		Oklaho Employr	-	-Term Occu Employmer		Outlook,	2022-2032 Median	Education and Training Classification			
		LIIPIOYI	nent	Linpioyinei	it change	Average	Annual				
						Annual	Wage		Work Experience in a Related		
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴	
Total, All Occupations	00-0000	1,826,010	1,914,270	88,270	4.8	213,330	\$41,480				
Management Occupations	11-0000	124,380	132,480	8,100	6.5	10,790	\$93,080				
Top Executives	11-1000	49,800	52,570	2,770	5.6	4,230	N/A				
Chief Executives General and Operations Managers	11-1011 11-1021	5,050 44,230	4,710 47,300	-340 3,070	-6.7 6.9	290 3,910	\$128,230 \$81,060	Bachelor's degree Bachelor's degree	5 years or more 5 years or more	None	
Legislators	11-1021	44,230	47,500	3,070	8.1	3,910 40	\$47,490	Bachelor's degree	Less than 5 years	None	
Advertising, Marketing, Promotions, Public Relations, and Sales Managers	11-2000	5,290	5,540	260	4.9	430	N/A	butteror s'acgree	Less than 5 years	Hone	
Advertising and Promotions Managers	11-2011	220	230	10	2.7	20	\$80,190	Bachelor's degree	Less than 5 years	None	
Marketing Managers	11-2021	1,500	1,600	110	7.0	130	\$121,730	Bachelor's degree	5 years or more	None	
Sales Managers	11-2022	2,910	3,020	110	3.8	230	\$122,000	Bachelor's degree	Less than 5 years	None	
Public Relations Managers Fundraising Managers	11-2032 11-2033	380 290	400 300	20 10	5.9 4.6	30 20	\$102,120 \$95,470	Bachelor's degree Bachelor's degree	5 years or more 5 years or more	None None	
Operations Specialties Managers	11-2055	290	22.290	2,010	4.0 9.9	1,700	\$95,470 N/A	Bachelor's degree	5 years of more	None	
Administrative Services Managers	11-3012	5,130	5,440	310	6.1	440	\$102,860	Bachelor's degree	Less than 5 years	None	
Facilities Managers	11-3013	690	740	50	7.1	60	\$93,530	Bachelor's degree	Less than 5 years	None	
Computer and Information Systems Managers	11-3021	3,440	3,900	460	13.2	280	\$129,850	Bachelor's degree	5 years or more	None	
Financial Managers	11-3031	5,640	6,540	900	16.0	500	\$125,430	Bachelor's degree	5 years or more	None	
Industrial Production Managers	11-3051	1,490	1,530	50	3.2	110	\$106,470	Bachelor's degree	5 years or more	None	
Purchasing Managers Transportation, Storage, and Distribution Managers	11-3061 11-3071	400 1,590	420 1,720	20 130	3.8 7.8	30 140	\$106,730 \$82,680	Bachelor's degree High school diploma or equivalent	5 years or more 5 years or more	None None	
Transportation, Storage, and Distribution Managers Compensation and Benefits Managers	11-30/1 11-3111	1,590 130	1,720	130	7.8 1.6	140 10	\$82,680 \$100,760	High school diploma or equivalent Bachelor's degree	5 years or more 5 years or more	None	
Human Resources Managers	11-3121	1,520	1,610	80	5.5	10	\$100,780	Bachelor's degree	5 years or more	None	
Training and Development Managers	11-3131	240	260	20	8.0	20	\$105,210	Bachelor's degree	5 years or more	None	
Other Management Occupations	11-9000	49,020	52,080	3,060	6.3	4,430	N/A		.,		
Farmers, Ranchers, and Other Agricultural Managers	11-9013	13,270	12,780	-490	-3.7	1,300	\$54,400	High school diploma or equivalent	5 years or more	None	
Construction Managers	11-9021	3,820	4,170	360	9.3	320	\$99,170	Bachelor's degree	None	Moderate-term on-the-job training	
Education and Childcare Administrators, Preschool and Daycare	11-9031	930	930	10	0.7	60	\$46,160	Bachelor's degree	Less than 5 years	None	
Education Administrators, Kindergarten through Secondary	11-9032	3,560	3,760	210	5.8	260	\$82,150	Master's degree	5 years or more	None	
Education Administrators, Postsecondary	11-9033	2,540	2,530	-10	-0.4	170	\$104,260	Master's degree	Less than 5 years	None	
Education Administrators, All Other Architectural and Engineering Managers	11-9039 11-9041	380 1,910	390 2,010	10 100	2.9 5.1	30 130	\$90,150 \$144,340	Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more	None None	
Food Service Managers	11-9041	3.310	2,010	210	5.1 6.3	400	\$144,340 \$58,740	Bachelor's degree High school diploma or equivalent	5 years or more Less than 5 years	None Short-term on-the-job training	
Gambling Managers	11-9071	3,310	3,320	210	0.3	400	\$63,550	High school diploma or equivalent	Less than 5 years	None	
Entertainment And Recreation Managers, Except Gambling	11-9072	80	90	10	11.4	10	\$74,790	Bachelor's degree	Less than 5 years	None	
Lodging Managers	11-9081	390	470	80	21.0	50	\$52,540	High school diploma or equivalent	Less than 5 years	None	
Medical and Health Services Managers	11-9111	7,420	9,360	1,950	26.3	780	\$98,940	Bachelor's degree	Less than 5 years	None	
Natural Sciences Managers	11-9121	260	270	0	1.2	20	\$106,950	Bachelor's degree	5 years or more	None	
Postmasters and Mail Superintendents	11-9131	220	220	0	-1.8	20	\$89,230	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Property, Real Estate, and Community Association Managers	11-9141	3,530	3,770	240	6.8	300	\$53,360	High school diploma or equivalent	Less than 5 years	Short-term on-the-job training	
Social and Community Service Managers Emergency Management Directors	11-9151 11-9161	1,790 310	1,980 330	190 30	10.3 9.5	160 20	\$62,770 \$60.150	Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more	None None	
Emergency Management Directors Funeral Home Managers	11-9161	630	330 640	30 10	9.5	20 50	\$60,150	Associate's degree	5 years or more Less than 5 years	None	
Personal Service Managers, All Other	11-9179	170	180	10	7.1	10	\$55,280	High school diploma or equivalent	Less than 5 years	None	
Managers, All Other	11-9199	4,220	4,380	160	3.9	330	\$116,380	Bachelor's degree	Less than 5 years	None	
Business and Financial Operations Occupations	13-0000	103,830	110,690	6,860	6.6	9,110	\$67,870				
Business Operations Specialists	13-1000	69,420	73,830	4,410	6.4	6,220	N/A				
Buyers and Purchasing Agents	13-1020	5,200	4,890	-310	-5.9	420	\$61,560	Bachelor's degree	None	Moderate-term on-the-job training	
Claims Adjusters, Examiners, and Investigators	13-1031	3,640	3,430	-200	-5.6	220	\$64,730	High school diploma or equivalent	None	Long-term on-the-job training	
Compliance Officers	13-1041	5,890	6,200	310	5.2	490	\$56,800	Bachelor's degree	None	Moderate-term on-the-job training	
Cost Estimators	13-1051	2,270	2,290	20	1.1	190	\$61,040	Bachelor's degree	None	Moderate-term on-the-job training	
Human Resources Specialists	13-1071 13-1075	9,140 1.220	9,820 1,220	680 0	7.4 -0.3	840 100	\$57,220	Bachelor's degree Bachelor's degree	None Less than 5 years	None None	
Labor Relations Specialists	13-10/5	3,880	1,220	690	-0.3	400	\$94,100 \$82.060	Bachelor's degree	Less than 5 years None	None	
Project Management Specialists	13-1081	8,520	9,170	660	7.7	680	\$82,260	Bachelor's degree	None	None	
Management Analysts	13-1111	5,430	6,110	680	12.6	530	\$82,830	Bachelor's degree	Less than 5 years	None	
Meeting, Convention, and Event Planners	13-1121	1,950	2,100	150	7.7	220	\$43,470	Bachelor's degree	None	None	
Fundraisers	13-1131	1,630	1,710	80	5.0	130	\$61,190	Bachelor's degree	None	None	
Compensation, Benefits, and Job Analysis Specialists	13-1141	1,150	1,260	110	9.1	90	\$49,920	Bachelor's degree	Less than 5 years	None	
Training and Development Specialists	13-1151	4,450	4,790	340	7.7	420	\$60,390	Bachelor's degree	Less than 5 years	None	
Market Research Analysts and Marketing Specialists	13-1161	7,640	8,710	1,070	14.0	840	\$57,820	Bachelor's degree	None	None	
Business Operations Specialists, All Other	13-1199	7,260	7,390 36,870	130	1.8	640 2,880	\$82,910	Bachelor's degree	None	None	
Financial Specialists Accountants and Auditors	13-2000 13-2011	34,410 18,430	36,870 19,810	2,450 1,390	7.1 7.5	2,880 1,600	N/A \$75,500	Bachelor's degree	None	None	
Accountants and Auditors Property Appraisers and Assessors	13-2011	18,430	19,810	1,390	7.5	1,600	\$75,500 \$43,490	Bachelor's degree	None	None Long-term on-the-job training	
Budget Analysts	13-2020	550	560	110	2.6	40	\$71,410	Bachelor's degree	None	None	
Credit Analysts	13-2041	910	910	0	-0.4	60	\$63,500	Bachelor's degree	None	None	
Financial and Investment Analysts	13-2051	1,560	1,690	130	8.4	120	\$79,560	Bachelor's degree	None	None	
Personal Financial Advisors	13-2052	2,120	2,410	290	13.5	170	\$102,990	Bachelor's degree	None	Long-term on-the-job training	
Insurance Underwriters	13-2053	970	950	-20	-2.2	60	\$64,120	Bachelor's degree	None	Moderate-term on-the-job training	

		Oklahor	na Long	-Term Occu	pational	Outlook,	2022-2032	2		
		Employm	ient	Employmen	t Change		Median		Education and Training Classification	
						Average	Annual Wage		Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Annual Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Financial Risk Specialists	13-2054	270	290	30	9.4	20	\$79,710	Bachelor's degree	None	None
Financial Examiners	13-2061	320	380	60	18.9	30		Bachelor's degree	None	Long-term on-the-job training
Credit Counselors	13-2071	190	200	10	2.6	10	\$40,440	Bachelor's degree	None	Moderate-term on-the-job training
Loan Officers	13-2072 13-2081	5,370 340	5,700 360	320 20	6.0	400	\$69,100	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
Tax Examiners and Collectors, and Revenue Agents Tax Preparers	13-2081	1,580	1,680	100	5.3 6.3	30 190	\$47,860 \$36,390	Bachelor's degree High school diploma or equivalent	None None	Moderate-term on-the-job training Moderate-term on-the-job training
Financial Specialists. All Other	13-2099	500	520	20	3.8	40	\$78,310	Bachelor's degree	None	None
Computer and Mathematical Occupations	15-0000	38,510	42,830	4,320	11.2	2,840	N/A			
Computer Occupations	15-1200	35,780	39,280	3,500	9.8	2,570	N/A			
Computer Systems Analysts	15-1211	3,580	3,870	290	8.2	250	\$99,590	Bachelor's degree	None	None
Information Security Analysts	15-1212	1,010	1,300	290	28.9	100		Bachelor's degree	Less than 5 years	None
Computer and Information Research Scientists	15-1221	470	540	70	15.4	40		Master's degree	None	None
Computer Network Support Specialists Computer User Support Specialists	15-1231 15-1232	2,340 8.000	2,430 8.210	90 210	3.7 2.7	170 550	\$67,570 \$50,300	Associate's degree Some college, no degree	None	Moderate-term on-the-job training Moderate-term on-the-job training
Computer Network Architects	15-1232	1,790	1.840	50	2.7	100	\$104.000	Bachelor's degree	5 years or more	None
Database Administrators	15-1241	1,250	1,320	70	5.2	80	\$76,720	Bachelor's degree	None	None
Database Architects	15-1243	500	540	40	8.3	30		Bachelor's degree	Less than 5 years	None
Network and Computer Systems Administrators	15-1244	2,870	2,920	60	2.0	170	\$83,840	Bachelor's degree	None	None
Computer Programmers	15-1251	950	820	-130	-13.3	40	\$107,990	Bachelor's degree	None	None
Software Developers	15-1252	7,930	9,680	1,760	22.1	640	\$104,030	Bachelor's degree	None	None
Software Quality Assurance Analysts and Testers	15-1253	1,000	1,170	170	17.4	80	\$66,560	Bachelor's degree	None	None
Web Developers	15-1254	590	670	80	13.5	50	\$77,660	Bachelor's degree	None	None
Web and Digital Interface Designers	15-1255	790	890	110	13.4	70	\$57,050	Bachelor's degree	None	None
Computer Occupations, All Other	15-1299	2,730	3,080	350	12.8	210		Bachelor's degree	None	None
Mathematical Science Occupations Operations Research Analysts	15-2000 15-2031	2,740 460	3,550 570	810 110	29.7 23.6	270 40	N/A \$62,380	Bachelor's degree	None	None
Statisticians	15-2031	150	190	40	23.0	40		Master's degree	None	None
Data Scientists	15-2051	2,060	2,710	650	31.8	210	\$83,810	Bachelor's degree	None	None
Architecture and Engineering Occupations	17-0000	27,110	28,730	1,630	6.0	2,040	\$83,390			
Architects, Surveyors, and Cartographers	17-1000	2,260	2,410	150	6.6	160	N/A			
Architects, Except Landscape and Naval	17-1011	1,050	1,110	70	6.5	70	\$79,890	Bachelor's degree	None	Internship/residency
Surveyors	17-1022	1,040	1,110	70	7.0	70	\$58,190	Bachelor's degree	None	Internship/residency
Engineers	17-2000	16,690	18,000	1,320	7.9	1,090	N/A			
Aerospace Engineers	17-2011	1,450	1,540	90	6.0	90		Bachelor's degree	None	None
Chemical Engineers Civil Engineers	17-2041 17-2051	330 2,710	370 2,960	40 250	10.5 9.1	20 190	\$127,930 \$96.130	Bachelor's degree Bachelor's degree	None None	None None
Civil Engineers Computer Hardware Engineers	17-2051	2,710	2,960	250	9.1 2.6	190	\$96,130 \$125,380	Bachelor's degree	None	None
Electrical Engineers	17-2001	1,870	1,970	100	5.5	110	\$100.850	Bachelor's degree	None	None
Electronics Engineers. Except Computer	17-2072	1.510	1,570	60	4.1	90	\$98,780	Bachelor's degree	None	None
Environmental Engineers	17-2081	540	580	40	7.0	40	\$88,740	Bachelor's degree	None	None
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	17-2111	640	680	40	6.9	40	\$104,580	Bachelor's degree	None	None
Industrial Engineers	17-2112	2,200	2,470	270	12.3	160	\$95,090	Bachelor's degree	None	None
Materials Engineers	17-2131	270	280	20	6.0	20		Bachelor's degree	None	None
Mechanical Engineers	17-2141	2,040	2,250	210	10.1	140		Bachelor's degree	None	None
Petroleum Engineers	17-2171	1,450	1,600	150	10.0	100		Bachelor's degree	None	None
Engineers, All Other Drafters, Engineering Technicians, and Mapping Technicians	17-2199 17-3000	1,150 8,160	1,180 8,330	40 160	3.1 2.0	70 790	\$101,760 N/A	Bachelor's degree	None	None
Architectural and Civil Drafters	17-3000	1,540	1,560	20	1.4	150	\$62,290	Associate's degree	None	None
Electrical and Electronics Drafters	17-3012	290	300	10	3.1	30	\$67,230	Associate's degree	None	None
Mechanical Drafters	17-3012	740	690	-50	-6.7	50	\$62,390	Associate's degree	None	None
Aerospace Engineering and Operations Technologists and Technicians	17-3021	210	230	10	6.1	20		Associate's degree	None	None
Civil Engineering Technologists and Technicians	17-3022	450	470	20	3.8	40	\$61,550 /	Associate's degree	None	None
Electrical and Electronics Engineering Technologists and Technicians	17-3023	1,210	1,250	40	3.3	120	\$77,340	Associate's degree	None	None
Electro-Mechanical and Mechatronics Technologists and Technicians	17-3024	200	210		3.0	20		Associate's degree	None	None
Environmental Engineering Technologists and Technicians	17-3025	410	410	0	0.3	40		Associate's degree	None	None
Industrial Engineering Technologists and Technicians	17-3026	810	830	20	2.1	80		Associate's degree	None	None
Mechanical Engineering Technologists and Technicians	17-3027	230	220 80	-10	-2.6	20		Associate's degree	None	None
Calibration Technologists and Technicians Engineering Technologists and Technicians, Except Drafters, All Other	17-3028 17-3029	80 770	80 780	0 10	5.3 1.4	10 70		Associate's degree Associate's degree	None None	None None
Engineering Technologists and Technicians, Except Dratters, All Other Surveying and Mapping Technicians	17-3029	1,200	1,280	10 80	1.4 6.7	150		Associate's degree High school diploma or equivalent	None	None Moderate-term on-the-job training
Life, Physical, and Social Science Occupations	19-0000	1,200 12120	1,280	900	7.45	1210			None	moderate-term on-the-job training
Life Scientists	19-1000	2020	2120	100	4.95	150	903,320 N/A			
Soil and Plant Scientists	19-1013	250	260	10	3.6	20		Bachelor's degree	None	None
Biological Scientists, All Other	19-1029	580	590	10	1.4	40	\$74,800	Bachelor's degree	None	None
Conservation Scientists	19-1031	390	410	30	7.0	30		Bachelor's degree	None	None
Epidemiologists	19-1041	160	190	30	17.6	10		Master's degree	None	None
Medical Scientists, Except Epidemiologists	19-1042	400	420	20	4.0	20		Doctoral or professional degree	None	None
Physical Scientists	19-2000	1,960	2,100		7.4	160	N/A	De de de de servi	News	Maria
Atmospheric and Space Scientists Chemists	19-2021 19-2031	160 570	160 600	0 30	0.0 5.7	10 40	\$79,490 \$64.200	Bachelor's degree Bachelor's degree	None None	None None
chemists	19-2031	570	600	30	5.7	40	\$64,200	Bachelor's degree	wone	NOTE

