

EASTERN Workforce Investment Area Occupational Projections 2010-2020

Occupation Code	Occupation Title	Employment		Employment Change 2010-2020		Total Openings	Oklahoma Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent					
00-0000	Total Occupations	106,730	121,990	15,260	14.3%	40,380	\$30,049			
11-1011	Chief Executives	390	411	21	5.4%	122	\$120,330	Bachelor's degree	More than 5 years	None
11-1021	General and Operations Managers	1,497	1,525	28	1.9%	306	\$73,939	Associate's degree	1 to 5 years	None
11-1031	Legislators	161	179	18	11.2%	55	\$24,632	Bachelor's degree	1 to 5 years	None
11-2021	Marketing Managers	33	35	2	6.1%	12	\$75,900	Bachelor's degree	1 to 5 years	None
11-2022	Sales Managers	119	125	6	5.0%	41	\$81,912	Bachelor's degree	1 to 5 years	None
11-2031	Public Relations Managers	25	28	3	12.0%	10	\$53,720	Bachelor's degree	1 to 5 years	None
11-3011	Administrative Services Managers	153	174	21	13.7%	59	\$56,869	High school diploma or equivalent	1 to 5 years	None
11-3021	Computer and Information Systems Managers	68	77	9	13.2%	19	\$88,347	Bachelor's degree	More than 5 years	None
11-3031	Financial Managers	358	401	43	12.0%	109	\$79,967	Bachelor's degree	More than 5 years	None
11-3051	Industrial Production Managers	182	212	30	16.5%	73	\$76,160	Bachelor's degree	1 to 5 years	None
11-3061	Purchasing Managers	33	37	4	12.1%	14	\$74,016	Bachelor's degree	More than 5 years	None
11-3071	Transportation, Storage, and Distribution Managers	42	45	3	7.1%	13	\$70,766	High school diploma or equivalent	More than 5 years	None
11-3121	Human Resources Managers	64	71	7	10.9%	23	\$60,510	Bachelor's degree	1 to 5 years	None
11-9021	Construction Managers	258	281	23	8.9%	40	\$68,913	Associate's degree	More than 5 years	None
11-9031	Education Administrators, Preschool and Child Care Center/Program	39	46	7	17.9%	18	\$34,266	Bachelor's degree	1 to 5 years	None
11-9041	Engineering Managers	31	32	1	3.2%	7	\$104,565	Bachelor's degree	More than 5 years	None
11-9051	Food Service Managers	156	154	-2	-1.3%	29	\$39,420	High school diploma or equivalent	1 to 5 years	None
11-9111	Medical and Health Services Managers	448	528	80	17.9%	189	\$71,061	Bachelor's degree	None	None
11-9131	Postmasters and Mail Superintendents	85	88	3	3.5%	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	281	316	35	12.5%	94	\$39,277	High school diploma or equivalent	1 to 5 years	None
11-9151	Social and Community Service Managers	118	147	29	24.6%	55	\$49,842	Bachelor's degree	1 to 5 years	None
11-9199	Managers, All Other	93	102	9	9.7%	30	\$89,165	High school diploma or equivalent	1 to 5 years	None
13-1022	Wholesale and Retail Buyers, Except Farm Products	42	45	3	7.1%	14	\$40,692	High school diploma or equivalent	None	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	117	130	13	11.1%	44	\$54,468	High school diploma or equivalent	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	1,198	1,484	286	23.9%	592	\$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	141	166	25	17.7%	42	\$42,999	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	76	92	16	21.1%	31	\$52,398	Bachelor's degree	None	None
13-1078	Human resources, labor relations, and training specialists, all other	152	180	28	18.4%	54	\$46,535	Bachelor's degree	None	None
13-1111	Management Analysts	171	217	46	26.9%	74	\$63,858	Bachelor's degree	1 to 5 years	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	38	37	-1	-2.6%	6	\$47,399	Bachelor's degree	None	None
13-1151	Training and Development Specialists	73	91	18	24.7%	30	\$47,755	Bachelor's degree	None	None

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		2010	2020	Numeric	Percent		Median Annual Wage			
13-1161	Market Research Analysts and Marketing Specialists	27	36	9	33.3%	16	\$48,395	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	267	330	63	23.6%	114	\$64,177	High school diploma or equivalent	Less than 1 year	Long-term on-the-job training
13-2011	Accountants and Auditors	577	654	77	13.3%	201	\$51,296	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	52	62	10	19.2%	21	\$34,793	High school diploma or equivalent	None	Apprenticeship
13-2031	Budget Analysts	50	64	14	28.0%	25	\$59,983	Bachelor's degree	None	None
13-2071	Loan Counselors	48	57	9	18.8%	21	\$30,283	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	368	439	71	19.3%	165	\$42,316	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	94	109	15	16.0%	37	\$37,908	Bachelor's degree	None	Moderate-term on-the-job training
