

OKLAHOMA SHORT-TERM OCCUPATIONAL OUTLOOK, 2023 - 2025

SOC Code	Occupation Title	Employment		Employment Change		Annual Total Openings ¹	Education and Training Classification		
		2023	2025	Number	Percent		Typical Entry-Level Education ²	Work Experience in	
								a Related Occupation ³	Typical on-the-job Training ⁴
00-0000	Total, All Occupations	1,882,350	1,902,210	19,860	1.06	216,490			
11-0000	Management Occupations	128,640	129,880	1,240	0.96	10,740			
11-1000	Top Executives	48,140	48,670	530	1.11	4,000			
11-1011	Chief Executives	5,090	5,010	-80	-1.55	290	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	42,520	43,120	600	1.41	3,670	Bachelor's degree	5 years or more	None
11-1031	Legislators	520	540	10	2.48	40	Bachelor's degree	Less than 5 years	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	5,580	5,610	30	0.45	430			
11-2011	Advertising and Promotions Managers	250	250	0	0.40	20	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	1,600	1,620	20	1.06	130	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	2,980	2,990	0	0.13	220	Bachelor's degree	Less than 5 years	None
11-2032	Public Relations Managers	500	500	0	0.60	40	Bachelor's degree	5 years or more	None
11-2033	Fundraising Managers	250	250	0	0.00	20	Bachelor's degree	5 years or more	None
11-3000	Operations Specialties Managers	20,240	20,670	430	2.11	1,650			
11-3012	Administrative Services Managers	4,740	4,820	70	1.56	400	Bachelor's degree	Less than 5 years	None
11-3013	Facilities Managers	770	780	10	1.69	60	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	3,530	3,650	120	3.40	290	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	5,690	5,870	180	3.09	470	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	1,550	1,550	10	0.84	110	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	420	420	0	0.48	30	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	1,640	1,650	10	0.61	130	High school diploma or equivalent	5 years or more	None
11-3111	Compensation and Benefits Managers	140	140	0	0.73	10	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	1,530	1,550	20	1.11	120	Bachelor's degree	5 years or more	None
11-3131	Training and Development Managers	240	240	0	0.83	20	Bachelor's degree	5 years or more	None
11-9000	Other Management Occupations	54,680	54,940	250	0.46	4,660			
11-9021	Construction Managers	4,200	4,250	60	1.33	330	Bachelor's degree	None	Moderate-term on-the-job training
11-9031	Education and Childcare Administrators, Preschool and Daycare	820	820	0	-0.24	50	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Kindergarten through Secondary	3,900	3,940	50	1.21	280	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	2,580	2,570	-10	-0.43	160	Master's degree	Less than 5 years	None
11-9039	Education Administrators, All Other	400	410	0	0.50	30	Bachelor's degree	Less than 5 years	None
11-9041	Architectural and Engineering Managers	1,960	1,970	10	0.61	130	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	3,630	3,620	-10	-0.33	390	High school diploma or equivalent	Less than 5 years	Short-term on-the-job training
11-9071	Gambling Managers	300	310	10	1.99	40	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	400	400	0	0.00	40	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	7,620	8,130	500	6.61	800	Bachelor's degree	Less than 5 years	None
11-9121	Natural Sciences Managers	280	280	10	1.79	20	Bachelor's degree	5 years or more	None
11-9131	Postmasters and Mail Superintendents	230	220	0	-0.88	20	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	3,880	3,920	50	1.19	320	High school diploma or equivalent	Less than 5 years	Short-term on-the-job training
11-9151	Social and Community Service Managers	1,460	1,490	30	2.06	130	Bachelor's degree	Less than 5 years	None
11-9161	Emergency Management Directors	310	320	10	2.89	30	Bachelor's degree	5 years or more	None
11-9171	Funeral Home Managers	740	720	-20	-2.43	40	Associate's degree	Less than 5 years	None
11-9179	Personal Service Managers, All Other	200	200	0	-1.02	10	High school diploma or equivalent	Less than 5 years	None
11-9199	Managers, All Other	5,480	5,450	-30	-0.53	380	Bachelor's degree	Less than 5 years	None
13-0000	Business and Financial Operations Occupations	105,280	106,880	1,600	1.52	9,120			
13-1000	Business Operations Specialists	69,240	70,220	980	1.42	6,110			
13-1020	Buyers and Purchasing Agents	5,350	5,290	-70	-1.21	450	Bachelor's degree	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	3,720	3,690	-30	-0.89	230	High school diploma or equivalent	None	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	60	50	0	-1.82	0	Postsecondary non-degree award	None	Moderate-term on-the-job training
13-1041	Compliance Officers	5,940	6,010	80	1.28	490	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	2,330	2,350	20	1.03	200	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	9,130	9,290	160	1.74	830	Bachelor's degree	None	None
13-1075	Labor Relations Specialists	820	810	-10	-0.74	60	Bachelor's degree	Less than 5 years	None
13-1081	Logisticians	3,990	4,130	140	3.53	390	Bachelor's degree	None	None
13-1082	Project Management Specialists	8,390	8,540	160	1.86	660	Bachelor's degree	None	None
13-1111	Management Analysts	5,780	5,930	150	2.61	550	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	1,390	1,400	10	0.79	150	Bachelor's degree	None	None
13-1131	Fundraisers	1,300	1,300	0	-0.15	90	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	1,210	1,240	30	2.06	100	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	4,460	4,540	80	1.79	410	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	7,320	7,520	200	2.69	760	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	7,920	7,990	70	0.85	710	Bachelor's degree	None	None
13-2000	Financial Specialists	36,050	36,660	620	1.71	3,010			
13-2011	Accountants and Auditors	19,480	19,820	350	1.78	1,670	Bachelor's degree	None	None
13-2020	Property Appraisers and Assessors	1,390	1,420	30	2.23	130	Bachelor's degree	None	Long-term on-the-job training
13-2031	Budget Analysts	560	570	10	0.89	40	Bachelor's degree	None	None
13-2041	Credit Analysts	920	920	0	0.33	70	Bachelor's degree	None	None
13-2051	Financial and Investment Analysts	1,590	1,620	20	1.32	110	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	2,220	2,270	60	2.48	170	Bachelor's degree	None	Long-term on-the-job training
13-2053	Insurance Underwriters	990	990	10	-0.60	60	Bachelor's degree	None	Moderate-term on-the-job training
13-2054	Financial Risk Specialists	270	280	10	1.84	20	Bachelor's degree	None	None
13-2061	Financial Examiners	330	340	10	3.93	30	Bachelor's degree	None	Long-term on-the-job training
13-2071	Credit Counselors	200	200	0	1.49	20	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	5,380	5,470	90	1.60	410	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
13-2081	Tax Examiners and Collectors, and Revenue Agents	340	350	10	2.05	30	Bachelor's degree	None	Moderate-term on-the-job training
13-2082	Tax Preparers	1,840	1,880	40	2.18	230	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	530	540	10	1.50	40	Bachelor's degree	None	None
15-0000	Computer and Mathematical Occupations	39,480	40,810	1,330	3.36	3,040			
15-1200	Computer Occupations	36,580	37,720	1,140	3.12	2,770			
15-1211	Computer Systems Analysts	3,690	3,810	120	3.20	280	Bachelor's degree	None	None
15-1212	Information Security Analysts	1,050	1,120	70	6.18	100	Bachelor's degree	Less than 5 years	None
15-1221	Computer and Information Research Scientists	510	530	20	4.54	50	Master's degree	None	None
15-1231	Computer Network Support Specialists	2,360	2,390	30	1.15	170	Associate's degree	None	Moderate-term on-the-job training
15-1232	Computer User Support Specialists	8,020	8,130	110	1.35	580	Some college, no degree	None	Moderate-term on-the-job training

