

## SOUTHERN Workforce Investment Area Occupational Projections 2010-2020

Occupation Code	Occupation Title	Employment		Employment Change 2010-2020		Total Openings	Oklahoma	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent		Median Annual Wage			
<b>00-0000</b>	<b>Total Occupations</b>	<b>127,320</b>	<b>146,890</b>	<b>19,570</b>	<b>15.4%</b>	<b>50,500</b>	<b>\$30,049</b>			
11-1021	General and Operations Managers	2,000	2,090	90	4.4%	460	\$73,939	Associate's degree	1 to 5 years	None
11-2021	Marketing Managers	60	70	10	18.6%	30	\$75,900	Bachelor's degree	1 to 5 years	None
11-2022	Sales Managers	110	120	10	13.3%	50	\$81,912	Bachelor's degree	1 to 5 years	None
11-3011	Administrative Services Managers	230	260	30	13.6%	90	\$56,869	High school diploma or equivalent	1 to 5 years	None
11-3021	Computer and Information Systems Managers	100	110	10	11.2%	30	\$88,347	Bachelor's degree	More than 5 years	None
11-3031	Financial Managers	300	340	40	14.0%	100	\$79,967	Bachelor's degree	More than 5 years	None
11-3051	Industrial Production Managers	180	210	20	12.5%	70	\$76,160	Bachelor's degree	1 to 5 years	None
11-3061	Purchasing Managers	40	40	0	7.5%	20	\$74,016	Bachelor's degree	More than 5 years	None
11-3071	Transportation, Storage, and Distribution Managers	70	70	10	7.2%	20	\$70,766	High school diploma or equivalent	More than 5 years	None
11-3111	Compensation and Benefits Managers	50	50	0	2.2%	10	\$63,742	Bachelor's degree	1 to 5 years	None
11-3121	Human Resources Managers	30	40	0	11.8%	10	\$60,510	Bachelor's degree	1 to 5 years	None
11-9021	Construction Managers	230	260	30	13.4%	50	\$68,913	Associate's degree	More than 5 years	None
11-9031	Education Administrators, Preschool and Child Care Center/Program	50	60	10	20.8%	30	\$34,266	Bachelor's degree	1 to 5 years	None
11-9032	Education Administrators, Elementary and Secondary School	280	310	30	10.9%	110	\$68,383	Master's degree	1 to 5 years	None
11-9041	Engineering Managers	60	60	0	-1.6%	10	\$104,565	Bachelor's degree	More than 5 years	None
11-9051	Food Service Managers	270	270	0	0.8%	50	\$39,420	High school diploma or equivalent	1 to 5 years	None
11-9111	Medical and Health Services Managers	480	590	110	22.7%	230	\$71,061	Bachelor's degree	None	None
11-9131	Postmasters and Mail Superintendents	120	110	-10	-10.7%	20	\$57,468	High school diploma or equivalent	1 to 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	380	430	60	14.9%	140	\$39,277	High school diploma or equivalent	1 to 5 years	None
11-9151	Social and Community Service Managers	100	130	20	22.1%	50	\$49,842	Bachelor's degree	1 to 5 years	None
11-9199	Managers, All Other	110	120	10	7.4%	30	\$89,165	High school diploma or equivalent	1 to 5 years	None
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6.0%	60	\$54,468	High school diploma or equivalent	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	90	100	10	10.0%	30	\$50,416	High school diploma or equivalent	None	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	230	260	30	13.2%	60	\$42,999	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	110	140	40	37.1%	60	\$52,398	Bachelor's degree	None	None
13-1078	Human resources, labor relations, and training specialists, all other	100	120	20	23.7%	40	\$46,535	Bachelor's degree	None	None
13-1081	Logisticians	110	130	20	22.0%	50	\$69,655	Bachelor's degree	1 to 5 years	None
13-1111	Management Analysts	150	190	40	24.0%	60	\$63,858	Bachelor's degree	1 to 5 years	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	70	70	0	0.0%	10	\$47,399	Bachelor's degree	None	None
13-1151	Training and Development Specialists	110	150	30	28.3%	50	\$47,755	Bachelor's degree	None	None
13-1161	Market Research Analysts and Marketing Specialists	70	100	30	40.6%	50	\$48,395	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	360	420	60	16.6%	130	\$64,177	High school diploma or equivalent	Less than 1 year	Long-term on-the-job training

