

Oklahoma Long-Term Occupational Outlook, 2022-2032

Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Education and Training Classification		
		2022	2032	Numeric	Percent			Typical Entry-Level Education ²	Work Experience in a Related 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	11-1011	5,050	4,710	-340	-6.7	290	\$128,230	Bachelor's degree	5 years or more	None
General and Operations Managers	11-1021	44,230	47,300	3,070	6.9	3,910	\$81,060	Bachelor's degree	5 years or more	None
Legislators	11-1031	520	560	40	8.1	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			
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	11-2032	380	400	20	5.9	30	\$102,120	Bachelor's degree	5 years or more	None
Fundraising Managers	11-2033	290	300	10	4.6	20	\$95,470	Bachelor's degree	5 years or more	None
Operations Specialties Managers	11-3000	20,280	22,290	2,010	9.9	1,700	N/A			
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	11-3061	400	420	20	3.8	30	\$106,730	Bachelor's degree	5 years or more	None
Transportation, Storage, and Distribution Managers	11-3071	1,590	1,720	130	7.8	140	\$82,680	High school diploma or equivalent	5 years or more	None
Compensation and Benefits Managers	11-3111	130	130	0	1.6	10	\$100,760	Bachelor's degree	5 years or more	None
Human Resources Managers	11-3121	1,520	1,610	80	5.5	120	\$107,510	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	11-9039	380	390	10	2.9	30	\$90,150	Bachelor's degree	Less than 5 years	None
Architectural and Engineering Managers	11-9041	1,910	2,010	100	5.1	130	\$144,340	Bachelor's degree	5 years or more	None
Food Service Managers	11-9051	3,310	3,520	210	6.3	400	\$58,740	High school diploma or equivalent	Less than 5 years	Short-term on-the-job training
Gambling Managers	11-9071	300	300	0	0.7	30	\$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	10	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	11-9151	1,790	1,980	190	10.3	160	\$62,770	Bachelor's degree	Less than 5 years	None
Emergency Management Directors	11-9161	310	330	30	9.5	20	\$60,150	Bachelor's degree	5 years or more	None
Funeral Home Managers	11-9171	630	640	10	1.6	50	\$60,670	Associate's degree	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	9,140	9,820	680	7.4	840	\$57,220	Bachelor's degree	None	None
Labor Relations Specialists	13-1075	1,220	1,220	0	-0.3	100	\$94,100	Bachelor's degree	Less than 5 years	None
Logisticians	13-1081	3,880	4,570	690	17.7	400	\$82,060	Bachelor's degree	None	None
Project Management Specialists	13-1082	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	130	1.8	640	\$82,910	Bachelor's degree	None	None
Financial Specialists	13-2000	34,410	36,870	2,450	7.1	2,880	N/A			
Accountants and Auditors	13-2011	18,430	19,810	1,390	7.5	1,600	\$75,500	Bachelor's degree	None	None
Property Appraisers and Assessors	13-2020	1,310	1,420	110	8.4	120	\$43,490	Bachelor's degree	None	Long-term on-the-job training
Budget Analysts	13-2031	550	560	10	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

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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	\$73,420	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	5,370	5,700	320	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	13-2081	340	360	20	5.3	30	\$47,860	Bachelor's degree	None	None
Tax Preparers	13-2082	1,580	1,680	100	6.3	190	\$36,390	High school diploma or equivalent	None	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	\$99,870	Bachelor's degree	Less than 5 years	None
Computer and Information Research Scientists	15-1221	470	540	70	15.4	40	\$90,600	Master's degree	None	None
Computer Network Support Specialists	15-1231	2,340	2,430	90	3.7	170	\$67,570	Associate's degree	None	Moderate-term on-the-job training
Computer User Support Specialists	15-1232	8,000	8,210	210	2.7	550	\$50,300	Some college, no degree	None	Moderate-term on-the-job training
Computer Network Architects	15-1241	1,790	1,840	50	2.7	100	\$104,000	Bachelor's degree	5 years or more	None
Database Administrators	15-1242	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	\$111,070	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	\$91,100	Bachelor's degree	None	None
Mathematical Science Occupations	15-2000	2,740	3,550	810	29.7	270	N/A			
Operations Research Analysts	15-2031	460	570	110	23.6	40	\$62,380	Bachelor's degree	None	None
Statisticians	15-2041	150	190	40	27.0	10	\$78,270	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 Surveyors	17-1011	1,050	1,110	70	6.5	70	\$79,890	Bachelor's degree	None	Internship/residency
Engineers	17-2000	16,990	18,000	1,320	7.9	1,090	N/A			Internship/residency
Aerospace Engineers	17-2011	1,450	1,540	90	6.0	90	\$104,380	Bachelor's degree	None	None
Chemical Engineers	17-2041	330	370	40	10.5	20	\$127,930	Bachelor's degree	None	None
Civil Engineers	17-2051	2,710	2,960	250	9.1	190	\$96,130	Bachelor's degree	None	None
Computer Hardware Engineers	17-2061	150	160	0	2.6	10	\$125,380	Bachelor's degree	None	None
Electrical Engineers	17-2071	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	\$80,880	Bachelor's degree	None	None
Mechanical Engineers	17-2141	2,040	2,250	210	10.1	140	\$94,860	Bachelor's degree	None	None
Petroleum Engineers	17-2171	1,450	1,600	150	10.0	100	\$132,360	Bachelor's degree	None	None
Engineers, All Other	17-2199	1,150	1,180	40	3.1	70	\$101,760	Bachelor's degree	None	None
Drafters, Engineering Technicians, and Mapping Technicians	17-3000	8,160	8,330	160	2.0	790	N/A			
Architectural and Civil Drafters	17-3011	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	17-3013	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	\$91,520	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	10	3.0	20	\$49,830	Associate's degree	None	None
Environmental Engineering Technologists and Technicians	17-3025	410	410	0	0.3	40	\$58,910	Associate's degree	None	None
Industrial Engineering Technologists and Technicians	17-3026	810	830	20	2.1	80	\$71,030	Associate's degree	None	None
Mechanical Engineering Technologists and Technicians	17-3027	230	220	-10	-2.6	20	\$61,240	Associate's degree	None	None
Calibration Technologists and Technicians	17-3028	80	80	0	5.3	10	N/A	Associate's degree	None	None
Engineering Technologists and Technicians, Except Drafters, All Other	17-3029	770	780	10	1.4	70	\$76,790	Associate's degree	None	None
Surveying and Mapping Technicians	17-3031	1,200	1,280	80	6.7	150	\$46,110	High school diploma or equivalent	None	Moderate-term on-the-job training
Life, Physical, and Social Science Occupations	19-0000	12120	13020	900	7.45	1210	\$65,320			
Life Scientists	19-1000	2020	2120	100	4.95	150	N/A			
Soil and Plant Scientists	19-1013	250	260	10	3.6	20	\$65,320	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	\$57,120	Bachelor's degree	None	None
Epidemiologists	19-1041	160	190	30	17.6	10	\$66,850	Master's degree	None	None
Medical Scientists, Except Epidemiologists	19-1042	400	420	20	4.0	20	\$104,830	Doctoral or professional degree	None	None
Physical Scientists	19-2000	1,960	2,100	150	7.4	160	N/A			
Atmospheric and Space Scientists	19-2021	160	160	0	0.0	10	\$79,490	Bachelor's degree	None	None
Chemists	19-2031	570	600	30	5.7	40	\$64,200	Bachelor's degree	None	None