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15-1241	Computer Network Architects	1,850	1,890	40	2.06	120	Bachelor's degree	5 years or more	None
15-1242	Database Administrators	1,280	1,300	30	1.96	90	Bachelor's degree	None	None
15-1243	Database Architects	490	510	20	4.72	40	Bachelor's degree	Less than 5 years	None
15-1244	Network and Computer Systems Administrators	2,880	2,900	20	0.69	170	Bachelor's degree	None	None
15-1251	Computer Programmers	990	990	0	-0.20	60	Bachelor's degree	None	None
15-1252	Software Developers	8,290	8,800	520	6.24	710	Bachelor's degree	None	None
15-1253	Software Quality Assurance Analysts and Testers	1,020	1,060	40	4.12	80	Bachelor's degree	None	None
15-1254	Web Developers	600	630	20	3.81	50	Bachelor's degree	None	None
15-1255	Web and Digital Interface Designers	760	780	20	2.37	60	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	2,790	2,890	100	3.47	220	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	2,900	3,090	180	6.34	270			
15-2031	Operations Research Analysts	480	500	20	4.38	40	Bachelor's degree	None	None
15-2041	Statisticians	160	170	10	5.00	10	Master's degree	None	None
15-2051	Data Scientists	2,180	2,340	150	7.01	210	Bachelor's degree	None	None
17-0000	Architecture and Engineering Occupations	27,680	27,920	240	0.87	1,990			
17-1000	Architects, Surveyors, and Cartographers	2,280	2,290	10	0.48	150			
17-1011	Architects, Except Landscape and Naval	1,050	1,050	0	1.08	60	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	80	80	0	-1.32	10	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	110	110	0	-0.93	10	Bachelor's degree	None	None
17-1022	Surveyors	1,050	1,060	10	0.76	70	Bachelor's degree	None	Internship/residency
17-2000	Engineers	17,090	17,310	210	1.25	1,050			
17-2011	Aerospace Engineers	1,480	1,500	20	1.55	90	Bachelor's degree	None	None
17-2021	Agricultural Engineers	110	110	0	-0.94	10	Bachelor's degree	None	None
17-2041	Chemical Engineers	350	350	0	2.61	20	Bachelor's degree	None	None
17-2051	Civil Engineers	2,720	2,780	60	2.02	190	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	160	160	0	0.00	10	Bachelor's degree	None	None
17-2071	Electrical Engineers	1,910	1,930	10	0.73	110	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	1,530	1,540	10	0.85	90	Bachelor's degree	None	None
17-2081	Environmental Engineers	560	560	0	1.08	40	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	650	660	10	1.38	40	Bachelor's degree	None	None
17-2112	Industrial Engineers	2,270	2,310	40	1.90	150	Bachelor's degree	None	None
17-2121	Materials Engineers	280	280	0	-0.72	20	Bachelor's degree	None	None
17-2141	Mechanical Engineers	2,110	2,140	30	1.42	130	Bachelor's degree	None	None
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	250	250	0	0.00	10	Bachelor's degree	None	None
17-2171	Petroleum Engineers	1,510	1,510	0	-0.07	80	Bachelor's degree	None	None
17-2199	Engineers, All Other	1,180	1,200	10	1.10	70	Bachelor's degree	None	None
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	8,300	8,320	20	0.20	790			
17-3011	Architectural and Civil Drafters	1,530	1,530	0	-0.07	140	Associate's degree	None	None
17-3012	Electrical and Electronics Drafters	300	300	0	-0.33	20	Associate's degree	None	None
17-3013	Mechanical Drafters	770	760	-10	-1.69	60	Associate's degree	None	None
17-3021	Aerospace Engineering and Operations Technologists and Technicians	220	220	0	0.00	20	Associate's degree	None	None
17-3022	Civil Engineering Technologists and Technicians	450	450	0	0.89	40	Associate's degree	None	None
17-3023	Electrical and Electronics Engineering Technologists and Technicians	1,230	1,230	0	-0.08	120	Associate's degree	None	None
17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	220	220	0	0.00	20	Associate's degree	None	None
17-3025	Environmental Engineering Technologists and Technicians	400	410	0	0.50	40	Associate's degree	None	None
17-3026	Industrial Engineering Technologists and Technicians	830	850	10	1.58	80	Associate's degree	None	None
17-3027	Mechanical Engineering Technologists and Technicians	230	230	0	-0.43	20	Associate's degree	None	None
17-3028	Calibration Technologists and Technicians	80	80	0	3.85	10	Associate's degree	None	None
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	780	790	0	0.51	70	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	1,240	1,240	0	0.65	150	High school diploma or equivalent	None	Moderate-term on-the-job training
19-0000	Life, Physical, and Social Science Occupations	12,110	12,330	220	1.81	1,200			
19-1000	Life Scientists	1,780	1,820	40	2.13	140			
19-1013	Soil and Plant Scientists	180	180	0	0.56	10	Bachelor's degree	None	None
19-1023	Zoologists and Wildlife Biologists	130	130	0	0.00	10	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	450	450	0	0.22	30	Bachelor's degree	None	None
19-1031	Conservation Scientists	310	310	0	1.29	30	Bachelor's degree	None	None
19-1032	Foresters	90	90	0	3.37	10	Bachelor's degree	None	None
19-1041	Epidemiologists	90	100	10	6.45	10	Master's degree	None	None
19-1042	Medical Scientists, Except Epidemiologists	420	440	20	4.27	30	Doctoral or professional degree	None	None
19-2000	Physical Scientists	1,990	2,030	30	1.66	170			
19-2021	Atmospheric and Space Scientists	160	160	0	0.00	10	Bachelor's degree	None	None
19-2031	Chemists	580	600	20	3.29	50	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	470	480	10	2.77	40	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	630	630	0	0.16	50	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	90	90	0	0.00	10	Bachelor's degree	None	None
19-3000	Social Scientists and Related Workers	2,870	2,910	40	1.36	220			
19-3011	Economists	90	90	0	3.49	10	Master's degree	None	None
19-3033	Clinical and Counseling Psychologists	440	460	20	3.88	30	Doctoral or professional degree	None	Internship/residency
19-3034	School Psychologists	560	570	10	1.07	40	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	460	460	0	-0.44	30	Master's degree	None	Internship/residency
19-3051	Urban and Regional Planners	840	840	0	0.60	70	Master's degree	None	None
19-3091	Anthropologists and Archeologists	80	90	0	2.41	10	Master's degree	None	None
19-3093	Historians	110	120	0	3.60	10	Master's degree	None	None
19-4000	Life, Physical, and Social Science Technicians	3,700	3,750	50	1.33	460			
19-4012	Agricultural Technicians	250	250	0	1.22	30	Associate's degree	None	Moderate-term on-the-job training
19-4013	Food Science Technicians	180	180	0	1.71	30	Associate's degree	None	Moderate-term on-the-job training
19-4021	Biological Technicians	590	600	10	1.88	80	Bachelor's degree	None	None
19-4031	Chemical Technicians	700	700	0	0.29	80	Associate's degree	None	Moderate-term on-the-job training
19-4042	Environmental Science and Protection Technicians, Including Health	310	320	10	3.59	40	Associate's degree	None	None
19-4043	Geological Technicians, Except Hydrologic Technicians	430	430	0	-0.23	40	Associate's degree	None	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	130	130	0	3.20	20	Bachelor's degree	None	None
19-4071	Forest and Conservation Technicians	150	150	0	0.65	20	Associate's degree	None	None
19-4092	Forensic Science Technicians	190	200	0	2.08	30	Bachelor's degree	None	Moderate-term on-the-job training

