

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>574,910</b>	<b>647,470</b>	<b>72,560</b>	<b>12.6%</b>	<b>211,100</b>	<b>\$33,329</b>				
11-1011	Chief Executives	2,310	2,470	160	7.1%	660	\$164,983	Bachelor's degree	5 years or more	None	
11-1021	General and Operations Managers	9,600	10,940	1,330	13.9%	3,130	\$86,846	Bachelor's degree	Less than 5 years	None	
11-1031	Legislators	130	140	10	6.7%	40	\$34,302	Bachelor's degree	Less than 5 years	None	
11-2011	Advertising and Promotions Managers	130	140	20	11.6%	60	\$55,106	Bachelor's degree	Less than 5 years	None	
11-2021	Marketing Managers	570	660	80	14.7%	210	\$76,312	Bachelor's degree	5 years or more	None	
11-2022	Sales Managers	1,680	1,870	190	11.6%	550	\$82,497	Bachelor's degree	Less than 5 years	None	
11-2031	Public Relations and Fundraising Managers	300	340	40	14.4%	110	\$79,700	Bachelor's degree	5 years or more	None	
11-3011	Administrative Services Managers	1,730	2,000	270	15.8%	550	\$62,416	Bachelor's degree	Less than 5 years	None	
11-3021	Computer and Information Systems Managers	1,410	1,490	80	5.4%	270	\$97,287	Bachelor's degree	5 years or more	None	
11-3031	Financial Managers	2,320	2,550	230	10.0%	670	\$87,233	Bachelor's degree	5 years or more	None	
11-3051	Industrial Production Managers	840	900	60	6.6%	210	\$84,275	Bachelor's degree	5 years or more	None	
11-3061	Purchasing Managers	290	290	0	0.3%	60	\$87,456	Bachelor's degree	5 years or more	None	
11-3071	Transportation, Storage, and Distribution Managers	530	560	30	6.2%	160	\$68,812	High school diploma or equiv	5 years or more	None	
11-3111	Compensation and Benefits Managers	100	110	10	6.7%	30	\$84,249	Bachelor's degree	5 years or more	None	
11-3121	Human Resources Managers	500	570	60	12.9%	200	\$80,785	Bachelor's degree	5 years or more	None	
11-3131	Training and Development Managers	150	170	20	14.5%	60	\$69,734	Bachelor's degree	5 years or more	None	
11-9021	Construction Managers	3,190	3,580	400	12.4%	900	\$65,098	Bachelor's degree	None	Moderate-term on-the-job training	
11-9031	Education Administrators, Preschool and Childcare Center/Program	400	480	80	19.8%	180	\$31,557	Bachelor's degree	Less than 5 years	None	
11-9032	Education Administrators, Elementary and Secondary School	610	670	60	9.7%	220	\$71,179	Master's degree	5 years or more	None	
11-9033	Education Administrators, Postsecondary	540	640	100	18.0%	240	\$71,757	Master's degree	5 years or more	None	
11-9039	Education Administrators, All Other	170	180	20	9.0%	60	\$63,789	Bachelor's degree	Less than 5 years	None	
11-9051	Food Service Managers	1,590	1,680	100	6.0%	380	\$44,182	High school diploma or equiv	Less than 5 years	None	
11-9061	Funeral Service Managers	30	30	0	0.0%	10	\$44,659	Associate's degree	Less than 5 years	None	
11-9081	Lodging Managers	210	230	10	6.6%	80	\$44,669	High school diploma or equiv	Less than 5 years	None	
11-9111	Medical and Health Services Managers	1,780	2,200	410	23.1%	850	\$76,100	Bachelor's degree	None	None	
11-9121	Natural Sciences Managers	110	130	20	16.7%	40	\$63,834	Bachelor's degree	5 years or more	None	
11-9131	Postmasters and Mail Superintendents	40	30	-10	-26.3%	10	\$72,644	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training	
11-9141	Property, Real Estate, and Community Association Managers	2,010	2,230	210	10.6%	670	\$51,570	High school diploma or equiv	Less than 5 years	None	
11-9151	Social and Community Service Managers	360	440	80	22.5%	160	\$53,844	Bachelor's degree	5 years or more	None	
11-9161	Emergency Management Directors	80	90	10	13.6%	20	\$49,352	Bachelor's degree	5 years or more	None	
11-9199	Managers, All Other	2,310	2,350	40	1.5%	540	\$86,715	High school diploma or equiv	Less than 5 years	None	
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	30	30	0	14.3%	10	\$27,557	Bachelor's degree	Less than 5 years	None	

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		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
13-1021	Buyers and Purchasing Agents, Farm Products	50	60	0	5.6%	10	\$43,480	High school diploma or equiv	None	Long-term on-the-job training
13-1022	Wholesale and Retail Buyers, Except Farm Products	310	340	30	10.0%	110	\$51,830	High school diploma or equiv	None	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,520	1,540	30	1.7%	300	\$61,840	High school diploma or equiv	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	1,580	1,680	100	6.5%	470	\$50,057	High school diploma or equiv	None	Long-term on-the-job training
13-1041	Compliance Officers	1,090	1,150	60	5.1%	260	\$52,054	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	870	1,050	180	20.5%	460	\$55,067	Bachelor's degree	None	None
13-1071	Human Resources Specialists	1,420	1,540	120	8.3%	380	\$50,113	Bachelor's degree	None	None
13-1075	Labor Relations Specialists	40	40	0	-7.5%	10	\$57,301	Bachelor's degree	None	None
13-1081	Logisticians	1,620	1,770	160	9.6%	340	\$71,812	Bachelor's degree	None	None
13-1111	Management Analysts	2,410	2,630	230	9.4%	600	\$65,726	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	440	600	160	35.3%	220	N/A	Bachelor's degree	None	None
13-1131	Fundraisers	100	120	20	20.8%	40	\$39,236	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	300	320	20	5.7%	70	\$45,157	Bachelor's degree	None	None
13-1151	Training and Development Specialists	1,680	2,240	560	33.2%	870	\$63,363	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	830	1,100	270	32.4%	380	\$48,458	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	2,790	2,610	-180	-6.5%	380	\$67,661	High school diploma or equiv	None	None
13-2011	Accountants and Auditors	5,700	6,680	980	17.1%	2,660	\$57,180	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	370	390	20	5.6%	50	\$47,188	Bachelor's degree	None	Long-term on-the-job training
13-2031	Budget Analysts	330	350	20	7.0%	160	\$68,060	Bachelor's degree	None	None
13-2041	Credit Analysts	170	190	20	13.2%	60	\$57,695	Bachelor's degree	None	None
13-2051	Financial Analysts	650	760	100	15.6%	260	\$58,894	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	470	610	140	28.9%	210	\$65,728	Bachelor's degree	None	None
13-2053	Insurance Underwriters	330	320	-20	-5.4%	90	\$52,876	Bachelor's degree	None	Moderate-term on-the-job training
13-2061	Financial Examiners	120	130	0	3.2%	40	\$79,416	Bachelor's degree	None	Moderate-term on-the-job training
13-2071	Credit Counselors	230	270	40	18.6%	80	\$39,083	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	1,580	1,730	150	9.4%	440	\$48,926	Bachelor's degree	None	Moderate-term on-the-job training
13-2081	Tax Examiners and Collectors, and Revenue Agents	260	240	-20	-6.5%	90	\$48,339	Bachelor's degree	None	Moderate-term on-the-job training
13-2082	Tax Preparers	330	370	50	14.4%	110	\$35,719	High school diploma or equiv	None	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	280	280	0	0.7%	30	\$72,758	Bachelor's degree	None	Moderate-term on-the-job training
15-1111	Computer and Information Research Scientists	130	140	0	3.0%	20	N/A	Doctoral or professional degr	None	None
15-1121	Computer Systems Analysts	1,110	1,390	280	25.5%	460	\$73,823	Bachelor's degree	None	None
15-1122	Information Security Analysts	180	230	60	30.7%	80	\$59,032	Bachelor's degree	Less than 5 years	None
15-1131	Computer Programmers	1,150	1,270	120	10.7%	420	\$61,035	Bachelor's degree	None	None

