

SOUTHWEST OKLAHOMA OCCUPATIONAL PROJECTIONS, 2016 AND PROJECTED 2026

Occupation		Employment		Employment Change		Total Openings	Median Annual Wage, 2018	Education and Training Classification		
		2016	2026	Number	Percent			Typical Entry-Level Education ¹	Work Experience in a Related Occupation ²	Typical on-the-job Training ³
Code	Title									
00-0000	Total, All Occupations⁴	65,220	67,940	2,720	4.2	75,370	\$33,130			
11-1011	Chief Executives	260	250	-10	-4.2	170	\$88,710	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	1,070	1,160	80	7.6	980	\$72,590	Bachelor's degree	5 years or more	None
11-1031	Legislators	120	130	10	5.8	90	\$20,060	Bachelor's degree	Less than 5 years	None
11-2022	Sales Managers	140	150	10	4.3	130	\$49,250	Bachelor's degree	Less than 5 years	None
11-3011	Administrative Services Managers	120	130	10	7.5	110	\$66,000	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	60	70	0	6.5	50	\$76,430	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	240	270	30	13.1	210	\$77,790	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	40	40	0	-7.3	20	\$100,610	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	40	40	0	2.8	30	\$78,440	Bachelor's degree	5 years or more	None
11-9021	Construction Managers	110	130	10	10.5	90	\$83,610	Bachelor's degree	None	Moderate-term OTJ
11-9031	Education Administrators, Preschool and Childcare Cente	30	30	0	13.8	30	\$30,250	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary and Secondary Sch	170	180	10	5.9	140	\$72,480	Master's degree	5 years or more	None
11-9041	Architectural and Engineering Managers	50	50	0	8.5	40	\$139,970	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	200	210	10	4.0	220	\$51,820	High school diploma	Less than 5 years	None
11-9061	Funeral Service Managers	80	80	0	2.6	60	*	Associate's degree	Less than 5 years	None
11-9111	Medical and Health Services Managers	260	300	40	15.2	260	\$62,000	Bachelor's degree	Less than 5 years	None
11-9131	Postmasters and Mail Superintendents	40	30	-10	-27.5	10	\$74,700	High school diploma	Less than 5 years	Moderate-term OTJ
11-9151	Social and Community Service Managers	50	60	10	14.8	60	\$65,940	Bachelor's degree	Less than 5 years	None
11-9199	Managers, All Other	110	110	0	3.6	80	\$108,510	Bachelor's degree	Less than 5 years	None
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Pr	140	130	-10	-9.2	100	*	Bachelor's degree	None	Moderate-term OTJ
13-1041	Compliance Officers	160	160	0	1.9	130	\$45,560	Bachelor's degree	None	Moderate-term OTJ
13-1051	Cost Estimators	30	40	0	6.1	40	\$56,130	Bachelor's degree	None	Moderate-term OTJ
13-1071	Human Resources Specialists	180	180	0	0.6	170	\$46,030	Bachelor's degree	None	None
13-1111	Management Analysts	100	110	10	10.1	100	\$63,840	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	70	70	10	7.7	70	\$64,860	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	100	120	20	21.0	130	\$55,010	Bachelor's degree	None	None