		Oklaho Employn		-Term Occu Employmer		-	Median		Education and Training Classification	
						Average	Annual		Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Annual Openings	Wage 2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Environmental Scientists and Specialists, Including Health	19-2041	470	520	50	10.4	40	\$70,520	Bachelor's degree	None	None
Geoscientists, Except Hydrologists and Geographers	19-2042	610	670	60	10.3	60	\$104,250	Bachelor's degree	None	None
Physical Scientists, All Other	19-2099	80	80	0	2.5	10	\$108,330	Bachelor's degree	None	None
Social Scientists and Related Workers	19-3000	2,730	2,910	190	6.9	210	N/A			
Clinical and Counseling Psychologists	19-3033	410	470	60	13.8	30	\$76,190	Doctoral or professional degree	None	Internship/residency
School Psychologists Psychologists, All Other	19-3034 19-3039	520 390	550 410	30 20	6.2 6.0	40 30	\$62,540 \$71,900	Master's degree Master's degree	None None	Internship/residency Internship/residency
Urban and Regional Planners	19-3051	830	870	40	5.1	70	\$60,130	Master's degree	None	None
Social Scientists and Related Workers, All Other	19-3099	180	180	40	0.0	10	\$78,310	Bachelor's degree	None	None
Life, Physical, and Social Science Technicians	19-4000	3,650	3,820	170	4.7	460	N/A			
Agricultural Technicians	19-4012	200	210	10	2.5	30	\$46,840	Associate's degree	None	Moderate-term on-the-job training
Food Science Technicians	19-4013	270	270	10	3.0	40	\$47,810	Associate's degree	None	Moderate-term on-the-job training
Biological Technicians	19-4021	570 680	580	0	0.7 4.4	70	\$42,750	Bachelor's degree	None	None
Chemical Technicians	19-4031	680 300	710	30		80 40	\$62,120	Associate's degree	None	Moderate-term on-the-job training None
Environmental Science and Protection Technicians, Including Health Geological Technicians, Except Hydrologic Technicians	19-4042 19-4043	420	330 440	40 20	12.5 4.7	40 50	\$48,220 \$51,320	Associate's degree Associate's degree	None None	None Moderate-term on-the-job training
Social Science Research Assistants	19-4061	110	120	10	6.1	20	\$47.830	Bachelor's degree	None	None
Forest and Conservation Technicians	19-4001	140	120	0	1.4	20	\$49,160	Associate's degree	None	None
Forensic Science Technicians	19-4092	200	220	30	13.3	30	\$54,750	Bachelor's degree	None	Moderate-term on-the-job training
Life, Physical, and Social Science Technicians, All Other	19-4099	720	750	30	4.5	90	\$64,730	Associate's degree	None	None
Occupational Health and Safety Specialists and Technicians	19-5000	1,760	2,060	300	17.1	230	N/A			
Occupational Health and Safety Specialists	19-5011	1,490	1,740	250	17.0	190	\$75,060	Bachelor's degree	None	None
Occupational Health and Safety Technicians	19-5012	280	330	50	17.7	40	\$51,630	High school diploma or equivalent	None	Moderate-term on-the-job training
Community and Social Service Occupations	21-0000	31,230	34,220	2,990	9.6	2,930	\$45,960			
Counselors, Social Workers, and Other Community and Social Service Specialists Educational, Guidance, and Career Counselors and Advisors	21-1000 21-1012	30,280 4,570	33,240 4.860	2,960 290	9.8 6.4	2,840 360	N/A \$49,520	Master's degree	None	None
Marriage and Family Therapists	21-1012 21-1013	4,370	4,860	290	15.7	110	\$49,520 \$54,270	Master's degree	None	Internship/residency
Rehabilitation Counselors	21-1015	1,780	1,850	70	3.8	150	\$27,160	Master's degree	None	None
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	21-1018	5,830	6,980	1,150	19.7	640	\$57,190	Bachelor's degree	None	None
Child, Family, and School Social Workers	21-1021	6,510	6,830	320	4.9	540	\$42,020	Bachelor's degree	None	None
Healthcare Social Workers	21-1022	3,100	3,370	270	8.7	300	\$49,880	Master's degree	None	Internship/residency
Mental Health and Substance Abuse Social Workers	21-1023	960	1,040	80	8.8	80	\$37,740	Master's degree	None	Internship/residency
Social Workers, All Other	21-1029	430	450	20	4.7	40	\$93,870	Bachelor's degree	None	None
Health Education Specialists	21-1091	1,250	1,360	110	9.0	140	\$59,070	Bachelor's degree	None	None
Probation Officers and Correctional Treatment Specialists	21-1092	920	940	30	3.2	70	\$51,080	Bachelor's degree	None	Moderate-term on-the-job training
Social and Human Service Assistants Community Health Workers	21-1093 21-1094	2,500 720	2,750 810	260 100	10.2 13.5	290 90	\$34,820 \$43,430	High school diploma or equivalent High school diploma or equivalent	None None	Short-term on-the-job training Short-term on-the-job training
Religious Workers	21-1094	950	980	30	2.7	90 90	343,430 N/A	Fight school diploma of equivalent	None	Short-term on-the-job training
Clergy	21-2011	700	720	20	3.5	60	\$51,280	Bachelor's degree	None	Moderate-term on-the-job training
Directors, Religious Activities and Education	21-2021	130	130	0	0.8	10	N/A	Bachelor's degree	Less than 5 years	None
Religious Workers, All Other	21-2099	130	130	0	0.8	20	\$76,460	Bachelor's degree	None	None
Legal Occupations	23-0000	13,440	14,530	1,090	8.1	950	N/A			
Lawyers, Judges, and Related Workers	23-1000	8,550	9,340	790	9.3	420	N/A			
Lawyers	23-1011	7,470	8,240	770	10.3	380	\$105,390	Doctoral or professional degree	None	None
Judicial Law Clerks	23-1012	60	60	0	1.7	0	\$88,980	Doctoral or professional degree	None	None
Administrative Law Judges, Adjudicators, and Hearing Officers Judges, Magistrate Judges, and Magistrates	23-1021 23-1023	110 900	110 920	20	1.9 2.7	0 40	\$111,610 N/A	Doctoral or professional degree Doctoral or professional degree	5 years or more 5 years or more	Short-term on-the-job training Short-term on-the-job training
Legal Support Workers	23-2000	4.900	5,200	300	6.1	530	N/A	Doctoral of professional degree	5 years of more	Short-term on-the-job training
Paralegals and Legal Assistants	23-2011	2,910	3,100	190	6.5	320	\$55,560	Associate's degree	None	None
Title Examiners, Abstractors, and Searchers	23-2093	1,860	1,960	110	5.8	190	\$45,790	High school diploma or equivalent	None	Moderate-term on-the-job training
Legal Support Workers, All Other	23-2099	140	140	0	2.2	10	\$46,700	Associate's degree	None	None
Educational Instruction and Library Occupations	25-0000	99,870	104,690	4,820	4.8	9,170	\$47,980			
Postsecondary Teachers	25-1000	16,480	17,010	530	3.2	1,360	N/A			
Business Teachers, Postsecondary	25-1011	950	970	20	2.2	80	\$79,350	Doctoral or professional degree	None	None
Mathematical Science Teachers, Postsecondary	25-1022	580	580	0	-0.5	50	\$63,470	Doctoral or professional degree	None	None
Engineering Teachers, Postsecondary Chemistry Teachers, Postsecondary	25-1032 25-1052	250 310	260 300	10 -10	5.7 -2.0	20 20	\$93,800 \$78,210	Doctoral or professional degree Doctoral or professional degree	None	None
Physics Teachers, Postsecondary	25-1052	90	90	-10	-2.0	10	\$78,210 \$88,020	Doctoral or professional degree	None	None
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-1054	200	190	0	-2.0	10	\$70,320	Doctoral or professional degree	None	None
Economics Teachers, Postsecondary	25-1063	80	80	0	-2.5	10	\$103,100	Doctoral or professional degree	None	None
Political Science Teachers, Postsecondary	25-1065	150	150	0	-1.3	10	\$79,950	Doctoral or professional degree	None	None
Psychology Teachers, Postsecondary	25-1066	460	460	0	-0.2	40	\$60,420	Doctoral or professional degree	None	None
Sociology Teachers, Postsecondary		140	130	0	-1.5	10	\$64,540	Doctoral or professional degree	None	None
	25-1067			370	13.1	270	\$71,030	Doctoral or professional degree	Less than 5 years	None
Health Specialties Teachers, Postsecondary	25-1071	2,870	3,240							
Nursing Instructors and Teachers, Postsecondary	25-1071 25-1072	750	870	120	15.8	80	\$64,260	Doctoral or professional degree	Less than 5 years	None
Nursing Instructors and Teachers, Postsecondary Education Teachers, Postsecondary	25-1071 25-1072 25-1081	750 610	870 600	120 -10	15.8 -1.6	80 50	\$64,260 \$61,900	Doctoral or professional degree Doctoral or professional degree	Less than 5 years	None None
Nursing Instructors and Teachers, Postsecondary Education Teachers, Postsecondary Art, Drama, and Music Teachers, Postsecondary	25-1071 25-1072 25-1081 25-1121	750 610 1,240	870 600 1,220	120 -10 -30	15.8 -1.6 -2.0	80 50 90	\$64,260 \$61,900 \$61,770	Doctoral or professional degree Doctoral or professional degree Master's degree	Less than 5 years None	None None None
Nursing Instructors and Teachers, Postsecondary Education Teachers, Postsecondary	25-1071 25-1072 25-1081	750 610	870 600	120 -10	15.8 -1.6	80 50	\$64,260 \$61,900	Doctoral or professional degree Doctoral or professional degree	Less than 5 years	None None