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		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
15-1132	Software Developers, Applications	1,450	1,830	380	26.1%	560	\$79,591	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	1,080	1,370	290	26.7%	430	\$69,393	Bachelor's degree	None	None
15-1134	Web Developers	420	510	90	22.4%	160	\$49,303	Associate's degree	None	None
15-1141	Database Administrators	380	440	60	14.8%	130	\$71,004	Bachelor's degree	Less than 5 years	None
15-1142	Network and Computer Systems Administrators	980	1,090	110	11.6%	270	\$65,312	Bachelor's degree	None	None
15-1143	Computer Network Architects	230	270	40	15.0%	70	\$70,051	Bachelor's degree	5 years or more	None
15-1151	Computer User Support Specialists	2,220	2,760	550	24.6%	900	\$40,003	Some college, no degree	None	Moderate-term on-the-job training
15-1152	Computer Network Support Specialists	630	720	100	15.3%	190	\$57,132	Associate's degree	None	None
15-1199	Computer Occupations, All Other	910	830	-90	-9.4%	140	\$77,907	Bachelor's degree	None	None
15-2031	Operations Research Analysts	250	340	90	34.9%	140	\$51,932	Bachelor's degree	None	None
15-2041	Statisticians	120	150	40	30.4%	70	\$49,224	Master's degree	None	None
17-1011	Architects, Except Landscape and Naval	340	420	80	22.6%	160	\$69,551	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	60	80	10	21.9%	30	\$68,097	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	30	30	10	25.9%	10	\$62,483	Bachelor's degree	None	None
17-1022	Surveyors	460	540	80	16.7%	180	\$51,571	Bachelor's degree	Less than 5 years	None
17-2011	Aerospace Engineers	590	620	20	4.2%	160	\$90,345	Bachelor's degree	None	None
17-2041	Chemical Engineers	120	150	30	21.1%	60	\$82,802	Bachelor's degree	None	None
17-2051	Civil Engineers	780	990	220	28.0%	400	\$62,422	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	80	80	-10	-9.5%	20	\$107,571	Bachelor's degree	None	None
17-2071	Electrical Engineers	240	280	40	15.8%	90	\$79,829	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	1,160	1,060	-100	-9.0%	250	\$90,349	Bachelor's degree	None	None
17-2081	Environmental Engineers	100	110	10	12.0%	40	\$91,859	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	130	140	20	15.1%	60	\$89,803	Bachelor's degree	None	None
17-2112	Industrial Engineers	850	1,000	150	17.7%	400	\$79,290	Bachelor's degree	None	None
17-2131	Materials Engineers	60	50	0	-5.5%	20	\$84,427	Bachelor's degree	None	None
17-2141	Mechanical Engineers	1,010	1,050	30	3.4%	380	\$80,380	Bachelor's degree	None	None
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	80	90	10	12.5%	30	\$107,764	Bachelor's degree	None	None
17-2171	Petroleum Engineers	1,960	2,760	790	40.4%	1,290	\$131,192	Bachelor's degree	None	None
17-2199	Engineers, All Other	650	710	60	8.8%	180	\$97,932	Bachelor's degree	None	None
17-3011	Architectural and Civil Drafters	490	510	20	4.3%	90	\$47,971	Associate's degree	None	None
17-3012	Electrical and Electronics Drafters	110	130	20	18.3%	40	\$55,897	Associate's degree	None	None
17-3013	Mechanical Drafters	460	460	0	-0.7%	60	\$47,094	Associate's degree	None	None
17-3019	Drafters, All Other	110	130	20	18.7%	30	\$31,420	Associate's degree	None	None

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		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education	On-the-job Training	
17-3022	Civil Engineering Technicians	320	350	30	8.4%	90	\$54,456	Associate's degree	None	None
17-3023	Electrical and Electronics Engineering Technicians	770	700	-70	-8.7%	160	\$67,654	Associate's degree	None	None
17-3024	Electro-Mechanical Technicians	60	60	0	-4.9%	10	\$36,079	Associate's degree	None	None
17-3025	Environmental Engineering Technicians	100	120	20	24.0%	40	\$44,146	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	370	340	-30	-8.1%	80	\$65,719	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	230	240	20	7.1%	60	\$47,433	Associate's degree	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	390	370	-20	-4.1%	80	\$63,221	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	280	340	60	20.5%	110	\$55,451	High school diploma or equiv	None	Moderate-term on-the-job training
19-1012	Food Scientists and Technologists	50	50	0	4.1%	20	\$52,792	Bachelor's degree	None	None
19-1021	Biochemists and Biophysicists	120	150	30	24.4%	60	\$74,667	Doctoral or professional degr	None	None
19-1022	Microbiologists	30	40	0	16.1%	10	\$56,799	Bachelor's degree	None	None
19-1023	Zoologists and Wildlife Biologists	30	30	0	0.0%	10	\$38,528	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	40	40	0	-2.2%	10	\$67,666	Bachelor's degree	None	None
19-1031	Conservation Scientists	60	60	0	-3.1%	20	\$36,119	Bachelor's degree	None	None
19-1032	Foresters	30	30	0	11.1%	10	\$42,859	Bachelor's degree	None	None
19-1041	Epidemiologists	50	60	0	9.3%	20	\$51,289	Master's degree	None	None
19-1042	Medical Scientists, Except Epidemiologists	160	190	30	19.1%	60	\$50,608	Doctoral or professional degr	None	None
19-2012	Physicists	40	40	10	20.0%	20	\$139,738	Doctoral or professional degr	None	None
19-2021	Atmospheric and Space Scientists	220	230	0	2.2%	60	\$96,420	Bachelor's degree	None	None
19-2031	Chemists	140	150	10	4.2%	40	\$56,274	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	370	410	40	11.7%	150	\$52,722	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	1,140	1,400	270	23.4%	600	\$107,378	Bachelor's degree	None	None
19-3011	Economists	90	100	20	19.8%	40	\$55,954	Master's degree	None	None
19-3022	Survey Researchers	40	50	10	14.6%	10	\$28,224	Master's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	620	690	70	11.9%	240	\$51,951	Doctoral or professional degr	None	Internship/residency
19-3039	Psychologists, All Other	60	70	0	4.6%	20	N/A	Master's degree	None	Internship/residency
19-3051	Urban and Regional Planners	40	40	10	15.8%	20	\$71,925	Master's degree	None	None
19-3093	Historians	30	30	0	10.3%	10	N/A	Master's degree	None	None
19-4011	Agricultural and Food Science Technicians	70	80	10	8.7%	30	N/A	Associate's degree	None	Moderate-term on-the-job training
19-4021	Biological Technicians	840	1,000	160	19.4%	420	\$39,398	Bachelor's degree	None	None
19-4031	Chemical Technicians	70	80	10	20.0%	30	\$41,035	Associate's degree	None	Moderate-term on-the-job training
19-4041	Geological and Petroleum Technicians	370	450	80	21.6%	210	\$58,523	Associate's degree	None	Moderate-term on-the-job training
19-4091	Environmental Science and Protection Technicians, Including Health	110	140	30	27.7%	80	\$46,221	Associate's degree	None	None

