

## OKLAHOMA SHORT-TERM OCCUPATIONAL OUTLOOK, 2010 - 2012

Occupation Code	Occupation Title	2010 2nd Qtr Estimated Employment	2012 2nd Qtr Projected Employment	Employment Change 2010-2012		Average Annual Openings	Educational Attainment
				Numeric	Percent		
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>1,689,190</b>	<b>1,717,660</b>	<b>28,480</b>	<b>1.69%</b>	<b>56,640</b>	
11-1011	Chief Executives	11,350	11,370	20	0.19%	310	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	26,620	26,670	50	0.18%	750	Bachelor's or higher degree, plus work experience
11-1031	Legislators	840	830	-20	-2.01%	20	Bachelor's or higher degree, plus work experience
11-2011	Advertising and Promotions Managers	570	560	-10	-1.41%	10	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	1,320	1,350	30	1.97%	40	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	2,670	2,770	100	3.71%	110	Bachelor's or higher degree, plus work experience
11-2031	Public Relations Managers	680	680	10	0.74%	20	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	4,620	4,670	50	1.08%	100	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	2,220	2,240	20	1.08%	40	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	5,630	5,710	80	1.49%	130	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	780	790	10	1.67%	20	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	460	470	10	1.97%	10	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	650	660	0	0.46%	10	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	2,320	2,380	60	2.37%	110	Work experience in a related occupation
11-3061	Purchasing Managers	850	870	20	2.11%	30	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	1,070	1,050	-20	-2.14%	30	Work experience in a related occupation
11-9011	Farm, Ranch, and Other Agricultural Managers	7,430	7,590	160	2.14%	220	Bachelor's or higher degree, plus work experience
11-9021	Construction Managers	4,940	5,140	200	4.07%	130	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care	870	870	0	-0.34%	30	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary	3,090	3,080	-10	-0.29%	90	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	1,010	1,010	0	-0.40%	30	Bachelor's or higher degree, plus work experience
11-9039	Education Administrators, All Other	200	190	0	-0.51%	10	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	1,490	1,520	30	1.94%	40	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	5,140	5,250	110	2.04%	150	Work experience in a related occupation
11-9061	Funeral Directors	450	460	10	1.10%	10	Associate degree
11-9071	Gaming Managers	190	190	0	-0.52%	0	Work experience in a related occupation
11-9111	Medical and Health Services Managers	4,630	4,730	100	2.16%	120	Bachelor's or higher degree, plus work experience
11-9121	Natural Sciences Managers	210	210	0	1.45%	10	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	510	470	-40	-8.38%	10	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association M	4,880	4,950	70	1.45%	110	Bachelor's degree
11-9151	Social and Community Service Managers	2,170	2,180	10	0.41%	50	Bachelor's degree
11-9199	Managers, All Other	3,140	3,170	20	0.73%	90	Work experience in a related occupation
13-1011	Agents and Business Managers of Artists, Performer	110	120	10	5.45%	10	Bachelor's or higher degree, plus work experience
13-1021	Purchasing Agents and Buyers, Farm Products	200	200	0	-1.49%	0	Long-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,590	1,600	0	0.19%	40	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and F.	3,380	3,510	140	4.06%	150	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	3,830	3,830	0	0.10%	100	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	180	170	0	-2.26%	10	Postsecondary vocational training

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13-1041	Compliance Officers, Except Agriculture, Constructio	2,610	2,670	60	2.34%	50	Long-term on-the-job training
13-1051	Cost Estimators	1,550	1,670	120	7.66%	90	Bachelor's degree
13-1061	Emergency Management Specialists	270	280	10	1.85%	10	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialist	1,660	1,700	40	2.35%	60	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialist	1,380	1,420	40	2.68%	50	Bachelor's degree
13-1073	Training and Development Specialists	3,370	3,500	140	4.04%	150	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Sp	1,190	1,230	40	3.19%	50	Bachelor's degree
13-1081	Logisticians	2,210	2,260	50	2.44%	70	Bachelor's degree
13-1111	Management Analysts	5,740	5,830	90	1.64%	140	Bachelor's or higher degree, plus work experience
13-1121	Meeting and Convention Planners	340	350	10	2.91%	10	Bachelor's degree
13-1199	Business Operations Specialists, All Other	5,860	5,840	-10	-0.24%	120	Bachelor's degree
13-2011	Accountants and Auditors	16,610	17,180	570	3.43%	540	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	1,200	1,200	0	0.17%	20	Associate degree
13-2031	Budget Analysts	770	780	10	1.31%	20	Bachelor's degree
13-2041	Credit Analysts	660	670	10	1.82%	20	Bachelor's degree
13-2051	Financial Analysts	1,350	1,400	40	3.18%	40	Bachelor's degree
13-2052	Personal Financial Advisors	1,240	1,350	110	9.13%	70	Bachelor's degree
13-2053	Insurance Underwriters	1,400	1,360	-40	-2.86%	40	Bachelor's degree
13-2061	Financial Examiners	250	260	10	5.20%	10	Bachelor's degree
13-2071	Loan Counselors	810	810	10	0.74%	10	Bachelor's degree
13-2072	Loan Officers	4,890	5,010	120	2.46%	100	Moderate-term on-the-job training
13-2081	Tax Examiners, Collectors, and Revenue Agents	830	820	-10	-1.32%	30	Bachelor's degree
13-2082	Tax Preparers	990	1,000	10	0.61%	20	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	250	240	0	-0.41%	0	Bachelor's degree
15-1011	Computer and Information Scientists, Research	160	170	10	3.75%	10	Doctoral degree
15-1021	Computer Programmers	3,560	3,480	-80	-2.22%	60	Bachelor's degree
15-1031	Computer Software Engineers, Applications	2,500	2,630	130	5.17%	80	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	1,700	1,750	50	2.94%	40	Bachelor's degree
15-1041	Computer Support Specialists	7,510	7,600	100	1.27%	250	Associate degree
15-1051	Computer Systems Analysts	3,680	3,780	90	2.47%	120	Bachelor's degree
15-1061	Database Administrators	960	980	20	2.30%	30	Bachelor's degree
15-1071	Network and Computer Systems Administrators	2,620	2,670	50	1.76%	60	Bachelor's degree
15-1081	Network Systems and Data Communications Analyst	2,270	2,450	180	7.99%	130	Bachelor's degree
15-1099	Computer Specialists, All Other	1,330	1,350	20	1.58%	40	Associate degree
15-2011	Actuaries	60	60	0	0.00%	0	Bachelor's or higher degree, plus work experience
15-2031	Operations Research Analysts	590	600	10	2.04%	20	Master's degree
15-2041	Statisticians	190	190	-10	-3.14%	10	Master's degree
17-1011	Architects, Except Landscape and Naval	900	910	20	2.01%	20	Bachelor's degree
17-1012	Landscape Architects	80	80	0	1.32%	0	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	180	180	0	1.68%	10	Bachelor's degree