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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	19-3034	520	550	30	6.2	40	\$62,540	Master's degree	None	Internship/residency
Psychologists, All Other	19-3039	390	410	20	6.0	30	\$71,900	Master's degree	None	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	0	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	580	0	0.7	70	\$42,750	Bachelor's degree	None	None
Chemical Technicians	19-4031	680	710	30	4.4	80	\$62,120	Associate's degree	None	Moderate-term on-the-job training
Environmental Science and Protection Technicians, Including Health	19-4042	300	330	40	12.5	40	\$48,220	Associate's degree	None	None
Geological Technicians, Except Hydrologic Technicians	19-4043	420	440	20	4.7	50	\$51,320	Associate's degree	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	19-4071	140	140	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	21-1000	30,280	33,240	2,960	9.8	2,840	N/A			
Educational, Guidance, and Career Counselors and Advisors	21-1012	4,570	4,860	290	6.4	360	\$49,520	Master's degree	None	None
Marriage and Family Therapists	21-1013	1,350	1,560	210	15.7	110	\$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	21-1093	2,500	2,750	260	10.2	290	\$34,820	High school diploma or equivalent	None	Short-term on-the-job training
Community Health Workers	21-1094	720	810	100	13.5	90	\$43,430	High school diploma or equivalent	None	Short-term on-the-job training
Religious Workers	21-2000	950	980	30	2.7	90	N/A			
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	23-1021	110	110	0	1.9	0	\$111,610	Doctoral or professional degree	5 years or more	Short-term on-the-job training
Judges, Magistrate Judges, and Magistrates	23-1023	900	920	20	2.7	40	N/A	Doctoral or professional degree	5 years or more	Short-term on-the-job training
Legal Support Workers	23-2000	4,900	5,200	300	6.1	530	N/A			
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	25-1032	250	260	10	5.7	20	\$93,800	Doctoral or professional degree	None	None
Chemistry Teachers, Postsecondary	25-1052	310	300	-10	-2.0	20	\$78,210	Doctoral or professional degree	None	None
Physics Teachers, Postsecondary	25-1054	90	90	0	-1.1	10	\$88,020	Doctoral or professional degree	None	None
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	25-1062	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	25-1067	140	130	0	-1.5	10	\$64,540	Doctoral or professional degree	None	None
Health Specialties Teachers, Postsecondary	25-1071	2,870	3,240	370	13.1	270	\$71,030	Doctoral or professional degree	Less than 5 years	None
Nursing Instructors and Teachers, Postsecondary	25-1072	750	870	120	15.8	80	\$64,260	Doctoral or professional degree	Less than 5 years	None
Education Teachers, Postsecondary	25-1081	610	600	-10	-1.6	50	\$61,900	Doctoral or professional degree	Less than 5 years	None
Art, Drama, and Music Teachers, Postsecondary	25-1121	1,240	1,220	-30	-2.0	90	\$61,770	Master's degree	None	None
Communications Teachers, Postsecondary	25-1122	310	310	0	-0.3	20	\$64,060	Doctoral or professional degree	None	None
English Language and Literature Teachers, Postsecondary	25-1123	690	670	-20	-3.2	50	\$52,220	Doctoral or professional degree	None	None
Foreign Language and Literature Teachers, Postsecondary	25-1124	100	100	0	-4.0	10	\$61,400	Doctoral or professional degree	None	None