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Image of spice based problem based of spice based	Occupation little	SOC Code	2022	2032	Numeric	Percent	Openings	2023-	Typical Entry-Level Education	Occupation	Typical on-the-job Training
Includy of the standy shares weak one of the standy of t	History Teachers, Postsecondary	25-1125	230	230	-10	-3.9	20	\$65,700	Doctoral or professional degree	None	None
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Special bicklownice intervationSpecial bicklownice intervationSpecial bicklownice intervationNoteNoteNoteNoteSpecial bicklownice intervation7.0001.000.00	Secondary School Teachers, Except Special and Career/Technical Education	25-2031		20,060	1,100			\$50,600	Bachelor's degree	None	None
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Museumi technicians dictariotation5-502 <th< td=""><td>Archivists</td><td>25-4011</td><td>230</td><td>240</td><td>20</td><td>6.6</td><td>30</td><td>\$49,920</td><td>Master's degree</td><td>None</td><td>None</td></th<>	Archivists	25-4011	230	240	20	6.6	30	\$49,920	Master's degree	None	None
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Carl ArithsCarl ArithsCarl ArithsCarl ArithsNoneLong term on the job TainingFine Ariths, Including Jinters, Support, and Jinters7.10141.301.505.01.05.9,30Bachelor's degreeNoneNoneCommercial and Austring Support7.10141.301.202.001.505.9,30Bachelor's degreeNoneNoneNoneCommercial and Austring Support7.10241.001.001.501.005.3,30High school diploma or quivalentNoneMoneGraphic Degines7.10241.001.001.001.005.9,30Bachelor's degreeNoneNoneNoneMetric Degines7.10241.001.001.001.005.9,40Bachelor's degreeNoneNoneNoneInterior Degines7.10241.001.005.101.005.9,408.0S.0,40High school diploma or quivalentNoneNoneNoneInterior Degines7.20241.001.001.001.001.001.00NoneNoneNoneNoneNoneNoneNoneConcers and Social Competition7.20222.901.001.001.001.001.00None <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Bachelor's degree</td><td>5 years or more</td><td>None</td></td<>									Bachelor's degree	5 years or more	None
Fine Artis: including Painters, Subjects, and Illustrators27-10314015010581010/4Bachelor's degreeNoneNoneGeneratical and Industrial Designers27-1021202101053610530Bachelor's degreeNoneNoneGraphic Designers27-10210/1010/10506533/10Bachelor's degreeNoneNoneNoneGraphic Designers27-10210/1010/10506534/10Bachelor's degreeNoneNoneNoneNoneBrancin Designers27-10210/1051010/1051045085/10Bachelor's degreeNone<					30						
Commercial and industrial beigners71.02 <th< td=""><td>Fine Artists, Including Painters, Sculptors, and Illustrators</td><td>27-1013</td><td>140</td><td>150</td><td>10</td><td>5.8</td><td>10</td><td>N/A</td><td>Bachelor's degree</td><td>None</td><td>Long-term on-the-job training</td></th<>	Fine Artists, Including Painters, Sculptors, and Illustrators	27-1013	140	150	10	5.8	10	N/A	Bachelor's degree	None	Long-term on-the-job training
Find Deigners27-102640540-100-15.9607.300High school oliginary arquivalentNoneModert mon-the-job trainingGraphic Designers27-10215.96405.909.26405.7025.00Stable of sequersNoneNoneNoneMerchandle Diployeers and Window Trimmers27-10217.3018.801005.7022.8Stable of sequersNoneNoneNoneNoneProducers and Directors27-20118.005.505.508.105.508.50NoNoNone <td< td=""><td>Special Effects Artists and Animators</td><td>27-1014</td><td>130</td><td>150</td><td>10</td><td>9.0</td><td></td><td>\$59,990</td><td>Bachelor's degree</td><td>None</td><td>None</td></td<>	Special Effects Artists and Animators	27-1014	130	150	10	9.0		\$59,990	Bachelor's degree	None	None
Graphic Designers27:029.1099.009.009.009.009.009.009.009.009.009.000.0000.000Merchandize Displayers and Window Trimmers27:0029.0209.00											
Interior Designers77.10259.064050.050.080.080.00080.000NoneNoneNoneNoneMetchadie Displayers and Windor Timmers77.2005.005.5041060 <td></td>											
Mechandic biplayers and Window Timmers7-1027-1021-8.01-8.06-9.78-9.490									•		
Interlations and Performers, Sports and Reliated Workers.27-200057-200057-10056-10056-100Bachelor's degreeLess than 5 yearsNoneAthletes and Sports Competitors27-202129-903.2002015.440.0534.00Bachelor's degreeLess than 5 yearsNone											
Producers and Directors77.2012560510505.98055.120Bachelor's degreeLesthan 5 yearsNoneA chickers and Sports77.20227.9903.2302.406.1410534.800Bachelor's degreeLesthan 5 yearsLong-term on-the-job trainingCoaches and Scouts77.20227.9903.2302.406.1410534.800Bachelor's degreeLesthan 5 yearsLong-term on-the-job trainingMusicians and Singers77.20321.001.101.006.207.90S52.20Bachelor's degreeLess than 5 yearsNoneMusicians and Singers77.20423.101.001.006.24.00N/ANo formal educational credentialNoneNoneMusicians and Singers77.30112.206.6607.007.509.00N/ANoneNoneNoneBroadcast Announcers and Raido Disc Jockeys77.30112.207.907.505.42.4054.60Sachelor's degreeNoneNoneNonePublic Relations Specialitis27.30122.8207.901.505.42.4054.640Sachelor's degreeNoneNoneNoneTechnical Witters and Auntors27.30428.906.603.04.76.0054.740Bachelor's degreeNoneNoneNoneMusicians and Tanabars27.30428.908.906.603.07.05.42.40Sachad's degreeNoneNoneNone			-,	-,		÷		+,	High school diploma or equivalent	None	Short-term on-the-job training
Athletes and Sports Competitors27-2021140160160150160160836,640Normal educational redentialNoneLong-term on-the-job TrainingConcheographers27-203227-2032100100504.120834,800Bachelor's degreeSy ears or moreLong-term on-the-job TrainingMusic Directors and Composers27-20411701800.04.120552,290Bachelor's degreeLong-term on-the-job TrainingMusic Directors and Salo Disc/Ackys27-20423103300206.24.0N.NoNo formal educational redentialKeysNoneBroadsatt Announcers and Ralio Disc/Ackys27-3016.4805.6607.05.78.0Bachelor's degreeNoneNonePublic Relations Specialists27-3012.006.106.406.405.46.008.46lor's degreeNoneNoneNonePublic Relations Specialists27-3012.006.106.04.04.005.4.100Bachelor's degreeNoneNoneNoneMitters and Autoris27-3046.005.006.06.4.106.4.105.4.100Bachelor's degreeNoneNoneNoneMusica Mutters27-3046.006.006.06.4.106.08.4.100's degreeNoneNoneNoneMusica Mutters27-3046.006.006.06.1.106.1.108.4.100's degreeNoneNoneNone <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Deskalada da era a</td><td>Loop the set for some</td><td>No</td></td<>									Deskalada da era a	Loop the set for some	No
Coaches and Sourds27-2022.9903.2302.408.134.10514.800Bachelor's degreeNoneNoneChoreographer27-204100180104.120552.290Bachelor's degreeLess than 5 years or moreLong sterm on-the-job trainingMusicions and Singers27-2042310330206.240N/ANo formal educational credentialNoneLong sterm on-the-job trainingMedia and Communication Workers27-30006.061002.7552.290Salchelor's degreeNoneNoneBroadcast Announcers and Ratio Dis. Jockeys27-30132.022.00-7.0-8.8SolceSolceNoneNonePublic Relations Specialists27-30132.022.97015.0-5.42.00SolceSolceBachelor's degreeNoneNonePublic Relations Specialists27-30132.022.97015.0-5.42.00SolceSolceSolceNoneNoneChinic Relations Specialists27-30142.022.97015.0-5.42.00SolceSolceSolceSolceNoneNoneChinic Relations Specialists27-30412.022.97015.0-5.48.00SolceSolceNoneNoneNoneMedia and Communication Equipment Workers27-40002.5802.5804.004.99.0Sol.10SolceNoneNoneMedia and Communication Equipment Workers <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
Choreagraphers27-3021001101005.07.0N/HHigh school diploma or equivalent5 year moreLong-term on-the-job trainingMusicians and Singers27-204310330206.240N/ANormal educational credentialNoneLong-term on-the-job trainingMusicians and Singers27-204310330206.240N/ANormal educational credentialNoneLong-term on-the-job trainingMedia and Communication Workers27-30127-3016.601002.733.02Bichelor's degreeNoneNoneNonePublic Relation Specifies27-3012.704.604.60-3.856.40Bichelor's degreeNoneNoneNonePublic Relation Specifies27-3012.706.106.60-9.46.6056.40Bichelor's degreeNoneNoneNonePublic Relation Specifies27-3012.706.106.604.76.10Sti.40Bichelor's degreeNoneNoneNoneMitters and Authors27-3012.705.003.006.10Sti.40Bichelor's degreeNoneNoneNoneNoneMedia and Communication Equipment Workers27-3035.003.004.75.0Sti.40Bichelor's degreeNoneNoneNoneMedia and Communication Equipment Workers27-4002.4005.003.50N.7NoneNoneNoneNoneMedia and Communic											
Music Directors and Composers27.2041170180104.120\$52.200Barcheor's degreeLess shan 5 yearsNomeMusic Directors and Singers27.300064.806.6001702.750N/NoneLong-term on-the-job trainingMedia and Communication Workers27.300064.806.6001702.750N/NoneNoneNoneBroadcast Announcers and Radio Disc Jockeys27.3023480460-20-5.920546,600Bachelor's degreeNoneNoneNonePublic Relations Specialists27.3023480460-5.4240556,400Bachelor's degreeNoneNoneNoneEditors27.30132.8202.9701505424056,440Bachelor's degreeNoneNoneNoneTechnical Writers and Authors27.30426.906.00-9.46.0056,470Bachelor's degreeNoneNoneNoneMusic Broadcast Londination Exponent Workers27.30428.905.004.0054,70Bachelor's degreeNoneNoneNoneMedia and Video Technicals27.40127.3048.908.904.0054,70Bachelor's degreeNoneNoneNoneMusic Broadcast Technical Writers and Authors27.40117.107.404.05.07.308.506.12.10Sascial's degreeNoneNoneNoneMedia and Video Technicals27.40117											
Musicians and singers27-2023103103206240N/ANo formaleducational credentialNoneLong-term on-the-job trainingMedia and Communication Workers27-30122007-201520530546546/50Bachelor's degreeNoneNoneNoneNews Analysts, Reporters, and Journalists27-30122.002.00-7.005.450.00S46/50Bachelor's degreeNoneNoneNonePublic Relations Specialists27-3012.8002.90015.005.450.00S46/50Bachelor's degreeNone <td></td>											
Broadcast Announcers and Radio Disc Jockeys27-301200200-20-6.920S30,270Bachelor's degreeNoneNoneNews Analysts, Reporters, and Journalists27-302480460-20-3.850S56,600Bachelor's degreeNoneNonePublic Relation's Specialists27-302480460-20-3.850S56,400Bachelor's degreeNoneNoneEditors27-304670610-60-9.460S66,40Bachelor's degreeLess than 5 yearsNoneTechnical Writers and Authors27-3042890940505.680S51,40Bachelor's degreeNoneLong-term on-the-job trainingInterpreters and Translators27-3042890940505.680S51,40Bachelor's degreeNoneNoneNoneMedia and Communication Equipment Workers27-3042890940505.680S51,40Bachelor's degreeNoneNoneNoneAudio and Video Technicians27-40127.405.60304.7605.17.90Bachelor's degreeNoneNoneNonePublic gettorins Video, and Film27-4017.407.405.04.605.7NoNoneNoneNoneNoneGamea Operators, Television, Video, and Film27-4011.301.307.05.105.85,80Bachelor's degreeNoneNoneNoneNoneHeilt bactorg	Musicians and Singers	27-2042	310	330	20	6.2	40	N/A		None	Long-term on-the-job training
News Analysts, Reporters, and Journalists27-303480480460-20-3.850546,00Bachelor's degreeNoneNonePublic Relations Specialists27-3032,8202,9701505.4240556,400Bachelor's degreeLess than 5 yearsNoneEditors27-30427-3048.909.40505.68.00546,740Bachelor's degreeLess than 5 yearsNoneTechnical Writers27-3048.909.40505.68.0051,410Bachelor's degreeLess than 5 yearsNoneInterpreters and Tanslators27-3028.507.605.054,740Bachelor's degreeNoneNoneMedia and Communication Equipment Workers27-4002.6502.9801.004.76.00541,740Bachelor's degreeNoneNoneAudio and Video Technicans27-4017.402.903.104.602.70NoNoNoNoAudio and Video Technicans27-4011.201.307.005.71.20S36,610Asociate's degreeNoneNoneNoreNoAudio and Video Editors27-4011.2301.3007.05.71.20S36,610Asociate's degreeNoneNoNoNoAudio and Video Editors7.40211.2301.3007.05.71.20S36,610Asociate's degreeNoneNoneNoneNoAudio and Video Editors7.4021	Media and Communication Workers	27-3000	6,480	6,660	170	2.7	590	N/A			· · ·
Public Relations Specialists27-3032,8202,9701505.4240\$56,440Bachelor's degreeNoneNoneEditors27-304670 <td>Broadcast Announcers and Radio Disc Jockeys</td> <td>27-3011</td> <td>220</td> <td>200</td> <td>-20</td> <td>-6.9</td> <td>20</td> <td>\$30,270</td> <td>Bachelor's degree</td> <td>None</td> <td>None</td>	Broadcast Announcers and Radio Disc Jockeys	27-3011	220	200	-20	-6.9	20	\$30,270	Bachelor's degree	None	None
Editors27-304670670610-6094460946,708chelo's degreeLess than 5 yearsNoneTechnical Writers and Authors27-304890940505.6800\$51,40Bachelo's degreeLess than 5 yearsNone ton-the-job trainingInterpreters and Translators27-3048405406304.657.400Bachelo's degreeNoneLong-term on-the-job trainingMedia and Onmunication Eupiment Workers27-301540550304.6670 V NoneNoneAudio and Video Technicians27-40127400 2,8002,800100 4.6 2707400 Social's degreeNoneNoneProductar Technicians27-4012703107404.6057,400Astocial's degreeNoneNoneNone-the-job trainingBroadcast Technicians27-4011,203107404.6050,50056,500Astocial's degreeNoneNone-the-job trainingCamera Operators, Television, Video, and Film27-4011,301,3007051,4054,500Bachelo's degreeNoneNone-the-job trainingItim and Video Editors27-4011,3001,300701,0054,500Bachelo's degreeNoneNone-the-job trainingItim and Video Editors27-4011,3001,30001,0054,500Bachelo's degreeNoneNoneNone-the-job trainingItim and Video Editors2	News Analysts, Reporters, and Journalists							\$46,600		None	None
Technical Writers27-302890940505.6800\$61,410Bachelor's degreeLess than 5 yearsShort-term on-the-job trainingWriters and Authors27-3038508504004.990\$51,430Bachelor's degreeNoneLong-term on-the-job trainingInterpreters and Translators27-3038502,9801304.6270N/HNoneNoneNoneMedia and Communication Equipment Workers27-4017107404005.0700\$7,280Postcondary non-degree awardNoneShort-term on-the-job trainingBroadcast Technicians27-4017107404005.0700\$3,261Associat's degreeNoneShort-term on-the-job trainingPhotographers27-4011,2301,3007005.7120\$3,270High school diploma or equivalentNoneModerate-term on-the-job trainingCamera Operators, Television, Video, and Film27-4011.301.3000.01.00\$3,2610Bachelor's degreeNoneNoneMedia and Communication Equipment Workers, All Other27-40311.301.300.01.00\$46,30Bachelor's degreeNoneNoneMedia and Communication Equipment Workers, All Other27-40311.301.300.01.00\$48,30Bachelor's degreeNoneNoneHealthCare Practitioners and Technical Occupations27-40311.301.300.01.00\$68,540High school						5.4				None	None
Writers and Authors27-303850890404.990\$51,480Bachelor's degreeNoneLong-term on-the-job trainingInterpreters and Translators27-301540560304.760\$51,470Bachelor's degreeNoneNoneMedia and Communication Equipment Workers27-4017107404005.070\$47,280Postscondary non-degree awardNoneNoneAudio and Video Technicians27-4017107404005.070\$47,280Postscondary non-degree awardNoneShort-term on-the-job trainingBroadcast Technicians27-4012320310-10-1.630\$35,610Associate's degreeNoneNoneNoneObtographers27-4012320310-10-1.630\$37,270High school diploma or equivalentNoneNoneNoneGamera Operators, Television, Video, and Film27-40113013000.010\$42,690Bachelor's degreeNoneNoneNoneHealth Care Practitioners and Technical Occupations27-401130130010\$42,690Bachelor's degreeNoneNoneNoneHealth Care practitioners and Technical Occupations27-40122703103012.130\$48,300Bachelor's degreeNoneNoneNoneHealth Care practitioners and Technical Occupations27-40122703103012.130\$48,300						5.4					None
Interpreters and Translators27-3091540540560304.760\$41,790Bachelor's degreeNoneNoneMedia and Communication Equipment Workers27-40002.8502.9801304.627077.7<								+,			
Media and Communication Equipment Workers27-4002,8502,8502,8501304.6270N/AAudio and Video Technicians27-4017107404005.070\$37,270Postsecondary non-degree awardNoneShort-term on-the-job trainingBroadcast Technicians27-4017107404005.070\$37,270High school diploma or equivalentNoneShort-term on-the-job trainingBroadcast Technicians27-40211,2301,300705.7120\$37,270High school diploma or equivalentNoneModerate-term on-the-job trainingCamera Operators, Television, Video, and Flim27-403113013000.010\$42,690Bachelor's degreeNoneNoneMedia and Communication Equipment Workers, All Other27-40322703103012.130\$48,380Bachelor's degreeNoneNoneMedia and Communication Equipment Workers, All Other27-4039130,7308,5407.08,640\$69,780High school diploma or equivalentNoneNone-term on-the-job trainingHealth Care Practitioners and Technical Occupations29-100072,15077,5405,3907.54,110N/ANoneNone-term on-the-job trainingChiropractors29-101072,15077,5405,3907.54,110N/ANoneNone-term on-the-job trainingChiropractors29-101072,15077,5007,5307,13058,940											
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Broadcast Technicians27-4012320310-10-1030\$36,610Associate's degreeNoneShort-term on-the-job trainingPhotographers27-40211,2301,300705.7120\$32,720High school diploma or equivalentNoneModerate-term on-the-job trainingCamera Operators, Flevision, Video, and Film27-40211.3013000.010\$42,690Bachelor's degreeNoneNoneFilm and Video Editors27-4032270310300.00.010\$48,380Bachelor's degreeNoneNoneMedia and Communication Equipment Workers, All Other27-40980800.010\$68,540High school diploma or equivalentNoneNoneHealthcare Practitioners and Technical Occupations29-000122,190130,7308,5407.08,640568,787FFHealth Diagnosing or Treating Practitioners29-100177,5505,3907.54,10N/4KKKKKChiropractors29-1016805.07.15.058,978KKK<									Portrocondany non-dograa sweet	Nono	Short term on the job training
Photographers 27-4021 1,230 1,230 70 5.7 120 \$37,270 High school diploma or equivalent None Moderate-term on-the-job training Camera Operators, Television, Video, and Film 27-4031 130 130 0 0.0 10 \$42,650 Bachelor's degree None None Film and Video Editors 27-4031 130 0 0.0 10 \$48,380 Bachelor's degree None None Media and Communication Equipment Workers, All Other 27-409 80 60 0.0 10 \$68,540 High school diploma or equivalent None None HealthCare Practitioners and Technical Occupations 29-000 122,190 130,700 8,540 7.0 8,040 \$68,540 None None None+term on-the-job training HealthCare Practitioners and Technical Occupations 29-1000 72,150 77,540 5,390 7.0 8,040 \$68,780 None None Chiropractors 29-1010 72,150 77,540 5,390 7.1 8,040 </td <td></td> <td></td> <td></td> <td></td> <td>-10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					-10						
Camera Operators, Television, Video, and Film 27-4031 130 130 0 0.0 10 \$42,690 Bachelor's degree None Film and Video Editors 27-4032 270 310 30 12.1 30 \$48,800 Bachelor's degree None None Media and Communication Equipment Workers, All Other 27-4032 270 310 30 12.1 30 \$48,800 Bachelor's degree None None HealthCare Practitioners and Technical Occupations 29-000 122,190 130,730 8,540 7.0 8,040 \$69,780 None None Health Diagnosing or Treating Practitioners 29-1000 72,510 77,540 5,390 7.5 4,110 NA Chiropractors 29-100 72,150 77,540 5,390 7.5 4,110 NA								1			
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Healthcare Practitioners and Technical Occupations 29-000 122,190 130,730 8,540 7.0 8,040 \$69,780 Health Diagnosing or Treating Practitioners 29-100 72,150 77,540 5,390 7.5 4,110 N/A Chiropractors 29-101 640 680 50 7.1 30 \$8,390 Doctoral or professional degree None											
Health Diagnosing or Treating Practitioners 29-1000 72,150 77,540 5,390 7.5 4,110 N/A Chiropractors 29-1011 640 680 50 7.1 30 \$83,990 Doctoral or professional degree None		29-0000	122,190	130,730	8,540				•		
	Health Diagnosing or Treating Practitioners				5,390	7.5	4,110	N/A			
Dentists, General 29-1021 1,490 1,510 20 1.3 40 \$164,670 Doctoral or professional degree None None										None	
	Dentists, General	29-1021	1,490	1,510	20	1.3	40	\$164,670	Doctoral or professional degree	None	None