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13-1199	Business Operations Specialists, All Other	190	170	-10	-6.5	150	\$67,330	Bachelor's degree	None	None
13-2011	Accountants and Auditors	390	410	30	7.5	380	\$57,590	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	80	90	10	10.7	70	\$36,960	Bachelor's degree	None	Long-term OTJ
13-2031	Budget Analysts	60	60	0	1.6	50	*	Bachelor's degree	None	None
13-2072	Loan Officers	320	350	30	9.2	290	\$68,220	Bachelor's degree	None	Moderate-term OTJ
15-1121	Computer Systems Analysts	30	30	0	6.3	20	\$75,180	Bachelor's degree	None	None
15-1131	Computer Programmers	40	30	0	-11.4	20	*	Bachelor's degree	None	None
15-1132	Software Developers, Applications	40	60	10	29.6	50	\$68,140	Bachelor's degree	None	None
15-1142	Network and Computer Systems Administrators	70	70	0	2.8	50	\$60,360	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	210	230	10	6.1	170	\$41,990	Some college, no deg	None	None
15-1199	Computer Occupations, All Other	40	40	0	-2.4	30	\$68,870	Bachelor's degree	None	None
17-1022	Surveyors	70	70	0	2.9	50	*	Bachelor's degree	None	Internship/residency
17-2051	Civil Engineers	30	30	0	-3.6	20	\$79,590	Bachelor's degree	None	None
17-2071	Electrical Engineers	30	30	10	18.5	20	\$90,830	Bachelor's degree	None	None
17-2081	Environmental Engineers	30	30	0	7.7	20	*	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engine	30	30	0	11.1	20	*	Bachelor's degree	None	None
17-2141	Mechanical Engineers	170	200	30	15.9	140	\$77,950	Bachelor's degree	None	None
17-2171	Petroleum Engineers	270	330	60	22.6	250	*	Bachelor's degree	None	None
17-3013	Mechanical Drafters	120	130	20	12.9	120	\$56,880	Associate's degree	None	None
17-3023	Electrical and Electronics Engineering Technicians	30	30	0	13.3	30	\$75,520	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	60	70	10	16.1	70	\$69,400	Associate's degree	None	None
19-1031	Conservation Scientists	30	30	0	-6.7	20	\$63,270	Bachelor's degree	None	None
19-2031	Chemists	30	30	0	0.0	30	*	Bachelor's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	30	40	0	6.1	20	*	Doctoral or professio	None	Internship/residency
19-4041	Geological and Petroleum Technicians	50	60	10	17.7	60	\$45,460	Associate's degree	None	Moderate-term OTJ
21-1011	Substance Abuse and Behavioral Disorder Counselors	60	70	10	16.4	80	*	Bachelor's degree	None	None
21-1012	Educational, Guidance, School, and Vocational Counselor:	140	150	10	9.3	160	\$42,880	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	230	230	10	2.6	240	\$33,690	Bachelor's degree	None	None

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Code	Title	2016	2026	Number	Percent			Typical Entry-Level Education ¹	Work Experience in a Related Occupation ²	Typical on-the-job Training ³
21-1022	Healthcare Social Workers	50	60	10	13.5	60	\$45,710	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	50	50	10	11.1	50	\$33,430	Master's degree	None	Internship/residency
21-1094	Community Health Workers	90	90	10	6.8	120	*	High school diploma	None	Short-term OTJ
23-1011	Lawyers	110	110	0	2.8	50	\$78,920	Doctoral or professio	None	None
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	2.0	20	\$49,230	Doctoral or professio	5 years or more	Short-term OTJ
23-2011	Paralegals and Legal Assistants	40	40	0	2.5	40	\$42,950	Associate's degree	None	None
25-1011	Business Teachers, Postsecondary	30	40	10	17.7	30	\$59,290	Doctoral or professio	None	None
25-1071	Health Specialties Teachers, Postsecondary	50	60	10	23.5	60	\$62,650	Doctoral or professio	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	40	50	10	21.4	40	\$54,050	Doctoral or professio	Less than 5 years	None
25-1194	Vocational Education Teachers, Postsecondary	80	80	0	0.0	60	\$52,840	Bachelor's degree	Less than 5 years	None
25-2011	Preschool Teachers, Except Special Education	200	220	20	8.0	220	\$34,120	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	110	120	10	5.5	120	\$37,750	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	880	930	60	6.4	690	\$38,890	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Techr	310	320	20	6.2	240	\$43,070	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Te	680	720	40	6.5	520	\$44,830	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	40	40	0	5.1	30	\$45,390	Bachelor's degree	Less than 5 years	None
25-2052	Special Education Teachers, Kindergarten and Elementary	90	100	10	5.4	70	\$44,040	Bachelor's degree	None	None
25-2053	Special Education Teachers, Middle School	30	30	0	3.7	20	*	Bachelor's degree	None	None
25-2054	Special Education Teachers, Secondary School	50	50	0	4.3	40	\$43,230	Bachelor's degree	None	None
25-3097	Teachers and Instructors, All Other, Except Substitute Tea	60	60	0	0.0	70	\$57,750	Bachelor's degree	None	None
25-3098	Substitute Teachers	290	310	20	8.4	350	\$18,090	Bachelor's degree	None	None
25-4021	Librarians	90	100	10	6.5	90	\$45,320	Master's degree	None	None
25-4031	Library Technicians	50	60	0	7.4	80	\$22,370	Postsecondary non-d	None	None
25-9031	Instructional Coordinators	30	30	0	10.0	30	\$46,230	Master's degree	5 years or more	None
25-9041	Teacher Assistants	620	660	40	6.7	680	\$18,020	Some college, no deg	None	None
25-9099	Education, Training, and Library Workers, All Other	120	110	-10	-8.5	90	\$35,790	Bachelor's degree	None	None
27-1023	Floral Designers	40	30	0	-10.5	30	\$0	High school diploma	None	Moderate-term OTJ
27-1024	Graphic Designers	60	60	0	1.8	50	\$39,780	Bachelor's degree	None	None