Oklahoma Long-Term Occupational Outlook, 2022-2032

Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Typical Entry-Level Education ²	Education and Training Classification	
		2022	2032	Numeric	Percent				Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
History Teachers, Postsecondary	25-1125	230	230	-10	-3.9	20	\$65,700	Doctoral or professional degree	None	None
Philosophy and Religion Teachers, Postsecondary	25-1126	210	210	-10	-2.8	20	\$64,610	Doctoral or professional degree	None	None
Recreation and Fitness Studies Teachers, Postsecondary	25-1193	340	330	-10	-1.5	30	\$70,890	Doctoral or professional degree	None	None
Career/Technical Education Teachers, Postsecondary	25-1194	2,620	2,740	110	4.3	220	\$65,970	Bachelor's degree	Less than 5 years	None
Postsecondary Teachers, All Other	25-1199	1,900	1,870	-30	-1.4	140	\$70,200	Doctoral or professional degree	None	None
Preschool, Elementary, Middle, Secondary, and Special Education Teachers	25-2000	53,270	56,280	3,020	5.7	4,130	N/A			
Preschool Teachers, Except Special Education	25-2011	6,000	6,390	390	6.6	690	\$32,460	Associate's degree	None	None
Kindergarten Teachers, Except Special Education	25-2012	1,510	1,600	90	6.0	170	\$47,400	Bachelor's degree	None	None
Elementary School Teachers, Except Special Education	25-2021	15,360	16,200	840	5.5	1,130	\$48,350	Bachelor's degree	None	None
Middle School Teachers, Except Special and Career/Technical Education	25-2022	6,770	7,150	380	5.6	500	\$48,840	Bachelor's degree	None	None
Career/Technical Education Teachers, Middle School	25-2023	40	40	0	5.4	0	\$47,090	Bachelor's degree	Less than 5 years	None
Secondary School Teachers, Except Special and Career/Technical Education	25-2031	18,960	20,060	1,100	5.8	1,310	\$50,600	Bachelor's degree	None	None
Career/Technical Education Teachers, Secondary School	25-2032	780	810	30	4.0	50	\$52,750	Bachelor's degree	Less than 5 years	None
Special Education Teachers, Preschool	25-2051	70	70	0	4.4	0	\$47,940	Bachelor's degree	None	None
Special Education Teachers, Kindergarten and Elementary School	25-2052	1,520	1,590	70	4.6	110	\$49,570	Bachelor's degree	None	None
Special Education Teachers, Middle School	25-2057	500	520	20	4.6	40	\$49,790	Bachelor's degree	None	None
Special Education Teachers, Secondary School	25-2058	1,760	1,840	80	4.8	130	\$55,870	Bachelor's degree	None	None
Other Teachers and Instructors	25-3000	8,600	9,090	490	5.7	1,170	N/A			
Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	25-3011	280	260	-30	-9.3	30	\$49,820	Bachelor's degree	None	None
Self-Enrichment Teachers	25-3021	2,410	2,550	130	5.6	310	\$44,540	High school diploma or equivalent	Less than 5 years	None
Substitute Teachers, Short-Term	25-3031	3,740	4,040	310	8.2	490	\$24,180	Bachelor's degree	None	None
Tutors	25-3041	1,360	1,420	60	4.5	240	\$30,630	Some college, no degree	None	None
Teachers and Instructors, All Other	25-3099	810	820	10	1.5	100	\$66,620	Bachelor's degree	None	None
Librarians, Curators, and Archivists	25-4000	3,620	3,770	150	4.2	450	N/A			
Archivists	25-4011	230	240	20	6.6	30	\$49,920	Master's degree	None	None
Curators	25-4012	170	190	20	12.1	20	\$51,980	Master's degree	None	None
Museum Technicians and Conservators	25-4013	270	300	30	12.6	40	\$39,170	Bachelor's degree	None	None
Librarians and Media Collections Specialists	25-4022	1,860	1,970	110	5.9	190	\$54,330	Master's degree	None	None
Library Technicians	25-4031	1,090	1,060	-30	-2.3	180	\$28,270	Postsecondary non-degree award	None	None
Other Educational Instruction and Library Occupations	25-9000	17,910	18,540	630	3.5	2,050	N/A			
Instructional Coordinators	25-9031	3,220	3,280	60	1.9	280	\$62,560	Master's degree	5 years or more	None
Teaching Assistants, Except Postsecondary	25-9045	12,340	12,900	560	4.6	1,520	N/A	Some college, no degree	None	None
Educational Instruction and Library Workers, All Other	25-9099	890	880	-10	-0.7	80	\$25,220	Bachelor's degree	None	None
Arts, Design, Entertainment, Sports, and Media Occupations	27-0000	20,850	21,810	960	4.6	2,200	\$46,410			
Art and Design Workers	27-1000	6,410	6,660	250	3.9	650	N/A			
Art Directors	27-1011	270	290	20	6.9	30	69,990	Bachelor's degree	5 years or more	None
Craft Artists	27-1012	380	410	30	6.5	40	N/A	No formal educational credential	None	Long-term on-the-job training
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
Special Effects Artists and Animators	27-1014	130	150	10	9.0	10	\$59,990	Bachelor's degree	None	None
Commercial and Industrial Designers	27-1021	210	220	10	5.3	20	\$70,550	Bachelor's degree	None	None
Floral Designers	27-1023	640	540	-100	-15.9	60	\$23,340	High school diploma or equivalent	None	Moderate-term on-the-job training
Graphic Designers	27-1024	1,980	2,070	100	5.0	170	\$49,150	Bachelor's degree	None	None
Interior Designers	27-1025	590	640	50	9.2	60	\$50,460	Bachelor's degree	None	None
Merchandise Displayers and Window Trimmers	27-1026	1,730	1,830	100	5.7	220	\$34,600	High school diploma or equivalent	None	Short-term on-the-job training
Entertainers and Performers, Sports and Related Workers	27-2000	5,100	5,510	410	8.1	690	N/A			
Producers and Directors	27-2012	860	910	50	5.9	80	\$51,020	Bachelor's degree	Less than 5 years	None
Athletes and Sports Competitors	27-2021	140	160	20	15.4	20	\$36,640	No formal educational credential	None	Long-term on-the-job training
Coaches and Scouts	27-2022	2,990	3,230	240	8.1	410	\$34,800	Bachelor's degree	None	None
Choreographers	27-2032	100	110	10	5.0	20	N/A	High school diploma or equivalent	5 years or more	Long-term on-the-job training
Music Directors and Composers	27-2041	170	180	10	4.1	20	\$52,290	Bachelor's degree	Less than 5 years	None
Musicians and Singers	27-2042	310	330	20	6.2	40	N/A	No formal educational credential	None	Long-term on-the-job training
Media and Communication Workers	27-3000	6,480	6,660	170	2.7	590	N/A			
Broadcast Announcers and Radio Disc Jockeys	27-3011	220	200	-20	-6.9	20	\$30,270	Bachelor's degree	None	None
News Analysts, Reporters, and Journalists	27-3023	480	460	-20	-3.8	50	\$46,600	Bachelor's degree	None	None
Public Relations Specialists	27-3031	2,820	2,970	150	5.4	240	\$56,440	Bachelor's degree	None	None
Editors	27-3041	670	610	-60	-9.4	60	\$46,740	Bachelor's degree	Less than 5 years	None
Technical Writers	27-3042	890	940	50	5.6	80	\$61,410	Bachelor's degree	Less than 5 years	Short-term on-the-job training
Writers and Authors	27-3043	850	890	40	4.9	90	\$51,480	Bachelor's degree	None	Long-term on-the-job training
Interpreters and Translators	27-3091	540	560	30	4.7	60	\$41,790	Bachelor's degree	None	None
Media and Communication Equipment Workers	27-4000	2,850	2,980	130	4.6	270	N/A			
Audio and Video Technicians	27-4011	710	740	40	5.0	70	\$47,280	Postsecondary non-degree award	None	Short-term on-the-job training
Broadcast Technicians	27-4012	320	310	-10	-1.6	30	\$36,610	Associate's degree	None	Short-term on-the-job training
Photographers	27-4021	1,230	1,300	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	\$42,690	Bachelor's degree	None	None
Film and Video Editors	27-4032	270	310	30	12.1	30	\$48,380	Bachelor's degree	None	None
Media and Communication Equipment Workers, All Other	27-4099	80	80	0	0.0	10	\$68,540	High school diploma or equivalent	None	Short-term on-the-job training
Healthcare Practitioners and Technical Occupations	29-0000	122,190	130,730	8,540	7.0	8,040	\$69,780			
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	None
Dentists, General	29-1021	1,490	1,510	20	1.3	40	\$164,670	Doctoral or professional degree	None	None