		Oklahor Employm	0	-Term Occu	Outlook,	2022-2032 Median	Education and Training Classification			
		Linpioyin	ient	Linploymen	it change	Average	Annual			
						Annual	Wage		Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Dentists, All Other Specialists	29-1029	90	90	0	0.0	0	\$115,010	Doctoral or professional degree	None	Internship/residency
Dietitians and Nutritionists	29-1031	940	1,000	60	6.8	70	\$65,990	Bachelor's degree	None	Internship/residency
Optometrists	29-1041	540	580	40	6.5	20	\$97,670	Doctoral or professional degree	None	None
Pharmacists	29-1051	4,170	4,380	210	5.1	180	\$131,040	Doctoral or professional degree	None	None
Physician Assistants	29-1071	1,650	2,020	380	22.8	130	\$126,080	Master's degree	None	None
Podiatrists	29-1081 29-1122	30 1.020	30 1.120	0 100	0.0 9.8	0 70	\$207,150 \$99.530	Doctoral or professional degree	None	Internship/residency None
Occupational Therapists Physical Therapists	29-1122	2,420	2,720	300	9.8	130	\$98,090	Master's degree Doctoral or professional degree	None	None
Radiation Therapists	29-1123	2,420	2,720	0	0.8	130	\$84,530	Associate's degree	None	None
Recreational Therapists	29-1124	240	240	10	4.3	20	\$36,140	Bachelor's degree	None	None
Respiratory Therapists	29-1126	2,360	2,630	270	11.6	150	\$68,050	Associate's degree	None	None
Speech-Language Pathologists	29-1127	2,150	2,630	470	21.9	170	\$80,800	Master's degree	None	Internship/residency
Exercise Physiologists	29-1128	460	500	50	10.3	30	\$45,550	Bachelor's degree	None	None
Therapists, All Other	29-1129	440	500	60	13.0	30	\$61,450	Bachelor's degree	None	None
Veterinarians	29-1131	1,170	1,380	210	18.1	60	\$96,300	Doctoral or professional degree	None	None
Registered Nurses	29-1141	37,490	39,290	1,790	4.8	2,240	\$78,760	Bachelor's degree	None	None
Nurse Anesthetists	29-1151	320	330	10	3.1	10	\$216,220	Master's degree	None	None
Nurse Practitioners Audiologists	29-1171 29-1181	3,030 70	4,200 80	1,160 10	38.3 8.1	280 0	\$124,070 \$78,110	Master's degree Doctoral or professional degree	None	None None
Audiologists	29-1181	540	540	10	-0.6	10	\$78,110 N/A	Doctoral or professional degree	None	Internship/residency
Dermatologists	29-1211	300	300	10	2.7	10	N/A	Doctoral or professional degree	None	Internship/residency
Emergency Medicine Physicians	29-1214	170	170		2.4	10	N/A	Doctoral or professional degree	None	Internship/residency
Family Medicine Physicians	29-1215	1,720	1,750	30	1.8	50	N/A	Doctoral or professional degree	None	Internship/residency
General Internal Medicine Physicians	29-1216	940	950	10	1.1	30	N/A	Doctoral or professional degree	None	Internship/residency
Neurologists	29-1217	60	60	0	1.6	0	N/A	Doctoral or professional degree	None	Internship/residency
Obstetricians and Gynecologists	29-1218	150	150	0	-0.7	0	N/A	Doctoral or professional degree	None	Internship/residency
Pediatricians, General	29-1221	90	90	0	1.1	0	N/A	Doctoral or professional degree	None	Internship/residency
Physicians, Pathologists	29-1222	160	160	0	1.3	0	N/A	Doctoral or professional degree	None	Internship/residency
Psychiatrists	29-1223	160	170	10	5.5	10	\$234,580	Doctoral or professional degree	None	Internship/residency
Radiologists	29-1224	820	820	10	0.9	20	N/A	Doctoral or professional degree	None	Internship/residency
Physicians, All Other	29-1229	2,240	2,260	10	0.6	60	N/A	Doctoral or professional degree	None	Internship/residency
Surgeons, All Other	29-1249	570	540	-20	-4.2	10	N/A	Doctoral or professional degree	None	Internship/residency
Dental Hygienists Healthcare Diagnosing or Treating Practitioners, All Other	29-1292 29-1299	2,550 180	2,680 190	130 10	5.0 2.8	180 10	\$97,280 N/A	Associate's degree Master's degree	None None	None None
Health Technologists and Technicians	29-1299 29-2000	47,120	49,950	2,830	2.8 6.0	3,720	N/A	Master's degree	None	None
Clinical Laboratory Technologists and Technicians	29-2000	5,920	6,100	170	2.9	400	\$54,050	Bachelor's degree	None	None
Cardiovascular Technologists and Technicians	29-2010	1.020	1.040	30	2.5	70	\$45,160	Associate's degree	None	None
Diagnostic Medical Sonographers	29-2032	1,140	1,280	140	11.8	80	\$78,570	Associate's degree	None	None
Nuclear Medicine Technologists	29-2033	240	240	-10	-2.1	10	\$84,870	Associate's degree	None	None
Radiologic Technologists and Technicians	29-2034	4,060	4,140	80	2.0	220	\$64,720	Associate's degree	None	None
Magnetic Resonance Imaging Technologists	29-2035	480	500	20	3.3	30	\$81,230	Associate's degree	Less than 5 years	None
Emergency Medical Technicians	29-2042	2,540	2,720	180	7.0	200	\$31,190	Postsecondary non-degree award	None	None
Paramedics	29-2043	1,610	1,700	90	5.5	80	\$46,610	Postsecondary non-degree award	Less than 5 years	None
Dietetic Technicians	29-2051	200	210	10	4.4	20	\$33,470	Associate's degree	None	None
Pharmacy Technicians	29-2052	5,300	5,780	480	9.0	540	\$36,330	High school diploma or equivalent	None	Moderate-term on-the-job training
Psychiatric Technicians	29-2053	1,310	1,420	110	8.3	120	\$32,350	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training
Surgical Technologists	29-2055	2,310 960	2,390	80 190	3.4	150 110	\$51,400	Postsecondary non-degree award	None	None
Veterinary Technologists and Technicians Ophthalmic Medical Technicians	29-2056 29-2057		1,150 1.280	190	19.4 9.9	110	\$35,740 \$34,650	Associate's degree	None	None
Uphthalmic Medical Technicians Licensed Practical and Licensed Vocational Nurses	29-2057 29-2061	1,160 13,590	1,280	860	6.3	140	\$34,650 \$50,510	Postsecondary non-degree award Postsecondary non-degree award	None	None None
Medical Records Specialists	29-2001	2,480	2.630	150	6.1	1,150	\$49.510	Postsecondary non-degree award	None	None
Opticians, Dispensing	29-2072	600	620	20	3.7	50	\$33,380	High school diploma or equivalent	None	Long-term on-the-job training
Health Technologists and Technicians, All Other	29-2099	1,900	1,990	90	4.9	140	\$38,850	Postsecondary non-degree award	None	None
Other Healthcare Practitioners and Technical Occupations	29-9000	2,930	3,240	320	10.8	220	N/A	,		
Health Information Technologists and Medical Registrars	29-9021	1,620	1,870	250	15.4	130	\$42,080	Associate's degree	None	None
Athletic Trainers	29-9091	330	370	40	12.2	30	\$59,940	Master's degree	None	None
Surgical Assistants	29-9093	580	590	20	2.8	40	\$35,840	Postsecondary non-degree award	None	None
Healthcare Practitioners and Technical Workers, All Other	29-9099	400	410	10	2.3	30	\$66,000	Postsecondary non-degree award	None	None
Healthcare Support Occupations	31-0000	63,540	71,520	7,990	12.6	10,390	\$31,830			
Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aide		38,500	44,040	5,530	14.4	6,510	N/A			
Home Health and Personal Care Aides	31-1120	19,090	23,300	4,210	22.0	3,530	\$25,650	High school diploma or equivalent	None	Short-term on-the-job training
Nursing Assistants	31-1131	18,860	20,170	1,310	6.9	2,890	\$33,320	Postsecondary non-degree award	None	None
Occupational Therapy and Physical Therapist Assistants and Aides	31-2000	3,000	3,500	500	16.6	490	N/A	Associately desuce	Nene	Neze
Occupational Therapy Assistants Occupational Therapy Aides	31-2011 31-2012	660 40	800 40	140 0	21.9 -2.4	110 10	\$64,890 \$31,440	Associate's degree High school diploma or equivalent	None	None Short-term on-the-job training
Occupational Therapy Aldes Physical Therapist Assistants	31-2012	40	2,050	350	-2.4	290	\$31,440 \$64.020	Associate's degree	None	None
Physical Therapist Addes	31-2021	600	2,030	10	1.2	290	\$21,910	High school diploma or equivalent	None	Short-term on-the-job training
Other Healthcare Support Occupations	31-9000	22,030	23,990	1,960	8.9	3,390	321,910 N/A			energy term on the job training
Dental Assistants	31-9091	4,780	4,970	180	3.8	690	\$38,940	Postsecondary non-degree award	None	None
Medical Assistants	31-9092	9,830	11,030	1,190	12.1	1,450	\$37,240	Postsecondary non-degree award	None	None
								-		

		Oklaho	ma Long	-Term Occu	pational	Outlook,	2022-2032				
		Employn	nent	Employmer	nt Change	_	Median Annual	1	Education and Training Classification		
						Average Annual	Wage		Work Experience in a Related		
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴	
Medical Equipment Preparers	31-9093	770	800	30	3.5	110	\$40,890	High school diploma or equivalent	None	Moderate-term on-the-job training	
Medical Transcriptionists	31-9094	590	590	0	-0.3	100	\$28,640	Postsecondary non-degree award	None	None	
Pharmacy Aides Veterinary Assistants and Laboratory Animal Caretakers	31-9095 31-9096	1,190 1,730	1,210 2.070	10 330	1.1 19.2	210 400	\$27,850 \$30.080	High school diploma or equivalent High school diploma or equivalent	None None	Short-term on-the-job training Short-term on-the-job training	
Phlebotomists	31-9097	2,050	2,070	110	5.5	280	\$35,880	Postsecondary non-degree award	None	None	
Protective Service Occupations	33-0000	42,520	44,690	2,170	5.1	4,750	\$41,960				
Supervisors of Protective Service Workers	33-1000	4,530	4,800	270	5.9	360	N/A				
First-Line Supervisors of Correctional Officers	33-1011	560	560	0	0.7	50	\$58,000	High school diploma or equivalent	Less than 5 years	None	
First-Line Supervisors of Police and Detectives First-Line Supervisors of Firefighting and Prevention Workers	33-1012 33-1021	1,720 1.060	1,890 1.170	170 110	10.0 10.6	130 80	\$81,140 \$84.310	High school diploma or equivalent Postsecondary non-degree award	Less than 5 years Less than 5 years	Moderate-term on-the-job training Moderate-term on-the-job training	
First-line Supervisors of Security Workers	33-1091	1,030	1,000	-30	-3.2	90	\$44,960	High school diploma or equivalent	Less than 5 years	None	
First-Line Supervisors of Protective Service Workers, All Other	33-1099	160	180	10	8.0	20	\$57,560	High school diploma or equivalent	Less than 5 years	None	
Firefighting and Prevention Workers	33-2000	5,030	5,570	540	10.6	450	N/A				
Firefighters	33-2011	4,810	5,310	510	10.6	430	\$53,760	Postsecondary non-degree award	None	Long-term on-the-job training	
Fire Inspectors and Investigators Forest Fire Inspectors and Prevention Specialists	33-2021 33-2022	120 110	130 130	10 20	10.4 14.3	10 10	\$41,500 \$38,380	Postsecondary non-degree award High school diploma or equivalent	5 years or more Less than 5 years	Moderate-term on-the-job training Moderate-term on-the-job training	
Law Enforcement Workers	33-3000	16,290	17,160	870	5.3	1,410	N/A	men school alpionia of equivalent	cess than 5 years	moderate term on the job training	
Correctional Officers and Jailers	33-3012	4,880	4,740	-140	-2.9	400	\$43,690	High school diploma or equivalent	None	Moderate-term on-the-job training	
Detectives and Criminal Investigators	33-3021	1,070	1,110	40	3.9	80	\$80,080	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Fish and Game Wardens	33-3031	200	190	-10	-5.9	20	\$59,310	Bachelor's degree	None	Moderate-term on-the-job training	
Police and Sheriff's Patrol Officers Other Protective Service Workers	33-3051 33-9000	10,040 16,660	11,030 17,160	980 500	9.8 3.0	900 2,530	\$53,850 N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
Animal Control Workers	33-9011	320	360	40	10.8	2,530	\$35,510	High school diploma or equivalent	None	Moderate-term on-the-job training	
Gambling Surveillance Officers and Gambling Investigators	33-9031	1,760	1,720	-40	-2.3	230	\$31,290	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
Security Guards	33-9032	11,880	12,210	330	2.8	1,630	\$29,780	High school diploma or equivalent	None	Short-term on-the-job training	
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	33-9092	1,060	1,180	120	11.8	340	\$24,270	No formal educational credential	None	Short-term on-the-job training	
Transportation Security Screeners School Bus Monitors	33-9093 33-9094	260 530	260 500	0 -30	-0.8 -5.0	20 90	\$45,760 \$26,060	High school diploma or equivalent High school diploma or equivalent	None None	Short-term on-the-job training Short-term on-the-job training	
Protective Service Workers, All Other	33-9099	320	350	-30	9.5	100	\$44,320	High school diploma or equivalent	None	Short-term on-the-job training	
Food Preparation and Serving Related Occupations	35-0000	162,070	176,180	14,110	8.7	32,700	\$24,950	The school alpionia of equivalent	Hone	short term on the job training	
Supervisors of Food Preparation and Serving Workers	35-1000	16,300	18,310	2,010	12.4	2,710	N/A				
Chefs and Head Cooks	35-1011	750	850	100	13.8	100	\$33,090	High school diploma or equivalent	5 years or more	None	
First-Line Supervisors of Food Preparation and Serving Workers Cooks and Food Preparation Workers	35-1012 35-2000	15,550 54,800	17,460 60,140	1,910 5,340	12.3 9.7	2,600 9,360	\$34,790 N/A	High school diploma or equivalent	Less than 5 years	None	
Cooks and Food Preparation Workers	35-2000	14,550	13,570	-980	-6.7	2.010	\$24,240	No formal educational credential	None	Short-term on-the-job training	
Cooks, Institution and Cafeteria	35-2012	12,640	13,470	830	6.6	2,040	\$27,300	No formal educational credential	None	Short-term on-the-job training	
Cooks, Restaurant	35-2014	17,540	22,760	5,220	29.7	3,540	\$29,910	No formal educational credential	Less than 5 years	Moderate-term on-the-job training	
Cooks, Short Order	35-2015	2,100	2,140	50	2.1	320	\$29,640	No formal educational credential	None	Short-term on-the-job training	
Food Preparation Workers	35-2021 35-3000	7,820 77,310	8,050 82,870	230 5,560	2.9 7.2	1,430 17,640	\$28,110 N/A	No formal educational credential	None	Short-term on-the-job training	
Food and Beverage Serving Workers Bartenders	35-3000	7,310 7,110	7,800	5,560 690	9.7	1,340	\$20,590	No formal educational credential	None	Short-term on-the-job training	
Fast Food and Counter Workers	35-3023	38,730	42,310	3,580	9.3	9,610	\$22,990	No formal educational credential	None	Short-term on-the-job training	
Waiters and Waitresses	35-3031	29,510	30,600	1,090	3.7	6,330	\$19,140	No formal educational credential	None	Short-term on-the-job training	
Food Servers, Nonrestaurant	35-3041	1,970	2,170	200	10.0	360	\$23,650	No formal educational credential	None	Short-term on-the-job training	
Other Food Preparation and Serving Related Workers	35-9000	13,660	14,860	1,200	8.8	3,000	N/A				
Dining Room and Cafeteria Attendants and Bartender Helpers Dishwashers	35-9011 35-9021	4,980 4,340	5,570 4,580	600 250	12.0 5.7	1,040 790	\$23,030 \$24,050	No formal educational credential No formal educational credential	None None	Short-term on-the-job training Short-term on-the-job training	
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	35-9031	4,260	4,600	350	8.1	1,150	\$22,740	No formal educational credential	None	Short-term on-the-job training	
Food Preparation and Serving Related Workers, All Other	35-9099	90	100	10	10.9	20	N/A	No formal educational credential	None	Short-term on-the-job training	
Building and Grounds Cleaning and Maintenance Occupations	37-0000	55,830	60,400	4,560	8.2	8,250	\$29,710				
Supervisors of Building and Grounds Cleaning and Maintenance Workers	37-1000	4,630	5,020	390	8.5	560	N/A				
First-Line Supervisors of Housekeeping and Janitorial Workers First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	37-1011 37-1012	2,440 2,190	2,670 2,350	230 160	9.6 7.3	320 250	\$36,890 \$45,500	High school diploma or equivalent High school diploma or equivalent	Less than 5 years Less than 5 years	None None	
Building Cleaning and Pest Control Workers	37-2000	38,190	41,080	2,890	7.6	5,830	343,300 N/A	right school diploma of equivalent	Less than 5 years	None	
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	37-2011	23,730	25,160	1,430	6.0	3,540	\$29,310	No formal educational credential	None	Short-term on-the-job training	
Maids and Housekeeping Cleaners	37-2012	13,270	14,590	1,320	10.0	2,100	\$25,790	No formal educational credential	None	Short-term on-the-job training	
Building Cleaning Workers, All Other	37-2019	70	80	10	8.7	10	\$37,450	No formal educational credential	None	Short-term on-the-job training	
Pest Control Workers	37-2021	1,130	1,260	130	11.1	170	\$34,520	High school diploma or equivalent	None	Moderate-term on-the-job training	
Grounds Maintenance Workers Landscaping and Groundskeeping Workers	37-3000 37-3011	13,010 12,010	14,290 13,210	1,280 1,200	9.9 10.0	1,870 1,730	N/A \$34,170	No formal educational credential	None	Short-term on-the-job training	
Tree Trimmers and Pruners	37-3013	810	880	1,200	8.7	1,730	\$30,700	High school diploma or equivalent	None	Short-term on-the-job training	
Personal Care and Service Occupations	39-0000	42,880	46,070	3,190	7.4	7,940	\$27,280			, 0	
Supervisors of Personal Care and Service Workers	39-1000	3,800	4,110	310	8.2	450	N/A				
First-Line Supervisors of Gambling Services Workers	39-1013	1,140	1,160	30	2.6	130	\$55,510	High school diploma or equivalent	Less than 5 years	None	
First-line Supervisors of Entertainment And Recreation Workers, Except Gambling Services First-line Supervisors of Personal Service Workers	39-1014 39-1022	960 1,700	1,090 1,860	120 160	12.6 9.5	120 210	\$37,970 \$45,090	High school diploma or equivalent High school diploma or equivalent	Less than 5 years Less than 5 years	None None	
Animal Care and Service Workers	39-1022 39-2000	4,770	5,510	740	9.5 15.5	970	\$45,090 N/A		cess than 5 years		
Animal Trainers	39-2011	520	610	90	17.2	90	\$39,620	High school diploma or equivalent	None	Moderate-term on-the-job training	
Animal Caretakers	39-2021	4,240	4,890	650	15.3	890	\$28,030	High school diploma or equivalent	None	Short-term on-the-job training	
Entertainment Attendants and Related Workers	39-3000	5,530	5,930	410	7.3	1,450	N/A				