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27-3031	Public Relations Specialists	50	50	0	4.1	50	\$45,390	Bachelor's degree	None	None
27-3041	Editors	40	40	0	0.0	40	*	Bachelor's degree	Less than 5 years	None
29-1031	Dietitians and Nutritionists	50	60	10	12.2	40	\$20,290	Bachelor's degree	None	Internship/residency
29-1051	Pharmacists	190	200	0	2.1	90	\$108,250	Doctoral or professio	None	None
29-1062	Family and General Practitioners	60	70	10	10.0	20	\$177,480	Doctoral or professio	None	Internship/residency
29-1071	Physician Assistants	50	60	10	22.0	40	\$118,960	Master's degree	None	None
29-1122	Occupational Therapists	60	70	10	19.3	40	\$68,900	Master's degree	None	None
29-1123	Physical Therapists	90	110	20	23.5	60	\$79,920	Doctoral or professio	None	None
29-1127	Speech-Language Pathologists	60	70	10	13.8	40	\$59,780	Master's degree	None	Internship/residency
29-1131	Veterinarians	50	50	10	13.0	20	*	Doctoral or professio	None	None
29-1141	Registered Nurses	930	1,020	90	9.4	580	\$57,190	Bachelor's degree	None	None
29-1171	Nurse Practitioners	80	100	20	27.5	70	\$116,660	Master's degree	None	None
29-2011	Medical and Clinical Laboratory Technologists	80	80	10	6.6	50	*	Bachelor's degree	None	None
29-2012	Medical and Clinical Laboratory Technicians	50	50	0	8.9	30	*	Associate's degree	None	None
29-2021	Dental Hygienists	50	60	10	14.0	40	\$81,620	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	30	30	0	15.4	20	*	Associate's degree	None	None
29-2034	Radiologic Technologists	90	100	10	7.5	60	\$47,820	Associate's degree	None	None
29-2051	Dietetic Technicians	60	60	0	5.2	50	\$19,140	Associate's degree	None	None
29-2052	Pharmacy Technicians	220	240	20	9.7	200	\$27,250	High school diploma	None	Moderate-term OTJ
29-2055	Surgical Technologists	40	40	0	5.6	30	*	Postsecondary non-d	None	None
29-2056	Veterinary Technologists and Technicians	40	40	0	11.4	30	\$31,030	Associate's degree	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	630	670	50	7.5	500	\$38,920	Postsecondary non-d	None	None
29-2071	Medical Records and Health Information Technicians	220	250	20	10.3	160	\$33,060	Postsecondary non-d	None	None
29-2081	Opticians, Dispensing	50	60	10	11.8	40	\$30,920	High school diploma	None	Long-term OTJ
29-2099	Health Technologists and Technicians, All Other	50	60	10	15.4	40	*	Postsecondary non-d	None	None
29-9011	Occupational Health and Safety Specialists	50	60	10	12.0	30	\$67,840	Bachelor's degree	None	None
31-1014	Nursing Assistants	870	930	60	6.7	1,060	\$22,710	Postsecondary non-d	None	None
31-2012	Occupational Therapy Aides	30	30	0	10.7	40	*	High school diploma	None	Short-term OTJ

