	None	Moderate-term on-the-job training
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic		51-4191	400	390	-10	-2.7	40	\$39,330	High school diploma or equivalent	None	Moderate-term on-the-job training
Layout Workers, Metal and Plastic		51-4192	80	110	30	31.0	10	\$32,800	High school diploma or equivalent	None	Moderate-term on-the-job training
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic		51-4193	550	580	30	5.7	60	\$37,860	High school diploma or equivalent	None	Moderate-term on-the-job training
Metal Workers and Plastic Workers, All Other		51-4199	160	140	-20	-12.0	10	\$57,150	High school diploma or equivalent	None	Moderate-term on-the-job training
Printing Workers		51-5100	1,830	1,870	30	1.9	210	N/A			
Prepress Technicians and Workers		51-5111	140	150	10	5.6	20	\$36,100	Postsecondary non-degree award	None	None
Printing Press Operators		51-5112	1,460	1,510	40	2.9	160	\$32,270	High school diploma or equivalent	None	Moderate-term on-the-job training
Print Binding and Finishing Workers		51-5113	230	210	-20	-7.1	20	\$34,050	High school diploma or equivalent	None	Moderate-term on-the-job training
Textile, Apparel, and Furnishings Workers		51-6000	4,810	4,860	50	1.1	610	N/A			
Laundry and Dry-Cleaning Workers		51-6011	3,000	3,150	150	5.0	420	\$21,240	No formal educational credential	None	Short-term on-the-job training
Pressers, Textile, Garment, and Related Materials		51-6021	390	320	-70	-18.2	30	\$22,290	No formal educational credential	None	Short-term on-the-job training
Sewing Machine Operators		51-6031	730	670	-70	-9.4	70	\$25,420	No formal educational credential	None	Short-term on-the-job training
Tailors, Dressmakers, and Custom Sewers		51-6052	110	100	-10	-9.9	10	\$28,470	No formal educational credential	None	Moderate-term on-the-job training
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers		51-6091	90	110	10	15.1	10	\$26,770	High school diploma or equivalent	None	Moderate-term on-the-job training
Upholsterers		51-6093	190	200	10	5.8	20	\$32,920	High school diploma or equivalent	None	Moderate-term on-the-job training
Textile, Apparel, and Furnishings Workers, All Other		51-6099	210	230	20	10.6	30	\$54,860	High school diploma or equivalent	None	Short-term on-the-job training
Woodworkers		51-7000	2,460	2,460	0	-0.2	240	N/A			
Cabinetmakers and Bench Carpenters		51-7011	1,650	1,660	10	0.6	160	\$33,110	High school diploma or equivalent	None	Moderate-term on-the-job training
Furniture Finishers		51-7021	110	110	0	-2.7	20	\$29,320	High school diploma or equivalent	None	Short-term on-the-job training
Sawing Machine Setters, Operators, and Tenders, Wood		51-7041	280	260	-20	-7.3	30	\$30,790	High school diploma or equivalent	None	Moderate-term on-the-job training
Woodworking Machine Setters, Operators, and Tenders, Except Sawing		51-7042	220	200	-20	-8.3	20	\$28,580	High school diploma or equivalent	None	Moderate-term on-the-job training
Plant and System Operators		51-8000	5,570	6,440	870	15.6	670	N/A			
Power Plant Operators		51-8013	300	300	0	0.0	30	\$78,420	High school diploma or equivalent	None	Long-term on-the-job training