15-1121	Computer Systems Analysts	48	54	6	12.5%	15	\$64,448	Bachelor's degree	None	None
15-1131	Computer Programmers	136	142	6	4.4%	38	\$57,093	Bachelor's degree	None	None
15-1132	Software Developers, Applications	49	59	10	20.4%	15	\$65,853	Bachelor's degree	None	None
15-1142	Network and computer systems architects and administrators	141	172	31	22.0%	55	\$54,887	Bachelor's degree	None	None
15-1150	Computer Support Specialists	304	338	34	11.2%	114	\$38,900	Some college, no degree	None	Moderate-term on-the-job training
15-1179	Information Security Analysts, Web Developers, and Computer Network Architects	52	57	5	9.6%	13	\$59,373	Bachelor's degree	1 to 5 years	None
15-1799	Computer Occupations, All Other	63	76	13	20.6%	25	\$76,661	Bachelor's degree	None	None
17-1022	Surveyors	43	51	8	18.6%	17	\$47,318	Bachelor's degree	None	None
17-2051	Civil Engineers	44	49	5	11.4%	14	\$74,354	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	41	42	1	2.4%	10	\$68,641	Bachelor's degree	None	None
17-2112	Industrial Engineers	31	33	2	6.5%	9	\$71,012	Bachelor's degree	None	None
17-2141	Mechanical Engineers	73	81	8	11.0%	31	\$74,393	Bachelor's degree	None	None
17-2171	Petroleum Engineers	34	38	4	11.8%	11	\$127,542	Bachelor's degree	None	None
17-3013	Mechanical Drafters	25	29	4	16.0%	9	\$48,308	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	31	37	6	19.4%	12	\$31,971	High school diploma or equivalent	None	Moderate-term on-the-job training
19-1031	Conservation Scientists	39	50	11	28.2%	16	\$63,965	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	70	79	9	12.9%	30	\$46,618	Bachelor's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	56	65	9	16.1%	27	\$47,804	Doctoral or professional degree	None	Internship/residency
19-4093	Forest and Conservation Technicians	37	49	12	32.4%	28	\$41,189	Associate's degree	None	None
21-1011	Substance Abuse and Behavioral Disorder Counselors	56	68	12	21.4%	24	\$38,278	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1012	Educational, Vocational, and School Counselors	371	440	69	18.6%	148	\$42,035	Master's degree	None	None
21-1013	Marriage and Family Therapists	74	105	31	41.9%	47	\$36,785	Master's degree	None	Internship/residency
21-1014	Mental Health Counselors	109	135	26	23.9%	49	\$42,144	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	125	155	30	24.0%	57	\$25,634	Master's degree	None	None

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21-1021	Child, Family, and School Social Workers	375	407	32	8.5%	121	\$31,223	Bachelor's degree	None	None
21-1022	Medical and Public Health Social Workers	120	152	32	26.7%	60	\$42,061	Master's degree	None	None
21-1023	Mental Health and Substance Abuse Social Workers	117	146	29	24.8%	57	\$31,831	Bachelor's degree	None	None
21-1029	Social Workers, All Other	100	119	19	19.0%	43	\$42,879	Bachelor's degree	None	None
21-1091	Health Educators	81	100	19	23.5%	37	\$46,727	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	62	74	12	19.4%	25	\$36,958	Bachelor's degree	None	Short-term on-the-job training
21-1093	Social and Human Service Assistants	406	463	57	14.0%	145	\$25,219	High school diploma or equivalent	None	Short-term on-the-job training
23-1011	Lawyers	280	310	30	10.7%	83	\$78,167	Doctoral or professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	29	36	7	24.1%	13	\$70,891	Bachelor's degree	1 to 5 years	Moderate-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	52	58	6	11.5%	16	\$118,703	Doctoral or professional degree	More than 5 years	Short-term on-the-job training
23-2011	Paralegals and Legal Assistants	202	259	57	28.2%	86	\$38,221	Associate's degree	None	None
23-2091	Court Reporters	35	39	4	11.4%	9	\$29,689	Postsecondary non-degree award	None	Short-term on-the-job training
25-1121	Art, Drama, and Music Teachers, Postsecondary	28	35	7	25.0%	11	\$52,728	Doctoral or professional degree	None	None
25-2011	Preschool Teachers, Except Special Education	492	585	93	18.9%	221	\$23,399	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	250	295	45	18.0%	110	\$38,520	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Vocational Education	714	835	121	16.9%	278	\$41,757	Bachelor's degree	None	Internship/residency
25-2032	Vocational Education Teachers, Secondary School	96	100	4	4.2%	30	\$46,687	Bachelor's degree	1 to 5 years	Internship/residency