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		2010	2020	Numeric	Percent		Median Annual Wage			
13-2011	Accountants and Auditors	800	910	110	13.8%	280	\$51,296	Bachelor's degree	None	None
13-2031	Budget Analysts	50	60	10	18.5%	20	\$59,983	Bachelor's degree	None	None
13-2051	Financial Analysts	80	100	20	23.4%	30	\$60,957	Bachelor's degree	None	None
13-2072	Loan Officers	600	770	160	27.0%	320	\$42,316	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	100	100	10	6.3%	30	\$37,908	Bachelor's degree	None	Moderate-term on-the-job training
15-1121	Computer Systems Analysts	60	70	10	15.0%	20	\$64,448	Bachelor's degree	None	None
15-1131	Computer Programmers	130	130	0	0.8%	30	\$57,093	Bachelor's degree	None	None
15-1132	Software Developers, Applications	110	120	10	13.2%	30	\$65,853	Bachelor's degree	None	None
15-1141	Database Administrators	40	50	10	21.4%	20	\$59,441	Bachelor's degree	1 to 5 years	None
15-1142	Network and computer systems architects and administrators	130	160	30	23.6%	50	\$54,887	Bachelor's degree	None	None
15-1150	Computer Support Specialists	280	320	40	12.7%	110	\$38,900	Some college, no degree	None	Moderate-term on-the-job training
15-1179	Information Security Analysts, Web Developers, and Computer Network Architects	60	70	10	10.9%	20	\$59,373	Bachelor's degree	1 to 5 years	None
17-1022	Surveyors	30	30	10	17.9%	10	\$47,318	Bachelor's degree	None	None
17-2051	Civil Engineers	100	90	0	-3.2%	20	\$74,354	Bachelor's degree	None	None
17-2081	Environmental Engineers	60	70	10	19.6%	20	\$70,810	Bachelor's degree	None	None
17-2112	Industrial Engineers	90	90	0	0.0%	20	\$71,012	Bachelor's degree	None	None
17-2141	Mechanical Engineers	70	70	0	5.8%	30	\$74,393	Bachelor's degree	None	None
17-2171	Petroleum Engineers	70	90	20	31.0%	40	\$127,542	Bachelor's degree	None	None
17-3031	Surveying and Mapping Technicians	60	70	0	6.3%	20	\$31,971	High school diploma or equivalent	None	Moderate-term on-the-job training
19-1031	Conservation Scientists	40	40	10	14.3%	10	\$63,965	Bachelor's degree	None	None
19-2031	Chemists	30	30	0	7.7%	10	\$65,584	Bachelor's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	100	110	20	17.7%	50	\$47,804	Doctoral or professional degree	None	Internship/residency
19-4093	Forest and Conservation Technicians	40	50	10	17.1%	20	\$41,189	Associate's degree	None	None
21-1011	Substance Abuse and Behavioral Disorder Counselors	140	180	40	25.9%	70	\$38,278	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1012	Educational, Vocational, and School Counselors	230	270	40	18.1%	90	\$42,035	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	680	730	50	7.8%	210	\$31,223	Bachelor's degree	None	None
21-1022	Medical and Public Health Social Workers	150	200	50	36.3%	90	\$42,061	Master's degree	None	None
21-1023	Mental Health and Substance Abuse Social Workers	80	100	20	26.8%	40	\$31,831	Bachelor's degree	None	None
21-1093	Social and Human Service Assistants	320	380	60	17.0%	130	\$25,219	High school diploma or equivalent	None	Short-term on-the-job training
23-1011	Lawyers	700	740	40	5.1%	170	\$78,167	Doctoral or professional degree	None	None
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	5.8%	20	\$118,703	Doctoral or professional degree	More than 5 years	Short-term on-the-job training
23-2011	Paralegals and Legal Assistants	210	230	20	8.0%	50	\$38,221	Associate's degree	None	None