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19-4099	Life, Physical, and Social Science Technicians, All Other	750	760	10	1.47	100	Associate's degree	None	None
19-5000	Occupational Health and Safety Specialists and Technicians	1,770	1,830	60	3.40	220			
19-5011	Occupational Health and Safety Specialists	1,500	1,550	50	3.61	190	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	270	280	10	2.21	30	High school diploma or equivalent	None	Moderate-term on-the-job training
21-0000	Community and Social Service Occupations	36,490	37,110	630	1.72	3,340			
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	29,460	30,140	680	2.31	2,720			
21-1012	Educational, Guidance, and Career Counselors and Advisors	4,800	4,860	60	1.25	370	Master's degree	None	None
21-1013	Marriage and Family Therapists	1,450	1,520	70	4.85	130	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	1,880	1,890	10	0.64	150	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	6,010	6,310	300	4.96	660	Bachelor's degree	None	None
21-1021	Child, Family, and School Social Workers	5,900	5,920	20	0.30	460	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	2,770	2,860	90	3.29	280	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	930	950	30	2.92	80	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	400	400	10	1.52	30	Bachelor's degree	None	None
21-1091	Health Education Specialists	1,130	1,160	30	2.48	130	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	900	900	0	0.44	70	Bachelor's degree	None	Moderate-term on-the-job training
21-1093	Social and Human Service Assistants	2,280	2,330	50	2.15	260	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1094	Community Health Workers	480	490	10	2.94	60	High school diploma or equivalent	None	Short-term on-the-job training
21-2000	Religious Workers	7,030	6,970	-60	-0.80	630			
21-2011	Clergy	3,580	3,660	-30	-0.68	290	Bachelor's degree	None	Moderate-term on-the-job training
23-0000	Legal Occupations	13,530	13,670	150	1.08	890			
23-1000	Lawyers, Judges, and Related Workers	8,650	8,750	100	1.20	390			
23-1011	Lawyers	7,590	7,700	110	1.40	350	Doctoral or professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	110	110	0	0.00	0	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	880	880	0	-0.23	30	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-2000	Legal Support Workers	4,880	4,920	40	0.86	500			
23-2011	Paralegals and Legal Assistants	2,860	2,890	30	1.08	310	Associate's degree	None	None
23-2093	Title Examiners, Abstractors, and Searchers	1,870	1,880	10	0.54	180	High school diploma or equivalent	None	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	150	150	0	0.68	20	Associate's degree	None	None
25-0000	Educational Instruction and Library Occupations	106,870	107,980	1,110	1.04	9,700			
25-1000	Postsecondary Teachers	16,120	16,180	60	0.37	1,290			
25-1011	Business Teachers, Postsecondary	960	960	0	0.00	70	Doctoral or professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	430	430	0	-0.23	30	Doctoral or professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	580	580	0	-0.52	40	Doctoral or professional degree	None	None
25-1031	Architecture Teachers, Postsecondary	70	60	0	-1.54	10	Doctoral or professional degree	None	None
25-1032	Engineering Teachers, Postsecondary	250	250	0	0.40	20	Doctoral or professional degree	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	80	80	0	-1.20	10	Doctoral or professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	480	480	0	0.21	40	Doctoral or professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	310	310	0	-0.65	20	Doctoral or professional degree	None	None
25-1054	Physics Teachers, Postsecondary	90	90	0	-1.09	10	Doctoral or professional degree	None	None
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	200	200	0	-0.51	10	Doctoral or professional degree	None	None
25-1063	Economics Teachers, Postsecondary	80	80	0	-1.27	10	Doctoral or professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	150	150	0	-1.34	10	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	460	460	0	-0.44	40	Doctoral or professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	130	130	0	0.00	10	Doctoral or professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	2,880	2,940	60	2.19	260	Doctoral or professional degree	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	760	780	20	3.17	70	Doctoral or professional degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	620	610	-10	-0.81	50	Doctoral or professional degree	Less than 5 years	None
25-1082	Library Science Teachers, Postsecondary	50	50	0	0.00	0	Doctoral or professional degree	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	80	80	0	-1.19	10	Doctoral or professional degree	None	None
25-1112	Law Teachers, Postsecondary	70	70	0	0.00	10	Doctoral or professional degree	Less than 5 years	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	1,250	1,240	-10	-0.96	90	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	310	310	0	-0.64	20	Doctoral or professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	690	680	-10	-1.01	50	Doctoral or professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	100	100	0	-0.99	10	Doctoral or professional degree	None	None
25-1125	History Teachers, Postsecondary	230	230	0	-0.85	20	Doctoral or professional degree	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	220	210	0	-1.40	20	Doctoral or professional degree	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	340	340	0	-0.89	30	Doctoral or professional degree	None	None
25-1194	Career/Technical Education Teachers, Postsecondary	2,220	2,260	40	1.58	190	Bachelor's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	1,910	1,900	-10	-0.73	140	Doctoral or professional degree	None	None
25-2000	Preschool, Elementary, Middle, Secondary, and Special Education Teachers	57,780	58,500	710	1.24	4,410			
25-2011	Preschool Teachers, Except Special Education	6,240	6,310	70	1.04	690	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	1,650	1,670	20	1.46	190	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	16,820	17,020	210	1.24	1,230	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	7,410	7,500	90	1.26	540	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	20,610	20,880	270	1.32	1,410	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	830	830	10	0.73	50	Bachelor's degree	Less than 5 years	None
25-2051	Special Education Teachers, Preschool	80	80	0	0.00	0	Bachelor's degree	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,640	1,660	20	1.09	120	Bachelor's degree	None	None
25-2057	Special Education Teachers, Middle School	540	540	10	1.12	40	Bachelor's degree	None	None
25-2058	Special Education Teachers, Secondary School	1,900	1,920	20	1.10	140	Bachelor's degree	None	None
25-3000	Other Teachers and Instructors	10,030	10,150	130	1.26	1,340			
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	330	330	0	-1.21	40	Bachelor's degree	None	None
25-3021	Self-Enrichment Teachers	3,140	3,170	30	0.95	390	High school diploma or equivalent	Less than 5 years	None
25-3031	Substitute Teachers, Short-Term	4,050	4,110	70	1.68	520	Bachelor's degree	None	None
25-3041	Tutors	1,560	1,580	20	1.28	280	Some college, no degree	None	None
25-3099	Teachers and Instructors, All Other	940	960	10	1.27	120	Bachelor's degree	None	None
25-4000	Librarians, Curators, and Archivists	3,740	3,790	60	1.58	480			
25-4011	Archivists	200	200	0	1.51	30	Master's degree	None	None
25-4012	Curators	170	180	0	2.30	20	Master's degree	None	None
25-4013	Museum Technicians and Conservators	280	290	10	2.50	40	Bachelor's degree	None	None
25-4022	Librarians and Media Collections Specialists	1,960	2,000	40	1.83	200	Master's degree	None	None
25-4031	Library Technicians	1,120	1,130	10	0.80	190	Postsecondary non-degree award	None	None

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SOC Code	Occupation Title	Employment		Employment Change		Education and Training Classification			
		2023	2025	Number	Percent	Annual Total Openings ¹	Typical Entry-Level Education ²	Work Experience in	
								a Related Occupation ³	Typical on-the-job Training ⁴
25-9000	Other Educational Instruction and Library Occupations	19,200	19,350	150	0.79	2,180			
25-9031	Instructional Coordinators	3,330	3,340	10	0.39	290	Master's degree	5 years or more	None
25-9044	Teaching Assistants, Postsecondary	1,490	1,490	0	-0.13	170	Bachelor's degree	None	None
25-9045	Teaching Assistants, Except Postsecondary	13,470	13,610	140	1.02	1,640	Some college, no degree	None	None
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	24,210	24,110	-100	-0.40	2,400			
27-1000	Art and Design Workers	7,020	7,020	0	-0.06	660			
27-1011	Art Directors	340	340	0	-0.87	30	Bachelor's degree	5 years or more	None
27-1012	Craft Artists	430	420	-10	-1.86	40	No formal educational credential	None	Long-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	150	0	-1.91	10	Bachelor's degree	None	Long-term on-the-job training
27-1014	Special Effects Artists and Animators	180	180	0	-0.56	20	Bachelor's degree	None	None
27-1021	Commercial and Industrial Designers	210	210	0	0.47	10	Bachelor's degree	None	None
27-1023	Floral Designers	660	640	-20	-2.89	60	High school diploma or equivalent	None	Moderate-term on-the-job training
27-1024	Graphic Designers	2,080	2,080	0	0.00	170	Bachelor's degree	None	None
27-1025	Interior Designers	620	630	10	1.29	60	Bachelor's degree	None	None
27-1026	Merchandise Displayers and Window Trimmers	1,820	1,840	20	1.27	230	High school diploma or equivalent	None	Short-term on-the-job training
27-1027	Set and Exhibit Designers	230	230	0	-1.30	20	Bachelor's degree	None	None
27-1029	Designers, All Other	270	270	0	0.37	20	Bachelor's degree	None	None
27-2000	Entertainers and Performers, Sports and Related Workers	7,930	7,910	-10	-0.16	960			
27-2012	Producers and Directors	910	890	-20	-2.19	60	Bachelor's degree	Less than 5 years	None
27-2021	Athletes and Sports Competitors	140	140	0	-1.46	20	No formal educational credential	None	Long-term on-the-job training
27-2022	Coaches and Scouts	3,200	3,250	50	1.66	430	Bachelor's degree	None	None
27-2023	Umpires, Referees, and Other Sports Officials	300	300	10	2.03	70	High school diploma or equivalent	None	Moderate-term on-the-job training
27-2032	Choreographers	110	110	0	2.80	20	High school diploma or equivalent	5 years or more	Long-term on-the-job training
27-2041	Music Directors and Composers	750	740	-10	-1.60	70	Bachelor's degree	Less than 5 years	None
27-2042	Musicians and Singers	2,250	2,220	-30	-1.47	270	No formal educational credential	None	Long-term on-the-job training
27-2091	Disc Jockeys, Except Radio	110	100	0	-1.90	10	High school diploma or equivalent	None	Short-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	70	70	0	-1.49	10	No formal educational credential	None	Short-term on-the-job training
27-3000	Media and Communication Workers	6,160	6,120	-40	-0.63	530			
27-3011	Broadcast Announcers and Radio Disc Jockeys	220	210	-10	-5.02	20	Bachelor's degree	None	None
27-3023	News Analysts, Reporters, and Journalists	520	500	-20	-3.68	40	Bachelor's degree	None	None
27-3031	Public Relations Specialists	2,360	2,380	10	0.59	190	Bachelor's degree	None	None
27-3041	Editors	710	680	-30	-3.93	60	Bachelor's degree	None	None
27-3042	Technical Writers	910	920	10	1.20	90	Bachelor's degree	Less than 5 years	None
27-3043	Writers and Authors	790	780	-10	-1.15	70	Bachelor's degree	None	Long-term on-the-job training
27-3091	Interpreters and Translators	610	610	0	0.49	60	Bachelor's degree	None	None
27-4000	Media and Communication Equipment Workers	3,100	3,060	-40	-1.32	250			
27-4011	Audio and Video Technicians	670	670	-10	-1.04	60	Postsecondary non-degree award	None	Short-term on-the-job training
27-4012	Broadcast Technicians	330	320	-10	-3.05	20	Associate's degree	None	Short-term on-the-job training
27-4021	Photographers	1,440	1,430	-10	-0.70	120	High school diploma or equivalent	None	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Film	160	160	0	-2.44	10	Bachelor's degree	None	None
27-4032	Film and Video Editors	310	300	-10	-2.56	20	Bachelor's degree	None	None
27-4099	Media and Communication Equipment Workers, All Other	90	90	0	0.00	10	High school diploma or equivalent	None	Short-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	125,580	129,600	4,020	3.20	9,250			
29-1000	Health Diagnosing or Treating Practitioners	74,530	76,820	2,490	3.35	4,850			
29-1011	Chiropractors	700	720	20	2.58	40	Doctoral or professional degree	None	None
29-1021	Dentists, General	1,570	1,610	40	2.74	70	Doctoral or professional degree	None	None
29-1029	Dentists, All Other Specialists	90	90	0	1.09	0	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	990	1,010	20	2.23	70	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	570	590	20	4.24	30	Doctoral or professional degree	None	None
29-1051	Pharmacists	4,220	4,310	90	2.16	200	Doctoral or professional degree	None	None
29-1071	Physician Assistants	1,700	1,810	120	6.78	140	Master's degree	None	None
29-1122	Occupational Therapists	1,050	1,100	40	4.18	80	Master's degree	None	None
29-1123	Physical Therapists	2,500	2,620	110	4.56	160	Doctoral or professional degree	None	None
29-1124	Radiation Therapists	240	250	10	2.46	10	Associate's degree	None	None
29-1125	Recreational Therapists	210	210	0	0.47	20	Bachelor's degree	None	None
29-1126	Respiratory Therapists	2,410	2,510	100	4.02	170	Associate's degree	None	None
29-1127	Speech-Language Pathologists	2,260	2,390	140	5.98	190	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	530	530	0	0.38	30	Bachelor's degree	None	None
29-1131	Veterinarians	1,140	1,190	40	3.85	60	Doctoral or professional degree	None	None
29-1141	Registered Nurses	38,450	39,500	1,050	2.72	2,620	Bachelor's degree	None	None
29-1171	Nurse Practitioners	3,110	3,430	310	9.99	300	Master's degree	None	None
29-1181	Audiologists	70	80	0	4.05	10	Doctoral or professional degree	None	None
29-1213	Dermatologists	310	320	10	3.27	10	Doctoral or professional degree	None	Internship/residency
29-1214	Emergency Medicine Physicians	170	180	10	3.47	10	Doctoral or professional degree	None	Internship/residency
29-1215	Family Medicine Physicians	1,780	1,830	50	2.58	70	Doctoral or professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	970	1,010	30	3.18	40	Doctoral or professional degree	None	Internship/residency
29-1217	Neurologists	60	60	0	1.59	0	Doctoral or professional degree	None	Internship/residency
29-1221	Pediatricians, General	100	100	0	2.08	0	Doctoral or professional degree	None	Internship/residency
29-1222	Physicians, Pathologists	160	170	10	3.11	10	Doctoral or professional degree	None	Internship/residency
29-1223	Psychiatrists	170	180	10	3.55	10	Doctoral or professional degree	None	Internship/residency
29-1224	Radiologists	850	880	30	3.18	40	Doctoral or professional degree	None	Internship/residency
29-1229	Physicians, All Other	2,310	2,360	50	2.07	90	Doctoral or professional degree	None	Internship/residency
29-1249	Surgeons, All Other	590	600	20	2.74	20	Doctoral or professional degree	None	Internship/residency
29-1292	Dental Hygienists	2,630	2,740	110	4.29	230	Associate's degree	None	None
29-2000	Health Technologists and Technicians	48,250	49,670	1,410	2.92	4,160			
29-2010	Clinical Laboratory Technologists and Technicians	6,070	6,250	170	2.87	480	Bachelor's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	1,050	1,070	30	2.38	80	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	1,180	1,230	50	4.34	90	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	250	260	0	1.19	10	Associate's degree	None	None
29-2034	Radiologic Technologists and Technicians	4,160	4,260	100	2.40	270	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	500	520	10	2.79	40	Associate's degree	Less than 5 years	None
29-2042	Emergency Medical Technicians	2,600	2,700	100	3.85	200	Postsecondary non-degree award	None	None
29-2043	Paramedics	1,650	1,700	60	3.40	100	Postsecondary non-degree award	Less than 5 years	None