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31-9091	Dental Assistants	140	150	20	11.8	170	\$33,970	Postsecondary non-d	None	None
31-9092	Medical Assistants	210	260	50	24.5	300	\$24,050	Postsecondary non-d	None	None
31-9097	Phlebotomists	40	40	10	19.4	50	*	Postsecondary non-d	None	None
33-1012	First-Line Supervisors of Police and Detectives	90	100	0	4.3	60	\$50,130	High school diploma	Less than 5 years	Moderate-term OTJ
33-1021	First-Line Supervisors of Fire Fighting and Prevention Wor	40	40	0	7.9	30	\$49,420	Postsecondary non-d	Less than 5 years	Moderate-term OTJ
33-2011	Firefighters	200	200	10	4.6	140	\$35,510	Postsecondary non-d	None	Long-term OTJ
33-3021	Detectives and Criminal Investigators	60	60	0	3.4	40	\$49,450	High school diploma	Less than 5 years	Moderate-term OTJ
33-3051	Police and Sheriff's Patrol Officers	350	370	20	4.8	240	\$34,330	High school diploma	None	Moderate-term OTJ
33-9011	Animal Control Workers	40	40	0	5.7	40	*	High school diploma	None	Moderate-term OTJ
33-9031	Gaming Surveillance Officers and Gaming Investigators	70	70	0	-2.8	90	*	High school diploma	Less than 5 years	Moderate-term OTJ
33-9032	Security Guards	260	260	0	0.4	340	\$28,600	High school diploma	None	Short-term OTJ
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective S	60	60	0	5.2	150	\$23,020	No formal education	None	Short-term OTJ
35-2011	Cooks, Fast Food	370	330	-40	-10.0	450	\$18,230	No formal education	None	Short-term OTJ
35-2012	Cooks, Institution and Cafeteria	480	480	0	-0.4	670	\$19,250	No formal education	None	Short-term OTJ
35-2014	Cooks, Restaurant	430	450	20	3.9	630	\$19,220	No formal education	Less than 5 years	Moderate-term OTJ
35-2021	Food Preparation Workers	220	220	0	-0.5	360	\$19,410	No formal education	None	Short-term OTJ
35-3011	Bartenders	170	160	-10	-4.7	260	\$18,540	No formal education	None	Short-term OTJ
35-3021	Combined Food Preparation and Serving Workers, Includi	1,610	1,770	160	10.1	3,230	\$18,300	No formal education	None	Short-term OTJ
35-3022	Counter Attendants, Cafeteria, Food Concession, and Cof	280	280	0	1.1	610	\$18,250	No formal education	None	Short-term OTJ
35-3031	Waiters and Waitresses	880	890	10	1.4	1,670	\$18,110	No formal education	None	Short-term OTJ
35-3041	Food Servers, Nonrestaurant	330	330	0	1.2	490	\$18,840	No formal education	None	Short-term OTJ
35-9011	Dining Room and Cafeteria Attendants and Bartender Hel	100	110	0	1.0	180	*	No formal education	None	Short-term OTJ
35-9021	Dishwashers	100	100	0	0.0	160	\$18,060	No formal education	None	Short-term OTJ
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Sho	100	100	0	-1.0	230	\$17,910	No formal education	None	Short-term OTJ
37-1011	First-Line Supervisors of Housekeeping and Janitorial Wor	140	150	10	6.4	170	\$27,410	High school diploma	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and C	40	50	0	9.5	50	*	High school diploma	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cl	1,020	1,080	60	6.1	1,410	\$21,180	No formal education	None	Short-term OTJ
37-2012	Maids and Housekeeping Cleaners	560	580	20	2.7	760	\$19,420	No formal education	None	Short-term OTJ