	Oklaho	ma Long	-Term Occu	pational	Outlook,	2022-2032	2			
		Employment		Employmen			Median	l	Education and Training Classification	
						Average	Annual Wage		Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Annual Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Gambling Dealers	39-3011	1,150	1,170	20	1.5	190	\$22,120	High school diploma or equivalent	None	Short-term on-the-job training
Gambling and Sports Book Writers and Runners	39-3012	180	180	0	-1.7	30	\$26,320	High school diploma or equivalent	None	Short-term on-the-job training
Gambling Service Workers, All Other	39-3019	320	320	0	1.3	50	\$27,010	High school diploma or equivalent	None	Short-term on-the-job training
Ushers, Lobby Attendants, and Ticket Takers	39-3031	1,030	1,090	60	5.4	310	\$20,640	No formal educational credential	None	Short-term on-the-job training
Amusement and Recreation Attendants	39-3091	2,710	3,020	310	11.5	830	\$21,810	No formal educational credential	None	Short-term on-the-job training
Locker Room, Coatroom, and Dressing Room Attendants	39-3093	110	120	20	14.0	30	\$21,990	High school diploma or equivalent	None	Short-term on-the-job training
Funeral Service Workers	39-4000	1,030	1,020	-10	-1.0	140	N/A			
Embalmers	39-4011	80	80	0	-3.7	10	\$52,000	Associate's degree	None	Long-term on-the-job training
Funeral Attendants	39-4021	600	600	-10	-1.0	90	\$30,790	High school diploma or equivalent	None	Short-term on-the-job training
Morticians, Undertakers, and Funeral Arrangers	39-4031	350	350	0	-0.3	40	\$57,820	Associate's degree	None	Long-term on-the-job training
Personal Appearance Workers	39-5000	5,710	6,070	370	6.4	810	N/A			
Barbers	39-5011	340	370	30	7.9	40	\$23,600	Postsecondary non-degree award	None	None
Hairdressers, Hairstylists, and Cosmetologists	39-5012	4,020	4,270	260	6.4	580	\$34,450	Postsecondary non-degree award	None	None
Skincare Specialists	39-5094	510	540	40	6.9	80	\$24,040	Postsecondary non-degree award	None	None
Baggage Porters, Bellhops, and Concierges	39-6000	750	830	90	11.5	130	N/A			
Baggage Porters and Bellhops	39-6011	110	130	10	11.4	20	\$24,080	High school diploma or equivalent	None	Short-term on-the-job training
Concierges	39-6012	630	710	70	11.5	110	\$27,800	High school diploma or equivalent	None	Moderate-term on-the-job training
Tour and Travel Guides	39-7000	260	290	30	11.0	60	N/A			
Tour and Travel Guides	39-7010	260	290	30	11.0	60	\$30,460	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Personal Care and Service Workers	39-9000	21,030	22,300	1,260	6.0	3,920	N/A			-
Childcare Workers	39-9011	12,340	12,450	110	0.9	2,060	\$25,890	High school diploma or equivalent	None	Short-term on-the-job training
Exercise Trainers and Group Fitness Instructors	39-9031	3,400	3,980	580	17.1	730	\$46,260	High school diploma or equivalent	None	Short-term on-the-job training
Recreation Workers	39-9032	2,930	3,210	280	9.5	650	\$29,400	High school diploma or equivalent	None	Short-term on-the-job training
Residential Advisors	39-9041	1,730	1,880	150	8.5	330	\$30,370	High school diploma or equivalent	None	Short-term on-the-job training
Personal Care and Service Workers, All Other	39-9099	630	780	140	22.4	140	N/A	High school diploma or equivalent	None	Short-term on-the-job training
Sales and Related Occupations	41-0000	169,780	173,350	3,570	2.1	22,850	\$31,170			
Supervisors of Sales Workers	41-1000	24,530	24,370	-160	-0.6	2,290	N/A			
First-Line Supervisors of Retail Sales Workers	41-1011	19,230	19,070	-150	-0.8	1,860	\$39,820	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Non-Retail Sales Workers	41-1012	5,300	5,300	0	-0.1	430	\$70,640	High school diploma or equivalent	Less than 5 years	None
Retail Sales Workers	41-2000	93,240	94,490	1,250	1.3	15,540	N/A			
Cashiers	41-2011	40,300	39,710	-600	-1.5	7,670	\$26,930	No formal educational credential	None	Short-term on-the-job training
Gambling Change Persons and Booth Cashiers	41-2012	1,940	1,790	-140	-7.3	350	\$28,330	No formal educational credential	None	Short-term on-the-job training
Counter and Rental Clerks	41-2021	3,240	3,370	120	3.8	390	\$35,020	No formal educational credential	None	Short-term on-the-job training
Parts Salespersons	41-2022	3,590	3,680	90	2.5	430	\$30,480	No formal educational credential	None	Moderate-term on-the-job training
Retail Salespersons	41-2031	44,170	45,950	1,780	4.0	6,700	\$29,190	No formal educational credential	None	Short-term on-the-job training
Sales Representatives, Services	41-3000	22,450	23,830	1,380	6.2	2,160	N/A			
Advertising Sales Agents	41-3011	900	830	-70	-8.0	80	\$58,300	High school diploma or equivalent	None	Moderate-term on-the-job training
Insurance Sales Agents	41-3021	7,330	7,920	590	8.0	660	\$47,000	High school diploma or equivalent	None	Moderate-term on-the-job training
Securities, Commodities, and Financial Services Sales Agents	41-3031	2,210	2,430	220	9.9	190	\$54,930	Bachelor's degree	None	Moderate-term on-the-job training
Travel Agents	41-3041	360	380	20	6.1	50	\$33,930	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Representatives of Services, Except Advertising, Insurance, Financial Servi	ces, and Travel 41-3091	11,640	12,270	620	5.4	1,180	\$47,430	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Representatives, Wholesale and Manufacturing	41-4000	17,180	17,850	670	3.9	1,610	N/A			, ,
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific P	roducts 41-4011	6,720	7,010	290	4.3	630	\$72,790	Bachelor's degree	None	Moderate-term on-the-job training
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scie		10,460	10,830	380	3.6	970	\$56,990	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Sales and Related Workers	41-9000	12,390	12,810	430	3.5	1,260	N/A	0		
Demonstrators and Product Promoters	41-9011	760	780	20	3.0	140	\$30,580	No formal educational credential	None	Short-term on-the-job training
Real Estate Brokers	41-9021	320	340	20	7.6	30	\$40,000	High school diploma or equivalent	Less than 5 years	None
Real Estate Sales Agents	41-9022	8,900	9,410	510	5.7	810	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
Sales Engineers	41-9031	560	580	20	3.6	50	\$102,300	Bachelor's degree	None	Moderate-term on-the-job training
Telemarketers	41-9041	990	820	-170	-17.2	110	\$29,730	No formal educational credential	None	Short-term on-the-job training
Office and Administrative Support Occupations	43-0000	244,940	235.080	-9.860	-4.0	26.080	\$38,440			
Supervisors of Office and Administrative Support Workers	43-1000	21.070	20,400	-670	-3.2	1.910	N/A			
First-Line Supervisors of Office and Administrative Support Workers	43-1011	21,070	20,400	-670	-3.2	1,910	\$58,900	High school diploma or equivalent	Less than 5 years	None
Communications Equipment Operators	43-2000	640	480	-160	-25.2	40	N/A	0	····· · · · , · · · ·	
Switchboard Operators, Including Answering Service	43-2011	560	420	-140	-25.8	30	\$31,730	High school diploma or equivalent	None	Short-term on-the-job training
Financial Clerks	43-3000	42,010	39,730	-2,280	-5.4	4,250	N/A	- · · · · · · · · · · · · · · · · · · ·		, , , , , , , , , , , , , , , ,
Bill and Account Collectors	43-3011	2,300	2,150	-150	-6.7	220	\$38,120	High school diploma or equivalent	None	Moderate-term on-the-job training
Billing and Posting Clerks	43-3021	4,870	4,820	-50	-1.0	490	\$40.020	High school diploma or equivalent	None	Moderate-term on-the-job training
Bookkeeping, Accounting, and Auditing Clerks	43-3031	23,440	22,620	-820	-3.5	2,590	\$41,900	Some college, no degree	None	Moderate-term on-the-job training
Gambling Cage Workers	43-3041	1.360	1,270	-90	-6.4	120	\$27,060	High school diploma or equivalent	None	Short-term on-the-job training
Payroll and Timekeeping Clerks	43-3051	2,640	2,260	-380	-14.4	210	\$45,220	High school diploma or equivalent	None	Moderate-term on-the-job training
Procurement Clerks	43-3051	2,040	2,200	-50	-14.4	70	\$43,220 \$48,750	High school diploma or equivalent	None	Moderate-term on-the-job training
Tellers	43-3071	6,560	5,820	-740	-11.3	560	\$30,920	High school diploma or equivalent	None	Short-term on-the-iob training
Financial Clerks, All Other	43-3099	6,560	5,820	-740	-11.5	10	\$45,900	High school diploma or equivalent	None	Short-term on-the-job training
Information and Record Clerks	43-3099 43-4000	70 71,950	70,920	-1,030	1.5 -1.4	8,960	\$45,900 N/A	men school albiotra or equivalent	NUTE	shore-term on-the-job training
Brokerage Clerks	43-4000	40	70,920	-1,030	-1.4 -8.6	8,960	N/A \$50,840	High school diploma or equivalent	None	Moderate-term on-the-job training
Brokerage Clerks Court, Municipal, and License Clerks	43-4011 43-4031	3,600	30	380	-8.6	420	\$50,840 \$36,560	High school diploma or equivalent High school diploma or equivalent	None	Long-term on-the-job training
			3,990	380						
Credit Authorizers, Checkers, and Clerks	43-4041 43-4051	180 35,670	180 34.820	-840	-1.1 -2.4	10 4,650	\$39,270 \$36,320	High school diploma or equivalent	None	Moderate-term on-the-job training
Customer Service Representatives	43-4051 43-4061	35,670 580	34,820 600	-840 30	-2.4	4,650		High school diploma or equivalent		Short-term on-the-job training
Eligibility Interviewers, Government Programs	43-4061	580	600	30	4.3	50	\$49,070	High school diploma or equivalent	None	Moderate-term on-the-job training

		Oklahoı Employn		g-Term Occupationa Employment Change		e M			ducation and Training Classification	
						Average	Annual			
						Annual	Wage		Work Experience in a Related	4
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
File Clerks	43-4071	1,940	1,690	-260	-13.3	200	\$37,270	High school diploma or equivalent	None	Short-term on-the-job training
Hotel, Motel, and Resort Desk Clerks	43-4081	3,160	3,570	410	13.0	580	\$26,780	High school diploma or equivalent	None	Short-term on-the-job training
Interviewers, Except Eligibility and Loan	43-4111	2,000	1,790	-210	-10.7	210	\$36,400	High school diploma or equivalent	None	Short-term on-the-job training
Library Assistants, Clerical	43-4121	1,250	1,230	-20	-1.7	210	\$29,050	High school diploma or equivalent	None	Short-term on-the-job training
Loan Interviewers and Clerks	43-4131	4,080	4,180	110	2.6	350	\$43,680	High school diploma or equivalent	None	Short-term on-the-job training
New Accounts Clerks Order Clerks	43-4141	1,600	1,410	-180	-11.5	120	\$37,690	High school diploma or equivalent	None	Moderate-term on-the-job training
Urder Clerks Human Resources Assistants, Except Payroll and Timekeeping	43-4151 43-4161	3,450 640	3,060 620	-390 -20	-11.4 -3.1	330 70	\$41,900 \$43,690	Some college, no degree Associate's degree	None None	Short-term on-the-job training None
Receptionists and Information Clerks	43-4101	11,200	11,050	-20	-3.1	1,460	\$43,890 \$31,300	High school diploma or equivalent	None	Short-term on-the-job training
Information and Record Clerks, All Other	43-4199	1.440	1,470	40	2.7	170	\$45,480	High school diploma or equivalent	None	Short-term on-the-job training
Material Recording, Scheduling, Dispatching, and Distributing Workers	43-5000	32,110	32,030	-80	-0.3	3,110	N/A	5 ···· · · · · · · · · · · · · · · · ·		
Cargo and Freight Agents	43-5011	440	480	40	8.6	50	\$49,040	High school diploma or equivalent	None	Short-term on-the-job training
Couriers and Messengers	43-5021	4,840	4,890	40	0.9	520	\$36,490	High school diploma or equivalent	None	Short-term on-the-job training
Public Safety Telecommunicators	43-5031	1,980	2,170	190	9.7	230	\$35,040	High school diploma or equivalent	None	Moderate-term on-the-job training
Dispatchers, Except Police, Fire, and Ambulance	43-5032	2,530	2,570	50	1.8	240	\$46,360	High school diploma or equivalent	None	Moderate-term on-the-job training
Meter Readers, Utilities	43-5041	530	500	-30	-5.6	40	\$34,840	High school diploma or equivalent	None	Short-term on-the-job training
Postal Service Clerks	43-5051	1,040	1,020	-20	-1.6	90	\$57,530	No formal educational credential	None	Short-term on-the-job training
Postal Service Mail Carriers	43-5052	3,950	3,880	-70	-1.7	290	\$56,330	No formal educational credential	None	Short-term on-the-job training
Postal Service Mail Sorters, Processors, and Processing Machine Operators Production, Planning, and Expediting Clerks	43-5053 43-5061	780 5,860	730 6,140	-50 280	-6.7 4.8	60 640	\$53,440 \$49,180	No formal educational credential High school diploma or equivalent	None None	Short-term on-the-job training Moderate-term on-the-iob training
Shipping, Receiving, and Inventory Clerks	43-5061 43-5071	5,860 9,570	6,140 9,050	-520	4.8 -5.4	640 890	\$49,180 \$37,810	High school diploma or equivalent High school diploma or equivalent	None	Short-term on-the-job training
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	580	590	-320	-3.4	70	\$39,460	High school diploma or equivalent	None	Short-term on-the-job training
Secretaries and Administrative Assistants	43-6000	43.550	39.970	-3.580	-8.2	4.170	\$35,400 N/A	right school diploma of equivalent	None	Short-term on-the-job training
Executive Secretaries and Executive Administrative Assistants	43-6011	4,070	3,230	-840	-20.7	290	\$57,120	High school diploma or equivalent	Less than 5 years	None
Legal Secretaries and Administrative Assistants	43-6012	1,770	1,430	-350	-19.5	150	\$46,650	High school diploma or equivalent	None	Moderate-term on-the-job training
Medical Secretaries and Administrative Assistants	43-6013	9,640	10,130	490	5.1	1,070	\$36,690	High school diploma or equivalent	None	Moderate-term on-the-job training
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	43-6014	28,060	25,180	-2,880	-10.3	2,660	\$37,510	High school diploma or equivalent	None	Short-term on-the-job training
Other Office and Administrative Support Workers	43-9000	33,630	31,560	-2,070	-6.2	3,630	N/A			
Data Entry Keyers	43-9021	2,020	1,510	-500	-24.9	150	\$35,960	High school diploma or equivalent	None	Short-term on-the-job training
Desktop Publishers	43-9031	170	140	-30	-18.8	10	\$43,370	Associate's degree	None	Short-term on-the-job training
Insurance Claims and Policy Processing Clerks	43-9041	1,610	1,550	-60	-3.9	140	\$47,130	High school diploma or equivalent	None	Moderate-term on-the-job training
Mail Clerks and Mail Machine Operators, Except Postal Service	43-9051	710	700	-10	-1.0	90	\$34,200	High school diploma or equivalent	None	Short-term on-the-job training
Office Clerks, General	43-9061 43-9071	27,710 440	26,460 390	-1,250 -60	-4.5 -12.7	3,100	\$34,840 \$34.610	High school diploma or equivalent	None	Short-term on-the-job training
Office Machine Operators, Except Computer Proofreaders and Copy Markers	43-9071 43-9081	440 90	390	-60	-12.7 -14.1	50 10	\$34,610 \$34,820	High school diploma or equivalent Bachelor's degree	None None	Short-term on-the-job training None
Statistical Assistants	43-9081	80	70	-10	-14.1	10	\$50,170	Bachelor's degree	None	None
Office and Administrative Support Workers, All Other	43-9199	560	490	-10	-11.2	50	\$46,220	High school diploma or equivalent	None	Short-term on-the-job training
Farming, Fishing, and Forestry Occupations	45-0000	14,640	14,500	-140	-1.0	2,120	\$35,170	righ scrool alpiona of equivalent	Hone	shore term on the job training
Supervisors of Farming, Fishing, and Forestry Workers	45-1000	900	930	30	3.0	120	N/A			
First-Line Supervisors of Farming, Fishing, and Forestry Workers	45-1011	900	930	30	3.0	120	\$70,890	High school diploma or equivalent	Less than 5 years	None
Agricultural Workers	45-2000	13,230	13,070	-160	-1.2	1,930	N/A			
Agricultural Inspectors	45-2011	740	760	20	2.8	120	\$44,710	Bachelor's degree	None	Moderate-term on-the-job training
Animal Breeders	45-2021	230	240	10	4.0	40	N/A	High school diploma or equivalent	None	Short-term on-the-job training
Graders and Sorters, Agricultural Products	45-2041	360	340	-20	-5.6	50	\$32,860	No formal educational credential	None	Short-term on-the-job training
Agricultural Equipment Operators	45-2091	1,020	1,090	80	7.5	160	\$41,370	No formal educational credential	None	Moderate-term on-the-job training
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	45-2092	6,320	6,180	-140	-2.2	910	\$33,360	No formal educational credential	None	Short-term on-the-job training
Farmworkers, Farm, Ranch, and Aquacultural Animals	45-2093	4,320	4,200	-110	-2.6	620	\$33,790	No formal educational credential	None	Short-term on-the-job training
Agricultural Workers, All Other	45-2099 45-4000	260 510	260 510	0	1.2	40	\$35,170	No formal educational credential	None	Short-term on-the-job training
Forest, Conservation, and Logging Workers Logging Equipment Operators	45-4000	370	370	- 10 0	- 1.4 -0.3	70 50	N/A \$36,750	Utab sabaal dialama ay ay juglant	None	Moderate-term on-the-job training
Construction and Extraction Occupations	45-4022 47-0000	93,040	99.080	6,040	-0.5	8,940	\$30,750 \$47,220	High school diploma or equivalent	None	woderate-term on-the-job training
Supervisors of Construction and Extraction Workers	47-1000	10.690	11.480	790	7.4	950	347,220 N/A			
First-Line Supervisors of Construction Trades and Extraction Workers	47-1011	10,690	11,480	790	7.4	950	\$71,850	High school diploma or equivalent	5 years or more	None
Construction Trades Workers	47-2000	60,800	64,450	3,650	6.0	5,590	N/A	right senser alphonia of equivalent	s years of more	Hone
Brickmasons and Blockmasons	47-2021	560	580	20	3.1	50	\$49,180	High school diploma or equivalent	None	Apprenticeship
Stonemasons	47-2022	80	70	0	-4.0	10	N/A	High school diploma or equivalent	None	Apprenticeship
Carpenters	47-2031	6,730	7,180	450	6.8	610	\$46,180	High school diploma or equivalent	None	Apprenticeship
Carpet Installers	47-2041	300	290	-20	-5.9	20	\$37,550	No formal educational credential	None	Short-term on-the-job training
Tile and Stone Setters	47-2044	410	450	40	9.2	40	\$39,980	No formal educational credential	None	Long-term on-the-job training
Cement Masons and Concrete Finishers	47-2051	2,740	2,740	10	0.2	200	\$43,930	No formal educational credential	None	Moderate-term on-the-job training
Construction Laborers	47-2061	15,480	16,670	1,200	7.7	1,490	\$37,840	No formal educational credential	None	Short-term on-the-job training
Paving, Surfacing, and Tamping Equipment Operators	47-2071	800	820	20	2.4	70	\$46,110	High school diploma or equivalent	None	Moderate-term on-the-job training
Operating Engineers and Other Construction Equipment Operators	47-2073 47-2081	6,770	7,170	400	5.9	620	\$46,230	High school diploma or equivalent	None	Moderate-term on-the-job training
		500	520	20	4.6 9.0	40 880	\$46,380 \$57,750	No formal educational credential High school diploma or equivalent	None None	Moderate-term on-the-job training
Drywall and Ceiling Tile Installers										
Drywall and Ceiling Tile Installers Electricians	47-2111	8,780	9,570	790						Apprenticeship
Drywall and Ceiling Tile Installers Electricians Glaziers	47-2111 47-2121	400	430	20	5.5	40	\$41,620	High school diploma or equivalent	None	Apprenticeship
Drywall and Ceiling Tile Installers Electricians Glaziers Insulation Workers, Floor, Ceiling, and Wall	47-2111 47-2121 47-2131	400 670	430 700	20 30	5.5 3.7	40 50	\$41,620 \$37,550	High school diploma or equivalent No formal educational credential	None None	Apprenticeship Short-term on-the-job training
Drywall and Ceiling Tile Installers Electricians Glaziers	47-2111 47-2121	400	430	20	5.5	40	\$41,620	High school diploma or equivalent	None	Apprenticeship