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17-1022	Surveyors	510	520	10	1.95%	20	Bachelor's degree
17-2011	Aerospace Engineers	570	570	0	0.71%	10	Bachelor's degree
17-2041	Chemical Engineers	120	120	0	-2.54%	0	Bachelor's degree
17-2051	Civil Engineers	1,630	1,680	50	3.25%	50	Bachelor's degree
17-2061	Computer Hardware Engineers	350	360	10	1.70%	10	Bachelor's degree
17-2071	Electrical Engineers	1,400	1,450	40	3.07%	50	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	1,870	1,870	0	0.11%	40	Bachelor's degree
17-2081	Environmental Engineers	400	410	10	2.26%	10	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety E	400	410	10	2.25%	20	Bachelor's degree
17-2112	Industrial Engineers	1,200	1,260	60	5.00%	60	Bachelor's degree
17-2131	Materials Engineers	170	170	10	3.64%	10	Bachelor's degree
17-2141	Mechanical Engineers	1,850	1,940	90	4.70%	90	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining S	210	220	10	3.37%	10	Bachelor's degree
17-2171	Petroleum Engineers	1,800	1,990	190	10.80%	130	Bachelor's degree
17-2199	Engineers, All Other	950	950	10	0.63%	20	Bachelor's degree
17-3011	Architectural and Civil Drafters	990	990	10	0.61%	20	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	350	360	10	1.41%	10	Postsecondary vocational training
17-3013	Mechanical Drafters	1,100	1,170	80	6.93%	60	Postsecondary vocational training
17-3019	Drafters, All Other	80	80	0	2.53%	0	Postsecondary vocational training
17-3022	Civil Engineering Technicians	940	970	20	2.54%	30	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	1,870	1,860	0	-0.16%	30	Associate degree
17-3024	Electro-Mechanical Technicians	200	210	10	4.52%	10	Associate degree
17-3025	Environmental Engineering Technicians	330	340	10	1.52%	10	Associate degree
17-3027	Mechanical Engineering Technicians	450	480	30	7.13%	20	Associate degree
17-3029	Engineering Technicians, Except Drafters, All Other	800	820	30	3.27%	30	Associate degree
17-3031	Surveying and Mapping Technicians	780	800	20	2.31%	20	Moderate-term on-the-job training
19-1012	Food Scientists and Technologists	90	100	0	4.40%	10	Bachelor's degree
19-1023	Zoologists and Wildlife Biologists	100	100	0	-1.02%	0	Bachelor's degree
19-1029	Biological Scientists, All Other	220	220	0	1.86%	10	Doctoral degree
19-1031	Conservation Scientists	260	260	0	0.00%	0	Bachelor's degree
19-1032	Foresters	60	50	0	-1.82%	0	Bachelor's degree
19-1041	Epidemiologists	60	60	0	0.00%	0	Master's degree
19-1099	Life Scientists, All Other	240	240	0	-0.42%	0	Bachelor's degree
19-2021	Atmospheric and Space Scientists	230	230	-10	-2.15%	10	Bachelor's degree
19-2031	Chemists	330	340	10	3.63%	20	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	1,130	1,250	130	11.11%	90	Master's degree
19-2043	Hydrologists	60	60	0	1.69%	0	Master's degree
19-2099	Physical Scientists, All Other	180	180	0	0.56%	10	Bachelor's degree
19-3011	Economists	70	60	0	-3.08%	0	Master's degree
19-3021	Market Research Analysts	1,910	1,980	70	3.72%	90	Bachelor's degree