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37-3011	Landscaping and Groundskeeping Workers	350	380	30	9.3	460	\$25,400	No formal education	None	Short-term OTJ
37-3013	Tree Trimmers and Pruners	60	70	10	12.9	90	*	High school diploma	None	Short-term OTJ
39-4021	Funeral Attendants	50	40	-10	-10.4	60	\$18,080	High school diploma	None	Short-term OTJ
39-5012	Hairdressers, Hairstylists, and Cosmetologists	100	100	0	4.0	120	\$23,210	Postsecondary non-d	None	None
39-9011	Childcare Workers	450	470	30	5.6	690	\$18,520	High school diploma	None	Short-term OTJ
39-9021	Personal Care Aides	320	430	110	35.9	630	\$18,970	High school diploma	None	Short-term OTJ
39-9031	Fitness Trainers and Aerobics Instructors	90	90	0	4.7	150	*	High school diploma	None	Short-term OTJ
41-1011	First-Line Supervisors of Retail Sales Workers	880	910	30	2.8	960	\$28,420	High school diploma	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	40	40	0	2.3	40	\$59,070	High school diploma	Less than 5 years	None
41-2011	Cashiers	2,660	2,580	-80	-2.8	4,790	\$19,470	No formal education	None	Short-term OTJ
41-2012	Gaming Change Persons and Booth Cashiers	60	60	0	0.0	100	*	No formal education	None	Short-term OTJ
41-2021	Counter and Rental Clerks	110	110	0	0.9	140	\$21,000	No formal education	None	Short-term OTJ
41-2022	Parts Salespersons	190	200	10	4.3	240	\$32,480	No formal education	None	Moderate-term OTJ
41-2031	Retail Salespersons	1,650	1,660	10	0.7	2,380	\$22,170	No formal education	None	Short-term OTJ
41-3011	Advertising Sales Agents	40	40	0	-6.8	50	*	High school diploma	None	Moderate-term OTJ
41-3021	Insurance Sales Agents	190	200	20	8.1	200	\$34,120	High school diploma	None	Moderate-term OTJ
41-3099	Sales Representatives, Services, All Other	180	200	20	12.1	250	\$39,200	High school diploma	None	Moderate-term OTJ
41-4011	Sales Representatives, Wholesale and Manufacturing, Tex	250	250	10	2.9	260	\$55,690	Bachelor's degree	None	Moderate-term OTJ
41-4012	Sales Representatives, Wholesale and Manufacturing, Exc	570	610	40	7.2	630	\$38,960	High school diploma	None	Moderate-term OTJ
41-9022	Real Estate Sales Agents	150	160	10	5.9	150	\$64,010	High school diploma	None	Moderate-term OTJ
43-1011	First-Line Supervisors of Office and Administrative Support	620	630	10	1.6	610	\$42,480	High school diploma	Less than 5 years	None
43-3011	Bill and Account Collectors	90	90	0	1.2	90	\$34,220	High school diploma	None	Moderate-term OTJ
43-3021	Billing and Posting Clerks	190	200	20	8.7	210	\$32,750	High school diploma	None	Moderate-term OTJ
43-3031	Bookkeeping, Accounting, and Auditing Clerks	940	910	-30	-3.1	990	\$32,250	Some college, no deg	None	Moderate-term OTJ
43-3051	Payroll and Timekeeping Clerks	160	150	-10	-3.2	150	\$38,750	High school diploma	None	Moderate-term OTJ
43-3071	Tellers	570	510	-60	-10.6	560	\$24,430	High school diploma	None	Short-term OTJ
43-4031	Court, Municipal, and License Clerks	150	160	10	6.6	140	\$32,190	High school diploma	None	Moderate-term OTJ
43-4051	Customer Service Representatives	630	640	20	2.7	820	\$31,850	High school diploma	None	Short-term OTJ