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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	30	30	0	0.0	0	\$207,150	Doctoral or professional degree	None	Internship/residency
Occupational Therapists	29-1122	1,020	1,120	100	9.8	70	\$99,530	Master's degree	None	None
Physical Therapists	29-1123	2,420	2,720	300	12.4	130	\$98,090	Doctoral or professional degree	None	None
Radiation Therapists	29-1124	240	240	0	0.8	10	\$84,530	Associate's degree	None	None
Recreational Therapists	29-1125	210	220	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	29-1171	3,030	4,200	1,160	38.3	280	\$124,070	Master's degree	None	None
Audiologists	29-1181	70	80	10	8.1	0	\$78,110	Doctoral or professional degree	None	None
Anesthesiologists	29-1211	540	540	0	-0.6	10	N/A	Doctoral or professional degree	None	Internship/residency
Dermatologists	29-1213	300	300	10	2.7	10	N/A	Doctoral or professional degree	None	Internship/residency
Emergency Medicine Physicians	29-1214	170	170	0	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	29-1292	2,550	2,680	130	5.0	180	\$97,280	Associate's degree	None	None
Healthcare Diagnosing or Treating Practitioners, All Other	29-1299	180	190	10	2.8	10	N/A	Master's degree	None	None
Health Technologists and Technicians	29-2000	47,120	49,950	2,830	6.0	3,720	N/A			
Clinical Laboratory Technologists and Technicians	29-2010	5,920	6,100	170	2.9	400	\$54,050	Bachelor's degree	None	None
Cardiovascular Technologists and Technicians	29-2031	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	2,390	80	3.4	150	\$51,400	Postsecondary non-degree award	None	None
Veterinary Technologists and Technicians	29-2056	960	1,150	190	19.4	110	\$35,740	Associate's degree	None	None
Ophthalmic Medical Technicians	29-2057	1,160	1,280	120	9.9	140	\$34,650	Postsecondary non-degree award	None	None
Licensed Practical and Licensed Vocational Nurses	29-2061	13,590	14,450	860	6.3	1,150	\$50,510	Postsecondary non-degree award	None	None
Medical Records Specialists	29-2072	2,480	2,630	150	6.1	180	\$49,510	Postsecondary non-degree award	None	None
Opticians, Dispensing	29-2081	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 Aides	31-1100	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			
Occupational Therapy Assistants	31-2011	660	800	140	21.9	110	\$64,890	Associate's degree	None	None
Occupational Therapy Aides	31-2012	40	40	0	-2.4	10	\$31,440	High school diploma or equivalent	None	Short-term on-the-job training
Physical Therapist Assistants	31-2021	1,700	2,050	350	20.4	290	\$64,020	Associate's degree	None	None
Physical Therapist Aides	31-2022	600	610	10	1.2	80	\$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	N/A			
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