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19-4092	Forensic Science Technicians	80	80	0	6.7%	30	\$64,377	Bachelor's degree	None	Moderate-term on-the-job training	
19-4099	Life, Physical, and Social Science Technicians, All Other	370	380	10	2.9%	160	\$45,739	Associate's degree	None	None	
21-1011	Substance Abuse and Behavioral Disorder Counselors	390	490	110	27.6%	190	\$38,473	High school diploma or equiv	None	Moderate-term on-the-job training	
21-1012	Educational, Guidance, School, and Vocational Counselors	960	1,100	140	14.5%	340	\$39,976	Master's degree	None	None	
21-1013	Marriage and Family Therapists	200	280	80	38.3%	120	\$35,722	Master's degree	None	Internship/residency	
21-1014	Mental Health Counselors	500	650	150	29.7%	260	\$43,489	Master's degree	None	Internship/residency	
21-1015	Rehabilitation Counselors	720	880	160	22.3%	320	\$30,876	Master's degree	None	None	
21-1021	Child, Family, and School Social Workers	2,010	2,110	100	5.0%	530	\$33,918	Bachelor's degree	None	None	
21-1022	Healthcare Social Workers	470	590	120	26.6%	220	\$44,335	Master's degree	None	None	
21-1023	Mental Health and Substance Abuse Social Workers	360	450	90	25.6%	170	\$29,056	Bachelor's degree	None	None	
21-1029	Social Workers, All Other	280	280	10	2.2%	60	\$37,526	Bachelor's degree	None	None	
21-1091	Health Educators	190	230	40	19.6%	90	\$47,423	Bachelor's degree	None	None	
21-1092	Probation Officers and Correctional Treatment Specialists	380	400	20	4.5%	120	\$36,765	Bachelor's degree	None	Short-term on-the-job training	
21-1093	Social and Human Service Assistants	920	1,080	160	17.3%	400	\$27,258	High school diploma or equiv	None	Short-term on-the-job training	
21-1094	Community Health Workers	230	280	50	20.5%	110	\$36,383	High school diploma or equiv	None	Short-term on-the-job training	
21-2011	Clergy	90	110	20	24.2%	40	\$44,115	Bachelor's degree	None	Moderate-term on-the-job training	
23-1011	Lawyers	4,530	5,190	650	14.4%	1,380	\$83,438	Doctoral or professional degr	None	None	
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	80	80	0	-3.6%	10	\$99,500	Doctoral or professional degr	Less than 5 years	Short-term on-the-job training	
23-2011	Paralegals and Legal Assistants	1,220	1,480	260	21.0%	460	\$37,809	Associate's degree	None	None	
23-2091	Court Reporters	140	160	20	15.2%	40	\$18,750	Postsecondary non-degree a	None	Short-term on-the-job training	
23-2093	Title Examiners, Abstractors, and Searchers	250	290	40	15.8%	80	\$41,426	High school diploma or equiv	None	Short-term on-the-job training	
23-2099	Legal Support Workers, All Other	280	300	20	6.3%	60	\$44,015	High school diploma or equiv	None	Short-term on-the-job training	
25-1011	Business Teachers, Postsecondary	400	480	80	19.4%	140	\$48,000	Doctoral or professional degr	None	None	
25-1021	Computer Science Teachers, Postsecondary	120	140	20	17.4%	40	\$65,325	Doctoral or professional degr	None	None	
25-1022	Mathematical Science Teachers, Postsecondary	170	200	30	16.3%	50	\$43,498	Doctoral or professional degr	None	None	
25-1032	Engineering Teachers, Postsecondary	50	60	10	17.6%	20	\$81,271	Doctoral or professional degr	None	None	
25-1041	Agricultural Sciences Teachers, Postsecondary	20	30	0	12.0%	10	\$74,307	Doctoral or professional degr	None	None	
25-1042	Biological Science Teachers, Postsecondary	130	170	30	23.9%	50	\$56,789	Doctoral or professional degr	None	None	
25-1052	Chemistry Teachers, Postsecondary	100	120	20	18.4%	30	\$51,617	Doctoral or professional degr	None	None	
25-1054	Physics Teachers, Postsecondary	50	60	10	19.2%	20	\$50,280	Doctoral or professional degr	None	None	
25-1063	Economics Teachers, Postsecondary	40	50	10	17.8%	20	\$71,942	Doctoral or professional degr	None	None	
25-1065	Political Science Teachers, Postsecondary	70	80	10	18.1%	20	\$47,301	Doctoral or professional degr	None	None	
25-1067	Sociology Teachers, Postsecondary	80	100	10	17.1%	30	N/A	Doctoral or professional degr	None	None	

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25-1071	Health Specialties Teachers, Postsecondary	1,120	1,580	460	41.5%	630	\$76,333	Doctoral or professional degree	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	540	760	220	41.0%	300	\$56,655	Master's degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	270	330	50	19.4%	90	\$47,152	Doctoral or professional degree	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	60	70	10	17.9%	20	\$52,685	Doctoral or professional degree	None	None
25-1112	Law Teachers, Postsecondary	60	70	10	23.6%	20	N/A	Doctoral or professional degree	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	430	520	90	20.6%	150	\$43,078	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	160	190	30	17.4%	50	\$42,319	Doctoral or professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	240	280	40	17.3%	80	\$43,035	Doctoral or professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	110	130	20	19.6%	40	\$37,102	Doctoral or professional degree	None	None
25-1125	History Teachers, Postsecondary	110	130	20	18.8%	40	\$43,851	Doctoral or professional degree	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	150	190	40	24.8%	60	\$43,778	Doctoral or professional degree	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	100	120	20	17.5%	30	\$34,458	Doctoral or professional degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	610	690	80	14.0%	180	\$51,897	Bachelor's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	680	800	120	17.6%	220	\$50,799	Doctoral or professional degree	None	None
25-2011	Preschool Teachers, Except Special Education	1,770	2,140	370	20.7%	860	\$22,722	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	400	460	70	16.7%	180	\$40,326	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	3,830	4,490	650	17.0%	1,500	\$40,997	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,310	2,700	390	17.0%	900	\$43,684	Bachelor's degree	None	Internship/residency
25-2023	Career/Technical Education Teachers, Middle School	90	100	10	10.2%	30	\$45,982	Bachelor's degree	Less than 5 years	Internship/residency
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	3,080	3,380	300	9.8%	1,140	\$42,878	Bachelor's degree	None	Internship/residency
25-2032	Career/Technical Education Teachers, Secondary School	260	290	20	9.4%	100	\$57,256	Bachelor's degree	Less than 5 years	Internship/residency
25-2052	Special Education Teachers, Kindergarten and Elementary School	450	500	40	9.8%	120	\$37,338	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	290	320	30	9.5%	80	\$38,390	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	360	390	30	8.7%	90	\$38,304	Bachelor's degree	None	Internship/residency
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	180	200	20	9.6%	50	\$62,836	Bachelor's degree	None	Internship/residency
25-3021	Self-Enrichment Education Teachers	810	950	150	18.2%	280	\$34,286	High school diploma or equivalent	Less than 5 years	None
25-3098	Substitute Teachers	2,590	2,870	280	11.0%	730	\$18,257	Bachelor's degree	None	Internship/residency
25-3099	Teachers and Instructors, All Other	750	810	60	8.4%	190	N/A	Bachelor's degree	None	Internship/residency
25-4011	Archivists	50	50	0	10.2%	20	\$44,127	Master's degree	None	None
25-4012	Curators	30	30	0	14.3%	10	\$39,011	Master's degree	None	None
25-4013	Museum Technicians and Conservators	60	70	10	11.5%	20	\$43,862	Bachelor's degree	None	None
25-4021	Librarians	600	690	90	14.5%	220	\$42,637	Master's degree	None	None
25-4031	Library Technicians	400	470	60	15.1%	280	\$22,416	Postsecondary non-degree award	None	None