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43-4071	File Clerks	50	50	-10	-13.2	50	\$25,560	High school diploma	None	Short-term OTJ
43-4081	Hotel, Motel, and Resort Desk Clerks	170	170	0	-1.8	250	\$19,040	High school diploma	None	Short-term OTJ
43-4121	Library Assistants, Clerical	70	70	0	6.2	100	\$18,850	High school diploma	None	Short-term OTJ
43-4131	Loan Interviewers and Clerks	160	180	20	9.9	180	\$26,660	High school diploma	None	Short-term OTJ
43-4141	New Accounts Clerks	80	80	-10	-8.5	80	\$28,450	High school diploma	None	Moderate-term OTJ
43-4151	Order Clerks	30	30	0	-3.9	30	*	High school diploma	None	Short-term OTJ
43-4161	Human Resources Assistants, Except Payroll and Timekeeper	60	50	0	-7.1	60	\$34,630	Associate's degree	None	None
43-4171	Receptionists and Information Clerks	330	340	10	3.4	440	\$24,960	High school diploma	None	Short-term OTJ
43-4199	Information and Record Clerks, All Other	90	80	-10	-5.9	90	\$35,820	High school diploma	None	Short-term OTJ
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	7.0	160	\$31,390	High school diploma	None	Moderate-term OTJ
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	140	0	0.7	120	\$34,520	High school diploma	None	Moderate-term OTJ
43-5041	Meter Readers, Utilities	40	30	0	-2.9	20	\$33,510	High school diploma	None	Short-term OTJ
43-5051	Postal Service Clerks	100	80	-20	-21.2	50	\$44,500	High school diploma	None	Short-term OTJ
43-5052	Postal Service Mail Carriers	280	220	-60	-21.7	100	\$47,040	High school diploma	None	Short-term OTJ
43-5061	Production, Planning, and Expediting Clerks	100	100	0	-2.9	100	\$43,550	High school diploma	None	Moderate-term OTJ
43-5071	Shipping, Receiving, and Traffic Clerks	110	110	0	-2.7	110	\$34,140	High school diploma	None	Short-term OTJ
43-6013	Medical Secretaries	320	380	60	17.4	430	\$27,890	High school diploma	None	Moderate-term OTJ
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,410	1,290	-130	-8.9	1,310	\$30,580	High school diploma	None	Short-term OTJ
43-9061	Office Clerks, General	1,170	1,130	-40	-3.6	1,290	\$26,550	High school diploma	None	Short-term OTJ
45-2091	Agricultural Equipment Operators	170	170	0	0.6	260	\$24,140	No formal education	None	Moderate-term OTJ
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	620	700	80	12.8	710	\$70,420	High school diploma	5 years or more	None
47-2031	Carpenters	150	160	20	10.3	150	\$38,070	High school diploma	None	Apprenticeship
47-2061	Construction Laborers	460	520	60	12.4	550	\$32,380	No formal education	None	Short-term OTJ
47-2071	Paving, Surfacing, and Tamping Equipment Operators	90	100	10	6.6	100	\$39,980	High school diploma	None	Moderate-term OTJ
47-2073	Operating Engineers and Other Construction Equipment Operators	520	570	50	8.8	640	\$48,130	High school diploma	None	Moderate-term OTJ
47-2111	Electricians	280	310	30	9.9	350	\$47,300	High school diploma	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	110	120	10	4.6	100	\$33,210	No formal education	None	Moderate-term OTJ
47-2152	Plumbers, Pipefitters, and Steamfitters	280	320	40	15.2	350	\$32,110	High school diploma	None	Apprenticeship