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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	31-9095	1,190	1,210	10	1.1	210	\$27,850	High school diploma or equivalent	None	Short-term on-the-job training
Veterinary Assistants and Laboratory Animal Caretakers	31-9096	1,730	2,070	330	19.2	400	\$30,080	High school diploma or equivalent	None	Short-term on-the-job training
Phlebotomists	31-9097	2,050	2,170	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	33-1012	1,720	1,890	170	10.0	130	\$81,140	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
First-Line Supervisors of Firefighting and Prevention Workers	33-1021	1,060	1,170	110	10.6	80	\$84,310	Postsecondary non-degree award	Less than 5 years	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	33-2021	120	130	10	10.4	10	\$41,500	Postsecondary non-degree award	5 years or more	Moderate-term on-the-job training
Forest Fire Inspectors and Prevention Specialists	33-2022	110	130	20	14.3	10	\$38,380	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Law Enforcement Workers	33-3000	16,290	17,160	870	5.3	1,410	N/A			
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	33-3051	10,040	11,030	980	9.8	900	\$53,850	High school diploma or equivalent	None	Moderate-term on-the-job training
Other Protective Service Workers	33-9000	16,660	17,160	500	3.0	2,530	N/A			
Animal Control Workers	33-9011	320	360	40	10.8	40	\$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	33-9093	260	260	0	-0.8	20	\$45,760	High school diploma or equivalent	None	Short-term on-the-job training
School Bus Monitors	33-9094	530	500	-30	-5.0	90	\$26,060	High school diploma or equivalent	None	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			
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	35-1012	15,550	17,460	1,910	12.3	2,600	\$34,790	High school diploma or equivalent	Less than 5 years	None
Cooks and Food Preparation Workers	35-2000	54,800	60,140	5,340	9.7	9,360	N/A			
Cooks, Fast Food	35-2011	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	7,820	8,050	230	2.9	1,430	\$28,110	No formal educational credential	None	Short-term on-the-job training
Food and Beverage Serving Workers	35-3000	77,310	82,870	5,560	7.2	17,640	N/A			
Bartenders	35-3011	7,110	7,800	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	35-9011	4,980	5,570	600	12.0	1,040	\$23,030	No formal educational credential	None	Short-term on-the-job training
Dishwashers	35-9021	4,340	4,580	250	5.7	790	\$24,050	No formal educational credential	None	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	37-1011	2,440	2,670	230	9.6	320	\$36,890	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	37-1012	2,190	2,350	160	7.3	250	\$45,500	High school diploma or equivalent	Less than 5 years	None
Building Cleaning and Pest Control Workers	37-2000	38,190	41,080	2,890	7.6	5,830	N/A			
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	37-3000	13,010	14,290	1,280	9.9	1,870	N/A			
Landscaping and Groundskeeping Workers	37-3011	12,010	13,210	1,200	10.0	1,730	\$34,170	No formal educational credential	None	Short-term on-the-job training
Tree Trimmers and Pruners	37-3013	810	880	70	8.7	110	\$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			
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	39-1014	960	1,090	120	12.6	120	\$37,970	High school diploma or equivalent	Less than 5 years	None
First-Line Supervisors of Personal Service Workers	39-1022	1,700	1,860	160	9.5	210	\$45,090	High school diploma or equivalent	Less than 5 years	None
Animal Care and Service Workers	39-2000	4,770	5,510	740	15.5	970	N/A			
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			

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Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Typical Entry-Level Education ²	Education and Training Classification	
		2022	2032	Numeric	Percent				Work Experience in a Related 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 Services, and Travel	41-3091	11,640	12,770	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 Products	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 Scientific Products	41-4012	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			
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			
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	43-3061	770	720	-50	-7.0	70	\$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-job training
Financial Clerks, All Other	43-3099	70	70	0	1.5	10	\$45,900	High school diploma or equivalent	None	Short-term on-the-job training
Information and Record Clerks	43-4000	71,950	70,920	-1,030	-1.4	8,960	N/A			
Brokerage Clerks	43-4011	40	30	0	-8.6	0	\$50,840	High school diploma or equivalent	None	Moderate-term on-the-job training
Court, Municipal, and License Clerks	43-4031	3,600	3,990	380	10.6	420	\$36,560	High school diploma or equivalent	None	Long-term on-the-job training
Credit Authorizers, Checkers, and Clerks	43-4041	180	180	0	-1.1	10	\$39,270	High school diploma or equivalent	None	Moderate-term on-the-job training
Customer Service Representatives	43-4051	35,670	34,820	-840	-2.4	4,650	\$36,320	High school diploma or equivalent	None	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

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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	43-4141	1,600	1,410	-180	-11.5	120	\$37,690	High school diploma or equivalent	None	Moderate-term on-the-job training
Order Clerks	43-4151	3,450	3,060	-390	-11.4	330	\$41,900	Some college, no degree	None	Short-term on-the-job training
Human Resources Assistants, Except Payroll and Timekeeping	43-4161	640	620	-20	-3.1	70	\$43,690	Associate's degree	None	None
Receptionists and Information Clerks	43-4171	11,200	11,050	-150	-1.3	1,460	\$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, and Distributing Workers	43-5000	32,110	32,030	-80	-0.3	3,110	N/A			
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	43-5053	780	730	-50	-6.7	60	\$53,440	No formal educational credential	None	Short-term on-the-job training
Production, Planning, and Expediting Clerks	43-5061	5,860	6,140	280	4.8	640	\$49,180	High school diploma or equivalent	None	Moderate-term on-the-job training
Shipping, Receiving, and Inventory Clerks	43-5071	9,570	9,050	-520	-5.4	890	\$37,810	High school diploma or equivalent	None	Short-term on-the-job training
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	580	590	10	1.4	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	N/A			
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	27,710	26,460	-1,250	-4.5	3,100	\$34,840	High school diploma or equivalent	None	Short-term on-the-job training
Office Machine Operators, Except Computer	43-9071	440	390	-60	-12.7	50	\$34,610	High school diploma or equivalent	None	Short-term on-the-job training
Proofreaders and Copy Markers	43-9081	90	70	-10	-14.1	10	\$34,820	Bachelor's degree	None	None
Statistical Assistants	43-9111	80	70	-10	-6.7	10	\$50,170	Bachelor's degree	None	None
Office and Administrative Support Workers, All Other	43-9199	560	490	-60	-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			
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	260	260	0	1.2	40	\$35,170	No formal educational credential	None	Short-term on-the-job training
Forest, Conservation, and Logging Workers	45-4000	510	510	-10	-1.4	70	N/A			
Logging Equipment Operators	45-4022	370	370	0	-0.3	50	\$36,750	High school diploma or equivalent	None	Moderate-term on-the-job training
Construction and Extraction Occupations	47-0000	93,040	99,080	6,040	6.5	8,940	\$47,220			
Supervisors of Construction and Extraction Workers	47-1000	10,690	11,480	790	7.4	950	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			
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	6,770	7,170	400	5.9	620	\$46,230	High school diploma or equivalent	None	Moderate-term on-the-job training
Drywall and Ceiling Tile Installers	47-2081	500	520	20	4.6	40	\$46,380	No formal educational credential	None	Moderate-term on-the-job training
Electricians	47-2111	8,780	9,570	790	9.0	880	\$57,750	High school diploma or equivalent	None	Apprenticeship
Glaziers	47-2121	400	430	20	5.5	40	\$41,620	High school diploma or equivalent	None	Apprenticeship
Insulation Workers, Floor, Ceiling, and Wall	47-2131	670	700	30	3.7	50	\$37,550	No formal educational credential	None	Short-term on-the-job training
Insulation Workers, Mechanical	47-2132	200	210	10	4.4	20	\$45,940	High school diploma or equivalent	None	Apprenticeship
Painters, Construction and Maintenance	47-2141	3,120	3,220	110	3.4	250	\$42,650	No formal educational credential	None	Moderate-term on-the-job training
Paperhangers	47-2142	130	130	10	3.9	10	\$42,910	No formal educational credential	None	Long-term on-the-job training