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19-3022	Survey Researchers	180	180	0	1.70%	10	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	1,820	1,830	10	0.44%	60	Doctoral degree
19-3039	Psychologists, All Other	160	160	0	0.00%	10	Master's degree
19-3051	Urban and Regional Planners	290	300	10	1.72%	10	Master's degree
19-3093	Historians	80	80	0	-1.32%	0	Master's degree
19-3099	Social Scientists and Related Workers, All Other	140	140	0	2.88%	10	Master's degree
19-4011	Agricultural and Food Science Technicians	170	170	0	0.60%	10	Associate degree
19-4021	Biological Technicians	580	590	10	1.38%	30	Bachelor's degree
19-4031	Chemical Technicians	320	330	10	3.17%	10	Associate degree
19-4041	Geological and Petroleum Technicians	880	960	70	8.15%	70	Associate degree
19-4091	Environmental Science and Protection Technicians, I	280	280	0	0.00%	10	Associate degree
19-4092	Forensic Science Technicians	130	120	0	-1.60%	10	Bachelor's degree
19-4093	Forest and Conservation Technicians	220	220	0	-1.79%	10	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All O	330	330	0	0.00%	20	Associate degree
21-1011	Substance Abuse and Behavioral Disorder Counselo	1,760	1,790	30	1.94%	50	Bachelor's degree
21-1012	Educational, Vocational, and School Counselors	3,520	3,540	10	0.40%	70	Master's degree
21-1013	Marriage and Family Therapists	400	400	0	0.51%	10	Master's degree
21-1014	Mental Health Counselors	1,270	1,290	20	1.90%	40	Master's degree
21-1015	Rehabilitation Counselors	1,570	1,580	10	0.64%	30	Master's degree
21-1019	Counselors, All Other	150	150	0	-2.03%	0	Master's degree
21-1021	Child, Family, and School Social Workers	4,670	4,500	-160	-3.49%	110	Bachelor's degree
21-1022	Medical and Public Health Social Workers	1,480	1,510	40	2.64%	60	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	1,190	1,200	20	1.43%	40	Master's degree
21-1029	Social Workers, All Other	870	850	-20	-2.30%	20	Bachelor's degree
21-1091	Health Educators	920	940	20	1.74%	30	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Speci	840	830	-10	-1.07%	20	Bachelor's degree
21-1093	Social and Human Service Assistants	2,740	2,720	-20	-0.84%	50	Moderate-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	670	670	0	0.00%	10	Bachelor's degree
21-2011	Clergy	590	590	10	1.37%	10	Master's degree
23-1011	Lawyers	8,310	8,280	-30	-0.35%	140	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	450	420	-30	-6.22%	10	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	2,820	2,860	40	1.53%	50	Associate degree
23-2091	Court Reporters	480	480	0	0.00%	10	Postsecondary vocational training
23-2092	Law Clerks	320	320	0	0.31%	10	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	1,740	1,730	-20	-0.92%	20	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	240	240	0	-1.24%	0	Moderate-term on-the-job training
25-2011	Preschool Teachers, Except Special Education	5,440	5,470	30	0.50%	120	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	2,470	2,490	20	0.89%	60	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Educat	18,990	19,180	190	1.01%	500	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocatic	7,980	8,060	80	0.94%	210	Bachelor's degree

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25-2031	Secondary School Teachers, Except Special and Vo	12,520	12,480	-30	-0.26%	360	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	1,450	1,450	0	0.21%	40	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten	2,620	2,660	40	1.45%	80	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	1,360	1,370	10	0.51%	40	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teach	1,460	1,470	10	0.34%	20	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,630	1,680	50	3.31%	50	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	8,140	8,160	20	0.23%	130	Bachelor's degree
25-4011	Archivists	80	80	0	-1.19%	0	Master's degree
25-4012	Curators	70	80	0	2.70%	0	Master's degree
25-4021	Librarians	2,590	2,570	-10	-0.54%	60	Master's degree
25-4031	Library Technicians	2,120	2,120	0	-0.05%	120	Postsecondary vocational training
25-9011	Audio-Visual Collections Specialists	110	110	0	-0.91%	0	Bachelor's degree
25-9031	Instructional Coordinators	1,290	1,300	10	0.93%	30	Master's degree
25-9041	Teacher Assistants	13,020	12,980	-40	-0.30%	250	Short-term on-the-job training
27-1011	Art Directors	530	540	10	1.33%	20	Bachelor's or higher degree, plus work experience
27-1012	Craft Artists	80	80	0	0.00%	0	Long-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, and Illustr	160	160	0	1.29%	0	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	80	80	0	1.33%	0	Bachelor's degree
27-1021	Commercial and Industrial Designers	520	530	10	1.34%	20	Bachelor's degree
27-1023	Floral Designers	830	830	-10	-0.72%	30	Short-term on-the-job training
27-1024	Graphic Designers	1,860	1,880	10	0.64%	60	Bachelor's degree
27-1025	Interior Designers	230	230	10	2.19%	10	Associate degree
27-1026	Merchandise Displayers and Window Trimmers	610	620	10	1.14%	20	Moderate-term on-the-job training
27-1027	Set and Exhibit Designers	100	100	0	3.13%	10	Bachelor's degree
27-2012	Producers and Directors	500	490	-10	-1.60%	20	Bachelor's or higher degree, plus work experience
27-2022	Coaches and Scouts	2,660	2,760	90	3.45%	100	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	170	170	0	0.00%	0	Long-term on-the-job training
27-2032	Choreographers	70	70	0	0.00%	0	Work experience in a related occupation
27-2042	Musicians and Singers	210	210	0	0.98%	10	Long-term on-the-job training
27-3011	Radio and Television Announcers	820	780	-40	-4.75%	20	Long-term on-the-job training
27-3021	Broadcast News Analysts	110	110	0	-1.83%	0	Bachelor's degree
27-3022	Reporters and Correspondents	550	540	-10	-1.99%	20	Bachelor's degree
27-3031	Public Relations Specialists	2,140	2,180	50	2.11%	70	Bachelor's degree
27-3041	Editors	810	800	0	-0.50%	20	Bachelor's degree
27-3042	Technical Writers	310	320	10	3.54%	10	Bachelor's degree
27-3043	Writers and Authors	2,130	2,180	50	2.25%	70	Bachelor's degree
27-3091	Interpreters and Translators	270	280	0	1.47%	10	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	540	550	10	1.85%	20	Postsecondary vocational training
27-4012	Broadcast Technicians	350	340	-10	-3.13%	10	Associate degree
27-4021	Photographers	1,880	1,920	40	2.35%	50	Long-term on-the-job training