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25-2011	Preschool Teachers, Except Special Education	300	370	70	21.7%	150	\$23,399	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	250	300	50	19.5%	110	\$38,520	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	1,550	1,830	280	18.2%	620	\$41,319	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Vocational Education	670	790	120	18.3%	270	\$41,757	Bachelor's degree	None	Internship/residency
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,110	1,200	90	8.2%	390	\$42,862	Bachelor's degree	None	Internship/residency
25-2032	Vocational Education Teachers, Secondary School	140	150	0	2.1%	40	\$46,687	Bachelor's degree	1 to 5 years	Internship/residency
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	200	240	40	21.1%	100	\$42,806	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	90	100	20	21.2%	40	\$43,789	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	120	130	10	8.2%	50	\$44,638	Bachelor's degree	None	Internship/residency
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	60	60	10	8.9%	10	\$44,760	Bachelor's degree	None	Internship/residency
25-3021	Self-Enrichment Education Teachers	40	50	10	22.5%	20	\$38,081	High school diploma or equivalent	1 to 5 years	None
25-3999	Teachers and Instructors, All Other	680	790	100	15.2%	210	\$18,777	Bachelor's degree	None	None
25-4021	Librarians	190	210	20	9.5%	70	\$43,803	Master's degree	None	None
25-4031	Library Technicians	210	240	30	13.3%	120	\$20,337	Postsecondary non-degree award	None	None
25-9041	Teacher Assistants	1,170	1,320	160	13.4%	420	\$18,706	High school diploma or equivalent	None	Short-term on-the-job training
27-1024	Graphic Designers	90	100	10	10.5%	40	\$33,786	Bachelor's degree	None	None
27-2022	Coaches and Scouts	180	240	60	33.7%	110	\$23,660	High school diploma or equivalent	None	Long-term on-the-job training
27-2041	Music Directors and Composers	70	70	10	9.1%	20	\$41,533	Bachelor's degree	1 to 5 years	None
27-3031	Public Relations Specialists	170	200	30	14.6%	70	\$43,338	Bachelor's degree	None	Moderate-term on-the-job training
29-1021	Dentists, General	120	140	20	20.9%	60	\$143,890	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	60	70	10	17.7%	30	\$46,545	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	30	40	10	35.7%	20	\$82,494	Doctoral or professional degree	None	None
29-1051	Pharmacists	260	330	70	24.7%	130	\$107,398	Doctoral or professional degree	None	None
29-1062	Family and General Practitioners	190	240	50	24.5%	90	\$174,152	Doctoral or professional degree	None	Internship/residency
29-1066	Psychiatrists	50	60	10	20.8%	20	\$163,975	Doctoral or professional degree	None	Internship/residency
29-1067	Surgeons	30	30	10	23.1%	10	\$0	Doctoral or professional degree	None	Internship/residency
29-1071	Physician Assistants	130	170	30	25.8%	60	\$86,511	Master's degree	None	None
29-1111	Registered Nurses	2,600	3,250	640	24.8%	1,120	\$55,867	Associate's degree	None	None
29-1122	Occupational Therapists	50	60	10	22.0%	20	\$66,089	Master's degree	None	None
29-1123	Physical Therapists	110	140	40	34.3%	50	\$77,991	Doctoral or professional degree	None	None
29-1127	Speech-Language Pathologists	100	120	20	16.8%	40	\$55,719	Master's degree	None	None
29-1131	Veterinarians	80	100	20	26.7%	40	\$73,090	Doctoral or professional degree	None	None