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SOC Code	Occupation Title	Employment		Employment Change		Education and Training Classification			
		2023	2025	Number	Percent	Annual Total Openings ¹	Work Experience in		
							Typical Entry-Level Education ²	a Related Occupation ³	Typical on-the-job Training ⁴
29-2051	Dietetic Technicians	210	220	0	0.94	20	Associate's degree	None	None
29-2052	Pharmacy Technicians	5,350	5,500	150	2.88	560	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	1,330	1,380	40	3.07	130	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training
29-2055	Surgical Technologists	2,370	2,440	70	2.87	180	Postsecondary non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	1,000	1,040	40	4.11	110	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	1,200	1,260	70	5.43	160	Postsecondary non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	13,940	14,270	330	2.37	1,230	Postsecondary non-degree award	None	None
29-2072	Medical Records Specialists	2,550	2,630	80	3.30	210	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	610	630	20	3.59	60	High school diploma or equivalent	None	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	160	170	10	3.09	10	Master's degree	None	Internship/residency
29-2092	Hearing Aid Specialists	90	90	10	6.82	10	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2099	Health Technologists and Technicians, All Other	1,950	2,020	70	3.54	170	Postsecondary non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	3,000	3,110	120	3.83	240			
29-9021	Health Information Technologists and Medical Registrars	1,670	1,760	80	4.90	140	Associate's degree	None	None
29-9093	Surgical Assistants	590	610	10	2.36	40	Postsecondary non-degree award	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	410	410	10	1.47	30	Postsecondary non-degree award	None	None
31-0000	Healthcare Support Occupations	65,660	67,950	2,290	3.49	10,620			
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides	40,000	41,260	1,260	3.15	6,490			
31-1120	Home Health and Personal Care Aides	20,040	20,950	910	4.55	3,460	High school diploma or equivalent	None	Short-term on-the-job training
31-1131	Nursing Assistants	19,390	19,730	330	1.72	2,940	Postsecondary non-degree award	None	None
31-1132	Orderlies	490	510	10	2.43	80	High school diploma or equivalent	None	Short-term on-the-job training
31-1133	Psychiatric Aides	70	70	0	4.23	10	High school diploma or equivalent	None	Short-term on-the-job training
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	3,090	3,280	190	6.12	530			
31-2011	Occupational Therapy Assistants	680	730	50	7.09	120	Associate's degree	None	None
31-2021	Physical Therapist Assistants	1,750	1,870	120	6.81	310	Associate's degree	None	None
31-2022	Physical Therapist Aides	620	640	20	3.55	100	High school diploma or equivalent	None	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	22,580	23,420	840	3.73	3,610			
31-9011	Massage Therapists	520	520	0	0.58	70	Postsecondary non-degree award	None	None
31-9091	Dental Assistants	4,930	5,120	200	4.02	790	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	10,080	10,530	450	4.48	1,540	Postsecondary non-degree award	None	None
31-9093	Medical Equipment Preparers	800	810	20	2.26	120	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	620	620	-10	-0.96	100	Postsecondary non-degree award	None	None
31-9095	Pharmacy Aides	1,190	1,200	10	0.50	220	High school diploma or equivalent	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,710	1,780	80	4.45	370	High school diploma or equivalent	None	Short-term on-the-job training
31-9097	Phlebotomists	2,110	2,190	80	3.93	320	Postsecondary non-degree award	None	None
31-9099	Healthcare Support Workers, All Other	620	640	10	2.25	90	High school diploma or equivalent	None	None
33-0000	Protective Service Occupations	43,000	44,050	1,050	2.45	5,050			
33-1000	Supervisors of Protective Service Workers	4,600	4,720	130	2.72	400			
33-1011	First-Line Supervisors of Correctional Officers	560	560	10	1.26	50	High school diploma or equivalent	Less than 5 years	None
33-1012	First-Line Supervisors of Police and Detectives	1,750	1,810	60	3.67	150	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	1,080	1,120	40	3.61	90	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
33-1091	First-Line Supervisors of Security Workers	1,050	1,060	10	0.86	100	High school diploma or equivalent	Less than 5 years	None
33-1099	First-Line Supervisors of Protective Service Workers, All Other	170	180	10	3.55	20	High school diploma or equivalent	Less than 5 years	None
33-2000	Firefighting and Prevention Workers	5,100	5,290	190	3.73	460			
33-2011	Firefighters	4,870	5,060	180	3.76	460	Postsecondary non-degree award	None	Long-term on-the-job training
33-3000	Law Enforcement Workers	16,480	16,890	410	2.48	1,530			
33-3012	Correctional Officers and Jailers	4,940	5,000	60	1.20	460	High school diploma or equivalent	None	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	1,060	1,070	10	0.85	80	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-3031	Fish and Game Wardens	200	200	0	-2.01	20	Bachelor's degree	None	Moderate-term on-the-job training
33-3041	Parking Enforcement Workers	70	80	0	1.35	10	High school diploma or equivalent	None	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	10,180	10,520	350	3.39	960	High school diploma or equivalent	None	Moderate-term on-the-job training
33-9000	Other Protective Service Workers	16,820	17,150	330	1.96	2,640			
33-9011	Animal Control Workers	330	340	10	3.64	40	High school diploma or equivalent	None	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	340	350	10	2.95	40	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-9031	Gambling Surveillance Officers and Gambling Investigators	1,750	1,780	30	1.71	250	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-9032	Security Guards	12,020	12,250	230	1.90	1,720	High school diploma or equivalent	None	Short-term on-the-job training
33-9091	Crossing Guards and Flaggers	230	240	10	2.59	60	No formal educational credential	None	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1,000	1,030	40	3.62	320	No formal educational credential	None	Short-term on-the-job training
33-9093	Transportation Security Screeners	260	260	0	1.15	30	High school diploma or equivalent	None	Short-term on-the-job training
33-9094	School Bus Monitors	570	560	0	-0.71	100	High school diploma or equivalent	None	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	330	330	10	2.46	100	High school diploma or equivalent	None	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	165,770	167,490	1,720	1.04	31,710			
35-1000	Supervisors of Food Preparation and Serving Workers	16,770	17,050	280	1.66	2,590			
35-1011	Chefs and Head Cooks	810	820	20	1.98	100	High school diploma or equivalent	5 years or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	15,960	16,230	260	1.65	2,480	High school diploma or equivalent	Less than 5 years	None
35-2000	Cooks and Food Preparation Workers	56,130	56,890	760	1.35	9,070			
35-2011	Cooks, Fast Food	14,840	14,540	-300	-2.00	2,050	No formal educational credential	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	13,170	13,350	180	1.34	2,070	No formal educational credential	None	Short-term on-the-job training
35-2014	Cooks, Restaurant	17,890	18,750	860	4.80	3,170	No formal educational credential	Less than 5 years	Moderate-term on-the-job training
35-2016	Cooks, Short Order	1,920	1,930	0	0.05	200	No formal educational credential	None	Short-term on-the-job training
35-2021	Food Preparation Workers	8,060	8,090	20	0.30	1,450	No formal educational credential	None	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	78,860	79,410	550	0.69	17,140			
35-3011	Bartenders	7,320	7,420	100	1.33	1,310	No formal educational credential	None	Short-term on-the-job training
35-3023	Fast Food and Counter Workers	39,470	39,900	430	1.08	9,270	No formal educational credential	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	30,040	30,040	-10	-0.02	6,210	No formal educational credential	None	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	2,030	2,060	30	1.43	350	No formal educational credential	None	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	14,000	14,140	140	1.00	2,910			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	5,120	5,200	80	1.56	1,000	No formal educational credential	None	Short-term on-the-job training
35-9021	Dishwashers	4,420	4,440	20	0.52	770	No formal educational credential	None	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	58,900	59,550	640	1.09	8,270			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	4,930	4,950	20	0.37	550			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,670	2,670	0	0.52	310	High school diploma or equivalent	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	2,260	2,260	0	0.18	230	High school diploma or equivalent	Less than 5 years	None