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27-4031	Camera Operators, Television, Video, and Motion Picture	200	200	0	-1.47%	10	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	60	60	0	1.79%	0	Moderate-term on-the-job training
29-1011	Chiropractors	1,020	1,050	30	2.55%	30	First professional degree
29-1021	Dentists, General	1,380	1,390	20	1.31%	50	First professional degree
29-1023	Orthodontists	150	150	0	2.74%	10	First professional degree
29-1031	Dietitians and Nutritionists	750	750	0	0.40%	30	Bachelor's degree
29-1041	Optometrists	660	680	20	3.34%	30	First professional degree
29-1051	Pharmacists	3,250	3,360	110	3.35%	120	First professional degree
29-1071	Physician Assistants	1,170	1,230	60	4.88%	50	Master's degree
29-1111	Registered Nurses	28,180	29,100	920	3.25%	860	Associate degree
29-1121	Audiologists	170	170	0	0.00%	0	First professional degree
29-1123	Physical Therapists	2,000	2,080	80	3.95%	60	Master's degree
29-1124	Radiation Therapists	330	350	20	4.50%	10	Associate degree
29-1125	Recreational Therapists	370	370	0	-0.80%	10	Bachelor's degree
29-1126	Respiratory Therapists	1,160	1,210	50	3.88%	40	Associate degree
29-1127	Speech-Language Pathologists	1,330	1,330	0	0.30%	20	Master's degree
29-1129	Therapists, All Other	100	100	0	0.00%	0	Bachelor's degree
29-1131	Veterinarians	740	780	40	5.95%	30	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	370	370	10	1.63%	10	Bachelor's degree
29-2011	Medical and Clinical Laboratory Technologists	1,850	1,890	40	2.05%	50	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	1,650	1,680	30	1.58%	40	Associate degree
29-2021	Dental Hygienists	1,700	1,770	70	4.30%	70	Associate degree
29-2031	Cardiovascular Technologists and Technicians	630	660	30	4.27%	20	Associate degree
29-2032	Diagnostic Medical Sonographers	520	530	10	2.51%	10	Associate degree
29-2033	Nuclear Medicine Technologists	230	240	10	2.99%	10	Associate degree
29-2034	Radiologic Technologists and Technicians	2,460	2,520	60	2.44%	60	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	2,420	2,430	10	0.58%	50	Postsecondary vocational training
29-2051	Dietetic Technicians	580	590	10	1.03%	20	Postsecondary vocational training
29-2052	Pharmacy Technicians	4,190	4,440	250	5.91%	210	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	960	970	10	0.52%	20	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	340	340	0	0.30%	10	Postsecondary vocational training
29-2055	Surgical Technologists	1,480	1,540	60	3.92%	60	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	590	630	40	6.28%	30	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	14,220	14,510	290	2.05%	590	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	3,080	3,140	60	1.88%	90	Associate degree
29-2099	Health Technologists and Technicians, All Other	460	470	10	2.64%	10	Postsecondary vocational training
29-9011	Occupational Health and Safety Specialists	1,170	1,190	20	1.28%	40	Bachelor's degree
29-9012	Occupational Health and Safety Technicians	130	140	0	2.27%	10	Associate degree
31-1011	Home Health Aides	8,580	9,130	550	6.44%	350	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	19,090	19,580	490	2.55%	400	Postsecondary vocational training

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				Numeric	Percent		
31-1013	Psychiatric Aides	830	830	0	-0.12%	10	Short-term on-the-job training
31-2011	Occupational Therapist Assistants	470	490	20	4.06%	20	Associate degree
31-2012	Occupational Therapist Aides	240	250	10	3.69%	10	Short-term on-the-job training
31-2021	Physical Therapist Assistants	1,250	1,300	50	3.75%	40	Associate degree
31-2022	Physical Therapist Aides	680	710	30	5.01%	30	Short-term on-the-job training
31-9091	Dental Assistants	4,060	4,210	160	3.87%	150	Moderate-term on-the-job training
31-9092	Medical Assistants	6,090	6,230	150	2.38%	130	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	1,400	1,410	20	1.07%	20	Postsecondary vocational training
31-9095	Pharmacy Aides	720	720	0	-0.14%	10	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretak	1,000	1,040	40	4.30%	30	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	1,660	1,690	40	2.17%	30	Short-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Offic	770	750	-20	-2.60%	30	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detec	1,430	1,430	0	0.21%	60	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and	980	980	10	0.61%	50	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service	350	360	0	0.28%	10	Work experience in a related occupation
33-2011	Fire Fighters	5,540	5,710	170	2.98%	240	Long-term on-the-job training
33-3011	Bailiffs	380	360	-20	-5.25%	10	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	6,790	6,760	-30	-0.44%	140	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	1,330	1,300	-20	-1.81%	20	Work experience in a related occupation
33-3031	Fish and Game Wardens	250	240	-10	-5.24%	10	Associate degree
33-3051	Police and Sheriff's Patrol Officers	8,980	8,970	-10	-0.11%	210	Long-term on-the-job training
33-9021	Private Detectives and Investigators	510	510	10	1.78%	10	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigat	450	440	-10	-1.77%	10	Moderate-term on-the-job training
33-9032	Security Guards	10,260	10,220	-50	-0.46%	210	Short-term on-the-job training
33-9091	Crossing Guards	560	560	10	1.26%	20	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protec	840	820	-10	-1.55%	90	Short-term on-the-job training
35-1011	Chefs and Head Cooks	1,030	1,040	10	0.97%	10	Work experience in a related occupation
35-1012	First-Line Supervisors/Managers of Food Preparator	9,980	10,220	250	2.49%	210	Work experience in a related occupation
35-2011	Cooks, Fast Food	13,940	14,410	470	3.34%	630	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	8,850	8,820	-30	-0.34%	250	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	10,430	10,780	350	3.34%	470	Long-term on-the-job training
35-2015	Cooks, Short Order	2,010	2,010	0	0.00%	60	Short-term on-the-job training
35-2021	Food Preparation Workers	8,740	8,840	110	1.23%	440	Short-term on-the-job training
35-3011	Bartenders	3,970	4,070	100	2.52%	190	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Ir	24,970	26,100	1,130	4.53%	1000	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, an	4,490	4,600	110	2.54%	590	Short-term on-the-job training
35-3031	Waiters and Waitresses	28,130	28,960	830	2.95%	2060	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	2,270	2,330	60	2.47%	70	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartende	4,250	4,360	110	2.59%	310	Short-term on-the-job training
35-9021	Dishwashers	5,540	5,750	220	3.90%	430	Short-term on-the-job training