SOUTHWEST OKLAHOMA OCCUPATIONAL PROJECTIONS, 2016 AND PROJECTED 2026

Occupation		Employment		Employment Change		Total Openings	Median Annual Wage, 2018	Education and Training Classification		
Code	Title	2016	2026	Number	Percent			Typical Entry-Level Education ¹	Work Experience in a Related Occupation ²	Typical on-the-job Training ³
47-4041	Hazardous Materials Removal Workers	30	40	10	14.7	50	*	High school diploma	None	Moderate-term OTJ
47-4051	Highway Maintenance Workers	280	300	20	6.7	310	\$29,480	High school diploma	None	Moderate-term OTJ
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	30	0	11.5	40	\$29,650	High school diploma	None	Moderate-term OTJ
47-5012	Rotary Drill Operators, Oil and Gas	350	450	100	27.8	570	*	No formal education	None	Moderate-term OTJ
47-5013	Service Unit Operators, Oil, Gas, and Mining	530	660	130	25.3	830	\$37,400	No formal education	None	Moderate-term OTJ
47-5042	Mine Cutting and Channeling Machine Operators	30	30	0	-10.0	30	*	High school diploma	None	Moderate-term OTJ
47-5071	Roustabouts, Oil and Gas	520	660	140	27.9	860	\$35,840	No formal education	None	Moderate-term OTJ
49-1011	First-Line Supervisors of Mechanics, Installers, and Repair	320	330	10	4.1	290	\$68,610	High school diploma	Less than 5 years	None
49-2022	Telecommunications Equipment Installers and Repairers,	60	50	-10	-8.9	50	\$56,240	Postsecondary non-d	None	Moderate-term OTJ
49-2094	Electrical and Electronics Repairers, Commercial and Indu	70	70	0	-4.4	60	\$68,750	Postsecondary non-d	None	Long-term OTJ
49-3011	Aircraft Mechanics and Service Technicians	330	310	-30	-7.8	220	\$61,880	Postsecondary non-d	None	None
49-3021	Automotive Body and Related Repairers	140	140	0	-1.4	130	\$33,180	High school diploma	None	Long-term OTJ
49-3023	Automotive Service Technicians and Mechanics	290	300	10	3.5	280	\$34,490	Postsecondary non-d	None	Short-term OTJ
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	180	190	10	5.0	170	\$43,010	High school diploma	None	Long-term OTJ
49-3041	Farm Equipment Mechanics and Service Technicians	150	160	20	10.2	160	\$44,560	High school diploma	None	Long-term OTJ
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	70	10	10.0	70	\$41,010	High school diploma	None	Long-term OTJ
49-3093	Tire Repairers and Changers	90	90	0	0.0	110	\$27,440	High school diploma	None	Short-term OTJ
49-9011	Mechanical Door Repairers	30	30	0	11.1	20	*	High school diploma	None	Moderate-term OTJ
49-9012	Control and Valve Installers and Repairers, Except Mecha	30	30	0	13.8	30	*	High school diploma	None	Moderate-term OTJ
49-9041	Industrial Machinery Mechanics	180	180	10	3.4	160	\$53,030	High school diploma	None	Long-term OTJ
49-9043	Maintenance Workers, Machinery	180	180	0	1.1	180	\$41,310	High school diploma	None	Long-term OTJ
49-9051	Electrical Power-Line Installers and Repairers	240	310	60	26.3	280	\$65,270	High school diploma	None	Long-term OTJ
49-9071	Maintenance and Repair Workers, General	650	680	30	4.6	670	\$29,130	High school diploma	None	Moderate-term OTJ
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9.5	150	\$24,640	High school diploma	None	Short-term OTJ
51-1011	First-Line Supervisors of Production and Operating Work	380	380	0	0.3	360	\$58,390	High school diploma	Less than 5 years	None
51-2092	Team Assemblers	240	190	-50	-21.2	190	*	High school diploma	None	Moderate-term OTJ
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	60	60	0	7.0	80	*	No formal education	None	Short-term OTJ
51-3023	Slaughterers and Meat Packers	70	60	0	-3.1	80	*	No formal education	None	Short-term OTJ