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SOC Code	Occupation Title	Employment		Employment Change		Annual Total Openings ¹	Education and Training Classification		
		2023	2025	Number	Percent		Typical Entry-Level Education ²	Work Experience in	
								a Related Occupation ³	Typical on-the-job Training ⁴
37-2000	Building Cleaning and Pest Control Workers	40,530	40,930	400	0.99	5,890			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	25,430	25,800	360	1.43	3,750	No formal educational credential	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	13,920	13,930	10	0.09	1,980	No formal educational credential	None	Short-term on-the-job training
37-3000	Grounds Maintenance Workers	13,450	13,670	220	1.64	1,840			
37-3011	Landscaping and Groundskeeping Workers	12,420	12,640	220	1.73	1,700	No formal educational credential	None	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	160	160	0	0.63	20	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	810	820	10	0.62	110	High school diploma or equivalent	None	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	60	60	0	0.00	10	No formal educational credential	None	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	45,280	45,530	250	0.55	7,830			
39-1000	Supervisors of Personal Care and Service Workers	4,020	4,050	40	0.95	450			
39-1013	First-Line Supervisors of Gambling Services Workers	1,200	1,220	20	1.42	140	High school diploma or equivalent	Less than 5 years	None
39-1014	First-line Supervisors of Entertainment And Recreation Workers, Except Gambling Services	970	990	20	1.65	110	High school diploma or equivalent	Less than 5 years	None
39-1022	First-line Supervisors of Personal Service Workers	1,850	1,850	10	0.27	200	High school diploma or equivalent	Less than 5 years	None
39-2000	Animal Care and Service Workers	5,490	5,580	90	1.69	1,000			
39-2011	Animal Trainers	900	920	20	1.66	140	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Animal Caretakers	4,580	4,660	80	1.70	870	High school diploma or equivalent	None	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	5,500	5,590	90	1.64	1,400			
39-3011	Gambling Dealers	1,170	1,200	20	2.05	200	High school diploma or equivalent	None	Short-term on-the-job training
39-3012	Gambling and Sports Book Writers and Runners	190	200	0	1.03	30	High school diploma or equivalent	None	Short-term on-the-job training
39-3019	Gambling Service Workers, All Other	350	350	0	2.02	60	High school diploma or equivalent	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	950	900	-50	-4.86	250	No formal educational credential	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	2,690	2,790	100	3.72	810	No formal educational credential	None	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	110	110	0	2.70	30	High school diploma or equivalent	None	Short-term on-the-job training
39-4000	Funeral Service Workers	1,050	1,010	-30	-2.97	120			
39-4021	Funeral Attendants	610	590	-20	-2.97	80	High school diploma or equivalent	None	Short-term on-the-job training
39-4031	Morticians, Undertakers, and Funeral Arrangers	350	340	-10	-2.82	40	Associate's degree	None	Long-term on-the-job training
39-5000	Personal Appearance Workers	6,350	6,270	-80	-1.39	790			
39-5012	Hairdressers, Hairstylists, and Cosmetologists	4,500	4,430	-70	-1.45	570	Postsecondary non-degree award	None	None
39-5092	Manicurists and Pedicurists	750	740	-10	-1.73	80	Postsecondary non-degree award	None	None
39-5094	Skincare Specialists	540	540	0	-0.55	70	Postsecondary non-degree award	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	780	800	20	2.96	140			
39-6011	Baggage Porters and Bellhops	190	190	0	2.33	20	High school diploma or equivalent	None	Short-term on-the-job training
39-6012	Concierges	650	670	20	3.08	110	High school diploma or equivalent	None	Moderate-term on-the-job training
39-7000	Tour and Travel Guides	270	270	0	1.50	60			
39-7010	Tour and Travel Guides	270	270	0	1.50	60	High school diploma or equivalent	None	Moderate-term on-the-job training
39-9000	Other Personal Care and Service Workers	21,830	21,950	120	0.55	3,870			
39-9011	Childcare Workers	13,480	13,370	-110	-0.82	2,170	High school diploma or equivalent	None	Short-term on-the-job training
39-9031	Exercise Trainers and Group Fitness Instructors	3,310	3,440	130	3.99	690	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	2,720	2,780	60	2.10	590	High school diploma or equivalent	None	Short-term on-the-job training
39-9041	Residential Advisors	1,640	1,660	20	1.34	300	High school diploma or equivalent	None	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	680	700	20	2.92	130	High school diploma or equivalent	None	Short-term on-the-job training
41-0000	Sales and Related Occupations	173,320	173,920	600	0.34	23,030			
41-1000	Supervisors of Sales Workers	25,750	25,550	-200	-0.79	2,310			
41-1011	First-Line Supervisors of Retail Sales Workers	20,120	20,010	-100	-0.52	1,910	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	5,630	5,540	-100	-1.76	400	High school diploma or equivalent	Less than 5 years	None
41-2000	Retail Sales Workers	93,500	94,290	790	0.84	15,860			
41-2011	Cashiers	40,640	41,050	410	1.01	8,090	No formal educational credential	None	Short-term on-the-job training
41-2012	Gambling Change Persons and Booth Cashiers	1,920	1,940	20	0.94	380	No formal educational credential	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	3,280	3,200	-80	-2.38	340	No formal educational credential	None	Short-term on-the-job training
41-2022	Parts Salespersons	3,620	3,600	-20	-0.47	410	No formal educational credential	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	44,050	44,500	450	1.03	6,640	No formal educational credential	None	Short-term on-the-job training
41-3000	Sales Representatives, Services	22,940	23,060	130	0.55	2,080			
41-3011	Advertising Sales Agents	930	900	-30	-3.24	80	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	7,660	7,710	50	0.68	630	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	2,240	2,290	50	2.23	190	Bachelor's degree	None	Moderate-term on-the-job training
41-3041	Travel Agents	410	380	-30	-6.37	40	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	11,700	11,780	80	0.69	1,140	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4000	Sales Representatives, Wholesale and Manufacturing	17,440	17,380	-60	-0.30	1,510			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	6,900	6,900	0	-0.03	610	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,540	10,490	-50	-0.48	900	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	13,700	13,640	-60	-0.44	1,280			
41-9011	Demonstrators and Product Promoters	780	780	0	0.39	140	No formal educational credential	None	Short-term on-the-job training
41-9031	Sales Engineers	580	580	0	0.00	50	Bachelor's degree	None	Moderate-term on-the-job training
41-9041	Telemarketers	1,070	1,000	-70	-6.19	110	No formal educational credential	None	Short-term on-the-job training
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	180	180	-10	-4.37	20	No formal educational credential	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	740	750	10	1.22	100	High school diploma or equivalent	None	None
43-0000	Office and Administrative Support Occupations	249,930	248,500	-1,430	-0.57	27,380			
43-1000	Supervisors of Office and Administrative Support Workers	21,060	21,010	-50	-0.26	1,980			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	21,060	21,010	-50	-0.26	1,980	High school diploma or equivalent	Less than 5 years	None
43-2000	Communications Equipment Operators	660	630	-30	-4.12	50			
43-2011	Switchboard Operators, Including Answering Service	580	550	-20	-4.17	40	High school diploma or equivalent	None	Short-term on-the-job training
43-3000	Financial Clerks	43,150	42,890	-260	-0.60	4,590			
43-3011	Bill and Account Collectors	2,390	2,340	-50	-2.05	230	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	4,990	5,030	40	0.72	530	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	24,360	24,270	-90	-0.36	2,770	Some college, no degree	None	Moderate-term on-the-job training
43-3041	Gambling Cage Workers	1,350	1,360	10	0.67	140	High school diploma or equivalent	None	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	2,680	2,620	-60	-2.31	240	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	780	780	0	-0.51	70	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	6,520	6,420	-100	-1.53	610	High school diploma or equivalent	None	Short-term on-the-job training
43-3099	Financial Clerks, All Other	70	70	0	0.00	10	High school diploma or equivalent	None	Short-term on-the-job training
43-4000	Information and Record Clerks	73,000	72,640	-360	-0.49	9,060			
43-4021	Correspondence Clerks	70	70	0	1.43	110	High school diploma or equivalent	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	3,610	3,730	120	3.27	420	High school diploma or equivalent	None	Long-term on-the-job training