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29-2011	Medical and Clinical Laboratory Technologists	110	130	10	10.6%	30	\$50,190	Bachelor's degree	None	None
29-2021	Dental Hygienists	100	140	40	34.3%	60	\$67,365	Associate's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	30	40	10	29.0%	10	\$40,321	Associate's degree	None	None
29-2041	Emergency Medical Technicians and Paramedics	450	600	140	31.3%	230	\$28,744	Postsecondary non-degree av	None	None
29-2052	Pharmacy Technicians	360	480	120	31.9%	180	\$24,916	High school diploma or equiv	None	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	50	70	10	20.4%	20	\$27,210	Postsecondary non-degree av	None	Short-term on-the-job training
29-2054	Respiratory Therapy Technicians	30	30	0	0.0%	10	\$38,450	Associate's degree	None	Moderate-term on-the-job training
29-2061	Licensed Practical and Licensed Vocational Nurses	1,360	1,630	280	20.3%	640	\$35,483	Postsecondary non-degree av	None	None
29-2071	Medical Records and Health Information Technicians	300	350	50	16.2%	110	\$28,978	Postsecondary non-degree av	None	None
29-9011	Occupational Health and Safety Specialists	70	80	10	7.0%	30	\$67,875	Bachelor's degree	None	Moderate-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,880	2,250	370	19.5%	610	\$21,007	Postsecondary non-degree av	None	None
31-2021	Physical Therapist Assistants	70	100	30	37.7%	40	\$47,236	Associate's degree	None	None
31-2022	Physical Therapist Aides	50	80	20	44.4%	30	\$21,069	High school diploma or equiv	None	Moderate-term on-the-job training
31-9091	Dental Assistants	140	170	40	26.7%	60	\$30,073	Postsecondary non-degree av	None	None
31-9092	Medical Assistants	240	310	70	30.3%	110	\$24,856	High school diploma or equiv	None	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	80	80	0	1.3%	10	\$27,676	Postsecondary non-degree av	None	None
31-9799	Healthcare Support Workers, All Other	180	210	40	20.2%	60	\$27,513	High school diploma or equiv	None	Short-term on-the-job training
33-1012	First-Line Supervisors/Managers of Police and Detectives	300	330	30	8.7%	130	\$52,817	High school diploma or equiv	1 to 5 years	Moderate-term on-the-job training
33-2011	Fire Fighters	510	590	80	15.4%	220	\$35,580	Postsecondary non-degree av	None	Long-term on-the-job training
33-3021	Detectives and Criminal Investigators	230	250	20	7.3%	70	\$53,250	High school diploma or equiv	1 to 5 years	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	1,290	1,460	170	13.4%	550	\$36,383	High school diploma or equiv	None	Moderate-term on-the-job training
33-9011	Animal Control Workers	80	100	10	15.5%	30	\$26,806	High school diploma or equiv	None	Moderate-term on-the-job training
33-9032	Security Guards	660	810	150	22.0%	250	\$24,256	High school diploma or equiv	None	Short-term on-the-job training
35-2011	Cooks, Fast Food	580	620	40	6.8%	160	\$17,991	Less than high school	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	890	980	80	9.2%	270	\$18,874	Less than high school	None	Short-term on-the-job training
35-2014	Cooks, Restaurant	730	910	170	23.8%	330	\$20,021	Less than high school	Less than 1 year	Moderate-term on-the-job training
35-2021	Food Preparation Workers	320	340	20	6.0%	130	\$18,198	Less than high school	None	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,610	3,310	700	26.9%	1,430	\$17,943	Less than high school	None	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	410	50	13.9%	310	\$17,663	Less than high school	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,760	2,120	350	20.1%	1,230	\$18,109	Less than high school	None	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	260	300	40	16.0%	220	\$17,860	Less than high school	None	None
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	300	320	20	5.0%	60	\$29,232	High school diploma or equiv	1 to 5 years	None