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation		Employment		Employment Change		Average Annual	Median Annual	Education and Training Classification			
Title	Code	2020	2030	Number	Percent	Wage, Openings	Wage, 2020 ¹	Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Stationary Engineers and Boiler Operators	51-8021	280	320	40	14.1	40	\$63,290	High school diploma or equivalent	None	Long-term on-the-job training	
Water and Wastewater Treatment Plant and System Operators	51-8031	2,210	2,200	-10	-0.3	200	\$35,220	High school diploma or equivalent	None	Long-term on-the-job training	
Chemical Plant and System Operators	51-8091	130	140	10	5.5	10	\$73,540	High school diploma or equivalent	None	Moderate-term on-the-job training	
Gas Plant Operators	51-8092	530	600	80	14.8	70	\$67,730	High school diploma or equivalent	None	Long-term on-the-job training	
Petroleum Pump System Operators, Refinery Operators, and Gaugers	51-8093	2,010	2,750	740	36.9	310	\$77,590	High school diploma or equivalent	None	Moderate-term on-the-job training	
Plant and System Operators, All Other	51-8099	80	90	10	15.2	10	\$54,730	High school diploma or equivalent	None	Moderate-term on-the-job training	
Other Production Occupations	51-9000	29,890	31,340	1,440	4.8	3,570	N/A				
Chemical Equipment Operators and Tenders	51-9011	830	830	0	0.5	80	\$49,260	High school diploma or equivalent	None	Moderate-term on-the-job training	
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	51-9012	430	440	10	2.3	50	\$36,750	High school diploma or equivalent	None	Moderate-term on-the-job training	
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	51-9021	510	560	40	8.2	60	\$35,580	High school diploma or equivalent	None	Moderate-term on-the-job training	
Grinding and Polishing Workers, Hand	51-9022	310	280	-30	-9.7	30	\$30,740	No formal educational credential	None	Moderate-term on-the-job training	
Mixing and Blending Machine Setters, Operators, and Tenders	51-9023	1,260	1,350	90	7.1	150	\$37,870	High school diploma or equivalent	None	Moderate-term on-the-job training	
Cutters and Trimmers, Hand	51-9031	100	70	-30	-32.0	10	\$27,930	No formal educational credential	None	Short-term on-the-job training	
Cutting and Slicing Machine Setters, Operators, and Tenders	51-9032	620	660	40	6.1	80	\$39,500	High school diploma or equivalent	None	Moderate-term on-the-job training	
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	810	860	60	7.0	90	\$31,580	High school diploma or equivalent	None	Moderate-term on-the-job training	
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9051	300	330	30	9.8	30	\$35,710	High school diploma or equivalent	None	Moderate-term on-the-job training	
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	7,020	6,550	-480	-6.8	750	\$43,410	High school diploma or equivalent	None	Moderate-term on-the-job training	
Jewelers and Precious Stone and Metal Workers	51-9071	340	360	20	5.7	40	\$38,590	High school diploma or equivalent	None	Long-term on-the-job training	
Dental Laboratory Technicians	51-9081	310	380	70	23.0	50	\$41,560	High school diploma or equivalent	None	Moderate-term on-the-job training	
Medical Appliance Technicians	51-9082	90	110	20	19.1	10	\$41,280	High school diploma or equivalent	None	Moderate-term on-the-job training	
Ophthalmic Laboratory Technicians	51-9083	210	250	40	17.5	30	\$34,570	High school diploma or equivalent	None	Moderate-term on-the-job training	
Packaging and Filling Machine Operators and Tenders	51-9111	2,420	2,530	110	4.3	280	\$29,360	High school diploma or equivalent	None	Moderate-term on-the-job training	
Painting, Coating, and Decorating Workers	51-9123	90	110	20	21.1	10	\$38,190	No formal educational credential	None	Moderate-term on-the-job training	
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	51-9124	2,550	3,030	480	18.6	330	\$36,830	High school diploma or equivalent	None	Moderate-term on-the-job training	
Photographic Process Workers and Processing Machine Operators	51-9151	80	70	-10	-11.4	10	\$31,250	High school diploma or equivalent	None	Short-term on-the-job training	
Computer Numerically Controlled Tool Operators	51-9161	3,760	4,080	320	8.5	460	\$38,070	High school diploma or equivalent	None	Moderate-term on-the-job training	
Computer Numerically Controlled Tool Programmers	51-9162	380	520	140	36.7	60	\$48,130	Postsecondary non-degree award	None	Moderate-term on-the-job training	
Adhesive Bonding Machine Operators and Tenders	51-9191	180	210	30	14.9	30	\$52,790	High school diploma or equivalent	None	Moderate-term on-the-job training	
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51-9192	470	510	40	7.4	60	\$25,650	High school diploma or equivalent	None	Moderate-term on-the-job training	
Molders, Shapers, and Casters, Except Metal and Plastic	51-9195	510	620	110	22.0	70	\$31,710	High school diploma or equivalent	None	Long-term on-the-job training	
Paper Goods Machine Setters, Operators, and Tenders	51-9196	1,010	1,040	30	2.7	120	\$48,030	High school diploma or equivalent	None	Moderate-term on-the-job training	
Helpers--Production Workers	51-9198	2,400	2,400	10	0.2	340	\$29,800	High school diploma or equivalent	None	Short-term on-the-job training	
Production Workers, All Other	51-9199	1,180	1,270	90	7.4	140	\$29,760	High school diploma or equivalent	None	Moderate-term on-the-job training	
Transportation and Material Moving Occupations	53-0000	138,670	150,070	11,400	8.2	19,040	\$33,730				
Supervisors of Transportation and Material Moving Workers	53-1000	6,890	7,290	400	5.8	790	N/A				
Aircraft Cargo Handling Supervisors	53-1041	60	60	10	10.3	10	\$49,670	High school diploma or equivalent	Less than 5 years	None	
FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisors	53-1047	6,840	7,230	390	5.7	780	\$51,700	High school diploma or equivalent	Less than 5 years	None	
Air Transportation Workers	53-2000	1,040	1,120	80	7.3	120	N/A				
Airline Pilots, Copilots, and Flight Engineers	53-2011	270	260	-10	-3.4	30	\$103,380	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	
Commercial Pilots	53-2012	340	400	60	17.8	50	\$83,130	High school diploma or equivalent	None	Moderate-term on-the-job training	
Air Traffic Controllers	53-2021	380	400	20	3.9	40	\$97,480	Associate's degree	None	Long-term on-the-job training	
Motor Vehicle Operators	53-3000	51,540	56,650	5,110	9.9	6,480	N/A				
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-3011	200	250	50	24.0	30	\$34,170	High school diploma or equivalent	None	Moderate-term on-the-job training	
Driver/Sales Workers	53-3031	5,690	6,700	1,010	17.8	780	\$29,040	High school diploma or equivalent	None	Short-term on-the-job training	
Heavy and Tractor-Trailer Truck Drivers	53-3032	27,090	29,320	2,230	8.2	3,290	\$48,410	Postsecondary non-degree award	None	Short-term on-the-job training	
Light Truck or Delivery Services Drivers	53-3033	11,020	11,600	580	5.3	1,290	\$34,150	High school diploma or equivalent	None	Short-term on-the-job training	
Bus Drivers, Transit and Intercity	53-3052	750	840	90	12.4	100	\$33,500	High school diploma or equivalent	None	Moderate-term on-the-job training	
Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	53-3058	6,210	7,290	1,070	17.3	890	\$24,930	No formal educational credential	None	Short-term on-the-job training	
Motor Vehicle Operators, All Other	53-3099	590	670	70	12.1	110	\$45,650	No formal educational credential	None	Short-term on-the-job training	
Rail Transportation Workers	53-4000	920	940	20	1.8	80	N/A				
Locomotive Engineers	53-4011	400	420	20	4.3	40	\$70,820	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Rail Yard Engineers, Dinkey Operators, and Hostlers	53-4013	160	160	0	-0.6	20	\$59,320	High school diploma or equivalent	None	Moderate-term on-the-job training	
Other Transportation Workers	53-6000	3,430	3,760	330	9.7	510	N/A				
Parking Lot Attendants	53-6021	760	860	100	13.6	130	\$22,370	No formal educational credential	None	Short-term on-the-job training	
Automotive and Watercraft Service Attendants	53-6031	1,580	1,700	120	7.9	230	\$25,200	No formal educational credential	None	Short-term on-the-job training	
Traffic Technicians	53-6041	50	60	0	3.8	10	\$41,030	High school diploma or equivalent	None	Moderate-term on-the-job training	
Transportation Inspectors	53-6051	690	750	50	7.8	80	\$64,070	High school diploma or equivalent	None	Moderate-term on-the-job training	
Aircraft Service Attendants and Transportation Workers, All Other	53-6098	280	330	50	16.9	50	\$38,490	High school diploma or equivalent	None	Short-term on-the-job training	
Material Moving Workers	53-7000	74,800	80,250	5,450	7.3	11,050	N/A				
Conveyor Operators and Tenders	53-7011	480	510	30	5.4	60	\$31,440	No formal educational credential	None	Short-term on-the-job training	
Crane and Tower Operators	53-7021	670	740	70	10.6	80	\$54,820	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	