		Employn	nent	Employment Ch			2022-2032 Median		Education and Training Classification	
		Employi	ient	Employment Ch	lange	-	Annual		Education and Training classification	
						Average			Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric Pe	rcent	Annual Openings	Wage 2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Traini
occupation rate	500 0000	LULL	2052	Numerie re	ireent	Opennigs	2025		occupation	Typical on the job train
Pipelayers	47-2151	730	750	20	2.1	60	\$45,160	No formal educational credential	None	Short-term on-the-job train
Plumbers, Pipefitters, and Steamfitters	47-2152	6,370	6,700	330	5.2	590	\$54,660	High school diploma or equivalent	None	Apprenticeship
Roofers	47-2181	1,230	1,290	60	5.1	100	\$41,000	No formal educational credential	None	Moderate-term on-the-jo
Sheet Metal Workers	47-2211	3,100	3,110	20	0.6	280	\$61,340	High school diploma or equivalent	None	Apprenticeship
Structural Iron and Steel Workers	47-2221	1,240	1,330	90	7.4	120	\$45,790	High school diploma or equivalent	None	Apprenticeship
lelpers, Construction Trades	47-3000	3,430	3,470	30	1.0	380	N/A			
HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	47-3011	120	110	-10	-10.2	10	\$37,250	No formal educational credential	None	Short-term on-the-job tra
HelpersElectricians	47-3013	1,600	1,570	-30	-2.0	170	\$37,510	High school diploma or equivalent	None	Short-term on-the-job tra
HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	47-3015	1,310	1,370	70	5.0	150	\$37,700	High school diploma or equivalent	None	Short-term on-the-job tra
ther Construction and Related Workers	47-4000	7,460	8,170	710	9.6	800	N/A			
Construction and Building Inspectors	47-4011	1,710	1,770	60	3.5	200	\$54,940	High school diploma or equivalent	5 years or more	Moderate-term on-the-jo
Elevator and Escalator Installers and Repairers	47-4021	250 300	250	10 10	2.8 2.7	20 30	\$93,540	High school diploma or equivalent	None	Apprenticeship
Fence Erectors	47-4031		310				\$38,620	No formal educational credential	None	Moderate-term on-the-jo
Hazardous Materials Removal Workers	47-4041	290	280	-10	-3.5	30	\$40,180	High school diploma or equivalent	None	Moderate-term on-the-jo
Highway Maintenance Workers	47-4051	3,630	4,210	580	15.9	410	\$37,850	High school diploma or equivalent	None	Moderate-term on-the-jo
Rail-Track Laying and Maintenance Equipment Operators	47-4061	400	400	0	0.3	30	\$72,590	High school diploma or equivalent	None	Moderate-term on-the-jo
Septic Tank Servicers and Sewer Pipe Cleaners	47-4071	800	870	70	8.8	80	\$37,320	High school diploma or equivalent	None	Moderate-term on-the-jo
Miscellaneous Construction and Related Workers	47-4090	80	80	0	1.3	10	\$37,900	High school diploma or equivalent	None	Moderate-term on-the-jo
xtraction Workers	47-5000	10,650	11,510 540	860 40	8.0	1,210	N/A	No formal advanta da da da	News	Characterization of the C
Derrick Operators, Oil and Gas	47-5011	500			7.2	60	\$54,690	No formal educational credential	None	Short-term on-the-job tra
Rotary Drill Operators, Oil and Gas	47-5012	1,930	2,090	160	8.1	220	\$59,130	No formal educational credential	None	Moderate-term on-the-jo
Service Unit Operators, Oil and Gas	47-5013	2,960 240	3,200	230	7.9	340	\$49,700	No formal educational credential	None	Moderate-term on-the-jo
Excavating and Loading Machine and Dragline Operators, Surface Mining	47-5022		240	0	1.3	20	\$43,980	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-jo
Earth Drillers, Except Oil and Gas	47-5023	50	60	10	10.0	10	\$48,220	High school diploma or equivalent	Less than 5 years	Long-term on-the-job trai
Explosives Workers, Ordnance Handling Experts, and Blasters	47-5032	440	440	0	-0.7	40	\$53,500	High school diploma or equivalent	Less than 5 years	Long-term on-the-job trai
Rock Splitters, Quarry	47-5051	160	180	20	11.7	20	\$33,210	No formal educational credential	None	Short-term on-the-job tra
Roustabouts, Oil and Gas HelpersExtraction Workers	47-5071 47-5081	3,610 440	3,970 490	360 50	10.1 10.9	420	\$46,010 \$55,100	No formal educational credential High school diploma or equivalent	None	Moderate-term on-the-jo
						60	+		None	Moderate-term on-the-jo
Extraction Workers, All Other	47-5099	60	70	10	10.9	10	\$52,720	High school diploma or equivalent	None	Moderate-term on-the-jo
Ilation, Maintenance, and Repair Occupations	49-0000	89,090	94,600	5,510 400	6.2	8,460	\$49,030			
upervisors of Installation, Maintenance, and Repair Workers	49-1000	7,980	8,380		5.0	710	N/A			
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011 49-2000	7,980	8,380 6.380	400 260	5.0 4.3	710	\$71,940	High school diploma or equivalent	Less than 5 years	None
lectrical and Electronic Equipment Mechanics, Installers, and Repairers		6,110	-,			610	N/A	Constant la constant de consta	News	Chart to an about the table
Computer, Automated Teller, and Office Machine Repairers Radio, Cellular, and Tower Equipment Installers and Repairers	49-2011 49-2021	950 220	900 230	-50 20	-4.7 7.4	90 20	\$38,810 \$41,630	Some college, no degree Associate's degree	None None	Short-term on-the-job tra Moderate-term on-the-io
Telecommunications Equipment Installers and Repairers, Except Line Installers Avionics Technicians	49-2022	1,680	1,840 520	160	9.4 2.0	190	\$57,050	Postsecondary non-degree award	None	Moderate-term on-the-jo None
Avionics Technicians Electric Motor, Power Tool, and Related Renairers	49-2091 49-2092	510 250	270	10 20	2.0	50 20	\$63,670 \$35,780	Associate's degree	None Less than 5 years	
Electric Motor, Power 1001, and Related Repairers Electrical and Electronics Repairers. Commercial and Industrial Equipment	49-2092	1,010	1,010	-10	-0.6	20 80	\$65,520	High school diploma or equivalent Postsecondary non-degree award		Moderate-term on-the-jo Long-term on-the-iob trai
				-10 20		80 40			None	
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095	380	400		5.0		\$84,580	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-jo
Security and Fire Alarm Systems Installers	49-2098 49-3000	830 29.050	930 30.070	100 1,010	12.0	100 2.560	\$49,930	High school diploma or equivalent	None	Moderate-term on-the-jo
ehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3000	6,340		200	3.5	2,560 480	N/A \$67.420	Destaura des ser destaura d	News	
Aircraft Mechanics and Service Technicians		-)	6,540		3.1		++	Postsecondary non-degree award	None	None
Automotive Body and Related Repairers	49-3021	2,220	2,230	10	0.6	190	\$44,340	High school diploma or equivalent	None	Long-term on-the-job tra
Automotive Glass Installers and Repairers	49-3022	100	100	0	1.0	10	\$41,600	High school diploma or equivalent	None	Moderate-term on-the-jo
Automotive Service Technicians and Mechanics	49-3023	10,090	10,360	270	2.7	890	\$42,070	Postsecondary non-degree award	None	Short-term on-the-job tra
Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	3,960	4,100	140	3.6	350	\$49,810	High school diploma or equivalent	None	Long-term on-the-job tra
Farm Equipment Mechanics and Service Technicians	49-3041	710	800	80	11.8	70	\$45,070	High school diploma or equivalent	None	Long-term on-the-job tra
Mobile Heavy Equipment Mechanics, Except Engines	49-3042	2,650	2,840	190	7.3	240	\$54,740	High school diploma or equivalent	None	Long-term on-the-job tra
Rail Car Repairers	49-3043	110	110	0	0.0	10	\$47,730	High school diploma or equivalent	None	Long-term on-the-job trai
Motorboat Mechanics and Service Technicians	49-3051	230 260	250 260	20 10	8.2 2.3	30 30	\$37,440	High school diploma or equivalent	None	Long-term on-the-job trai
Motorcycle Mechanics	49-3052						\$39,420	Postsecondary non-degree award	None	Short-term on-the-job tra
Outdoor Power Equipment and Other Small Engine Mechanics	49-3053	470	500	30	5.7	50	\$43,330	High school diploma or equivalent	None	Moderate-term on-the-jo
Bicycle Repairers	49-3091	90	100	10	11.5	10	\$36,230	High school diploma or equivalent	None	Moderate-term on-the-jo
Recreational Vehicle Service Technicians	49-3092	210	230	20	10.2	30	\$47,260	High school diploma or equivalent	None	Long-term on-the-job tra
Tire Repairers and Changers	49-3093	1,640	1,670	30	2.0	190	\$31,970	High school diploma or equivalent	None	Short-term on-the-job tra
ther Installation, Maintenance, and Repair Occupations	49-9000	45,940	49,780	3,840	8.4	4,580	N/A	trade as to a trade to the terms of ter	News	• • • • • • • • • • • • • • • • •
Control and Valve Installers and Repairers, Except Mechanical Door	49-9012	1,330	1,410	80	5.6	110	\$66,000	High school diploma or equivalent	None	Moderate-term on-the-jo
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	5,990	6,450	460	7.7	560	\$48,780	Postsecondary non-degree award	None	Long-term on-the-job trai
Home Appliance Repairers	49-9031	430	440	10	2.6	40	\$38,780	High school diploma or equivalent	None	Moderate-term on-the-jo
Industrial Machinery Mechanics	49-9041	4,740	5,510	770	16.2	470	\$60,260	High school diploma or equivalent	None	Long-term on-the-job trai
Maintenance Workers, Machinery	49-9043	3,580	3,880	300	8.4	380	\$58,800	High school diploma or equivalent	None	Long-term on-the-job trai
Millwrights	49-9044	80	90	0	4.9	10	\$60,220	High school diploma or equivalent	None	Apprenticeship
Electrical Power-Line Installers and Repairers	49-9051	2,180	2,350	170	7.8	190	\$62,960	High school diploma or equivalent	None	Long-term on-the-job trai
Telecommunications Line Installers and Repairers	49-9052	1,550	1,690	130	8.6	160	\$53,110	High school diploma or equivalent	None	Long-term on-the-job trai
Medical Equipment Repairers	49-9062	460	510	50	10.3	50	\$45,070	Associate's degree	None	Moderate-term on-the-jo
Musical Instrument Repairers and Tuners	49-9063	60	50	-10	-8.6	10	N/A	High school diploma or equivalent	None	Apprenticeship
Precision Instrument and Equipment Repairers, All Other	49-9069	100	90	0	-3.2	10	\$66,620	High school diploma or equivalent	None	Long-term on-the-job tra
Maintenance and Repair Workers, General	49-9071	19,700	21,050	1,340	6.8	1,960	\$37,890	High school diploma or equivalent	None	Moderate-term on-the-jo
Maintenance and Repair Workers, General										Long-term on-the-job trai