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37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping	190	210	20	12.6%	50	\$38,282	High school diploma or equivalent	1 to 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,490	1,660	170	11.6%	450	\$19,537	Less than high school	None	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	830	940	110	13.1%	250	\$20,961	Less than high school	None	Short-term on-the-job training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	50	50	0	8.3%	20	\$29,658	High school diploma or equivalent	1 to 5 years	None
39-9011	Child Care Workers	980	1,220	240	24.2%	550	\$18,262	High school diploma or equivalent	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	60	70	10	8.2%	20	\$24,805	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	90	120	30	26.9%	40	\$19,559	Bachelor's degree	None	None
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,640	1,780	140	8.8%	530	\$30,773	High school diploma or equivalent	1 to 5 years	None
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	120	130	10	6.5%	40	\$50,892	High school diploma or equivalent	More than 5 years	None
41-2011	Cashiers	3,590	3,870	280	7.9%	1,910	\$18,386	Less than high school	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	430	530	100	22.7%	200	\$19,907	Less than high school	None	Short-term on-the-job training
41-2031	Retail Salespersons	3,410	3,930	520	15.3%	1,520	\$19,963	Less than high school	None	Short-term on-the-job training
41-3011	Advertising Sales Agents	70	70	0	1.4%	20	\$35,502	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	120	30	27.8%	50	\$50,098	Bachelor's degree	None	Moderate-term on-the-job training
41-3099	Sales Representatives, Services, All Other	80	100	20	17.9%	40	\$40,205	High school diploma or equivalent	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	260	320	60	24.4%	120	\$57,298	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	940	1,100	160	16.8%	380	\$45,677	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	180	220	40	22.0%	80	\$33,665	High school diploma or equivalent	None	Long-term on-the-job training
41-9799	Sales and Related Workers, All Other	90	100	20	18.2%	40	\$22,544	High school diploma or equivalent	None	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,380	1,600	220	16.0%	590	\$42,925	High school diploma or equivalent	1 to 5 years	None
43-3011	Bill and Account Collectors	140	170	20	16.9%	50	\$28,561	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	370	440	60	17.2%	130	\$28,734	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,950	3,460	510	17.1%	830	\$28,846	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	310	380	60	20.2%	130	\$33,849	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	770	870	100	13.5%	420	\$21,727	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	1,370	1,690	330	23.8%	720	\$27,660	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	50	50	10	14.9%	20	\$35,831	Associate's degree	None	Moderate-term on-the-job training
43-4071	File Clerks	130	140	0	2.3%	40	\$23,621	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	320	390	80	23.7%	200	\$18,348	High school diploma or equivalent	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	70	10	15.8%	40	\$19,313	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	160	170	10	6.1%	40	\$26,152	High school diploma or equivalent	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	200	30	18.0%	80	\$33,024	High school diploma or equivalent	None	Short-term on-the-job training