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
25-9011	Audio-Visual and Multimedia Collections Specialists	100	100	0	3.0%	10	\$34,806	Bachelor's degree	Less than 5 years	None	
25-9021	Farm and Home Management Advisors	30	30	0	3.6%	0	N/A	Master's degree	None	None	
25-9031	Instructional Coordinators	520	600	80	15.0%	120	\$53,015	Master's degree	5 years or more	None	
25-9041	Teacher Assistants	2,090	2,340	250	12.0%	720	\$18,189	Some college, no degree	None	None	
25-9099	Education, Training, and Library Workers, All Other	70	60	-10	-9.7%	10	\$35,845	Bachelor's degree	None	None	
27-1011	Art Directors	70	70	0	2.9%	20	\$57,902	Bachelor's degree	5 years or more	None	
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	80	80	0	2.6%	20	\$49,467	High school diploma or equiv	None	Long-term on-the-job training	
27-1014	Multimedia Artists and Animators	90	90	10	6.8%	30	\$40,067	Bachelor's degree	None	Moderate-term on-the-job training	
27-1021	Commercial and Industrial Designers	110	120	10	5.5%	40	\$49,487	Bachelor's degree	None	None	
27-1023	Floral Designers	340	310	-30	-8.0%	90	\$23,923	High school diploma or equiv	None	Moderate-term on-the-job training	
27-1024	Graphic Designers	720	780	50	7.5%	240	\$38,343	Bachelor's degree	None	None	
27-1025	Interior Designers	110	120	20	13.6%	40	\$38,676	Bachelor's degree	None	None	
27-1026	Merchandise Displayers and Window Trimmers	120	130	10	10.3%	40	\$25,475	High school diploma or equiv	None	Moderate-term on-the-job training	
27-2012	Producers and Directors	250	260	10	2.8%	90	\$35,306	Bachelor's degree	Less than 5 years	None	
27-2022	Coaches and Scouts	920	1,080	160	17.7%	430	\$25,937	Bachelor's degree	None	None	
27-2041	Music Directors and Composers	140	140	0	2.2%	40	\$43,856	Bachelor's degree	Less than 5 years	None	
27-2042	Musicians and Singers	250	260	0	2.0%	70	N/A	High school diploma or equiv	None	Long-term on-the-job training	
27-3011	Radio and Television Announcers	180	180	0	-1.1%	40	\$18,930	Bachelor's degree	None	None	
27-3022	Reporters and Correspondents	270	230	-40	-13.8%	90	\$41,034	Bachelor's degree	None	None	
27-3031	Public Relations Specialists	690	780	90	12.9%	180	\$46,210	Bachelor's degree	None	None	
27-3041	Editors	320	300	-20	-6.9%	80	\$37,314	Bachelor's degree	Less than 5 years	None	
27-3042	Technical Writers	230	290	60	26.3%	130	\$61,559	Bachelor's degree	Less than 5 years	Short-term on-the-job training	
27-3043	Writers and Authors	220	230	10	3.7%	60	\$52,410	Bachelor's degree	None	Moderate-term on-the-job training	
27-3091	Interpreters and Translators	130	190	60	41.0%	70	\$31,642	Bachelor's degree	None	Short-term on-the-job training	
27-4011	Audio and Video Equipment Technicians	140	160	20	11.9%	40	\$28,319	Postsecondary non-degree a	None	Short-term on-the-job training	
27-4012	Broadcast Technicians	150	150	0	2.7%	30	\$23,684	Associate's degree	None	Short-term on-the-job training	
27-4021	Photographers	760	780	20	2.5%	100	\$35,251	High school diploma or equiv	None	Long-term on-the-job training	
27-4031	Camera Operators, Television, Video, and Motion Picture	160	170	10	6.1%	20	\$29,402	Bachelor's degree	None	None	
27-4099	Media and Communication Equipment Workers, All Other	30	30	0	-9.4%	0	N/A	High school diploma or equiv	None	Short-term on-the-job training	
29-1011	Chiropractors	60	70	10	12.5%	20	N/A	Doctoral or professional degr	None	None	
29-1021	Dentists, General	440	510	70	15.5%	180	\$124,404	Doctoral or professional degr	None	None	
29-1031	Dietitians and Nutritionists	310	380	70	21.6%	100	\$49,755	Bachelor's degree	None	Internship/residency	
29-1041	Optometrists	270	340	70	24.5%	140	\$133,823	Doctoral or professional degr	None	None	

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
29-1051	Pharmacists	1,380	1,570	190	13.9%	520	\$111,883	Doctoral or professional degree	None	None	
29-1061	Anesthesiologists	30	40	10	23.5%	20	\$190,728	Doctoral or professional degree	None	Internship/residency	
29-1062	Family and General Practitioners	600	680	90	14.6%	240	\$59,552	Doctoral or professional degree	None	Internship/residency	
29-1063	Internists, General	210	240	30	13.9%	80	\$190,666	Doctoral or professional degree	None	Internship/residency	
29-1064	Obstetricians and Gynecologists	40	40	0	11.1%	10	\$190,708	Doctoral or professional degree	None	Internship/residency	
29-1065	Pediatricians, General	60	70	10	15.9%	30	\$192,782	Doctoral or professional degree	None	Internship/residency	
29-1066	Psychiatrists	40	40	0	10.5%	10	\$101,106	Doctoral or professional degree	None	Internship/residency	
29-1067	Surgeons	310	380	70	23.9%	150	\$194,413	Doctoral or professional degree	None	Internship/residency	
29-1069	Physicians and Surgeons, All Other	3,180	3,720	540	17.0%	1,340	\$190,714	Doctoral or professional degree	None	Internship/residency	
29-1071	Physician Assistants	640	860	220	35.4%	340	\$90,532	Master's degree	None	None	
29-1122	Occupational Therapists	380	480	100	25.4%	150	\$79,016	Master's degree	None	None	
29-1123	Physical Therapists	800	1,080	280	34.9%	480	\$79,390	Doctoral or professional degree	None	None	
29-1124	Radiation Therapists	170	210	40	23.1%	70	\$78,201	Associate's degree	None	None	
29-1125	Recreational Therapists	90	100	10	10.6%	30	\$35,251	Bachelor's degree	None	None	
29-1126	Respiratory Therapists	500	600	100	19.7%	170	\$51,036	Associate's degree	None	None	
29-1127	Speech-Language Pathologists	450	540	90	20.3%	160	\$57,799	Master's degree	None	None	
29-1129	Therapists, All Other	30	40	10	28.1%	10	N/A	Bachelor's degree	None	None	
29-1131	Veterinarians	250	290	40	17.0%	120	\$89,240	Doctoral or professional degree	None	None	
29-1141	Registered Nurses	10,260	12,150	1,890	18.4%	3,880	\$58,597	Associate's degree	None	None	
29-1151	Nurse Anesthetists	40	50	10	14.0%	10	\$153,545	Master's degree	None	None	
29-1171	Nurse Practitioners	330	420	90	28.5%	160	\$85,616	Master's degree	None	None	
29-1181	Audiologists	60	90	30	42.2%	40	\$88,027	Doctoral or professional degree	None	None	
29-1199	Health Diagnosing and Treating Practitioners, All Other	180	180	0	0.0%	40	\$59,665	Master's degree	None	None	
29-2011	Medical and Clinical Laboratory Technologists	850	970	120	14.1%	340	\$54,854	Bachelor's degree	None	None	
29-2012	Medical and Clinical Laboratory Technicians	500	640	140	28.6%	270	\$31,595	Associate's degree	None	None	
29-2021	Dental Hygienists	980	1,310	330	33.3%	580	\$45,962	Associate's degree	None	None	
29-2031	Cardiovascular Technologists and Technicians	300	390	90	30.3%	130	\$35,308	Associate's degree	None	None	
29-2032	Diagnostic Medical Sonographers	390	570	180	45.6%	230	\$67,341	Associate's degree	None	None	
29-2033	Nuclear Medicine Technologists	110	130	20	20.6%	40	\$69,060	Associate's degree	None	None	
29-2034	Radiologic Technologists	830	990	160	19.7%	280	\$52,434	Associate's degree	None	None	
29-2035	Magnetic Resonance Imaging Technologists	100	120	20	24.0%	40	\$61,695	Associate's degree	Less than 5 years	None	
29-2041	Emergency Medical Technicians and Paramedics	750	980	230	31.1%	440	\$32,084	Postsecondary non-degree award	None	None	
29-2051	Dietetic Technicians	170	200	30	18.1%	50	\$19,365	Associate's degree	None	None	