		Oklahor Employm		-Term Occ Employme					ducation and Training Classification	
						Average	Annual Wage		Work Experience in a Related	
Occupation Title	SOC Code	2022	2032	Numeric	Percent	Annual Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	1,540	1,560	20	1.1	170	\$36,240	High school diploma or equivalent	None	Short-term on-the-job training
Locksmiths and Safe Repairers	49-9094	100	100	-10	-7.7	10	\$50,240	High school diploma or equivalent	None	Long-term on-the-job training
Manufactured Building and Mobile Home Installers	49-9095	170	140	-30	-16.1	10	\$26,390	High school diploma or equivalent	None	Short-term on-the-job training
Riggers	49-9096	200	220	10	5.4	20	\$46,540	High school diploma or equivalent	None	Moderate-term on-the-job training
Signal and Track Switch Repairers	49-9097 49-9098	130 1.130	140 1.180	0 50	2.3	10 130	N/A \$34.970	High school diploma or equivalent	None	Moderate-term on-the-job training
HelpersInstallation, Maintenance, and Repair Workers Installation, Maintenance, and Repair Workers, All Other	49-9098 49-9099	1,130	1,180 1,380	50 60	4.3	130 130	\$34,970 \$45,200	High school diploma or equivalent High school diploma or equivalent	None None	Short-term on-the-job training Moderate-term on-the-job training
Production Occupations	49-9099 51-0000	1,320 99,050	1,380 98,130	-920	4.6 - 0.9	130 10,310	\$45,200 \$41,450	High school diploma or equivalent	None	woderate-term on-the-job training
Supervisors of Production Workers	51-0000	8,870	98,130	-920	-0.9	10,310 850	\$41,450 N/A			
First-Line Supervisors of Production and Operating Workers	51-1011	8,870	9,090	230	2.6	850	\$65,570	High school diploma or equivalent	Less than 5 years	None
Assemblers and Fabricators	51-2000	16,230	15,430	-800	-4.9	1,600	N/A	···0· ·····	,,	
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-2011	500	440	-70	-13.0	40	\$47,770	High school diploma or equivalent	None	Moderate-term on-the-job training
Coil Winders, Tapers, and Finishers	51-2021	190	160	-40	-18.3	20	\$39,700	High school diploma or equivalent	None	Moderate-term on-the-job training
Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Fir	ni 51-2028	2,040	2,120	90	4.3	230	\$39,070	High school diploma or equivalent	None	Moderate-term on-the-job training
Engine and Other Machine Assemblers	51-2031	290	250	-40	-13.7	30	\$45,910	High school diploma or equivalent	None	Moderate-term on-the-job training
Structural Metal Fabricators and Fitters	51-2041	690	570	-120	-17.4	50	\$44,410	High school diploma or equivalent	None	Moderate-term on-the-job training
Miscellaneous Assemblers and Fabricators	51-2090	12,340	11,710	-620	-5.0	1,210	\$37,620	High school diploma or equivalent	None	Moderate-term on-the-job training
Food Processing Workers	51-3000	8,930	9,310	380	4.3	1,220	N/A	Ma ferreral education in the State	News	
Bakers Butchers and Meat Cutters	51-3011 51-3021	1,980 1.410	2,140	170 40	8.4 2.9	320 170	\$29,190 \$29.640	No formal educational credential No formal educational credential	None None	Moderate-term on-the-job training
Meat, Poultry, and Fish Cutters and Trimmers	51-3021	1,410	1,450 1,480	40	2.9	170	\$29,640 \$33,360	No formal educational credential No formal educational credential	None	Long-term on-the-job training Short-term on-the-job training
Slaughterers and Meat Packers	51-3022	1,450	1,480	0	0.2	220	\$55,560 N/A	No formal educational credential	None	Short-term on-the-job training
Food Batchmakers	51-3023	910	980	70	7.9	150	\$31.810	High school diploma or equivalent	None	Moderate-term on-the-job training
Food Cooking Machine Operators and Tenders	51-3093	550	570	20	3.1	80	\$37,390	High school diploma or equivalent	None	Moderate-term on-the-job training
Metal Workers and Plastic Workers	51-4000	21,490	21,450	-50	-0.2	2,080	N/A			
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4021	680	670	-10	-1.5	70	\$39,180	High school diploma or equivalent	None	Moderate-term on-the-job training
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	51-4023	140	130	-10	-5.1	10	\$37,790	High school diploma or equivalent	None	Moderate-term on-the-job training
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	1,360	1,250	-110	-8.3	120	\$37,750	High school diploma or equivalent	None	Moderate-term on-the-job training
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4032	90	70	-20	-18.6	10	\$46,700	High school diploma or equivalent	None	Moderate-term on-the-job training
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Met		520	470	-50	-9.1	50	\$38,210	High school diploma or equivalent	None	Moderate-term on-the-job training
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4034	420	380	-40	-8.7	50	\$53,100	High school diploma or equivalent	None	Moderate-term on-the-job training
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4035	140	130	-20	-11.1	20	\$36,650	High school diploma or equivalent	None	Moderate-term on-the-job training
Machinists	51-4041	3,760	3,840	80	2.2	380	\$49,910	High school diploma or equivalent	None	Long-term on-the-job training
Metal-Refining Furnace Operators and Tenders Foundry Mold and Coremakers	51-4051 51-4071	110 130	110 100	0 -20	-0.9 -18.4	10 10	\$44,900 \$34,180	High school diploma or equivalent High school diploma or equivalent	None	Moderate-term on-the-job training
Foundry Mold and Coremakers Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plast		1.350	1.310	-20	-18.4	10	\$34,180 \$35,700	High school diploma or equivalent High school diploma or equivalent	None	Moderate-term on-the-job training Moderate-term on-the-job training
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4072	2,000	2,040	-40	-2.7	200	\$39,350	High school diploma or equivalent	None	Moderate-term on-the-job training
Tool and Die Makers	51-4081	2,000	2,040	-10	-3.2	200	\$63,970	Postsecondary non-degree award	None	Long-term on-the-job training
Welders, Cutters, Solderers, and Brazers	51-4121	9,520	9,740	220	2.3	950	\$47,180	High school diploma or equivalent	None	Moderate-term on-the-job training
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	51-4122	260	240	-10	-5.5	20	\$41,660	High school diploma or equivalent	None	Moderate-term on-the-job training
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-4191	200	180	-10	-6.6	20	\$39,260	High school diploma or equivalent	None	Moderate-term on-the-job training
Plating Machine Setters, Operators, and Tenders, Metal and Plastic	51-4193	250	220	-30	-11.3	20	\$50,390	High school diploma or equivalent	None	Moderate-term on-the-job training
Metal Workers and Plastic Workers, All Other	51-4199	130	120	-10	-9.0	10	\$44,850	High school diploma or equivalent	None	Moderate-term on-the-job training
Printing Workers	51-5100	1,790	1,680	-110	-6.1	170	N/A			
Prepress Technicians and Workers	51-5111	160	150	-10	-8.1	20	\$29,120	Postsecondary non-degree award	None	None
Printing Press Operators	51-5112	1,430	1,350	-70	-5.2	140	\$33,470	High school diploma or equivalent	None	Moderate-term on-the-job training
Print Binding and Finishing Workers	51-5113	200	180	-20	-10.8	20	\$35,790	High school diploma or equivalent	None	Moderate-term on-the-job training
Textile, Apparel, and Furnishings Workers	51-6000	4,820	4,620	-200	-4.2	580	N/A			
Laundry and Dry-Cleaning Workers	51-6011	3,000	3,020	20	0.6	410	\$26,460	No formal educational credential	None	Short-term on-the-job training
Pressers, Textile, Garment, and Related Materials	51-6021	250 960	190 840	-70	-25.7	20	\$26,510	No formal educational credential	None	Short-term on-the-job training
Sewing Machine Operators Tailors, Dressmakers, and Custom Sewers	51-6031 51-6052	960 130	840 110	-110 -20	-11.9 -12.0	90 10	\$30,510 \$37,210	No formal educational credential No formal educational credential	None	Short-term on-the-job training Moderate-term on-the-job training
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers		130	110	-20	-12.0	10	\$37,210	High school diploma or equivalent	None	Moderate-term on-the-job training
Upholsterers	51-6093	140	140	0	0.7	10	\$37,780	High school diploma or equivalent	None	Moderate-term on-the-job training
Textile, Apparel, and Furnishings Workers, All Other	51-6099	140	90	-10	-11.3	10	\$37,210	High school diploma or equivalent	None	Short-term on-the-job training
Woodworkers	51-7000	1,960	2,010	50	2.5	210	N/A	ingit select alpionia of equivalent	None	Shore term on the job training
Cabinetmakers and Bench Carpenters	51-7011	1,080	1,110	30	2.9	110	\$35,880	High school diploma or equivalent	None	Moderate-term on-the-job training
Furniture Finishers	51-7021	180	200	20	11.1	20	\$36,620	High school diploma or equivalent	None	Short-term on-the-job training
Sawing Machine Setters, Operators, and Tenders, Wood	51-7041	270	270	0	1.5	30	\$38,030	High school diploma or equivalent	None	Moderate-term on-the-job training
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	51-7042	280	280	0	-0.4	30	\$35,670	High school diploma or equivalent	None	Moderate-term on-the-job training
Woodworkers, All Other	51-7099	150	140	-10	-3.4	20	\$51,500	High school diploma or equivalent	None	Moderate-term on-the-job training
Plant and System Operators	51-8000	6,100	6,120	20	0.4	560	N/A			
Power Plant Operators	51-8013	270	250	-20	-6.3	20	\$75,920	High school diploma or equivalent	None	Long-term on-the-job training
Stationary Engineers and Boiler Operators	51-8021	270	270	0	-1.5	30	\$62,960	High school diploma or equivalent	None	Long-term on-the-job training
Water and Wastewater Treatment Plant and System Operators	51-8031	2,760	2,750	-10	-0.4	260	\$38,250	High school diploma or equivalent	None	Long-term on-the-job training
Gas Plant Operators	51-8092	500	490	-10	-2.8	40	\$79,050	High school diploma or equivalent	None	Long-term on-the-job training
Petroleum Pump System Operators, Refinery Operators, and Gaugers	51-8093	2,100	2,170	70	3.2	200	\$86,880	High school diploma or equivalent	None	Moderate-term on-the-job training
Plant and System Operators, All Other	51-8099	110	100	0	-1.0	10	\$53,250	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Production Occupations	51-9000	28,860	28,420	-440 -50	-1.5	3,040	N/A	19-based at the second second second	News	Made and a second second second second
Chemical Equipment Operators and Tenders	51-9011	1,000	950	-50	-4.7	90	\$53,910	High school diploma or equivalent	None	Moderate-term on-the-job training