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SOC Code	Occupation Title	Employment		Employment Change			Education and Training Classification			
		2023	2025	Number	Percent	Annual Total Openings ¹	Typical Entry-Level Education ²	Work Experience in		Typical on-the-job Training ⁴
								a Related Occupation ³		
43-4041	Credit Authorizers, Checkers, and Clerks		180	0	0.00	10	High school diploma or equivalent	None		Moderate-term on-the-job training
43-4051	Customer Service Representatives	35,910	35,570	-330	-0.92	4,630	High school diploma or equivalent	None		Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	580	590	10	1.21	60	High school diploma or equivalent	None		Moderate-term on-the-job training
43-4071	File Clerks	1,910	1,880	-30	-1.78	210	High school diploma or equivalent	None		Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	3,170	3,140	-30	-0.82	490	High school diploma or equivalent	None		Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	2,060	2,060	0	0.15	250	High school diploma or equivalent	None		Short-term on-the-job training
43-4121	Library Assistants, Clerical	1,290	1,310	20	1.01	230	High school diploma or equivalent	None		Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	4,050	4,090	40	0.86	350	High school diploma or equivalent	None		Short-term on-the-job training
43-4141	New Accounts Clerks	1,580	1,560	-30	-1.58	130	High school diploma or equivalent	None		Moderate-term on-the-job training
43-4151	Order Clerks	3,610	3,450	-160	-4.38	320	Some college, no degree	None		Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	660	650	0	-0.46	70	Associate's degree	None		None
43-4171	Receptionists and Information Clerks	11,660	11,730	70	0.60	1,590	High school diploma or equivalent	None		Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	1,150	1,100	-50	-4.35	100	High school diploma or equivalent	None		Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	1,480	1,500	30	1.76	180	High school diploma or equivalent	None		Short-term on-the-job training
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	32,970	32,860	-110	-0.33	3,150				
43-5011	Cargo and Freight Agents	460	460	0	-0.43	50	High school diploma or equivalent	None		Short-term on-the-job training
43-5021	Couriers and Messengers	5,460	5,390	-80	-1.39	540	High school diploma or equivalent	None		Short-term on-the-job training
43-5031	Public Safety Telecommunicators	2,010	2,080	70	3.63	240	High school diploma or equivalent	None		Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,570	2,570	0	0.12	240	High school diploma or equivalent	None		Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	540	540	0	0.37	50	High school diploma or equivalent	None		Short-term on-the-job training
43-5051	Postal Service Clerks	1,050	1,040	-10	-0.86	80	No formal educational credential	None		Short-term on-the-job training
43-5052	Postal Service Mail Carriers	3,970	3,940	-30	-0.78	280	No formal educational credential	None		Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	790	770	-20	-1.78	60	No formal educational credential	None		Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	5,960	6,030	70	1.23	640	High school diploma or equivalent	None		Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	9,600	9,480	-130	-1.33	900	High school diploma or equivalent	None		Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	570	570	0	0.00	70	High school diploma or equivalent	None		Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	44,360	43,980	-380	-0.85	4,600				
43-6011	Executive Secretaries and Executive Administrative Assistants	4,090	3,930	-160	-3.98	330	High school diploma or equivalent	Less than 5 years		None
43-6012	Legal Secretaries and Administrative Assistants	1,740	1,670	-70	-4.19	160	High school diploma or equivalent	None		Moderate-term on-the-job training
43-6013	Medical Secretaries and Administrative Assistants	9,900	10,250	350	3.56	1,220	High school diploma or equivalent	None		Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	28,530	28,130	-490	-1.73	2,900	High school diploma or equivalent	None		Short-term on-the-job training
43-9000	Other Office and Administrative Support Workers	34,740	34,480	-260	-0.73	3,950				
43-9021	Data Entry Keyers	2,020	1,940	-80	-3.77	190	High school diploma or equivalent	None		Short-term on-the-job training
43-9022	Word Processors and Typists	260	250	-10	-3.91	30	High school diploma or equivalent	None		Short-term on-the-job training
43-9031	Desktop Publishers	180	170	-10	-5.14	10	Associate's degree	None		Short-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,660	1,640	-20	-1.08	140	High school diploma or equivalent	None		Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	680	670	-10	-1.47	80	High school diploma or equivalent	None		Short-term on-the-job training
43-9061	Office Clerks, General	28,700	28,590	-110	-0.38	3,360	High school diploma or equivalent	None		Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	450	450	0	-0.22	60	High school diploma or equivalent	None		Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	630	620	-10	-2.21	60	High school diploma or equivalent	None		Short-term on-the-job training
45-0000	Farming, Fishing, and Forestry Occupations	14,370	14,380	10	0.10	2,110				
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	940	950	10	0.75	130				
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	940	950	10	0.75	130	High school diploma or equivalent	Less than 5 years		None
45-2000	Agricultural Workers	12,820	12,830	10	0.08	1,900				
45-2011	Agricultural Inspectors	380	390	10	1.56	60	Bachelor's degree	None		Moderate-term on-the-job training
45-2021	Animal Breeders	140	150	0	2.11	20	High school diploma or equivalent	None		Short-term on-the-job training
45-2041	Graders and Sorters, Agricultural Products	390	380	-10	-1.30	50	No formal educational credential	None		Short-term on-the-job training
45-2091	Agricultural Equipment Operators	870	880	10	1.15	130	No formal educational credential	None		Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	6,230	6,200	-40	-0.63	890	No formal educational credential	None		Short-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	4,520	4,560	30	0.73	680	No formal educational credential	None		Short-term on-the-job training
45-2099	Agricultural Workers, All Other	280	290	0	0.70	40	No formal educational credential	None		Short-term on-the-job training
45-4022	Logging Equipment Operators	350	350	0	0.29	50	High school diploma or equivalent	None		Moderate-term on-the-job training
47-0000	Construction and Extraction Occupations	97,330	98,900	1,570	1.62	9,300				
47-1000	Supervisors of Construction and Extraction Workers	11,100	11,310	200	1.83	980				
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	11,100	11,310	200	1.83	980	High school diploma or equivalent	5 years or more		None
47-2000	Construction Trades Workers	63,610	64,650	1,040	1.63	5,870				
47-2021	Brickmasons and Blockmasons	590	600	10	1.35	50	High school diploma or equivalent	None		Apprenticeship
47-2022	Stonemasons	80	80	0	0.00	10	High school diploma or equivalent	None		Apprenticeship
47-2031	Carpenters	7,220	7,310	90	1.23	640	High school diploma or equivalent	None		Apprenticeship
47-2041	Carpet Installers	320	320	-10	-1.55	20	No formal educational credential	None		Short-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	170	170	10	2.96	20	No formal educational credential	None		Moderate-term on-the-job training
47-2044	Tile and Stone Setters	440	450	10	2.75	40	No formal educational credential	None		Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	2,770	2,810	40	1.37	230	No formal educational credential	None		Moderate-term on-the-job training
47-2061	Construction Laborers	16,520	16,740	220	1.33	1,520	No formal educational credential	None		Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	810	820	10	0.99	70	High school diploma or equivalent	None		Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	6,860	6,980	120	1.71	640	High school diploma or equivalent	None		Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	530	540	10	1.71	40	No formal educational credential	None		Moderate-term on-the-job training
47-2111	Electricians	9,010	9,280	270	2.95	930	High school diploma or equivalent	None		Apprenticeship
47-2121	Glaziers	410	420	10	2.43	50	High school diploma or equivalent	None		Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	690	700	20	2.48	60	No formal educational credential	None		Short-term on-the-job training
47-2132	Insulation Workers, Mechanical	210	210	10	2.39	20	High school diploma or equivalent	None		Apprenticeship
47-2141	Painters, Construction and Maintenance	3,460	3,460	10	0.20	270	No formal educational credential	None		Moderate-term on-the-job training
47-2142	Paperhangers	150	140	0	-2.05	10	No formal educational credential	None		Long-term on-the-job training
47-2151	Pipelayers	740	750	10	1.09	60	No formal educational credential	None		Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	6,620	6,750	130	1.92	630	High school diploma or equivalent	None		Apprenticeship
47-2161	Plasterers and Stucco Masons	100	100	0	2.02	10	No formal educational credential	None		Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	150	150	0	1.38	10	High school diploma or equivalent	None		Apprenticeship
47-2181	Roofers	1,280	1,310	30	2.11	110	No formal educational credential	None		Moderate-term on-the-job training
47-2211	Sheet Metal Workers	3,160	3,200	40	1.14	310	High school diploma or equivalent	None		Apprenticeship
47-2221	Structural Iron and Steel Workers	1,270	1,300	30	2.53	120	High school diploma or equivalent	None		Apprenticeship
47-3000	Helpers, Construction Trades	3,470	3,540	70	2.08	420				
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	120	120	0	0.00	10	No formal educational credential	None		Short-term on-the-job training
47-3012	Helpers—Carpenters	190	200	10	2.59	20	No formal educational credential	None		Short-term on-the-job training