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
29-2052	Pharmacy Technicians	1,700	2,010	310	18.2%	480	\$29,854	High school diploma or equiv	None	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	480	510	20	4.8%	70	\$29,239	Postsecondary non-degree a	None	Short-term on-the-job training
29-2054	Respiratory Therapy Technicians	40	50	10	20.0%	10	N/A	Associate's degree	None	Moderate-term on-the-job training
29-2055	Surgical Technologists	690	900	210	29.7%	280	\$39,142	Postsecondary non-degree a	None	None
29-2056	Veterinary Technologists and Technicians	170	230	60	32.7%	70	\$32,618	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	250	320	70	29.6%	100	\$34,946	Postsecondary non-degree a	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	4,140	5,050	910	22.0%	1,920	\$38,552	Postsecondary non-degree a	None	None
29-2071	Medical Records and Health Information Technicians	1,140	1,390	250	22.3%	560	\$30,854	Postsecondary non-degree a	None	None
29-2081	Opticians, Dispensing	430	540	110	25.9%	240	\$28,090	High school diploma or equiv	None	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	60	80	20	29.3%	20	\$55,870	Master's degree	None	Internship/residency
29-2099	Health Technologists and Technicians, All Other	240	290	50	22.4%	80	\$45,850	High school diploma or equiv	None	None
29-9011	Occupational Health and Safety Specialists	330	360	30	8.2%	120	\$63,134	Bachelor's degree	None	Short-term on-the-job training
29-9091	Athletic Trainers	90	100	20	18.0%	40	\$33,200	Bachelor's degree	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	200	220	20	8.9%	70	\$28,273	Bachelor's degree	None	None
31-1011	Home Health Aides	1,530	2,120	590	38.7%	880	\$21,753	Less than high school	None	Short-term on-the-job training
31-1014	Nursing Assistants	5,480	6,640	1,160	21.3%	2,210	\$22,482	Postsecondary non-degree a	None	None
31-1015	Orderlies	850	1,000	140	17.0%	310	\$22,339	High school diploma or equiv	None	Short-term on-the-job training
31-2011	Occupational Therapy Assistants	200	290	80	41.6%	140	\$55,284	Associate's degree	None	None
31-2021	Physical Therapist Assistants	430	610	180	40.6%	270	\$52,065	Associate's degree	None	None
31-2022	Physical Therapist Aides	340	480	140	41.1%	220	\$21,733	High school diploma or equiv	None	Short-term on-the-job training
31-9011	Massage Therapists	90	100	10	13.2%	20	\$35,185	Postsecondary non-degree a	None	None
31-9091	Dental Assistants	1,380	1,710	330	24.1%	620	\$29,880	Postsecondary non-degree a	None	None
31-9092	Medical Assistants	3,470	4,340	870	25.1%	1,530	\$27,090	Postsecondary non-degree a	None	None
31-9093	Medical Equipment Preparers	130	150	30	21.4%	50	\$31,918	High school diploma or equiv	None	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	280	300	20	5.3%	70	\$34,859	Postsecondary non-degree a	None	None
31-9095	Pharmacy Aides	200	230	20	11.8%	60	\$24,180	High school diploma or equiv	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,080	1,260	190	17.3%	390	\$18,824	High school diploma or equiv	None	Short-term on-the-job training
31-9097	Phlebotomists	310	400	80	26.2%	140	\$30,657	Postsecondary non-degree a	None	None
31-9099	Healthcare Support Workers, All Other	90	90	0	-4.3%	20	\$39,177	High school diploma or equiv	None	None
33-1011	First-Line Supervisors of Correctional Officers	460	490	30	6.8%	190	\$44,287	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
33-1012	First-Line Supervisors of Police and Detectives	330	370	40	11.4%	140	\$67,679	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	220	250	30	14.7%	120	\$58,991	Postsecondary non-degree a	Less than 5 years	Moderate-term on-the-job training
33-1099	First-Line Supervisors of Protective Service Workers, All Other	200	210	20	7.7%	60	\$46,628	High school diploma or equiv	Less than 5 years	None

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
33-2011	Firefighters	740	840	100	13.4%	300	\$45,003	Postsecondary non-degree a	None	Long-term on-the-job training	
33-2021	Fire Inspectors and Investigators	70	70	10	10.6%	30	\$59,228	High school diploma or equiv	5 years or more	Moderate-term on-the-job training	
33-2022	Forest Fire Inspectors and Prevention Specialists	90	90	0	-1.1%	30	N/A	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training	
33-3011	Bailiffs	30	40	0	12.5%	10	\$39,398	High school diploma or equiv	None	Moderate-term on-the-job training	
33-3012	Correctional Officers and Jailers	2,180	2,300	120	5.3%	700	\$32,259	High school diploma or equiv	None	Moderate-term on-the-job training	
33-3021	Detectives and Criminal Investigators	670	690	20	3.3%	170	\$54,120	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training	
33-3031	Fish and Game Wardens	50	50	0	2.0%	20	N/A	High school diploma or equiv	None	Short-term on-the-job training	
33-3051	Police and Sheriff's Patrol Officers	1,810	2,010	200	11.1%	770	\$49,713	High school diploma or equiv	None	Moderate-term on-the-job training	
33-9011	Animal Control Workers	40	50	10	18.2%	20	\$33,893	High school diploma or equiv	None	Moderate-term on-the-job training	
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	70	10	9.7%	20	\$25,121	High school diploma or equiv	None	Short-term on-the-job training	
33-9032	Security Guards	3,480	3,890	410	11.7%	940	\$23,812	High school diploma or equiv	None	Short-term on-the-job training	
33-9091	Crossing Guards	110	120	10	9.2%	30	\$17,947	High school diploma or equiv	None	Short-term on-the-job training	
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	310	360	50	15.5%	260	\$18,483	High school diploma or equiv	None	Short-term on-the-job training	
33-9093	Transportation Security Screeners	200	200	0	2.6%	50	\$34,642	High school diploma or equiv	None	Short-term on-the-job training	
33-9099	Protective Service Workers, All Other	160	180	20	9.9%	130	\$31,539	High school diploma or equiv	None	Short-term on-the-job training	
35-1011	Chefs and Head Cooks	580	640	70	11.4%	160	\$37,988	High school diploma or equiv	5 years or more	None	
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3,690	4,470	780	21.1%	1,820	\$23,373	High school diploma or equiv	Less than 5 years	None	
35-2011	Cooks, Fast Food	2,590	2,820	220	8.6%	730	\$17,802	Less than high school	None	Short-term on-the-job training	
35-2012	Cooks, Institution and Cafeteria	2,310	2,690	380	16.5%	840	\$19,642	Less than high school	None	Short-term on-the-job training	
35-2014	Cooks, Restaurant	4,190	5,240	1,050	25.0%	1,880	\$21,440	Less than high school	Less than 5 years	Moderate-term on-the-job training	
35-2015	Cooks, Short Order	830	900	70	8.8%	240	\$18,995	Less than high school	None	Short-term on-the-job training	
35-2019	Cooks, All Other	40	60	10	25.0%	20	N/A	Less than high school	None	Moderate-term on-the-job training	
35-2021	Food Preparation Workers	3,310	3,680	380	11.4%	1,320	\$18,728	Less than high school	None	Short-term on-the-job training	
35-3011	Bartenders	2,080	2,490	410	19.9%	1,180	\$18,649	Less than high school	None	Short-term on-the-job training	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,930	13,680	2,750	25.2%	6,920	\$17,707	Less than high school	None	Short-term on-the-job training	
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,750	1,820	80	4.3%	1,140	\$17,783	Less than high school	None	Short-term on-the-job training	
35-3031	Waiters and Waitresses	12,900	14,830	1,940	15.0%	8,140	\$18,733	Less than high school	None	Short-term on-the-job training	
35-3041	Food Servers, Nonrestaurant	780	950	160	21.1%	390	\$20,483	Less than high school	None	Short-term on-the-job training	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,400	1,640	230	16.5%	850	\$18,253	Less than high school	None	Short-term on-the-job training	
35-9021	Dishwashers	2,070	2,380	310	14.8%	1,220	\$18,501	Less than high school	None	Short-term on-the-job training	
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,490	1,720	230	15.3%	1,350	\$18,017	Less than high school	None	None	
35-9099	Food Preparation and Serving Related Workers, All Other	30	30	0	11.1%	20	\$17,557	Less than high school	None	Short-term on-the-job training	
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	950	1,080	130	14.0%	360	\$30,961	High school diploma or equiv	Less than 5 years	None	