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Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Typical Entry-Level Education ²	Education and Training Classification	
		2022	2032	Numeric	Percent				Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Pipelayers	47-2151	730	750	20	2.1	60	\$45,160	No formal educational credential	None	Short-term on-the-job training
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-job training
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
Helpers, Construction Trades	47-3000	3,430	3,470	30	1.0	380	N/A			
Helpers--Brickmasons, 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 training
Helpers--Electricians	47-3013	1,600	1,570	-30	-2.0	170	\$37,510	High school diploma or equivalent	None	Short-term on-the-job training
Helpers--Pipefitters, 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 training
Other 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-job training
Elevator and Escalator Installers and Repairers	47-4021	250	250	10	2.8	20	\$93,540	High school diploma or equivalent	None	Apprenticeship
Fence Erectors	47-4031	300	310	10	2.7	30	\$38,620	No formal educational credential	None	Moderate-term on-the-job training
Hazardous Materials Removal Workers	47-4041	290	280	-10	-3.5	30	\$40,180	High school diploma or equivalent	None	Moderate-term on-the-job training
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-job training
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-job training
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-job training
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-job training
Extraction Workers	47-5000	10,650	11,510	860	8.0	1,210	N/A			
Derrick Operators, Oil and Gas	47-5011	500	540	40	7.2	60	\$54,690	No formal educational credential	None	Short-term on-the-job training
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-job training
Service Unit Operators, Oil and Gas	47-5013	2,960	3,200	230	7.9	340	\$49,700	No formal educational credential	None	Moderate-term on-the-job training
Excavating and Loading Machine and Dragline Operators, Surface Mining	47-5022	240	240	0	1.3	20	\$43,980	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
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 training
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 training
Rock Splitters, Quarry	47-5051	160	180	20	11.7	20	\$33,210	No formal educational credential	None	Short-term on-the-job training
Roustabouts, Oil and Gas	47-5071	3,610	3,970	360	10.1	420	\$46,010	No formal educational credential	None	Moderate-term on-the-job training
Helpers--Extraction Workers	47-5081	440	490	50	10.9	60	\$55,100	High school diploma or equivalent	None	Moderate-term on-the-job training
Extraction Workers, All Other	47-5099	60	70	10	10.9	10	\$52,720	High school diploma or equivalent	None	Moderate-term on-the-job training
Installation, Maintenance, and Repair Occupations	49-0000	89,090	94,600	5,510	6.2	8,460	\$49,030			
Supervisors of Installation, Maintenance, and Repair Workers	49-1000	7,980	8,380	400	5.0	710	N/A			
First-Line Supervisors of Mechanics, Installers, and Repairers	49-1011	7,980	8,380	400	5.0	710	\$71,940	High school diploma or equivalent	Less than 5 years	None
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	49-2000	6,110	6,380	260	4.3	610	N/A			
Computer, Automated Teller, and Office Machine Repairers	49-2011	950	900	-50	-4.7	90	\$38,810	Some college, no degree	None	Short-term on-the-job training
Radio, Cellular, and Tower Equipment Installers and Repairers	49-2021	220	230	20	7.4	20	\$41,630	Associate's degree	None	Moderate-term on-the-job training
Telecommunications Equipment Installers and Repairers, Except Line Installers	49-2022	1,680	1,840	160	9.4	190	\$57,050	Postsecondary non-degree award	None	Moderate-term on-the-job training
Avionics Technicians	49-2091	510	520	10	2.0	50	\$63,670	Associate's degree	None	None
Electric Motor, Power Tool, and Related Repairers	49-2092	250	270	20	7.2	20	\$35,780	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-2094	1,010	1,010	-10	-0.6	80	\$65,520	Postsecondary non-degree award	None	Long-term on-the-job training
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095	380	400	20	5.0	40	\$84,580	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
Security and Fire Alarm Systems Installers	49-2098	830	930	100	12.0	100	\$49,930	High school diploma or equivalent	None	Moderate-term on-the-job training
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3000	29,500	30,070	1,010	3.5	2,560	N/A			
Aircraft Mechanics and Service Technicians	49-3011	6,340	6,540	200	3.1	480	\$67,420	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 training
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-job training
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 training
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 training
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 training
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 training
Rail Car Repairers	49-3043	110	110	0	0.0	10	\$47,730	High school diploma or equivalent	None	Long-term on-the-job training
Motorboat Mechanics and Service Technicians	49-3051	230	250	20	8.2	30	\$37,440	High school diploma or equivalent	None	Long-term on-the-job training
Motorcycle Mechanics	49-3052	260	260	10	2.3	30	\$39,420	Postsecondary non-degree award	None	Short-term on-the-job training
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-job training
Bicycle Repairers	49-3091	90	100	10	11.5	10	\$36,230	High school diploma or equivalent	None	Moderate-term on-the-job training
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 training
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 training
Other Installation, Maintenance, and Repair Occupations	49-9000	45,940	49,780	3,840	8.4	4,580	N/A			
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-job training
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	None
Home Appliance Repairers	49-9031	430	440	10	2.6	40	\$38,780	High school diploma or equivalent	None	Moderate-term on-the-job training
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 training
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 training
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 training
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 training
Medical Equipment Repairers	49-9062	460	510	50	10.3	50	\$45,070	Associate's degree	None	Moderate-term on-the-job training
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 training
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-job training
Wind Turbine Service Technicians	49-9081	610	970	360	59.1	110	\$63,320	Postsecondary non-degree award	None	Long-term on-the-job training