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	189	228	39	20.6%	95	\$42,806	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	103	126	23	22.3%	53	\$43,789	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	132	142	10	7.6%	49	\$44,638	Bachelor's degree	None	Internship/residency
25-3999	Teachers and Instructors, All Other	573	645	72	12.6%	160	\$18,777	Bachelor's degree	None	None
25-4021	Librarians	177	195	18	10.2%	64	\$43,803	Master's degree	None	None
25-9041	Teacher Assistants	1,523	1,743	220	14.4%	563	\$18,706	High school diploma or equivalent	None	Short-term on-the-job training
27-1023	Floral Designers	127	113	-14	-11.0%	39	\$20,990	High school diploma or equivalent	None	Short-term on-the-job training
27-1024	Graphic Designers	49	51	2	4.1%	17	\$33,786	Bachelor's degree	None	None
27-2022	Coaches and Scouts	159	213	54	34.0%	94	\$23,660	High school diploma or equivalent	None	Long-term on-the-job training
27-2041	Music Directors and Composers	55	59	4	7.3%	17	\$41,533	Bachelor's degree	1 to 5 years	None
27-3031	Public Relations Specialists	78	96	18	23.1%	39	\$43,338	Bachelor's degree	None	Moderate-term on-the-job training
27-3091	Interpreters and Translators	36	48	12	33.3%	22	\$21,737	Bachelor's degree	None	Long-term on-the-job training
29-1021	Dentists, General	89	104	15	16.9%	41	\$143,890	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	74	87	13	17.6%	39	\$46,545	Bachelor's degree	None	Internship/residency
29-1051	Pharmacists	268	331	63	23.5%	131	\$107,398	Doctoral or professional degree	None	None

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29-1062	Family and General Practitioners	143	171	28	19.6%	56	\$174,152	Doctoral or professional degree	None	Internship/residency
29-1069	Physicians and Surgeons, All Other	233	279	46	19.7%	92	\$86,409	Doctoral or professional degree	None	Internship/residency
29-1071	Physician Assistants	47	57	10	21.3%	19	\$86,511	Master's degree	None	None
29-1111	Registered Nurses	2,130	2,529	399	18.7%	785	\$55,867	Associate's degree	None	None
29-1122	Occupational Therapists	162	204	42	25.9%	73	\$66,089	Master's degree	None	None
29-1126	Respiratory Therapists	53	63	10	18.9%	20	\$48,484	Associate's degree	None	None
29-1127	Speech-Language Pathologists	98	113	15	15.3%	34	\$55,719	Master's degree	None	None
29-2011	Medical and Clinical Laboratory Technologists	129	142	13	10.1%	38	\$50,190	Bachelor's degree	None	None
29-2012	Medical and Clinical Laboratory Technicians	143	157	14	9.8%	42	\$34,781	Associate's degree	None	None
29-2021	Dental Hygienists	115	144	29	25.2%	52	\$67,365	Associate's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	41	49	8	19.5%	14	\$40,321	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	37	49	12	32.4%	18	\$60,236	Associate's degree	None	None
29-2037	Radiologic Technologists and Technicians	208	254	46	22.1%	78	\$48,290	Associate's degree	None	None
29-2041	Emergency Medical Technicians and Paramedics	330	437	107	32.4%	173	\$28,744	Postsecondary non-degree award	None	None
29-2052	Pharmacy Technicians	213	274	61	28.6%	98	\$24,916	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	27	26	-1	-3.7%	5	\$38,450	Associate's degree	None	Moderate-term on-the-job training
29-2055	Surgical Technologists	54	60	6	11.1%	15	\$33,554	Postsecondary non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	1,465	1,679	214	14.6%	605	\$35,483	Postsecondary non-degree award	None	None
29-2071	Medical Records and Health Information Technicians	183	211	28	15.3%	65	\$28,978	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	89	106	17	19.1%	35	\$24,219	High school diploma or equivalent	None	Long-term on-the-job training
29-2799	Health Technologists and Technicians, All Other	52	63	11	21.2%	21	\$34,140	Postsecondary non-degree award	None	Short-term on-the-job training
29-9011	Occupational Health and Safety Specialists	39	42	3	7.7%	17	\$67,875	Bachelor's degree	None	Moderate-term on-the-job training
31-1011	Home Health Aides	1,294	1,999	705	54.5%	872	\$20,037	Less than high school	None	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,731	1,931	200	11.6%	423	\$21,007	Postsecondary non-degree award	None	None
31-1013	Psychiatric Aides	85	97	12	14.1%	23	\$19,514	High school diploma or equivalent	None	Short-term on-the-job training