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				Numeric	Percent		
37-1011	First-Line Supervisors/Managers of Housekeeping ar	2,720	2,730	10	0.29%	20	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, La	2,500	2,550	50	2.04%	50	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeep	23,100	23,070	-40	-0.16%	410	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	12,140	12,220	80	0.67%	240	Short-term on-the-job training
37-2019	Building Cleaning Workers, All Other	170	170	0	0.59%	0	Short-term on-the-job training
37-2021	Pest Control Workers	1,010	1,020	20	1.79%	40	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	11,520	11,720	200	1.71%	230	Short-term on-the-job training
37-3013	Tree Trimmers and Pruners	970	1,020	50	4.86%	40	Short-term on-the-job training
39-1011	Gaming Supervisors	820	830	10	1.35%	20	Work experience in a related occupation
39-1012	Slot Key Persons	720	710	-10	-1.94%	20	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service	1,230	1,240	10	0.89%	40	Work experience in a related occupation
39-3011	Gaming Dealers	1,620	1,670	50	2.89%	110	Postsecondary vocational training
39-3012	Gaming and Sports Book Writers and Runners	670	670	-10	-0.74%	40	Short-term on-the-job training
39-3021	Motion Picture Projectionists	110	110	0	0.89%	10	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	730	740	10	1.51%	70	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	2,490	2,420	-70	-2.77%	180	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attenc	70	70	0	-4.41%	10	Short-term on-the-job training
39-3099	Entertainment Attendants and Related Workers, All C	760	800	40	4.87%	70	Moderate-term on-the-job training
39-4011	Embalmers	170	170	0	0.00%	10	Postsecondary vocational training
39-4021	Funeral Attendants	350	370	20	5.10%	20	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	4,260	4,390	130	2.93%	120	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	190	190	10	2.69%	10	Postsecondary vocational training
39-5094	Skin Care Specialists	70	70	0	1.39%	0	Postsecondary vocational training
39-6011	Baggage Porters and Bellhops	250	260	10	3.15%	10	Short-term on-the-job training
39-6021	Tour Guides and Escorts	160	160	0	1.29%	10	Moderate-term on-the-job training
39-9011	Child Care Workers	13,360	13,360	0	0.00%	420	Short-term on-the-job training
39-9021	Personal and Home Care Aides	9,450	9,950	500	5.29%	350	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	2,760	2,720	-40	-1.45%	50	Postsecondary vocational training
39-9032	Recreation Workers	3,350	3,350	0	-0.03%	60	Short-term on-the-job training
39-9041	Residential Advisors	580	580	0	0.00%	20	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	220	220	0	-1.81%	10	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Wor	20,960	21,280	320	1.54%	590	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales	3,370	3,400	30	0.95%	80	Work experience in a related occupation
41-2011	Cashiers	40,340	40,720	380	0.95%	2580	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	1,290	1,220	-60	-4.97%	80	Short-term on-the-job training
41-2021	Counter and Rental Clerks	3,680	3,680	10	0.16%	120	Short-term on-the-job training
41-2022	Parts Salespersons	4,040	4,080	40	1.01%	190	Moderate-term on-the-job training
41-2031	Retail Salespersons	52,110	53,140	1,040	1.99%	2060	Short-term on-the-job training
41-3011	Advertising Sales Agents	1,360	1,330	-20	-1.62%	30	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	5,630	5,700	60	1.08%	160	Postsecondary vocational training

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41-3031	Securities, Commodities, and Financial Services Sal	1,420	1,500	80	5.58%	80	Bachelor's degree
41-3041	Travel Agents	680	700	20	2.66%	10	Postsecondary vocational training
41-3099	Sales Representatives, Services, All Other	2,420	2,470	50	2.19%	90	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturin	6,000	6,170	170	2.88%	220	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturin	11,940	12,290	350	2.96%	440	Work experience in a related occupation
41-9011	Demonstrators and Product Promoters	450	460	10	1.99%	20	Moderate-term on-the-job training
41-9021	Real Estate Brokers	1,480	1,510	30	1.69%	30	Work experience in a related occupation
41-9022	Real Estate Sales Agents	6,180	6,350	180	2.83%	170	Postsecondary vocational training
41-9031	Sales Engineers	350	360	10	2.83%	20	Bachelor's degree
41-9041	Telemarketers	4,090	4,000	-100	-2.39%	120	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	630	640	10	0.79%	20	Moderate-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Admir	17,050	17,380	340	1.98%	520	Work experience in a related occupation
43-2011	Switchboard Operators, Including Answering Service	2,400	2,350	-60	-2.29%	60	Short-term on-the-job training
43-3011	Bill and Account Collectors	5,830	6,060	230	3.93%	230	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	7,850	8,070	230	2.88%	230	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	32,810	33,480	670	2.04%	720	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	480	460	-20	-4.56%	10	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	3,260	3,220	-40	-1.17%	70	Moderate-term on-the-job training
43-3061	Procurement Clerks	1,880	1,900	20	0.85%	50	Moderate-term on-the-job training
43-3071	Tellers	8,690	8,830	140	1.65%	470	Short-term on-the-job training
43-4011	Brokerage Clerks	220	230	10	2.23%	10	Moderate-term on-the-job training
43-4021	Correspondence Clerks	360	350	-10	-3.34%	10	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	2,060	2,230	170	8.20%	140	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	410	410	0	-0.49%	10	Short-term on-the-job training
43-4051	Customer Service Representatives	26,050	26,770	720	2.74%	1160	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	720	710	0	-0.56%	10	Moderate-term on-the-job training
43-4071	File Clerks	3,020	2,860	-170	-5.49%	90	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	2,180	2,310	130	5.82%	150	Short-term on-the-job training
43-4121	Library Assistants, Clerical	1,760	1,770	10	0.57%	80	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	2,450	2,470	20	0.86%	70	Short-term on-the-job training
43-4141	New Accounts Clerks	940	950	10	0.53%	30	Work experience in a related occupation
43-4151	Order Clerks	3,410	3,260	-160	-4.57%	100	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Tii	2,150	2,120	-40	-1.62%	60	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	11,850	12,020	170	1.42%	420	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Ti	2,090	2,090	0	0.14%	50	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	1,940	1,870	-70	-3.67%	60	Short-term on-the-job training
43-5011	Cargo and Freight Agents	300	310	10	1.67%	10	Moderate-term on-the-job training
43-5021	Couriers and Messengers	1,080	1,080	0	-0.28%	20	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	1,880	1,930	50	2.44%	60	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,630	2,650	20	0.61%	60	Moderate-term on-the-job training