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Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Typical Entry-Level Education ²	Education and Training Classification	
		2022	2032	Numeric	Percent				Work Experience in a Related 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	130	140	0	2.3	10	N/A	High school diploma or equivalent	None	None
Helpers--Installation, Maintenance, and Repair Workers	49-9098	1,130	1,180	50	4.3	130	\$34,970	High school diploma or equivalent	None	Short-term on-the-job training
Installation, Maintenance, and Repair Workers, All Other	49-9099	1,320	1,380	60	4.6	130	\$45,200	High school diploma or equivalent	None	Moderate-term on-the-job training
Production Occupations	51-0000	99,050	98,130	-920	-0.9	10,310	\$41,450			
Supervisors of Production Workers	51-1000	8,870	9,090	230	2.6	850	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			
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 Fini	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	8,390	9,310	380	4.3	1,220	N/A			
Bakers	51-3011	1,980	2,140	170	8.4	320	\$29,190	No formal educational credential	None	Moderate-term on-the-job training
Butchers and Meat Cutters	51-3021	1,410	1,450	40	2.9	170	\$29,640	No formal educational credential	None	None
Meat, Poultry, and Fish Cutters and Trimmers	51-3022	1,430	1,480	50	3.4	180	\$33,360	No formal educational credential	None	Short-term on-the-job training
Slaughterers and Meat Packers	51-3023	1,900	1,900	0	0.2	220	N/A	No formal educational credential	None	Short-term on-the-job training
Food Batchmakers	51-3092	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, Meta	51-4033	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	-9.7	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	51-4051	110	110	0	-0.9	10	\$44,900	High school diploma or equivalent	None	Moderate-term on-the-job training
Foundry Mold and Coremakers	51-4071	130	100	-20	-18.4	10	\$34,180	High school diploma or equivalent	None	Moderate-term on-the-job training
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plasti	51-4072	1,350	1,310	-40	-2.7	110	\$35,700	High school diploma or equivalent	None	Moderate-term on-the-job training
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4081	2,000	2,040	50	2.3	200	\$39,350	High school diploma or equivalent	None	Moderate-term on-the-job training
Tool and Die Makers	51-4111	220	210	-10	-3.2	20	\$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	\$41,620	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	190	-70	-25.7	20	\$26,510	No formal educational credential	None	Short-term on-the-job training
Sewing Machine Operators	51-6031	960	840	-110	-11.9	90	\$30,510	No formal educational credential	None	Short-term on-the-job training
Tailors, Dressmakers, and Custom Sewers	51-6052	130	110	-20	-12.0	10	\$37,210	No formal educational credential	None	Moderate-term on-the-job training
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	51-6091	110	110	0	1.8	10	\$37,780	High school diploma or equivalent	None	Moderate-term on-the-job training
Upholsterers	51-6093	140	140	0	0.7	10	\$37,600	High school diploma or equivalent	None	Moderate-term on-the-job training
Textile, Apparel, and Furnishings Workers, All Other	51-6099	100	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			
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	-1.5	3,040	N/A			
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