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	800	900	100	12.0%	190	\$33,905	High school diploma or equiv	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	7,100	8,010	910	12.8%	2,240	\$20,667	Less than high school	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	3,010	3,540	530	17.8%	1,130	\$18,375	Less than high school	None	Short-term on-the-job training
37-2021	Pest Control Workers	250	290	40	16.9%	110	\$29,644	High school diploma or equiv	None	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	3,730	4,160	430	11.6%	1,370	\$23,763	Less than high school	None	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	220	250	30	12.0%	80	\$26,924	High school diploma or equiv	None	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	1,010	1,200	190	18.9%	450	\$32,178	High school diploma or equiv	None	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	30	30	0	3.8%	10	\$44,890	Less than high school	None	Short-term on-the-job training
39-1011	Gaming Supervisors	30	30	0	10.7%	10	N/A	High school diploma or equiv	Less than 5 years	None
39-1021	First-Line Supervisors of Personal Service Workers	570	630	60	10.9%	170	\$29,586	High school diploma or equiv	Less than 5 years	None
39-2011	Animal Trainers	560	630	60	11.5%	310	\$27,096	High school diploma or equiv	None	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	610	700	90	14.9%	160	\$18,349	Less than high school	None	Short-term on-the-job training
39-3011	Gaming Dealers	210	240	30	13.9%	60	\$18,522	High school diploma or equiv	None	Short-term on-the-job training
39-3012	Gaming and Sports Book Writers and Runners	120	140	20	17.2%	40	\$18,010	High school diploma or equiv	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	420	400	-20	-3.6%	220	\$17,551	Less than high school	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	410	460	40	10.7%	250	\$18,337	Less than high school	None	Short-term on-the-job training
39-4011	Embalmers	60	50	-20	-23.1%	10	N/A	Postsecondary non-degree a	None	Short-term on-the-job training
39-4021	Funeral Attendants	90	80	-10	-9.1%	20	\$23,654	High school diploma or equiv	None	Short-term on-the-job training
39-4031	Morticians, Undertakers, and Funeral Directors	70	70	0	2.9%	20	\$48,113	Associate's degree	None	Long-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,760	1,880	130	7.2%	540	\$20,726	Postsecondary non-degree a	None	None
39-5094	Skincare Specialists	80	100	20	31.6%	30	\$19,001	Postsecondary non-degree a	None	None
39-6011	Baggage Porters and Bellhops	120	150	30	20.8%	60	\$19,327	High school diploma or equiv	None	Short-term on-the-job training
39-6012	Concierges	120	150	30	26.1%	60	\$23,533	High school diploma or equiv	None	Moderate-term on-the-job training
39-7011	Tour Guides and Escorts	40	50	0	6.7%	20	\$23,485	High school diploma or equiv	None	Moderate-term on-the-job training
39-9011	Childcare Workers	3,340	4,020	680	20.4%	1,660	\$18,480	High school diploma or equiv	None	Short-term on-the-job training
39-9021	Personal Care Aides	3,870	6,000	2,130	55.0%	2,410	\$18,714	Less than high school	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	840	940	100	11.6%	200	\$31,519	High school diploma or equiv	None	Short-term on-the-job training
39-9032	Recreation Workers	920	1,060	140	14.6%	240	\$23,086	Bachelor's degree	None	None
39-9041	Residential Advisors	160	200	40	21.5%	100	\$19,036	High school diploma or equiv	None	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	160	170	10	8.2%	60	\$21,176	High school diploma or equiv	None	Short-term on-the-job training
41-1011	First-Line Supervisors of Retail Sales Workers	7,570	7,940	370	4.9%	2,020	\$33,565	High school diploma or equiv	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	2,090	2,090	0	0.0%	270	\$48,334	High school diploma or equiv	Less than 5 years	None
41-2011	Cashiers	12,260	12,780	520	4.2%	5,820	\$18,510	Less than high school	None	Short-term on-the-job training