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43-4171	Receptionists and Information Clerks	640	770	140	21.1%	330	\$22,352	High school diploma or equivalent	None	Short-term on-the-job training
43-5021	Couriers and Messengers	130	150	20	15.0%	50	\$22,375	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	200	230	30	15.1%	70	\$26,268	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	170	200	30	18.1%	60	\$30,058	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	60	70	10	10.9%	30	\$28,101	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	80	50	-30	-35.9%	20	\$53,835	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	340	370	30	9.7%	140	\$53,893	High school diploma or equivalent	None	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	110	70	-40	-35.8%	10	\$53,786	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	160	170	10	6.7%	50	\$42,594	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	510	530	20	4.7%	150	\$27,981	High school diploma or equivalent	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,210	1,220	10	0.7%	310	\$20,708	Less than high school	None	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	950	1,030	80	8.6%	210	\$37,386	High school diploma or equivalent	1 to 5 years	None
43-6014	Secretaries, Except Legal, Medical, and Executive	2,410	2,520	110	4.4%	430	\$26,908	High school diploma or equivalent	None	Short-term on-the-job training
43-9011	Computer Operators	40	40	0	-9.5%	0	\$31,379	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9021	Data Entry Keyers	120	120	0	-3.3%	20	\$24,297	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	60	10	20.0%	20	\$24,184	High school diploma or equivalent	None	Short-term on-the-job training
43-9061	Office Clerks, General	2,400	2,820	420	17.5%	840	\$23,277	High school diploma or equivalent	None	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	40	40	0	-7.0%	10	\$28,369	High school diploma or equivalent	None	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	100	110	10	10.4%	40	\$20,120	Less than high school	None	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	1,120	1,190	70	6.6%	420	\$21,089	Less than high school	None	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	670	780	110	16.3%	260	\$53,560	High school diploma or equivalent	More than 5 years	None
47-2021	Brickmasons and Blockmasons	90	120	30	35.6%	50	\$33,972	High school diploma or equivalent	None	Apprenticeship
47-2031	Carpenters	740	850	120	15.6%	270	\$31,202	High school diploma or equivalent	None	Apprenticeship
47-2051	Cement Masons and Concrete Finishers	110	140	30	25.9%	50	\$29,012	Less than high school	None	Moderate-term on-the-job training
47-2061	Construction Laborers	870	1,000	130	14.5%	200	\$26,176	Less than high school	None	Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	310	310	0	1.3%	70	\$29,326	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2072	Pile-Driver Operators	30	40	10	23.5%	20	\$33,746	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	620	730	110	17.8%	250	\$34,826	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2111	Electricians	560	670	110	19.5%	260	\$44,119	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	270	300	40	13.2%	90	\$32,532	Less than high school	None	Moderate-term on-the-job training
47-2151	Pipelayers	60	80	10	18.8%	30	\$29,990	High school diploma or equivalent	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	240	290	50	20.1%	120	\$38,988	High school diploma or equivalent	None	Apprenticeship

## SOUTHERN Workforce Investment Area Occupational Projections 2010-2020

Occupation Code	Occupation Title	Employment		Employment Change 2010-2020		Total Openings	Oklahoma	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent		Median Annual Wage			
47-3012	Helpers--Carpenters	90	130	40	40.4%	60	\$23,476	Less than high school	None	Short-term on-the-job training
47-3013	Helpers--Electricians	120	140	30	22.4%	60	\$27,404	High school diploma or equivalent	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	130	150	20	16.7%	60	\$41,675	High school diploma or equivalent	More than 5 years	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	590	680	90	15.7%	250	\$29,626	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	290	360	60	21.6%	130	\$39,630	Less than high school	None	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	530	580	50	8.9%	160	\$38,909	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5051	Rock Splitters, Quarry	100	120	30	25.3%	50	\$20,081	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	590	720	130	21.3%	250	\$34,052	Less than high school	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	420	470	50	10.6%	160	\$55,589	High school diploma or equivalent	1 to 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	70	70	0	1.4%	20	\$32,921	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	110	130	20	20.6%	50	\$35,519	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,170	1,340	170	14.5%	470	\$34,053	High school diploma or equivalent	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	420	480	60	15.0%	150	\$35,247	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	140	20	16.3%	50	\$38,925	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	140	150	10	7.4%	50	\$23,042	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	60	60	0	1.6%	10	\$38,862	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	410	500	100	23.6%	170	\$45,899	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	100	20	18.5%	30	\$34,687	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	130	150	20	14.8%	60	\$47,678	High school diploma or equivalent	None	Long-term on-the-job training
49-9071	Maintenance and Repair Workers, General	1,420	1,590	170	11.8%	430	\$30,587	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	200	240	40	18.6%	130	\$23,632	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9799	Installation, Maintenance, and Repair Workers, All Other	40	40	10	13.9%	10	\$43,384	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	640	660	20	2.3%	100	\$50,871	Postsecondary non-degree award	1 to 5 years	None
51-2022	Electrical and Electronic Equipment Assemblers	40	40	0	-7.5%	10	\$29,889	High school diploma or equivalent	None	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	80	90	10	13.0%	30	\$33,625	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2092	Team Assemblers	1,180	1,310	130	10.6%	360	\$26,825	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	30	30	0	15.4%	10	\$22,197	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	90	90	0	2.2%	30	\$20,489	Less than high school	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	190	210	20	7.7%	70	\$24,259	Less than high school	None	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	200	210	20	8.2%	50	\$32,218	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	90	100	0	4.3%	10	\$27,340	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	0.8%	20	\$29,349	High school diploma or equivalent	None	Moderate-term on-the-job training