Oklahoma Long-Term Occupational Outlook, 2022-2032

Occupation Title	SOC Code	Employment		Employment Change		Average Annual Openings	Median Annual Wage 2023 ¹	Typical Entry-Level Education ²	Education and Training Classification	
		2022	2032	Numeric	Percent				Work Experience in a Related Occupation ³	Typical on-the-job Training ⁴
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	51-9012	620	620	0	-0.2	60	\$49,520	High school diploma or equivalent	None	Moderate-term on-the-job training
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	51-9021	600	600	0	0.3	60	\$38,250	High school diploma or equivalent	None	Moderate-term on-the-job training
Grinding and Polishing Workers, Hand	51-9022	340	280	-60	-16.9	30	\$30,430	No formal educational credential	None	Moderate-term on-the-job training
Mixing and Blending Machine Setters, Operators, and Tenders	51-9023	1,140	1,190	50	3.9	120	\$45,540	High school diploma or equivalent	None	Moderate-term on-the-job training
Cutters and Trimmers, Hand	51-9031	140	110	-40	-26.1	10	\$29,000	No formal educational credential	None	Short-term on-the-job training
Cutting and Slicing Machine Setters, Operators, and Tenders	51-9032	710	690	-20	-3.1	70	\$39,520	High school diploma or equivalent	None	Moderate-term on-the-job training
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
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9051	230	230	0	-0.4	30	\$39,630	High school diploma or equivalent	None	Moderate-term on-the-job training
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
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
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
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
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
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
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
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
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
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
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
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	51-9192	450	470	20	5.4	50	\$38,910	High school diploma or equivalent	None	Moderate-term on-the-job training
Molders, Shapers, and Casters, Except Metal and Plastic	51-9195	630	650	20	2.7	80	\$40,460	High school diploma or equivalent	None	Long-term on-the-job training
Paper Goods Machine Setters, Operators, and Tenders	51-9196	890	860	-30	-3.1	100	\$59,660	High school diploma or equivalent	None	Moderate-term on-the-job training
Helpers--Production Workers	51-9198	2,180	2,030	-150	-6.9	310	\$33,430	High school diploma or equivalent	None	Short-term on-the-job training
Production Workers, All Other	51-9199	1,160	1,170	10	0.4	120	\$33,010	High school diploma or equivalent	None	Moderate-term on-the-job training
Transportation and Material Moving Occupations	53-0000	155,090	166,940	11,850	7.6	21,240	\$36,240			
Supervisors of Transportation and Material Moving Workers	53-1000	6,800	7,290	500	7.3	750	N/A			
First Line Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handli	53-1047	6,790	7,280	500	7.3	750	\$60,250	High school diploma or equivalent	Less than 5 years	None
Air Transportation Workers	53-2000	980	1,030	40	4.3	110	N/A			
Airline Pilots, Copilots, and Flight Engineers	53-2011	230	230	0	1.8	30	\$124,760	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
Commercial Pilots	53-2012	410	440	30	6.3	50	\$96,340	Postsecondary non-degree award	None	Moderate-term on-the-job training
Air Traffic Controllers	53-2021	270	270	0	1.5	20	\$115,170	Associate's degree	None	Long-term on-the-job training
Motor Vehicle Operators	53-3000	54,150	58,910	4,760	8.8	6,630	N/A			
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	53-3011	190	180	-10	-3.2	30	\$28,970	High school diploma or equivalent	None	Moderate-term on-the-job training
Driver/Sales Workers	53-3031	6,940	7,890	960	13.8	870	\$27,570	High school diploma or equivalent	None	Short-term on-the-job training
Heavy and Tractor-Trailer Truck Drivers	53-3032	28,050	30,090	2,040	7.3	3,220	\$48,820	Postsecondary non-degree award	None	Short-term on-the-job training
Light Truck Drivers	53-3033	11,680	12,740	1,060	9.1	1,370	\$36,320	High school diploma or equivalent	None	Short-term on-the-job training
Bus Drivers, School	53-3051	3,850	4,040	190	4.9	620	\$33,810	High school diploma or equivalent	None	Short-term on-the-job training
Bus Drivers, Transit and Intercity	53-3052	1,020	1,150	130	12.7	150	\$39,480	High school diploma or equivalent	None	Moderate-term on-the-job training
Shuttle Drivers and Chauffeurs	53-3053	1,310	1,510	200	15.4	210	\$28,400	No formal educational credential	None	Short-term on-the-job training
Taxi Drivers	53-3054	610	750	150	23.9	80	\$32,060	No formal educational credential	None	Short-term on-the-job training
Motor Vehicle Operators, All Other	53-3099	500	550	50	8.9	80	\$53,500	No formal educational credential	None	Short-term on-the-job training
Rail Transportation Workers	53-4000	1,100	1,100	0	0.3	90	N/A			
Locomotive Engineers	53-4011	440	450	0	0.2	40	\$84,360	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Other Transportation Workers	53-6000	2,260	2,300	50	2.1	310	N/A			
Parking Attendants	53-6021	640	630	0	-0.6	90	\$28,000	No formal educational credential	None	Short-term on-the-job training
Automotive and Watercraft Service Attendants	53-6031	950	980	30	3.2	140	\$28,910	No formal educational credential	None	Short-term on-the-job training
Aircraft Service Attendants	53-6032	150	160	10	4.7	20	\$32,020	High school diploma or equivalent	None	Short-term on-the-job training
Transportation Inspectors	53-6051	370	380	10	2.1	40	\$91,100	High school diploma or equivalent	None	Moderate-term on-the-job training
Material Moving Workers	53-7000	89,750	96,240	6,490	7.2	13,350	N/A			
Conveyor Operators and Tenders	53-7011	500	520	30	5.4	50	\$32,970	No formal educational credential	None	Short-term on-the-job training
Crane and Tower Operators	53-7021	590	620	30	5.1	60	\$56,410	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Industrial Truck and Tractor Operators	53-7051	11,230	11,650	420	3.7	1,140	\$44,350	No formal educational credential	None	Short-term on-the-job training
Cleaners of Vehicles and Equipment	53-7061	4,650	4,850	200	4.3	640	\$28,670	No formal educational credential	None	Short-term on-the-job training
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	31,840	34,070	2,230	7.0	4,480	\$34,590	No formal educational credential	None	Short-term on-the-job training
Machine Feeders and Offbearers	53-7063	120	130	0	2.4	20	\$33,100	No formal educational credential	None	Short-term on-the-job training
Packers and Packagers, Hand	53-7064	2,870	2,980	100	3.6	430	\$30,710	No formal educational credential	None	Short-term on-the-job training
Stockers and Order Fillers	53-7065	34,260	37,570	3,320	9.7	6,080	\$32,800	High school diploma or equivalent	None	Short-term on-the-job training
Pump Operators, Except Wellhead Pumps	53-7072	330	350	20	5.2	40	\$61,610	High school diploma or equivalent	None	Moderate-term on-the-job training
Wellhead Pumps	53-7073	650	710	60	9.0	70	\$61,380	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
Refuse and Recyclable Material Collectors	53-7081	2,330	2,410	80	3.2	300	\$37,030	No formal educational credential	None	Short-term on-the-job training
Tank Car, Truck, and Ship Loaders	53-7121	280	280	0	2.2	30	\$43,790	No formal educational credential	None	Short-term on-the-job training

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.

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.