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
41-2012	Gaming Change Persons and Booth Cashiers	80	90	0	2.4%	40	\$18,246	High school diploma or equiv	None	Short-term on-the-job training	
41-2021	Counter and Rental Clerks	1,540	1,660	120	8.0%	520	\$22,137	Less than high school	None	Short-term on-the-job training	
41-2022	Parts Salespersons	950	1,030	80	9.0%	320	\$30,122	Less than high school	None	Moderate-term on-the-job training	
41-2031	Retail Salespersons	18,010	19,960	1,950	10.8%	8,110	\$20,834	Less than high school	None	Short-term on-the-job training	
41-3011	Advertising Sales Agents	430	430	0	0.2%	130	\$37,084	High school diploma or equiv	None	Moderate-term on-the-job training	
41-3021	Insurance Sales Agents	2,090	2,320	230	10.9%	720	\$41,938	High school diploma or equiv	None	Moderate-term on-the-job training	
41-3031	Securities, Commodities, and Financial Services Sales Agents	590	660	70	12.6%	210	\$49,033	Bachelor's degree	None	Moderate-term on-the-job training	
41-3041	Travel Agents	120	100	-10	-12.2%	20	\$24,580	High school diploma or equiv	None	Moderate-term on-the-job training	
41-3099	Sales Representatives, Services, All Other	2,490	2,800	310	12.3%	990	\$41,787	High school diploma or equiv	None	Short-term on-the-job training	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Prod	2,560	2,920	360	14.2%	860	\$53,976	Bachelor's degree	None	Moderate-term on-the-job training	
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scienti	6,140	6,970	820	13.4%	2,020	\$47,257	High school diploma or equiv	None	Moderate-term on-the-job training	
41-9011	Demonstrators and Product Promoters	370	460	90	24.2%	200	\$23,364	High school diploma or equiv	None	Short-term on-the-job training	
41-9021	Real Estate Brokers	560	610	50	8.9%	100	\$23,004	High school diploma or equiv	Less than 5 years	None	
41-9022	Real Estate Sales Agents	1,830	1,990	160	8.9%	340	\$41,706	High school diploma or equiv	None	Long-term on-the-job training	
41-9031	Sales Engineers	90	90	10	8.0%	20	\$86,987	Bachelor's degree	None	Moderate-term on-the-job training	
41-9041	Telemarketers	2,030	2,100	70	3.6%	490	\$19,101	Less than high school	None	Short-term on-the-job training	
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	410	340	-70	-16.1%	40	N/A	High school diploma or equiv	None	Short-term on-the-job training	
41-9099	Sales and Related Workers, All Other	490	570	80	15.5%	170	\$20,911	High school diploma or equiv	None	None	
43-1011	First-Line Supervisors of Office and Administrative Support Workers	7,480	8,530	1,050	14.0%	2,820	\$48,239	High school diploma or equiv	Less than 5 years	None	
43-2011	Switchboard Operators, Including Answering Service	400	340	-60	-14.6%	70	\$30,754	High school diploma or equiv	None	Short-term on-the-job training	
43-3011	Bill and Account Collectors	1,700	2,000	300	17.6%	780	\$31,059	High school diploma or equiv	None	Moderate-term on-the-job training	
43-3021	Billing and Posting Clerks	1,940	2,330	380	19.8%	740	\$32,603	High school diploma or equiv	None	Short-term on-the-job training	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,710	12,300	1,600	14.9%	2,580	\$33,334	High school diploma or equiv	None	Moderate-term on-the-job training	
43-3041	Gaming Cage Workers	150	170	20	10.5%	50	\$21,244	High school diploma or equiv	None	Short-term on-the-job training	
43-3051	Payroll and Timekeeping Clerks	770	890	120	16.1%	290	\$36,446	High school diploma or equiv	None	Moderate-term on-the-job training	
43-3061	Procurement Clerks	350	310	-30	-9.8%	130	\$40,676	High school diploma or equiv	None	Moderate-term on-the-job training	
43-3071	Tellers	2,340	2,410	70	2.9%	1,160	\$23,192	High school diploma or equiv	None	Short-term on-the-job training	
43-3099	Financial Clerks, All Other	40	40	10	18.4%	20	\$31,953	High school diploma or equiv	None	Short-term on-the-job training	
43-4011	Brokerage Clerks	160	180	10	8.0%	60	\$42,969	High school diploma or equiv	None	Moderate-term on-the-job training	
43-4021	Correspondence Clerks	60	60	0	7.3%	20	\$37,179	High school diploma or equiv	None	Short-term on-the-job training	
43-4031	Court, Municipal, and License Clerks	580	700	120	20.7%	210	\$33,027	High school diploma or equiv	None	Moderate-term on-the-job training	
43-4041	Credit Authorizers, Checkers, and Clerks	70	70	0	-4.3%	10	\$38,098	High school diploma or equiv	None	Short-term on-the-job training	
43-4051	Customer Service Representatives	10,700	12,340	1,640	15.3%	4,550	\$29,030	High school diploma or equiv	None	Short-term on-the-job training	

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
43-4061	Eligibility Interviewers, Government Programs	220	260	30	14.3%	80	\$38,420	High school diploma or equiv	None	Moderate-term on-the-job training
43-4071	File Clerks	850	810	-40	-5.1%	190	\$24,198	High school diploma or equiv	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	830	1,030	200	24.1%	590	\$19,088	High school diploma or equiv	None	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	710	800	90	12.6%	220	\$31,022	High school diploma or equiv	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	500	600	110	21.3%	320	\$19,857	High school diploma or equiv	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	550	600	50	9.5%	90	\$33,491	High school diploma or equiv	None	Short-term on-the-job training
43-4141	New Accounts Clerks	190	180	-10	-4.3%	50	\$31,402	High school diploma or equiv	None	Moderate-term on-the-job training
43-4151	Order Clerks	660	660	-10	-1.1%	180	\$25,395	High school diploma or equiv	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	670	670	0	0.4%	170	\$35,801	High school diploma or equiv	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	3,480	3,940	460	13.2%	1,400	\$25,965	High school diploma or equiv	None	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	780	680	-100	-12.6%	100	\$25,493	High school diploma or equiv	None	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	530	420	-110	-20.3%	120	\$40,483	High school diploma or equiv	None	Short-term on-the-job training
43-5011	Cargo and Freight Agents	280	340	60	20.4%	130	\$39,585	High school diploma or equiv	None	Short-term on-the-job training
43-5021	Couriers and Messengers	420	390	-30	-7.9%	50	\$29,420	High school diploma or equiv	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	260	300	40	14.1%	110	\$35,165	High school diploma or equiv	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	630	730	100	15.7%	280	\$34,398	High school diploma or equiv	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	190	170	-20	-10.1%	50	\$30,005	High school diploma or equiv	None	Short-term on-the-job training
43-5051	Postal Service Clerks	180	120	-60	-33.3%	30	\$55,585	High school diploma or equiv	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,080	760	-310	-28.9%	370	\$57,202	High school diploma or equiv	None	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	530	360	-170	-31.6%	40	\$54,522	High school diploma or equiv	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	2,040	2,070	20	1.0%	530	\$45,995	High school diploma or equiv	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,750	2,830	80	3.1%	810	\$29,881	High school diploma or equiv	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	7,540	7,540	-10	-0.1%	2,280	\$23,095	Less than high school	None	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	12.7%	60	\$31,143	High school diploma or equiv	None	Short-term on-the-job training
43-6011	Executive Secretaries and Executive Administrative Assistants	3,910	3,930	20	0.5%	490	\$41,661	High school diploma or equiv	Less than 5 years	None
43-6012	Legal Secretaries	1,260	1,290	30	2.3%	180	\$35,824	High school diploma or equiv	None	Moderate-term on-the-job training
43-6013	Medical Secretaries	2,140	2,890	760	35.4%	1,010	\$28,975	High school diploma or equiv	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	8,220	9,320	1,100	13.4%	2,090	\$29,891	High school diploma or equiv	None	Short-term on-the-job training
43-9011	Computer Operators	340	280	-60	-16.6%	30	\$38,558	High school diploma or equiv	None	Moderate-term on-the-job training
43-9021	Data Entry Keyers	910	700	-210	-22.8%	110	\$24,230	High school diploma or equiv	None	Moderate-term on-the-job training
43-9022	Word Processors and Typists	130	90	-40	-27.1%	0	\$31,255	High school diploma or equiv	None	Short-term on-the-job training
43-9031	Desktop Publishers	40	40	0	-11.4%	10	\$36,886	Associate's degree	None	Short-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	1,320	1,450	120	9.2%	470	\$34,539	High school diploma or equiv	None	Moderate-term on-the-job training