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Normal Normal<			Employn	nent	Employment	t Change		Median		Education and Training Classification	
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Secure of here, farty, farty, farty farty, fa							Annual	Wage			
International particulations, general methods 1-302 1-30 1	Occupation Title	SOC Code	2022	2032	Numeric	Percent	Openings	2023 ¹	Typical Entry-Level Education ²	Occupation ³	Typical on-the-job Training ⁴
Change fielding, wind heads, wind heads, mail and heads 1.100 1.100 1.00 0.00	Senarating Eiltering Clarifying Precipitating and Still Machine Setters Operators and Ter	de 51-0012	620	620	0	-0.2	60	\$49 520	High school diploma or equivalent	None	Moderate-term on the job training
Index of Markey Moders, needs 1102 1102 1102 1203 More and Markey Moders. Mo											
Image of biologing when is elerging when is elergin											
Index and Tommen, Namb 4 9 1 9 2000 Noting duark based members based memb											
Charge at Sing Machine Sing, Source and Teals 61.000 7.00											
International property devices and reasons on the least on t											Moderate-term on-the-job training
Image: Kin, Ser., S	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	610	620	10	1.3	60	\$42,100	High school diploma or equivalent	None	Moderate-term on-the-job training
Interimant 51-001 150 150 150 </td <td></td> <td>51-9051</td> <td>230</td> <td>230</td> <td>0</td> <td>-0.4</td> <td></td> <td>\$39,630</td> <td></td> <td>None</td> <td>Moderate-term on-the-job training</td>		51-9051	230	230	0	-0.4		\$39,630		None	Moderate-term on-the-job training
Indit laboraty lenkins 51-088 310 310 310 310 310 3100 </td <td>Inspectors, Testers, Sorters, Samplers, and Weighers</td> <td>51-9061</td> <td>6,220</td> <td>6,030</td> <td>-200</td> <td>-3.2</td> <td>680</td> <td>\$49,330</td> <td>High school diploma or equivalent</td> <td>None</td> <td>Moderate-term on-the-job training</td>	Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	6,220	6,030	-200	-3.2	680	\$49,330	High school diploma or equivalent	None	Moderate-term on-the-job training
Index Appliance Tentoms 51-680 52-	Jewelers and Precious Stone and Metal Workers	51-9071	150	150	0	-1.3	20	\$52,000	High school diploma or equivalent	None	Long-term on-the-job training
OphAtamic Laborator, Taborator, and Lenders 51-08 700 710 <td>Dental Laboratory Technicians</td> <td>51-9081</td> <td>370</td> <td>360</td> <td>-10</td> <td>-3.5</td> <td>40</td> <td>\$50,310</td> <td>High school diploma or equivalent</td> <td>None</td> <td>Moderate-term on-the-job training</td>	Dental Laboratory Technicians	51-9081	370	360	-10	-3.5	40	\$50,310	High school diploma or equivalent	None	Moderate-term on-the-job training
Photo Photo <th< td=""><td>Medical Appliance Technicians</td><td>51-9082</td><td>50</td><td>50</td><td>0</td><td>2.0</td><td>10</td><td>\$39,070</td><td>High school diploma or equivalent</td><td>None</td><td>Moderate-term on-the-job training</td></th<>	Medical Appliance Technicians	51-9082	50	50	0	2.0	10	\$39,070	High school diploma or equivalent	None	Moderate-term on-the-job training
Photon Control Second space None Method space Me	Ophthalmic Laboratory Technicians	51-9083	320	330	10	3.8	40	\$34,650	High school diploma or equivalent	None	Moderate-term on-the-job training
Caray, Tanking, and Spring, and Tenders 1:12 1:10 1:00 <td>Packaging and Filling Machine Operators and Tenders</td> <td>51-9111</td> <td>2,990</td> <td>3,140</td> <td>150</td> <td>5.2</td> <td>340</td> <td>\$36,260</td> <td>High school diploma or equivalent</td> <td>None</td> <td>Moderate-term on-the-job training</td>	Packaging and Filling Machine Operators and Tenders	51-9111	2,990	3,140	150	5.2	340	\$36,260	High school diploma or equivalent	None	Moderate-term on-the-job training
Compare Numerical Control None Moderale term on heigh bit Compare Numerical Control 51420 7.10 7.00 7.00 7.00 7.00 Moderale term on heigh bit Compare Numerical Control 7.00 7.00 7.00 7.00 Moderale term on heigh bit Compare Numerical Control 7.00 7.00 7.00 7.00 Moderale term on heigh bit Page Conf. Machine Sterms, Daratine, Congret Numerica 5.119 7.00 7.00 7.00 Moderale term on heigh bit Page Conf. Machine Sterms, Daratine, Congret Numerica 5.119 7.00 7.00 7.00 7.00 7.00 7.00 Moderale term on heigh bit Moderale term on heigh bit 7.00 7.00 7.00 7.00 7.00 7.00 Moderale term on heigh bit Moderale term on heigh bit 7.00	Painting, Coating, and Decorating Workers	51-9123	150	150	0	1.4	10	\$36,310	No formal educational credential	None	Moderate-term on-the-job training
Computer Numerical's Controller To Programmers151070 </td <td>Coating, Painting, and Spraying Machine Setters, Operators, and Tenders</td> <td>51-9124</td> <td>2,190</td> <td>2,230</td> <td>30</td> <td>1.6</td> <td>200</td> <td>\$42,290</td> <td>High school diploma or equivalent</td> <td>None</td> <td>Moderate-term on-the-job training</td>	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	51-9124	2,190	2,230	30	1.6	200	\$42,290	High school diploma or equivalent	None	Moderate-term on-the-job training
Alphabe bonding Matimi Departors and Tenders 51-512 60 60 61 2 50 N/A High school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales More Moderate terms or heigh base of the school dipolans or equivales Moderate terms or heigh base of the school dipolans or equivales Moderate terms or heigh base of the school dipolans or equivales Moderate terms or heigh base of the school dipolans or equivales Moderate terms or heigh base of the school dipolans or equivales Moderate terms or heigh base of the school dipolans or equivales Mode	Computer Numerically Controlled Tool Operators	51-9161	3,150	2,940	-210	-6.7	250	\$41,460	High school diploma or equivalent	None	Moderate-term on-the-job training
Cleaking Mashing and Materia Noting Equipations and Tenders 51-512 450 700 53-50 700 <	Computer Numerically Controlled Tool Programmers	51-9162	470	540	80	16.0	50	\$50,960	Postsecondary non-degree award	None	Moderate-term on-the-job training
Moders, Shaper, and Laters, Lacer, Metal and Paisse S1-945 Ga S0	Adhesive Bonding Machine Operators and Tenders	51-9191	60	60	0	3.2	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
Paper Goods Machine States, Operators, and Ferders519587.1007.5007.507.500 <th7.500< th="">7.500<th7.500< th=""></th7.500<></th7.500<>	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders								High school diploma or equivalent	None	Moderate-term on-the-job training
Integer Production Works CAUDE CAUDE <thcaude< th=""> CAUDE CAUDE</thcaude<>										None	Long-term on-the-job training
Production Worker, All Other 51-000 51-000 75.000 <td>Paper Goods Machine Setters, Operators, and Tenders</td> <td>51-9196</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>High school diploma or equivalent</td> <td>None</td> <td>Moderate-term on-the-job training</td>	Paper Goods Machine Setters, Operators, and Tenders	51-9196							High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation and Material Moving Occupation 54.000 66.00 77.00 77.00 77.0											Short-term on-the-job training
Spectrics of Transportation Antiterial Moning Workers, Exc Arriers Terms Handle Solution 6.400 7.81 7.80 7.									High school diploma or equivalent	None	Moderate-term on-the-job training
Thir Lue Supervisor 17 magocritation & Material Moving Workers, Exc. Alrcard, Cargo Manales, 2006,007,37,096,25High school diploma or equivalentLes than S yearsMoreAir Tardor Connection Workers53.20114.2006.35056,30Polsteconding non-degree awayNaneModerate term on-the-job tanAir Tardin Controllers53.20214.2006.358,00515,170Nancitative GargeNaneModerate term on-the-job tanModer Verlide Genetics53.20214.2006.36.30S23,070High school diploma or equivalentNaneModerate term on-the-job tanModer Verlide Genetics53.30216.207.807.8058.3053.907High school diploma or equivalentNaneModerate term on-the-job tanModer Verlide Genetics53.30316.207.807.8052.80NaneNaneModerate term on-the-job tanLigh Turk Orives53.30322.28,503.0002.407.8052.80NaneMonaMonaMonate term on-the-job tanLigh Turk Orives53.30521.0007.501.502.5053.60NoneMonate term on-the-job tanMonate term on-the-job tanModer Verlide Genetics7.3005.30521.0005.505.505.505.50S.50Monate term on-the-job tanMar Casco Mark Mark5.30521.0005.505.505.505.50S.50Monate term on-the-job tanModer Verlide Genetics5.3											
Air Transportation Worker 53 2000 980 9.00 4.3 910 N/A Airline Pilots, Colpols, and Pilot Bregineers 53 2012 2.40 4.0 30 53.40 Pestecondary non-degree award None Moderate errm on-the-job to internon error hole job to internon error hole											
Arine Pilots, Cognitors, and Fight Engineers 53-201 240 440 440 440 450 524, 360 Bethelor's degree Less than 5 years Moderate term on the-job to any and standards, scape term on the job training term on									High school diploma or equivalent	Less than 5 years	None
Commercial Plicits 53-2021 410 400 6.3 59 59.15 Associatie's degree None Inderate-mon-the-job train Autor Vehice Operators S3-2021 2200 2000 2000 2000	•			-							
Air Tardite Controllers 53-202 720 0 1.5 7.80 Sistar 4 segre None Long-term on-the-job Trains Motor Vehicle Operators 53-3001 53-000 58.900 7.600 58.900 7.800 52.800 7.800 100 52.200 100 shool operators None Motor Vehicle Operators Motor Vehicle O											Moderate-term on-the-job training
More Vehice Operators 53-000 54,500 58,910 7,70 8.8 6,630 N/A Manual construction Moderative mon-the-job train Driver/Stels Workers 53-3011 150 120 7.80 960 138 870 572,570 Hijh school diploma or equivalent None Short-term on-the-job train Heisy and Tactor-TaleTruck Drivers 53-3031 16,80 12,740 1,600 9.1 1,370 553.302 Hijh school diploma or equivalent None Short-term on-the-job train Bus Drevs, School 53-3051 1,320 1,520 1,320 533.80 Hijh school diploma or equivalent None Short-term on-the-job train Bus Drevs, Transt and Intercity 53.3052 1,020 1,150 130 1,270 53.840 Hijh school diploma or equivalent None Short-term on-the-job train Task Drevs 53.3051 1,010 1,00 1,00 23.980 S52.060 Nofmal educational credential None Short-term on-the-job train Task Drevs 53.4050 1,00 0 23.980<											
Anbulance Drivers and Attendants, Except Emergency Medical Technicians 53-301 9.10 9.20 9.30 9.28, 9.70 High school diplom or equivalent None Moderate term on the-job tain Driver/Siles Workers 53-303 28,050 30,000 2.20 7.33 7.220 Pateroal diplom or equivalent None Short-term on-the-job tain Bus Drivers, School 53-303 3.105 9.20 9.10 6.20 53.38.10 High school diplom or equivalent None Short-term on-the-job tain Bus Drivers, School 53-303 1.300 7.20 1.20 1.20 1.20 S3.800 High school diplom or equivalent None Noneree Modrate-term on-the-job tain Bus Drivers, School 53-303 1.300 7.00 C3 28,00 Normal educational redential None Nonter-term on-the-job tain Taio Drivers 53-400 1.00 0 C3 9 No Normal educational redential None									Associate's degree	None	Long-term on-the-job training
Driver/Sales Workers 53-3031 6.6.90 7.890 960 13.8 870 52.757 High school diploma or equivalent None Short-term on-the-job trains Heavy and Tactor-Tailer Vock Drvers 53-3033 11.800 12.740 1.660 9.1 1.370 58.320 High school diploma or equivalent None Short-term on-the-job trains Bas Drivers, Transt and Intercity 53-3033 1.1.80 12.70 130 22.7 150 53.401 High school diploma or equivalent None Short-term on-the-job trains Shutte Drivers Taina Drivers 53-3053 1.00 1.00 1.00 1.00 1.00 None Short term on-the-job trains Motor Vehores Tain Drivers 53-3054 1.00 1.00 1.00 None Short term on-the-job trains Motor Vehores 53-4000 1.00 1.00 1.00 None Short term on-the-job trains Motor Vehores 53-4001 4.00 1.00 0.02 3 Motor Hores Motor Short term on-the-job trains											
Heavy and Tractor-Tailer Truck Drivers 33-302 33-302 32-302 32-302 93-88.20 Postscondary non-degree award None Short-term on-the-job Traini Bus Drivers, School 53-305 14,80 14,90 140 49 620 33.80 High school diploma or equivalent None Short-term on-the-job Traini Bus Drivers, School 53-305 1,310 150 120 150 233.80 High school diploma or equivalent None Short-term on-the-job Traini Bus Drivers, Transit and Intercty 53-3053 1,310 150 230 80 S32,060 No formal educational credential None Short-term on-the-job Traini Motor Vetoris 53-3054 610 750 63 80 52,060 No formal educational credential None Short-term on-the-job Traini Motor Vetoris 53-4000 740 730 740 740 740 740 740 740 740 740 740 740 740 740 740 740 740 740 740											
Light Tock Drivers 53-803 12,740 1,060 9.1 1,707 53.803 High school diploma or equivalent None Short-term on-the-job Tanin Bus Drivers, School 53-805 1,020 1,150 130 127 150 533,800 High school diploma or equivalent None Moderate-term on-the-job Tanin Bus Drivers, School 53-805 1,020 1,510 200 154 2216 534,600 Normal educational credential None Moderate-term on-the-job Tanin Tau Drivers 33-805 1,000 750 50 50 80 532,000 Normal educational credential None Sont-term on-the-job Tanin Bul Tangopartation Workers 33-001 1,000 750 50 8.9 800 N/A None Sont-term on-the-job Tanin Automotive Engineers 53-401 1,000 750 6.0 52,000 Nofermal educational credential None Sont-term on-the-job Tanin Automotive Engineers 53-401 1,500 2,500 Nofermal educational credential None <td></td>											
Bus Drivers, School53-30513.8504.961904.962053.810High school diploma or equivalentNoneShort-term on-the-job trainBus Drivers, Transt and Interty53-30531.3001.5102001.5421053.4840No formal educational credentialNoneShort-term on-the-job trainTau Drivers53-30531.3007501.502.053.0No formal educational credentialNoneShort-term on-the-job trainTau Drivers53-30935005505508.98.0553.00No formal educational credentialNoneShort-term on-the-job trainTau Drivers53-40001.001.0000.39.0NoNoShort-term on-the-job trainTau Drivers53-400054.005.005.08.98.0Short-term on-the-job trainNoneShort-term on-the-job trainTau Drivers53-40002.005.005.06.009.08.00NoNoShort-term on-the-job trainAutomotive and Watercraft Service Attendants53-60319.009.00.02.130.00No formal educational credentialNoneShort-term on-the-job trainAutomotive and Watercraft Service Attendants53-60319.009.003.00.02.32.00No formal educational credentialNoneShort-term on-the-job trainAutomotive and Tau Drivers53-60319.009.000.02.32.30.00No formal educational credential											
Bus Drivers, Transt and Intercity53-30521,0201,1501,2015215053,3084High school diploma or equivalentNoneModerate-term on-the-job trainTabl Drivers53-30546,107,501,502.20528,000No formal educational credentialNoneShort-term on-the-job trainTabl Drivers53-300553-30055005505.08.980553,500No formal educational credentialNoneShort-term on-the-job trainBall Transportation Workers53-40011,4001,00000.089NANoNoneShort-term on-the-job trainAutomotive and Wateraft Service Attendants53-60216406.007.001.00NoNoNoNoNoNoAutomotive and Wateraft Service Attendants53-60216406.007.007.00No <td></td>											
Shuttle Drivers and Chauffeurs53-30531,3101,5102001,5422.0528,400No formal educational credentialNoneShort-term on-the-job trainiTaxi Drivers53-3059561075015023.980532,500No formal educational credentialNoneShort-term on-the-job trainiRail Tansportation Workers53-40001,1001,000.08.980533,500No formal educational credentialNoneShort-term on-the-job trainiRain Tansportation Workers53-40014.004.000.090V/AUes shart S gaveModerate-term on-the-job trainiAutomotive and Watercraft Service Attendants53-6031950980303.21.4052,900No formal educational credentialNoneShort-term on-the-job trainiAutomotive and Watercraft Service Attendants53-6031950980303.21.4052,910No formal educational credentialNoneShort-term on-the-job trainiAutomotive and Watercraft Service Attendants53-6031950980303.21.4052,910No formal educational credentialNoneShort-term on-the-job trainiAutomotive and Tarcer Operators53-7031500520305452,900No formal educational credentialNoneShort-term on-the-job trainiConvery Operators and Tenders53-70514500520505555,00No formal educational credentialNoneShort-term on-the-job traini									a		
Taxi Drivers53-305610750150150820.05No formal educational credentialNoneShort-term on-the-job trainiMotor Vehicle Operators, All Otter53-300953-30091001,000.00.0808052.000No formal educational credentialNoneShort-term on-the-job trainiRail Transportation Workers53-400144044045000.24058.300NoNoModerate-term on-the-job trainiOther Transportation Workers53-600163-600164.0063000.24058.000No formal educational credentialNoneModerate-term on-the-job trainiAutomotive and Waterards Service Attendants53-603165.0064.00600.082.000No formal educational credentialNoneMore there on the-job trainiAutomotive and Waterards Service Attendants53-603165.0015064.0064.0064.0063.0062.0082.000No formal educational credentialNoneMotorterm on-the-job trainiAutomotive and Waterards Service Attendants53-603163.603163.00064.0064											
Motor Vehicle Operators, All Other53-209500550550500800550700 mel educational credentialNoneShort-term on-the-job trainiRail Transportation Workers53-4001440440450000.3900N/100Other Transportation Workers53-60216406.305006.213100NoneLess than 5 yearsModerate-term on-the-job trainiOther Transportation Workers53-60216406.305006.213100NoneLess than 5 yearsModerate-term on-the-job trainiAutomotive and Watercraft Service Attendants53-60216406.30006.22140053.60218.00Short-term on-the-job trainiAutomotive and Watercraft Service Attendants53-601153-60311501601004.720053.2030No formal educational credentialNoneShort-term on-the-job trainiAutomotive and Workers53-601135095.201601004.72053.2030No formal educational credentialNoneShort-term on-the-job trainiConvery Operators and Tenders53-70115005203051.460353.2030No formal educational credentialNoneShort-term on-the-job trainiConvery Operators53-701153-70115005203051.460353.2030No formal educational credentialNoneShort-term on-the-job trainiLaborers and Freight, Stock, and Ruderal Movers, Hand53-70614.8											
Rail Transportation Workers53-40011,4001,4000,0390N/ALocomotive Engineers53-400144004500.0240058-4300High school diploma or equivalentLes than 5 yearsModerate-term on-the-job trainiOther Transportation Workers53-600153-60019800.0-0.69.052,800No formal educational credentialNoneShort-term on-the-job trainiAutomotive and Waterraft Service Attendants53-60319509800.0-0.69.092,200High school diploma or equivalentNoneShort-term on-the-job trainiAitoraft Service Attendants53-60319509800.0-0.723,202High school diploma or equivalentNoneShort-term on-the-job trainiTransportation Inspectors53-6031970098,70095,4006.400-2.140053,100High school diploma or equivalentNoneShort-term on-the-job trainiMaterial Moving Workers53-700198,70095,4006.40051,40053,2070Noformal educational credentialNoneShort-term on-the-job trainiConveyor Operators and Tenders53-70111,2001,2004.3051,40054,40054,40054,40054,40054,40054,400Noformal educational credentialNoneShort-term on-the-job trainiLoonsers of Vehicles and Fujement53-70151,2201,4504.0052,807No formal educational credentialNoneShort-term on-the-job traini <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
Locomotive Engineers53-401144045000.2440\$84,360High school diploma or equivalentLess than 5 yearsModerate-term on-the-job trainiOther Transportation Workers53-60216406300-0.690\$28,900No formal educational credentialNoneShort-term on-the-job trainiParking Attendants53-6031950980303.2140\$28,910No formal educational credentialNoneShort-term on-the-job trainiAutorati Service Attendants53-6031950980303.2140\$28,910High school diploma or equivalentNoneShort-term on-the-job trainiTransportation Inspectors53-6031950980303.2140\$28,910High school diploma or equivalentNoneShort-term on-the-job trainiTransportation Inspectors53-700183-70089,75096,2406.4907.213.350NoNoConveyro Operators and Treders53-7011500520305.16053.2970No formal educational credentialNoneShort-term on-the-job trainiClaneers of Vehicles and Equipment53-705111.23011.6504.802.004.315.400VoShort-term on-the-job trainiClaneers of Vehicles and Equipment53-705112.3013.002.207.04.4305.400No formal educational credentialNoneShort-term on-the-job trainiClaneers of Vehicles and Packagers, Hand53-7061 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>No formal educational credential</td> <td>None</td> <td>Short-term on-the-job training</td>									No formal educational credential	None	Short-term on-the-job training
Other Transportation Workers53-60002,2602,300502.1310N/AParking Attendants53-602164065006528,910No formal educational credentialNoneShort-term on-the-job traininAutomotive and Watercart Service Attendants53-60321601604.720528,910No formal educational credentialNoneShort-term on-the-job traininAircraft Service Attendants53-60321501601004.720532,020High school diploma or equivalentNoneShort-term on-the-job traininTransportation Inspectors53-60323703801002.1400591,000High school diploma or equivalentNoneShort-term on-the-job traininConveyor Operators and Tenders53-70115005203005.450532,707NofNofNoneShort-term on-the-job traininCranse and Tower Operators53-705111,23011,6504203.71,40\$44,350No formal educational credentialNoneShort-term on-the-job traininCleaners of Vehicles and Equipment53-705111,23011,6504203.71,40\$44,350No formal educational credentialNoneShort-term on-the-job traininLaborers and Freidy LSock, and Material Movers, Hand53-706312013002.4200\$33,100No formal educational credentialNoneShort-term on-the-job traininMachine Feeders and Offbearers53-7063<									Uish school dislams as assumptions	Less then Curees	Madarata tarm on the job trainin
Parking Attendants53-60216406300-0.690\$28,000No formal educational credentialNoneShort-term on-the-job trainingAutomotive and Watercraft Service Attendants53-60319509803003.21.40\$28,000No formal educational credentialNoneShort-term on-the-job trainingAir Craft Service Attendants53-60319509803003.21.40\$28,000No formal educational credentialNoneShort-term on-the-job trainingTransportation Inspectors53-60513703801.002.140\$91,100High school diploma or equivalentNoneModerate-term on-the-job trainingMaterial Moving Workers53-700153-700980,706.4906.4906.49053.2970No formal educational credentialNoneNoneNonet-term on-the-job trainingConvery Operators and Tenders53-701153-7021590620305.1600\$32,870No formal educational credentialNoneShort-term on-the-job trainingCleaners of Vehicles and Equipment53-705111,23011,6504.8502004.3640\$34,590No formal educational credentialNoneShort-term on-the-job trainingMatchine Feeders and Offbearers53-706311,23011,6504.8502004.3640\$34,590No formal educational credentialNoneShort-term on-the-job trainingPackers and Packagers, Hand53-706312.013.0002									nigii school dipioma or equivalent	Less than 5 years	wouerate-term on-the-job trainin
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Footnotes:

¹ Indicates the Median Annual Wage, NA indicates data is not available. Source: Occupational Employment and Wage Statistics (OEWS) program from Oklahoma Employment Security Commission.

² Represents the typical education level needed to enter the occupation.

³ Indicates if work experience in a related occupation is commonly considered necessary by employers for entry, or is a commonly accepted substitute for formal types of training.

 $^{\rm 4}$ Indicates the typical on-the-job training needed to attain competency in the occupation.

NOTE: For more information about the education, work experience, and on-the-job training categories assigned to occupations, see www.bls.gov/emp/ep_education_training_system.htm

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