31-9091	Dental Assistants	148	178	30	20.3%	61	\$30,073	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	521	611	90	17.3%	170	\$24,856	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	53	54	1	1.9%	9	\$27,676	Postsecondary non-degree award	None	None
31-9095	Pharmacy Aides	72	88	16	22.2%	27	\$18,426	High school diploma or equivalent	None	Short-term on-the-job training
31-9799	Healthcare Support Workers, All Other	84	95	11	13.1%	24	\$27,513	High school diploma or equivalent	None	Short-term on-the-job training
33-1012	First-Line Supervisors/Managers of Police and Detectives	138	151	13	9.4%	60	\$52,817	High school diploma or equivalent	1 to 5 years	Moderate-term on-the-job training
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	87	105	18	20.7%	59	\$63,944	Postsecondary non-degree award	1 to 5 years	None

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33-2011	Fire Fighters	252	307	55	21.8%	125	\$35,580	Postsecondary non-degree av	None	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	537	594	57	10.6%	151	\$28,474	High school diploma or equiv	None	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	124	143	19	15.3%	47	\$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	861	1,030	169	19.6%	422	\$36,383	High school diploma or equiv	None	Moderate-term on-the-job training
33-9011	Animal Control Workers	30	36	6	20.0%	13	\$26,806	High school diploma or equiv	None	Moderate-term on-the-job training
33-9032	Security Guards	721	826	105	14.6%	219	\$24,256	High school diploma or equiv	None	Short-term on-the-job training
35-2011	Cooks, Fast Food	687	699	12	1.7%	158	\$17,991	Less than high school	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	770	797	27	3.5%	191	\$18,874	Less than high school	None	Short-term on-the-job training
35-2021	Food Preparation Workers	518	571	53	10.2%	239	\$18,198	Less than high school	None	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,162	3,876	714	22.6%	1,597	\$17,943	Less than high school	None	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	239	248	9	3.8%	182	\$17,663	Less than high school	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,035	1,181	146	14.1%	663	\$18,109	Less than high school	None	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	199	223	24	12.1%	98	\$17,949	Less than high school	None	Short-term on-the-job training
35-9021	Dishwashers	266	304	38	14.3%	159	\$17,896	Less than high school	None	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	168	172	4	2.4%	27	\$29,232	High school diploma or equiv	1 to 5 years	None
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping	119	130	11	9.2%	28	\$38,282	High school diploma or equiv	1 to 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,557	1,705	148	9.5%	442	\$19,537	Less than high school	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	675	754	79	11.7%	193	\$18,258	Less than high school	None	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	473	537	64	13.5%	148	\$20,961	Less than high school	None	Short-term on-the-job training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	86	96	10	11.6%	31	\$29,658	High school diploma or equiv	1 to 5 years	None
39-4831	Funeral service managers, directors, morticians, and undertakers	76	102	26	34.2%	40	\$46,343	Associate's degree	None	Apprenticeship
39-5012	Hairdressers, Hairstylists, and Cosmetologists	116	143	27	23.3%	49	\$21,287	Postsecondary non-degree av	None	None
39-9011	Child Care Workers	886	1,061	175	19.8%	454	\$18,262	High school diploma or equiv	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	87	100	13	14.9%	27	\$24,805	High school diploma or equiv	None	Short-term on-the-job training
39-9032	Recreation Workers	212	250	38	17.9%	72	\$19,559	Bachelor's degree	None	None
39-9041	Residential Advisors	43	51	8	18.6%	24	\$21,596	Some college, no degree	Less than 1 year	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,791	1,885	94	5.2%	512	\$30,773	High school diploma or equiv	1 to 5 years	None
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	90	89	-1	-1.1%	23	\$50,892	High school diploma or equiv	More than 5 years	None
41-2011	Cashiers	3,983	4,138	155	3.9%	1,962	\$18,386	Less than high school	None	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	48	46	-2	-4.2%	22	\$22,795	High school diploma or equiv	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	276	348	72	26.1%	135	\$19,907	Less than high school	None	Short-term on-the-job training