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SOC Code	Occupation Title	Employment		Employment Change		Education and Training Classification			
		2023	2025	Number	Percent	Annual Total Openings ¹	Typical Entry-Level Education ²	Work Experience In	
								a Related Occupation ³	Typical on-the-job Training ⁴
47-3013	Helpers--Electricians	1,620	1,650	30	1.54	190	High school diploma or equivalent	None	Short-term on-the-job training
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	1,320	1,360	40	2.72	170	High school diploma or equivalent	None	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	150	150	0	2.72	20	No formal educational credential	None	Short-term on-the-job training
47-4000	Other Construction and Related Workers	7,660	7,920	260	3.44	860			
47-4011	Construction and Building Inspectors	1,780	1,780	20	1.08	210	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4021	Elevator and Escalator Installers and Repairers	250	250	10	2.42	20	High school diploma or equivalent	None	Apprenticeship
47-4031	Fence Erectors	320	320	0	0.63	30	No formal educational credential	None	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	320	350	30	8.07	50	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	3,700	3,880	170	4.70	430	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	400	400	0	0.25	30	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	830	870	30	4.09	90	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4090	Miscellaneous Construction and Related Workers	80	80	0	1.28	10	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5000	Extraction Workers	11,490	11,480	0	-0.03	1,160			
47-5011	Derrick Operators, Oil and Gas	550	550	0	0.00	60	No formal educational credential	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	2,090	2,070	-20	-0.72	200	No formal educational credential	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil and Gas	3,210	3,200	-20	-0.50	320	No formal educational credential	None	Moderate-term on-the-job training
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	250	250	0	0.00	30	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
47-5023	Earth Drillers, Except Oil and Gas	80	80	0	0.00	10	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	450	450	10	1.12	40	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5041	Continuous Mining Machine Operators	100	100	0	0.00	10	No formal educational credential	None	Moderate-term on-the-job training
47-5044	Loading and Moving Machine Operators, Underground Mining	160	160	0	-2.52	10	No formal educational credential	None	Short-term on-the-job training
47-5051	Rock Splitters, Quarry	170	180	10	2.87	20	No formal educational credential	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	3,900	3,920	20	0.49	410	No formal educational credential	None	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	480	480	0	0.83	60	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5099	Extraction Workers, All Other	70	70	0	-1.43	10	High school diploma or equivalent	None	Moderate-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	91,140	92,410	1,270	1.39	8,540			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	8,000	8,100	100	1.26	710			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	8,000	8,100	100	1.26	710	High school diploma or equivalent	Less than 5 years	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	6,240	6,260	20	0.38	600			
49-2011	Computer, Automated Teller, and Office Machine Repairers	980	950	-30	-2.66	80	Some college, no degree	None	Short-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	220	220	0	-0.92	20	Associate's degree	None	Moderate-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,680	1,680	0	-0.30	170	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2091	Avionics Technicians	540	540	0	0.56	50	Associate's degree	None	None
49-2092	Electric Motor, Power Tool, and Related Repairers	260	270	10	3.47	30	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,040	1,050	10	0.77	90	Postsecondary non-degree award	None	Long-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	390	400	0	0.51	30	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	0	2.70	10	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2097	Audiovisual Equipment Installers and Repairers	170	160	0	-1.82	10	Postsecondary non-degree award	None	Short-term on-the-job training
49-2098	Security and Fire Alarm Systems Installers	850	890	40	4.24	110	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	30,140	30,310	160	0.54	2,600			
49-3011	Aircraft Mechanics and Service Technicians	6,530	6,580	50	0.74	500	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	2,320	2,380	50	2.28	230	High school diploma or equivalent	None	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	110	110	0	1.90	10	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	10,550	10,610	60	0.53	920	Postsecondary non-degree award	None	Short-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,100	4,090	-20	-0.37	330	High school diploma or equivalent	None	Long-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	730	740	10	1.64	70	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,740	2,740	0	0.00	230	High school diploma or equivalent	None	Long-term on-the-job training
49-3043	Rail Car Repairers	110	110	0	-0.90	10	High school diploma or equivalent	None	Long-term on-the-job training
49-3051	Motorboat Mechanics and Service Technicians	240	240	0	1.26	30	High school diploma or equivalent	None	Long-term on-the-job training
49-3052	Motorcycle Mechanics	270	260	0	-0.38	30	Postsecondary non-degree award	None	Short-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	500	510	10	1.40	50	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3091	Bicycle Repairers	90	90	0	2.33	10	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	210	210	0	0.00	20	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	1,660	1,650	0	-0.18	180	High school diploma or equivalent	None	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	46,760	47,740	980	2.10	4,630			
49-9011	Mechanical Door Repairers	500	520	20	3.79	50	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	1,370	1,380	10	0.88	110	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	6,170	6,340	170	2.71	600	Postsecondary non-degree award	None	Long-term on-the-job training
49-9031	Home Appliance Repairers	460	460	10	1.32	40	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	4,910	5,080	170	3.50	470	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	3,640	3,680	40	1.02	360	High school diploma or equivalent	None	Long-term on-the-job training
49-9044	Millwrights	80	80	0	0.00	10	High school diploma or equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	2,210	2,260	50	2.22	190	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	1,570	1,590	20	1.15	150	High school diploma or equivalent	None	Long-term on-the-job training
49-9062	Medical Equipment Repairers	480	490	10	2.31	50	Associate's degree	None	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	60	60	0	-1.72	10	High school diploma or equivalent	None	Apprenticeship
49-9069	Precision Instrument and Equipment Repairers, All Other	100	100	0	1.03	10	High school diploma or equivalent	None	Long-term on-the-job training
49-9071	Maintenance and Repair Workers, General	19,830	20,210	380	1.91	1,990	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9081	Wind Turbine Service Technicians	640	720	80	12.72	100	Postsecondary non-degree award	None	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	1,560	1,570	10	0.64	160	High school diploma or equivalent	None	Short-term on-the-job training
49-9094	Locksmiths and Safe Repairers	110	110	0	-0.90	10	High school diploma or equivalent	None	Long-term on-the-job training
49-9096	Riggers	210	210	0	0.47	20	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9097	Signal and Track Switch Repairers	140	140	0	0.00	10	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,150	1,170	20	1.82	140	High school diploma or equivalent	None	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,370	1,380	10	0.80	140	High school diploma or equivalent	None	Moderate-term on-the-job training
51-0000	Production Occupations	101,770	101,170	-600	-0.59	10,400			
51-1000	Supervisors of Production Workers	9,140	9,160	20	0.18	850			
51-1011	First-Line Supervisors of Production and Operating Workers	9,140	9,160	20	0.18	850	High school diploma or equivalent	Less than 5 years	None
51-2000	Assemblers and Fabricators	16,740	16,440	-310	-1.83	1,600			
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	520	500	-20	-2.91	50	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	200	190	-10	-4.48	20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,110	2,090	-20	-1.14	210	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2031	Engine and Other Machine Assemblers	310	300	-10	-2.94	30	High school diploma or equivalent	None	Moderate-term on-the-job training