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				Numeric	Percent		
43-5041	Meter Readers, Utilities	1,050	1,020	-30	-2.58%	20	Short-term on-the-job training
43-5051	Postal Service Clerks	680	620	-60	-9.08%	10	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	3,740	3,540	-200	-5.43%	110	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Proces:	1,550	1,380	-180	-11.40%	10	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	3,280	3,360	70	2.25%	110	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	8,640	8,670	30	0.34%	230	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	16,850	17,070	220	1.28%	510	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Rec	720	710	-10	-1.66%	30	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	15,720	15,920	190	1.23%	310	Work experience in a related occupation
43-6012	Legal Secretaries	2,250	2,230	-20	-0.71%	30	Associate degree
43-6013	Medical Secretaries	4,380	4,510	130	2.94%	130	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	23,890	23,790	-90	-0.39%	330	Moderate-term on-the-job training
43-9011	Computer Operators	1,760	1,650	-110	-6.15%	20	Moderate-term on-the-job training
43-9021	Data Entry Keyers	2,960	2,890	-70	-2.40%	60	Moderate-term on-the-job training
43-9022	Word Processors and Typists	700	680	-20	-2.56%	10	Moderate-term on-the-job training
43-9031	Desktop Publishers	130	120	0	-2.36%	0	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	2,590	2,560	-30	-1.23%	30	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Pos	1,240	1,210	-30	-2.18%	20	Short-term on-the-job training
43-9061	Office Clerks, General	40,040	40,570	540	1.34%	790	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	470	460	-10	-2.14%	20	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	110	110	0	-1.79%	0	Short-term on-the-job training
45-1011	First-Line Supervisors/Managers of Farming, Fishing	1,490	1,510	20	1.61%	50	Work experience in a related occupation
45-2011	Agricultural Inspectors	180	170	0	-1.71%	0	Work experience in a related occupation
45-2021	Animal Breeders	810	820	10	0.87%	30	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	640	630	-10	-1.40%	10	Work experience in a related occupation
45-2092	Farmworkers and Laborers, Crop, Nursery, and Gree	16,620	16,630	10	0.06%	500	Short-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	4,760	4,760	0	0.04%	140	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Tra	10,020	10,650	630	6.30%	480	Work experience in a related occupation
47-2011	Boilermakers	360	390	30	8.56%	20	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	800	840	50	5.76%	40	Long-term on-the-job training
47-2022	Stonemasons	240	250	10	4.64%	10	Long-term on-the-job training
47-2031	Carpenters	8,830	9,120	290	3.28%	240	Long-term on-the-job training
47-2041	Carpet Installers	480	490	10	2.73%	20	Moderate-term on-the-job training
47-2043	Floor Sanders and Finishers	220	230	10	4.05%	10	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	690	720	30	3.76%	30	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	3,550	3,780	230	6.59%	210	Moderate-term on-the-job training
47-2061	Construction Laborers	14,270	14,930	670	4.66%	410	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operato	2,030	2,010	-30	-1.23%	30	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipm	4,650	4,860	210	4.52%	170	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	1,540	1,630	100	6.25%	60	Moderate-term on-the-job training

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		Estimated Employment	Projected Employment	Numeric	Percent	Annual Openings	
47-2111	Electricians	7,060	7,450	390	5.52%	360	Long-term on-the-job training
47-2121	Glaziers	680	720	40	5.28%	40	Long-term on-the-job training
47-2131	Insulation Workers, Floor, Ceiling, and Wall	230	250	20	7.27%	20	Moderate-term on-the-job training
47-2132	Insulation Workers, Mechanical	360	400	30	9.37%	30	Moderate-term on-the-job training
47-2141	Painters, Construction and Maintenance	4,600	4,730	130	2.81%	140	Moderate-term on-the-job training
47-2151	Pipelayers	990	1,050	60	5.96%	50	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5,690	5,990	300	5.33%	260	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	190	200	10	4.19%	10	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	70	80	0	5.41%	0	Long-term on-the-job training
47-2181	Roofers	1,290	1,350	60	4.42%	50	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	3,670	3,840	170	4.61%	180	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	710	760	50	7.02%	40	Long-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons,	340	370	30	7.65%	20	Short-term on-the-job training
47-3012	Helpers--Carpenters	580	610	20	4.12%	30	Short-term on-the-job training
47-3013	Helpers--Electricians	1,490	1,620	130	8.66%	100	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and St	70	80	0	4.11%	0	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Stea	970	1,060	90	9.61%	70	Short-term on-the-job training
47-3016	Helpers--Roofers	80	80	0	3.75%	0	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	360	390	30	7.52%	20	Short-term on-the-job training
47-4011	Construction and Building Inspectors	1,140	1,160	20	1.85%	30	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	170	180	10	2.91%	10	Long-term on-the-job training
47-4031	Fence Erectors	200	210	20	7.61%	10	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	3,530	3,570	40	1.22%	100	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Oper	200	200	0	0.50%	10	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	370	380	10	1.89%	10	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	2,410	2,900	490	20.36%	280	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	2,640	3,170	530	20.18%	310	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	1,650	1,990	340	20.56%	200	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	450	520	70	15.59%	40	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, an	450	450	10	1.12%	10	Moderate-term on-the-job training
47-5042	Mine Cutting and Channeling Machine Operators	70	70	0	6.06%	0	Moderate-term on-the-job training
47-5051	Rock Splitters, Quarry	250	260	10	2.36%	10	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	4,240	5,020	780	18.43%	460	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	1,000	1,160	160	15.58%	90	Short-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Insta	5,250	5,340	80	1.58%	170	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Re	1,220	1,230	10	0.91%	20	Postsecondary vocational training
49-2021	Radio Mechanics	120	120	0	-0.84%	0	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repai	1,850	1,780	-60	-3.41%	30	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	360	360	0	0.83%	10	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial anc	1,430	1,490	50	3.63%	50	Postsecondary vocational training