Oklahoma Long-Term Occupational Outlook, 2020 - 2030

Occupation		Employment		Employment Change		Average Annual Openings	Median Annual Wage, 2020 ¹	Education and Training Classification			
Title	Code	2020	2030	Number	Percent			Typical Entry-Level Education ²	Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴	
Industrial Truck and Tractor Operators	53-7051	7,390	7,750	360	4.9	850	\$36,560	No formal educational credential	None	Short-term on-the-job training	
Cleaners of Vehicles and Equipment	53-7061	4,460	4,890	430	9.7	690	\$26,930	No formal educational credential	None	Short-term on-the-job training	
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	30,570	32,010	1,440	4.7	4,240	\$31,360	No formal educational credential	None	Short-term on-the-job training	
Machine Feeders and Offbearers	53-7063	330	380	60	16.8	50	\$30,220	No formal educational credential	None	Short-term on-the-job training	
Packers and Packagers, Hand	53-7064	3,610	3,530	-80	-2.2	480	\$25,720	No formal educational credential	None	Short-term on-the-job training	
Stockers and Order Fillers	53-7065	22,700	25,080	2,380	10.5	3,930	\$26,900	High school diploma or equivalent	None	Short-term on-the-job training	
Gas Compressor and Gas Pumping Station Operators	53-7071	250	250	10	3.7	30	\$67,850	High school diploma or equivalent	None	Moderate-term on-the-job training	
Pump Operators, Except Wellhead Pumpers	53-7072	740	840	110	14.6	100	\$35,650	High school diploma or equivalent	None	Moderate-term on-the-job training	
Wellhead Pumpers	53-7073	1,020	1,450	430	41.7	180	\$56,490	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Refuse and Recyclable Material Collectors	53-7081	2,140	2,320	180	8.4	310	\$35,130	No formal educational credential	None	Short-term on-the-job training	
Tank Car, Truck, and Ship Loaders	53-7121	250	270	20	8.5	30	\$38,040	No formal educational credential	None	Short-term on-the-job training	

Footnotes:

¹ Source: Occupational Employment and Wage Statistics (OEWS) program, May, 2020 . N/A indicates data is not available.

² Represents the typical education level needed to enter the occupation. N/A indicates data is not available.

³ 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.

⁴ 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 (EP) program, Oklahoma Employment Security Commission, Economic Research & Analysis Division.