41-2022	Parts Salespersons	227	255	28	12.3%	111	\$26,109	Less than high school	None	Moderate-term on-the-job training

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41-2031	Retail Salespersons	2,207	2,476	269	12.2%	917	\$19,963	Less than high school	None	Short-term on-the-job training
41-3011	Advertising Sales Agents	41	39	-2	-4.9%	13	\$35,502	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	219	273	54	24.7%	104	\$38,458	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	154	167	13	8.4%	49	\$57,298	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	618	695	77	12.5%	222	\$45,677	High school diploma or equivalent	None	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	884	1,001	117	13.2%	353	\$42,925	High school diploma or equivalent	1 to 5 years	None
43-3011	Bill and Account Collectors	152	164	12	7.9%	42	\$28,561	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	379	434	55	14.5%	121	\$28,734	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,146	2,430	284	13.2%	520	\$28,846	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	282	324	42	14.9%	100	\$33,849	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	526	548	22	4.2%	238	\$21,727	High school diploma or equivalent	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	261	312	51	19.5%	124	\$27,671	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4051	Customer Service Representatives	805	888	83	10.3%	312	\$27,660	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	92	109	17	18.5%	42	\$35,831	Associate's degree	None	Moderate-term on-the-job training
43-4071	File Clerks	182	193	11	6.0%	59	\$23,621	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	255	305	50	19.6%	152	\$18,348	High school diploma or equivalent	None	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	77	83	6	7.8%	21	\$24,567	High school diploma or equivalent	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	221	266	45	20.4%	144	\$19,313	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	163	158	-5	-3.1%	30	\$26,152	High school diploma or equivalent	None	Short-term on-the-job training
43-4151	Order Clerks	36	38	2	5.6%	12	\$25,209	High school diploma or equivalent	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	97	110	13	13.4%	40	\$33,024	High school diploma or equivalent	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	422	504	82	19.4%	210	\$22,352	High school diploma or equivalent	None	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	182	222	40	22.0%	91	\$38,715	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	225	273	48	21.3%	91	\$26,268	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	131	150	19	14.5%	44	\$30,058	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	80	93	13	16.3%	37	\$28,101	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	76	56	-20	-26.3%	18	\$53,835	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	362	453	91	25.1%	209	\$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	67	49	-18	-26.9%	4	\$53,786	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	101	106	5	5.0%	31	\$42,594	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	497	493	-4	-0.8%	127	\$27,981	High school diploma or equivalent	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,572	1,530	-42	-2.7%	391	\$20,708	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 Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2010	2020	Numeric	Percent					
43-6011	Executive Secretaries and Administrative Assistants	543	595	52	9.6%	125	\$37,386	High school diploma or equivalent	1 to 5 years	None
43-6012	Legal Secretaries	39	39	0	0.0%	5	\$30,940	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6013	Medical Secretaries	414	537	123	29.7%	179	\$27,538	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,816	1,874	58	3.2%	301	\$26,908	High school diploma or equivalent	None	Short-term on-the-job training
43-9021	Data Entry Keyers	140	131	-9	-6.4%	25	\$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	44	52	8	18.2%	16	\$24,184	High school diploma or equivalent	None	Short-term on-the-job training
43-9061	Office Clerks, General	2,093	2,439	346	16.5%	716	\$23,277	High school diploma or equivalent	None	Short-term on-the-job training
43-9799	Office and Administrative Support Workers, All Other	25	30	5	20.0%	10	\$33,101	High school diploma or equivalent	None	Short-term on-the-job training