## OKLAHOMA SHORT-TERM OCCUPATIONAL OUTLOOK, 2010 - 2012

Occupation Code	Occupation Title	2010 2nd Qtr Estimated Employment	2012 2nd Qtr Projected Employment	Employment Change 2010-2012		Average Annual Openings	Educational Attainment
				Numeric	Percent		
49-2095	Electrical and Electronics Repairers, Powerhouse, Si	350	370	20	6.27%	20	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor	180	190	0	1.09%	0	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers	370	380	10	3.27%	10	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	890	910	30	2.94%	30	Postsecondary vocational training
49-3011	Aircraft Mechanics and Service Technicians	5,750	5,750	-10	-0.09%	100	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	2,730	2,710	-10	-0.51%	70	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	8,430	8,510	80	0.97%	190	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specia	3,580	3,640	60	1.62%	100	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	420	440	30	6.02%	20	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engine:	1,520	1,600	80	5.20%	60	Long-term on-the-job training
49-3043	Rail Car Repairers	160	160	0	0.65%	0	Long-term on-the-job training
49-3051	Motorboat Mechanics	200	200	0	-0.49%	0	Long-term on-the-job training
49-3052	Motorcycle Mechanics	390	390	10	2.07%	10	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine M	520	530	10	2.51%	20	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	210	220	0	1.87%	10	Long-term on-the-job training
49-3093	Tire Repairers and Changers	1,290	1,300	10	0.54%	30	Short-term on-the-job training
49-9011	Mechanical Door Repairers	360	380	20	6.08%	20	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except M	850	870	20	1.88%	20	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mecha	3,210	3,480	280	8.67%	180	Postsecondary vocational training
49-9031	Home Appliance Repairers	450	460	10	2.22%	10	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	4,200	4,530	330	7.86%	220	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	15,990	16,360	370	2.29%	400	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	1,070	1,100	30	2.72%	30	Moderate-term on-the-job training
49-9044	Millwrights	190	190	10	3.21%	10	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	70	80	0	4.05%	0	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	1,870	1,940	70	3.68%	100	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	1,530	1,490	-50	-3.13%	20	Long-term on-the-job training
49-9061	Camera and Photographic Equipment Repairers	100	100	0	2.06%	0	Long-term on-the-job training
49-9062	Medical Equipment Repairers	460	480	30	5.69%	30	Associate degree
49-9069	Precision Instrument and Equipment Repairers, All C	240	250	0	1.66%	10	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers &	840	830	-10	-0.84%	30	Moderate-term on-the-job training
49-9096	Riggers	50	50	0	4.17%	0	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Work	2,330	2,380	50	2.19%	130	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All O	1,290	1,330	40	2.71%	40	Moderate-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and C	7,720	7,900	180	2.35%	200	Work experience in a related occupation
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems A	770	770	10	0.65%	20	Moderate-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	240	230	-10	-2.11%	0	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	1,870	1,920	60	3.05%	60	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	270	270	0	0.38%	10	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	450	480	40	8.30%	30	Short-term on-the-job training

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Occupation Code	Occupation Title	2010 2nd Qtr	2012 2nd Qtr	Employment Change		Average	Educational Attainment
		Estimated Employment	Projected Employment	Numeric	Percent	Annual Openings	
51-2041	Structural Metal Fabricators and Fitters	1,750	1,900	150	8.32%	110	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	250	250	-10	-2.38%	10	Moderate-term on-the-job training
51-2092	Team Assemblers	13,580	13,920	330	2.46%	470	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	900	890	-10	-0.67%	20	Moderate-term on-the-job training
51-3011	Bakers	1,280	1,290	10	0.47%	40	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	1,190	1,170	-20	-1.60%	40	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	560	560	0	0.00%	20	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	2,370	2,390	20	0.72%	90	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Ma	440	440	0	-0.23%	10	Short-term on-the-job training
51-3092	Food Batchmakers	550	560	10	1.65%	20	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	520	540	10	2.29%	20	Short-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal	1,180	1,300	120	9.80%	80	Moderate-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	210	220	20	7.21%	10	Work experience in a related occupation
51-4021	Extruding and Drawing Machine Setters, Operators, i	660	670	10	1.82%	20	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, M	180	180	10	2.82%	10	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, M	480	500	20	3.77%	20	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Oper	2,310	2,370	60	2.64%	80	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators,	490	510	20	3.04%	10	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine T	1,110	1,150	40	3.41%	40	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators,	930	980	50	5.50%	40	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and	470	500	30	6.20%	20	Moderate-term on-the-job training
51-4041	Machinists	5,760	6,120	360	6.25%	250	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	120	130	10	4.88%	10	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	120	120	0	2.52%	10	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	190	190	0	0.54%	10	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters,	980	980	0	0.20%	20	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tende	730	730	0	-0.27%	10	Moderate-term on-the-job training
51-4111	Tool and Die Makers	360	370	10	3.60%	10	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	10,090	10,660	570	5.67%	590	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Oj	600	640	40	6.18%	40	Postsecondary vocational training
51-4191	Heat Treating Equipment Setters, Operators, and Te	350	370	20	6.65%	30	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	170	180	10	6.43%	10	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and	430	450	30	6.82%	30	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	270	290	20	7.43%	20	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	150	150	0	-1.32%	0	Moderate-term on-the-job training
51-5011	Bindery Workers	430	380	-50	-11.48%	10	Short-term on-the-job training
51-5022	Prepress Technicians and Workers	550	520	-30	-5.85%	10	Postsecondary vocational training
51-5023	Printing Machine Operators	1,330	1,270	-70	-4.95%	30	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	3,020	3,030	0	0.10%	50	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	740	730	-10	-1.49%	0	Short-term on-the-job training