SOUTHWEST OKLAHOMA OCCUPATIONAL PROJECTIONS, 2016 AND PROJECTED 2026

Occupation		Employment		Employment Change		Total Openings	Median Annual Wage, 2018	Education and Training Classification		
Code	Title	2016	2026	Number	Percent			Typical Entry-Level Education ¹	Work Experience in a Related Occupation ²	Typical on-the-job Training ³
51-4041	Machinists	140	130	-10	-4.4	130	\$34,580	High school diploma	None	Long-term OTJ
51-4121	Welders, Cutters, Solderers, and Brazers	280	280	10	2.2	300	\$39,140	High school diploma	None	Moderate-term OTJ
51-6011	Laundry and Dry-Cleaning Workers	120	110	-10	-10.6	140	\$19,700	No formal education	None	Short-term OTJ
51-8031	Water and Wastewater Treatment Plant and System Operators	250	250	0	-1.6	200	\$32,880	High school diploma	None	Long-term OTJ
51-8092	Gas Plant Operators	60	70	0	4.8	70	*	High school diploma	None	Long-term OTJ
51-8093	Petroleum Pump System Operators, Refinery Operators, and Blenders	70	80	10	10.0	80	\$69,040	High school diploma	None	Moderate-term OTJ
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	30	-10	-15.4	30	\$23,740	High school diploma	None	Moderate-term OTJ
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	40	30	-10	-12.8	40	*	High school diploma	None	Moderate-term OTJ
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	120	100	-10	-11.9	120	*	High school diploma	None	Moderate-term OTJ
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	170	160	-10	-4.2	190	\$34,350	High school diploma	None	Moderate-term OTJ
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	110	100	-10	-6.5	100	*	High school diploma	None	Long-term OTJ
51-9198	Helpers--Production Workers	140	140	0	-2.8	210	\$27,990	High school diploma	None	Short-term OTJ
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers	60	70	0	6.6	70	*	High school diploma	Less than 5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Equipment Operators	160	170	10	6.8	180	*	High school diploma	Less than 5 years	None
53-3022	Bus Drivers, School or Special Client	180	170	-10	-3.9	200	\$19,860	High school diploma	None	Short-term OTJ
53-3031	Driver/Sales Workers	180	180	0	1.1	190	*	High school diploma	None	Short-term OTJ
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,610	1,680	70	4.5	1,810	\$43,630	Postsecondary non-degree	None	Short-term OTJ
53-3033	Light Truck or Delivery Services Drivers	220	230	10	4.6	250	\$31,890	High school diploma	None	Short-term OTJ
53-3041	Taxi Drivers and Chauffeurs	140	140	0	1.4	140	\$23,670	No formal education	None	Short-term OTJ
53-6031	Automotive and Watercraft Service Attendants	60	60	0	-1.6	100	\$24,090	No formal education	None	Short-term OTJ
53-7011	Conveyor Operators and Tenders	70	70	0	-5.8	90	\$33,330	No formal education	None	Short-term OTJ
53-7051	Industrial Truck and Tractor Operators	200	190	-10	-4.5	210	\$31,230	No formal education	None	Short-term OTJ
53-7061	Cleaners of Vehicles and Equipment	180	190	10	5.5	270	\$24,490	No formal education	None	Short-term OTJ
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	610	630	20	2.5	850	\$26,850	No formal education	None	Short-term OTJ
53-7064	Packers and Packagers, Hand	110	120	10	8.0	190	\$27,140	No formal education	None	Short-term OTJ
53-7081	Refuse and Recyclable Material Collectors	40	40	0	7.9	50	\$27,730	No formal education	None	Short-term OTJ

SOUTHWEST OKLAHOMA OCCUPATIONAL PROJECTIONS, 2016 AND PROJECTED 2026

Code	Occupation	Employment		Employment Change		Total Openings	Median Annual Wage, 2018	Education and Training Classification		
	Title	2016	2026	Number	Percent			Typical Entry-Level Education ¹	Work Experience in a Related Occupation ²	Typical on-the-job Training ³

Footnotes:

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

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

³OTJ= on-the-job Training, which indicates the typical on-the-job training needed to attain competency in the occupation.

⁴Total, All Occupations include covered employment and self-employed workers. Covered employment data are from the Bureau of Labor Statistics(BLS) Quarterly Census of Employment and Wages(QCEW) program from Oklahoma Employment Security Commission. Self-employed workers data are produced from the projection matrix system based on Oklahoma Occupational Employment Statistics(OES) survey. Employment estimates have been rounded to the nearest 10. Percent change is based on unrounded data.

* Indicates that a wage estimate is not available. Wage data are from the Occupational Employment Statistics program, Oklahoma Employment Security Commission, Research & Analysis Division.

NOTE: For more information about the education, work experience, and OTJ categories assigned to occupations, see https://www.bls.gov/emp/ep_nem_definitions.htm#education

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