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	34	4	13.3%	13	\$44,734	High school diploma or equivalent	1 to 5 years	None
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	75	82	7	9.3%	30	\$20,120	Less than high school	None	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	467	508	41	8.8%	149	\$53,560	High school diploma or equivalent	More than 5 years	None
47-2021	Brickmasons and Blockmasons	25	31	6	24.0%	11	\$33,972	High school diploma or equivalent	None	Apprenticeship
47-2031	Carpenters	590	652	62	10.5%	187	\$31,202	High school diploma or equivalent	None	Apprenticeship
47-2051	Cement Masons and Concrete Finishers	324	391	67	20.7%	118	\$29,012	Less than high school	None	Moderate-term on-the-job training
47-2061	Construction Laborers	834	901	67	8.0%	134	\$26,176	Less than high school	None	Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	103	98	-5	-4.9%	21	\$29,326	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	555	636	81	14.6%	210	\$34,826	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2111	Electricians	447	496	49	11.0%	169	\$44,119	High school diploma or equivalent	None	Apprenticeship
47-2151	Pipelayers	36	39	3	8.3%	13	\$29,990	High school diploma or equivalent	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	148	176	28	18.9%	71	\$38,988	High school diploma or equivalent	None	Apprenticeship
47-2211	Sheet Metal Workers	44	48	4	9.1%	11	\$49,225	High school diploma or equivalent	None	Apprenticeship
47-4011	Construction and Building Inspectors	105	130	25	23.8%	56	\$41,675	High school diploma or equivalent	More than 5 years	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	340	414	74	21.8%	164	\$29,626	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	171	181	10	5.8%	46	\$48,372	Less than high school	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	253	274	21	8.3%	88	\$55,589	High school diploma or equivalent	1 to 5 years	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	52	51	-1	-1.9%	8	\$42,029	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	32	34	2	6.3%	10	\$55,473	Postsecondary non-degree award	None	Long-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	115	123	8	7.0%	36	\$52,817	Postsecondary non-degree award	None	Long-term on-the-job training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	26	27	1	3.8%	7	\$30,755	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	120	159	39	32.5%	68	\$35,519	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	336	390	54	16.1%	141	\$34,053	High school diploma or equivalent	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	213	233	20	9.4%	66	\$35,247	High school diploma or equivalent	None	Long-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			
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	30	33	3	10.0%	11	\$38,925	High school diploma or equivalent	None	Long-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	239	296	57	23.8%	99	\$37,439	Postsecondary non-degree award	None	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	472	594	122	25.8%	213	\$45,899	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	163	180	17	10.4%	47	\$34,687	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	150	173	23	15.3%	76	\$47,678	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	51	48	-3	-5.9%	9	\$47,652	High school diploma or equivalent	None	Long-term on-the-job training
49-9071	Maintenance and Repair Workers, General	1,071	1,240	169	15.8%	366	\$30,587	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	112	126	14	12.5%	65	\$23,632	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9799	Installation, Maintenance, and Repair Workers, All Other	56	69	13	23.2%	23	\$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	566	617	51	9.0%	125	\$50,871	Postsecondary non-degree award	1 to 5 years	None
51-2041	Structural Metal Fabricators and Fitters	72	89	17	23.6%	31	\$33,625	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2092	Team Assemblers	900	996	96	10.7%	274	\$26,825	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	33	36	3	9.1%	10	\$22,197	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	242	254	12	5.0%	82	\$20,489	Less than high school	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	156	163	7	4.5%	52	\$24,259	Less than high school	None	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	320	398	78	24.4%	171	\$25,984	Less than high school	None	Short-term on-the-job training