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Occupation Code	Occupation Title	2010 2nd Qtr Estimated Employment	2012 2nd Qtr Projected Employment	Employment Change 2010-2012		Average Annual Openings	Educational Attainment
				Numeric	Percent		
51-6031	Sewing Machine Operators	940	900	-50	-4.89%	10	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	140	140	0	-1.44%	0	Long-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	50	0	-7.55%	0	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders	300	280	-20	-6.44%	0	Moderate-term on-the-job training
51-6093	Upholsterers	230	220	-10	-2.22%	0	Long-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	1,140	1,070	-70	-6.22%	30	Long-term on-the-job training
51-7021	Furniture Finishers	90	80	-10	-9.30%	0	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Woodworking	360	300	-60	-16.29%	10	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders	230	190	-30	-14.22%	10	Moderate-term on-the-job training
51-8012	Power Distributors and Dispatchers	130	130	10	3.97%	10	Long-term on-the-job training
51-8013	Power Plant Operators	440	460	20	4.33%	20	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	230	230	10	2.63%	10	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	2,380	2,450	70	3.12%	90	Long-term on-the-job training
51-8092	Gas Plant Operators	480	500	20	3.53%	20	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Blenders	1,930	2,090	150	7.97%	120	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	440	430	-10	-2.94%	0	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Straining Machine Operators	340	350	10	2.07%	10	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	690	700	10	1.60%	20	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	600	620	30	4.71%	30	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,090	1,120	30	2.38%	30	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	190	180	-10	-3.66%	0	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	750	750	0	0.27%	20	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,020	6,120	100	1.70%	160	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	210	210	0	0.00%	10	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	380	350	-20	-5.85%	10	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	380	380	0	1.06%	10	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	2,970	2,990	10	0.47%	60	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,780	1,890	110	6.36%	100	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	680	670	0	-0.30%	20	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	360	380	20	5.22%	20	Short-term on-the-job training
51-9131	Photographic Process Workers	200	210	10	2.96%	10	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	610	590	-20	-3.58%	20	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	230	230	0	1.33%	10	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	150	150	0	2.00%	10	Moderate-term on-the-job training
51-9194	Etchers and Engravers	80	70	0	-4.00%	0	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	680	690	10	1.47%	30	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,080	1,020	-60	-5.49%	20	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	6,850	6,980	130	1.84%	200	Short-term on-the-job training
51-9199	Production Workers, All Other	1,420	1,420	0	-0.14%	30	Moderate-term on-the-job training
53-1011	Aircraft Cargo Handling Supervisors	70	70	0	-1.39%	0	Work experience in a related occupation

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				Numeric	Percent		
53-1021	First-Line Supervisors/Managers of Helpers, Laborer	1,940	1,970	30	1.39%	40	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation ai	3,110	3,070	-30	-1.06%	50	Work experience in a related occupation
53-2011	Airline Pilots, Copilots, and Flight Engineers	210	210	0	1.43%	10	Bachelor's degree
53-2012	Commercial Pilots	320	330	10	2.19%	20	Postsecondary vocational training
53-2021	Air Traffic Controllers	460	470	10	1.73%	20	Long-term on-the-job training
53-2022	Airfield Operations Specialists	120	120	0	2.54%	10	Long-term on-the-job training
53-3011	Ambulance Drivers and Attendants, Except Emergen	240	240	0	0.41%	10	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	1,120	1,120	0	0.36%	20	Moderate-term on-the-job training
53-3022	Bus Drivers, School	4,970	4,870	-90	-1.87%	70	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	5,330	5,400	70	1.31%	120	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	23,590	24,630	1,040	4.42%	910	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	9,630	9,780	150	1.52%	230	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	2,530	2,570	40	1.74%	60	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	250	250	0	1.21%	10	Short-term on-the-job training
53-6021	Parking Lot Attendants	930	930	0	-0.32%	40	Short-term on-the-job training
53-6031	Service Station Attendants	470	470	0	-0.63%	20	Short-term on-the-job training
53-6041	Traffic Technicians	280	270	-10	-3.21%	10	Short-term on-the-job training
53-6051	Transportation Inspectors	290	300	10	2.39%	10	Work experience in a related occupation
53-7011	Conveyor Operators and Tenders	710	690	-20	-2.26%	20	Short-term on-the-job training
53-7021	Crane and Tower Operators	470	490	30	5.38%	20	Long-term on-the-job training
53-7031	Dredge Operators	80	90	0	3.66%	10	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Oper:	2,670	2,860	200	7.43%	180	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	6,450	6,570	120	1.86%	250	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	3,260	3,260	10	0.18%	140	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, H	23,230	23,310	80	0.34%	820	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,080	1,040	-40	-3.63%	20	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	5,400	5,310	-90	-1.72%	80	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operator	360	370	10	3.36%	20	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	530	540	10	2.66%	20	Moderate-term on-the-job training
53-7073	Wellhead Pumps	2,460	2,670	210	8.57%	180	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	2,180	2,210	30	1.28%	80	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	140	140	0	0.73%	10	Moderate-term on-the-job training