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Occupation Code	Occupation Title	Employment		Employment Change 2010-2020		Total Openings	Oklahoma	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent		Median Annual Wage			
51-4041	Machinists	380	410	30	8.1%	100	\$36,526	High school diploma or equivalent	None	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	990	1,110	130	12.8%	390	\$35,293	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
51-5112	Printing Press Operators and Job Printers	120	120	0	-2.5%	20	\$28,742	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	160	160	0	-0.6%	30	\$18,401	Less than high school	None	Short-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	50	50	-10	-9.6%	0	\$19,013	Less than high school	None	Short-term on-the-job training
51-6031	Sewing Machine Operators	100	70	-30	-30.6%	10	\$22,175	Less than high school	None	Short-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	230	290	60	24.5%	110	\$23,433	High school diploma or equivalent	None	Short-term on-the-job training
51-7099	Woodworkers, All Other	90	90	0	3.5%	20	\$42,841	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	40	40	0	8.1%	10	\$50,586	High school diploma or equivalent	None	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	430	510	80	17.7%	190	\$29,566	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	330	340	10	2.1%	120	\$53,712	High school diploma or equivalent	None	Long-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	40	40	0	5.7%	10	\$28,058	Less than high school	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	190	190	0	1.6%	60	\$31,901	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	460	480	30	5.5%	120	\$37,432	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	290	290	0	-0.7%	50	\$24,443	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	90	100	10	5.6%	20	\$35,541	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	30	30	10	28.0%	10	\$27,661	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	260	280	10	4.6%	60	\$22,914	Less than high school	None	Short-term on-the-job training
51-9399	Production Workers, All Other	40	50	0	4.5%	10	\$22,488	High school diploma or equivalent	None	Moderate-term on-the-job training
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	220	50	31.5%	90	\$44,933	High school diploma or equivalent	1 to 5 years	None
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Equipment Operators and Inspectors	230	260	30	13.4%	80	\$52,040	High school diploma or equivalent	1 to 5 years	None
53-3021	Bus Drivers, Transit and Intercity	50	50	10	13.0%	20	\$23,227	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3022	Bus Drivers, School	420	410	-10	-1.7%	80	\$19,990	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	610	720	110	18.5%	230	\$21,717	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,590	3,140	550	21.2%	1,070	\$35,502	High school diploma or equivalent	1 to 5 years	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	660	770	120	17.7%	250	\$25,973	High school diploma or equivalent	None	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	160	190	30	19.4%	50	\$19,143	Less than high school	None	Short-term on-the-job training
53-6031	Service Station Attendants	50	60	10	20.0%	30	\$20,521	Less than high school	None	Short-term on-the-job training
53-7021	Crane and Tower Operators	40	50	10	31.4%	20	\$37,856	Less than high school	1 to 5 years	Long-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	420	500	80	18.9%	210	\$30,913	Less than high school	1 to 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	720	790	70	10.1%	280	\$29,051	Less than high school	Less than 1 year	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,520	2,900	390	15.3%	1,190	\$22,868	Less than high school	None	Short-term on-the-job training

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Occupation Code	Occupation Title	Employment		Employment Change 2010-2020		Total Openings	Oklahoma	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent		Median Annual Wage			
53-7063	Machine Feeders and Offbearers	210	270	60	28.0%	90	\$25,114	Less than high school	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	290	320	30	8.9%	110	\$18,970	Less than high school	None	Short-term on-the-job training
53-7073	Wellhead Pumpers	140	170	30	19.1%	70	\$42,177	Less than high school	Less than 1 year	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	250	290	40	16.3%	110	\$25,925	Less than high school	None	Short-term on-the-job training

Notes:

Oklahoma Median Annual Wage data is from the 2010 statewide Occupational Employment Statistics (OES).