51-3092	Food Batchmakers	81	86	5	6.2%	28	\$24,359	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	56	62	6	10.7%	22	\$24,980	High school diploma or equivalent	Less than 1 year	Short-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	83	90	7	8.4%	13	\$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	391	430	39	10.0%	100	\$29,349	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	37	38	1	2.7%	14	\$34,902	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	299	346	47	15.7%	102	\$36,526	High school diploma or equivalent	None	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	67	77	10	14.9%	21	\$27,655	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	124	139	15	12.1%	39	\$32,717	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	393	454	61	15.5%	166	\$35,293	High school diploma or equivalent	Less than 1 year	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51	56	5	9.8%	45	\$27,798	High school diploma or equivalent	None	Moderate-term on-the-job training
51-5112	Printing Press Operators and Job Printers	61	62	1	1.6%	13	\$28,742	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	307	328	21	6.8%	79	\$18,401	Less than high school	None	Short-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	232	236	4	1.7%	20	\$19,013	Less than high school	None	Short-term on-the-job training
51-6093	Upholsterers	26	28	2	7.7%	9	\$21,845	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	98	118	20	20.4%	44	\$26,521	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	57	76	19	33.3%	31	\$23,433	High school diploma or equivalent	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			
51-8031	Water and Liquid Waste Treatment Plant and System Operators	421	521	100	23.8%	209	\$29,566	High school diploma or equivalent	None	Long-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	81	90	9	11.1%	33	\$29,089	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	104	110	6	5.8%	29	\$30,569	High school diploma or equivalent	None	Short-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	29	31	2	6.9%	10	\$40,395	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	578	652	74	12.8%	200	\$37,432	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	271	294	23	8.5%	68	\$24,443	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	81	93	12	14.8%	29	\$29,549	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	189	216	27	14.3%	96	\$32,657	High school diploma or equivalent	None	Long-term on-the-job training
51-9198	Helpers--Production Workers	780	866	86	11.0%	215	\$22,914	Less than high school	None	Short-term on-the-job training
51-9399	Production Workers, All Other	59	64	5	8.5%	20	\$22,488	High school diploma or equivalent	None	Moderate-term on-the-job training
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Equipment Operators and Inspectors	206	230	24	11.7%	66	\$52,040	High school diploma or equivalent	1 to 5 years	None
53-3022	Bus Drivers, School	660	715	55	8.3%	182	\$19,990	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	151	166	15	9.9%	45	\$21,717	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,945	2,189	244	12.5%	631	\$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	218	240	22	10.1%	65	\$25,973	High school diploma or equivalent	None	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	55	63	8	14.5%	24	\$25,543	Less than high school	None	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	213	232	19	8.9%	82	\$30,913	Less than high school	1 to 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	488	543	55	11.3%	193	\$29,051	Less than high school	Less than 1 year	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	196	232	36	18.4%	94	\$21,070	Less than high school	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,300	1,417	117	9.0%	533	\$22,868	Less than high school	None	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	60	61	1	1.7%	10	\$25,114	Less than high school	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	348	356	8	2.3%	108	\$18,970	Less than high school	None	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	43	45	2	4.7%	15	\$44,669	Less than high school	None	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	204	242	38	18.6%	98	\$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).