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								a Related Occupation ³		
51-2041	Structural Metal Fabricators and Fitters	720	700	-30	-4.01	60	High school diploma or equivalent	None		Moderate-term on-the-job training
51-2051	Fiberglass Laminators and Fabricators	190	190	0	0.00	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-2090	Miscellaneous Assemblers and Fabricators	12,700	12,480	-220	-1.73	1,220	High school diploma or equivalent	None		Moderate-term on-the-job training
51-3000	Food Processing Workers	9,040	9,180	140	1.56	1,250				
51-3011	Bakers	2,010	2,050	40	2.19	320	No formal educational credential	None		Moderate-term on-the-job training
51-3021	Butchers and Meat Cutters	1,420	1,450	30	1.83	180	No formal educational credential	None		Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1,450	1,470	20	1.31	180	No formal educational credential	None		Short-term on-the-job training
51-3023	Slaughtering and Meat Packers	1,920	1,930	10	0.73	230	No formal educational credential	None		Short-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	570	580	10	1.40	80	No formal educational credential	None		Moderate-term on-the-job training
51-3092	Food Batchmakers	920	940	20	2.16	150	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4000	Metal Workers and Plastic Workers	22,300	22,130	-180	-0.79	2,070				
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	690	680	-20	-2.31	60	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	140	130	0	-2.90	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,390	1,350	-50	-3.30	110	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	90	0	-3.33	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	530	510	-20	-4.32	40	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	440	420	-10	-2.76	50	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-3.38	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4041	Machinists	3,920	3,920	0	-0.08	380	High school diploma or equivalent	None		Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	110	100	-10	-7.14	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	130	110	-10	-8.80	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,370	1,340	-30	-2.27	100	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,050	2,040	-10	-0.44	190	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4111	Tool and Die Makers	230	220	0	-1.33	20	Postsecondary non-degree award	None		Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	9,960	9,980	20	0.21	970	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	270	260	-10	-3.01	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	210	200	0	-1.95	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	260	250	0	-1.55	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	120	120	0	0.00	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	140	130	0	-1.47	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-5100	Printing Workers	1,820	1,720	-100	-5.34	140				
51-5111	Press Technicians and Workers	160	150	-10	-5.56	20	Postsecondary non-degree award	None		None
51-5112	Printing Press Operators	1,450	1,380	-70	-5.11	110	High school diploma or equivalent	None		Moderate-term on-the-job training
51-5113	Print Binding and Finishing Workers	210	190	-10	-6.80	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	4,850	4,720	-130	-2.76	540				
51-6011	Laundry and Dry-Cleaning Workers	3,050	2,990	-60	-2.10	380	No formal educational credential	None		Short-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	260	240	-20	-7.81	20	No formal educational credential	None		Short-term on-the-job training
51-6031	Sewing Machine Operators	940	900	-40	-3.85	90	No formal educational credential	None		Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	140	140	0	-2.88	20	No formal educational credential	None		Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	110	110	0	-0.90	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-6093	Upholsterers	140	140	0	-0.73	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	90	90	0	0.00	10	High school diploma or equivalent	None		Short-term on-the-job training
51-7000	Woodworkers	1,990	1,960	-30	-1.31	190				
51-7011	Cabinetmakers and Bench Carpenters	1,070	1,040	-30	-2.53	90	High school diploma or equivalent	None		Moderate-term on-the-job training
51-7021	Furniture Finishers	180	180	0	-1.12	20	High school diploma or equivalent	None		Short-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	290	290	0	1.04	30	High school diploma or equivalent	None		Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	290	290	0	0.69	30	High school diploma or equivalent	None		Moderate-term on-the-job training
51-8000	Plant and System Operators	6,170	6,210	40	0.65	590				
51-8012	Power Distributors and Dispatchers	70	70	0	0.00	10	High school diploma or equivalent	None		Long-term on-the-job training
51-8013	Power Plant Operators	280	270	0	-1.45	20	High school diploma or equivalent	None		Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	290	300	0	0.68	30	High school diploma or equivalent	None		Long-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	2,720	2,760	40	1.43	280	High school diploma or equivalent	None		Long-term on-the-job training
51-8092	Gas Plant Operators	510	510	-10	-1.17	40	High school diploma or equivalent	None		Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	2,150	2,160	10	0.28	200	High school diploma or equivalent	None		Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	110	110	0	0.92	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9000	Other Production Occupations	29,710	29,660	-50	-0.19	3,170				
51-9011	Chemical Equipment Operators and Tenders	1,080	1,140	60	5.47	130	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	600	610	10	1.99	60	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	630	630	0	0.00	70	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	350	350	0	-0.86	30	No formal educational credential	None		Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,160	1,170	10	1.21	130	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	140	130	-10	-8.03	10	No formal educational credential	None		Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	720	710	0	-0.42	80	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	620	620	0	-0.48	60	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	240	240	0	0.00	30	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,320	6,250	-60	-1.01	690	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	170	170	-10	-2.91	20	High school diploma or equivalent	None		Long-term on-the-job training
51-9081	Dental Laboratory Technicians	390	380	-20	-4.09	40	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9082	Medical Appliance Technicians	50	50	0	3.85	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	330	340	10	1.81	40	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	3,060	3,110	50	1.73	360	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	160	160	0	-1.27	10	No formal educational credential	None		Moderate-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	2,330	2,340	10	0.30	210	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9151	Photographic Process Workers and Processing Machine Operators	50	50	0	1.89	10	High school diploma or equivalent	None		Short-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	3,270	3,210	-50	-1.65	270	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9162	Computer Numerically Controlled Tool Programmers	490	510	20	4.29	60	Postsecondary non-degree award	None		Moderate-term on-the-job training
51-9191	Adhesive Bonding Machine Operators and Tenders	60	60	0	0.00	10	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	460	470	0	0.87	50	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	200	200	0	1.52	20	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	640	650	0	0.31	80	High school diploma or equivalent	None		Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	880	880	0	-0.23	100	High school diploma or equivalent	None		Moderate-term on-the-job training
51-9198	Helpers - Production Workers	2,230	2,210	-20	-0.99	300	High school diploma or equivalent	None		Short-term on-the-job training
51-9199	Production Workers, All Other	1,310	1,300	0	-0.31	140	High school diploma or equivalent	None		Moderate-term on-the-job training

OKLAHOMA SHORT-TERM OCCUPATIONAL OUTLOOK, 2023 - 2025

SOC Code	Occupation Title	Employment		Employment Change			Education and Training Classification		
		2023	2025	Number	Percent	Annual Total Openings ¹	Typical Entry-Level Education ²	Work Experience in	
								a Related Occupation ³	Typical on-the-job Training ⁴
53-0000	Transportation and Material Moving Occupations	156,030	158,080	2,050	1.32	20,570			
53-1000	Supervisors of Transportation and Material Moving Workers	6,730	6,820	90	1.32	720			
53-2000	Air Transportation Workers	990	1,000	10	0.91	110			
53-2011	Airline Pilots, Copilots, and Flight Engineers	230	230	0	0.86	30	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
53-2012	Commercial Pilots	410	410	0	0.49	50	Postsecondary non-degree award	None	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	280	280	0	1.45	30	Associate's degree	None	Long-term on-the-job training
53-3000	Motor Vehicle Operators	56,100	56,340	250	0.44	6,260			
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	190	200	10	2.59	30	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	7,160	7,260	100	1.38	800	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	29,130	29,120	0	-0.01	3,020	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck Drivers	11,630	11,640	10	0.11	1,220	High school diploma or equivalent	None	Short-term on-the-job training
53-3051	Bus Drivers, School	4,160	4,200	50	1.13	660	High school diploma or equivalent	None	Short-term on-the-job training
53-3052	Bus Drivers, Transit and Intercity	1,060	1,090	40	3.41	150	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3053	Shuttle Drivers and Chauffeurs	1,440	1,470	30	2.15	210	No formal educational credential	None	Short-term on-the-job training
53-3054	Taxi Drivers	800	820	20	2.13	90	No formal educational credential	None	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	540	540	0	0.37	80	No formal educational credential	None	Short-term on-the-job training
53-4000	Rail Transportation Workers	1,100	1,100	0	0.18	90			
53-4011	Locomotive Engineers	450	450	0	0.00	40	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	190	190	0	0.00	20	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	410	410	0	0.24	30	High school diploma or equivalent	None	Moderate-term on-the-job training
53-6000	Other Transportation Workers	2,330	2,330	10	0.34	310			
53-6021	Parking Attendants	660	640	-10	-1.98	90	No formal educational credential	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	970	990	20	1.86	150	No formal educational credential	None	Short-term on-the-job training
53-6032	Aircraft Service Attendants	160	160	0	0.62	20	High school diploma or equivalent	None	Short-term on-the-job training
53-6041	Traffic Technicians	60	60	0	3.64	10	High school diploma or equivalent	None	Moderate-term on-the-job training
53-6051	Transportation Inspectors	390	390	0	0.00	40	High school diploma or equivalent	None	Moderate-term on-the-job training
53-6099	Transportation Workers, All Other	70	70	0	0.00	10	High school diploma or equivalent	None	Short-term on-the-job training
53-7000	Material Moving Workers	88,710	90,410	1,700	1.91	13,080			
53-7011	Conveyor Operators and Tenders	470	470	0	0.43	50	No formal educational credential	None	Short-term on-the-job training
53-7021	Crane and Tower Operators	610	610	-10	-0.82	50	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	10,720	10,770	40	0.41	1,050	No formal educational credential	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	4,900	4,980	80	1.63	690	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	31,530	31,860	340	1.06	4,260	No formal educational credential	None	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	130	120	0	-2.40	20	No formal educational credential	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	2,800	2,830	30	1.07	420	No formal educational credential	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	33,720	34,860	1,150	3.40	6,060	High school diploma or equivalent	None	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	340	340	10	1.48	40	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7073	Wellhead Pumps	680	670	-20	-2.63	60	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	2,440	2,510	80	3.16	340	No formal educational credential	None	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	290	290	0	1.05	40	No formal educational credential	None	Short-term on-the-job training

Footnotes:

¹The Bureau of Labor Statistics (BLS) has implemented a new methodology to measure occupational separations for 2023-25 projections. For more information about the Separations methodology, visit: <https://www.bls.gov/emp/documentation/separations.htm>

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

³Indicates 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.

⁴Indicates 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 <https://www.bls.gov/emp/documentation/education-training-system.htm>

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