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	540	520	-30	-5.3%	120	\$30,720	High school diploma or equiv	None	Short-term on-the-job training	
43-9061	Office Clerks, General	13,980	14,900	920	6.6%	3,860	\$26,814	High school diploma or equiv	None	Short-term on-the-job training	
43-9071	Office Machine Operators, Except Computer	250	220	-20	-9.3%	60	\$25,971	High school diploma or equiv	None	Short-term on-the-job training	
43-9199	Office and Administrative Support Workers, All Other	350	350	0	-1.4%	100	\$41,807	High school diploma or equiv	None	Short-term on-the-job training	
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	60	60	0	-1.6%	10	\$43,763	High school diploma or equiv	Less than 5 years	None	
45-2021	Animal Breeders	40	30	-10	-24.4%	10	N/A	High school diploma or equiv	Less than 5 years	Short-term on-the-job training	
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	340	320	-20	-4.7%	100	\$24,271	Less than high school	None	Short-term on-the-job training	
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	150	170	20	13.6%	60	\$18,988	Less than high school	None	Short-term on-the-job training	
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	3,210	3,790	580	18.2%	930	\$58,911	High school diploma or equiv	5 years or more	None	
47-2021	Brickmasons and Blockmasons	340	440	90	27.6%	130	\$38,855	High school diploma or equiv	None	Apprenticeship	
47-2022	Stonemasons	70	90	20	22.9%	20	\$40,547	High school diploma or equiv	None	Apprenticeship	
47-2031	Carpenters	3,950	4,600	640	16.3%	1,130	\$35,260	High school diploma or equiv	None	Apprenticeship	
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	30	30	0	10.0%	10	\$37,653	High school diploma or equiv	None	Moderate-term on-the-job training	
47-2044	Tile and Marble Setters	170	190	20	9.2%	50	\$31,424	Less than high school	None	Long-term on-the-job training	
47-2051	Cement Masons and Concrete Finishers	1,090	1,340	250	22.9%	370	\$32,729	Less than high school	None	Moderate-term on-the-job training	
47-2061	Construction Laborers	3,830	4,510	680	17.8%	1,500	\$28,631	Less than high school	None	Short-term on-the-job training	
47-2071	Paving, Surfacing, and Tamping Equipment Operators	670	620	-50	-7.5%	100	\$40,846	High school diploma or equiv	None	Moderate-term on-the-job training	
47-2073	Operating Engineers and Other Construction Equipment Operators	1,240	1,410	170	13.7%	450	\$36,168	High school diploma or equiv	None	Moderate-term on-the-job training	
47-2081	Drywall and Ceiling Tile Installers	300	320	20	8.5%	50	\$35,421	Less than high school	None	Moderate-term on-the-job training	
47-2111	Electricians	2,790	3,190	400	14.3%	920	\$49,203	High school diploma or equiv	None	Apprenticeship	
47-2121	Glaziers	60	70	10	10.9%	20	N/A	High school diploma or equiv	None	Apprenticeship	
47-2131	Insulation Workers, Floor, Ceiling, and Wall	220	260	40	17.4%	70	\$29,113	Less than high school	None	Short-term on-the-job training	
47-2132	Insulation Workers, Mechanical	90	130	30	36.2%	50	\$61,041	High school diploma or equiv	None	Apprenticeship	
47-2141	Painters, Construction and Maintenance	1,800	1,970	170	9.4%	440	\$38,989	Less than high school	None	Moderate-term on-the-job training	
47-2151	Pipelayers	260	310	50	18.6%	80	\$30,022	Less than high school	None	Short-term on-the-job training	
47-2152	Plumbers, Pipefitters, and Steamfitters	1,830	2,120	290	16.0%	520	\$45,755	High school diploma or equiv	None	Apprenticeship	
47-2171	Reinforcing Iron and Rebar Workers	80	90	10	13.9%	20	\$33,164	High school diploma or equiv	None	Apprenticeship	
47-2181	Roofers	700	730	30	4.7%	180	\$29,985	Less than high school	None	Moderate-term on-the-job training	
47-2211	Sheet Metal Workers	2,360	2,220	-140	-6.1%	440	\$51,376	High school diploma or equiv	None	Apprenticeship	
47-2221	Structural Iron and Steel Workers	180	200	20	14.0%	80	\$27,450	High school diploma or equiv	None	Apprenticeship	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	140	180	40	32.6%	60	N/A	Less than high school	None	Short-term on-the-job training	
47-3012	Helpers--Carpenters	420	490	80	18.5%	140	\$22,504	Less than high school	None	Short-term on-the-job training	
47-3013	Helpers--Electricians	430	550	120	28.3%	190	\$30,654	High school diploma or equiv	None	Short-term on-the-job training	

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Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	150	170	30	17.6%	50	\$27,222	High school diploma or equiv	None	Short-term on-the-job training
47-3016	Helpers--Roofers	50	50	0	8.5%	10	\$27,836	Less than high school	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	190	220	30	14.6%	70	\$40,947	High school diploma or equiv	5 years or more	Moderate-term on-the-job training
47-4031	Fence Erectors	30	40	10	23.5%	20	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	220	260	40	18.3%	90	\$34,217	High school diploma or equiv	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	350	410	60	16.5%	110	\$31,100	High school diploma or equiv	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	80	100	20	17.6%	30	\$31,067	Less than high school	None	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	920	1,190	270	28.8%	640	\$48,870	Less than high school	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	990	1,270	280	28.5%	680	\$60,205	Less than high school	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	570	750	180	31.4%	410	\$43,344	Less than high school	None	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	260	310	50	19.2%	120	\$37,358	High school diploma or equiv	None	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	60	80	10	23.0%	30	\$53,712	High school diploma or equiv	Less than 5 years	Long-term on-the-job training
47-5051	Rock Splitters, Quarry	50	60	10	21.3%	20	N/A	High school diploma or equiv	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	980	1,250	270	27.5%	530	\$41,944	Less than high school	None	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	600	750	150	24.9%	310	\$30,838	High school diploma or equiv	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,740	1,820	80	4.5%	550	\$64,768	High school diploma or equiv	Less than 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	550	550	10	1.3%	120	\$35,160	Some college, no degree	None	None
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	30	30	0	6.7%	10	\$44,488	Associate's degree	None	Moderate-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	290	300	10	2.8%	50	\$40,049	Postsecondary non-degree a	None	Moderate-term on-the-job training
49-2091	Avionics Technicians	320	290	-30	-10.3%	60	\$53,314	Associate's degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	620	580	-40	-7.2%	130	\$55,676	Postsecondary non-degree a	None	Long-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	50	10	13.6%	20	\$65,891	Postsecondary non-degree a	None	Long-term on-the-job training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	130	120	-10	-6.9%	10	N/A	Postsecondary non-degree a	None	Short-term on-the-job training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	140	120	-20	-12.2%	50	\$27,175	Postsecondary non-degree a	None	None
49-2098	Security and Fire Alarm Systems Installers	160	180	20	11.3%	50	\$36,429	High school diploma or equiv	None	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	2,070	1,850	-220	-10.5%	550	\$52,776	Postsecondary non-degree a	None	None
49-3021	Automotive Body and Related Repairers	730	770	50	6.3%	180	\$37,794	High school diploma or equiv	None	Moderate-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	110	110	0	4.7%	30	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	2,840	2,990	150	5.3%	870	\$38,376	High school diploma or equiv	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,250	1,380	140	10.8%	400	\$38,634	High school diploma or equiv	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	500	560	60	12.1%	200	\$43,507	High school diploma or equiv	None	Long-term on-the-job training
49-3052	Motorcycle Mechanics	70	80	0	7.1%	20	\$31,427	High school diploma or equiv	None	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	70	10	9.4%	20	\$32,490	High school diploma or equiv	None	Moderate-term on-the-job training

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
49-3093	Tire Repairers and Changers	260	280	20	8.8%	110	\$23,954	High school diploma or equivalent	None	Short-term on-the-job training	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	400	350	-50	-11.8%	140	\$52,663	High school diploma or equivalent	None	Moderate-term on-the-job training	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	990	1,140	150	15.3%	400	\$42,986	Postsecondary non-degree award	None	Long-term on-the-job training	
49-9031	Home Appliance Repairers	160	170	0	0.6%	50	\$19,306	High school diploma or equivalent	None	Moderate-term on-the-job training	
49-9041	Industrial Machinery Mechanics	1,300	1,620	320	24.8%	700	\$47,265	High school diploma or equivalent	None	Long-term on-the-job training	
49-9043	Maintenance Workers, Machinery	480	590	110	22.3%	170	\$37,481	High school diploma or equivalent	None	Moderate-term on-the-job training	
49-9051	Electrical Power-Line Installers and Repairers	420	490	80	18.1%	220	\$57,878	High school diploma or equivalent	None	Long-term on-the-job training	
49-9052	Telecommunications Line Installers and Repairers	370	430	50	14.2%	140	\$67,461	High school diploma or equivalent	None	Long-term on-the-job training	
49-9062	Medical Equipment Repairers	110	140	30	30.9%	60	\$32,053	Associate's degree	None	Moderate-term on-the-job training	
49-9069	Precision Instrument and Equipment Repairers, All Other	250	230	-20	-9.9%	70	\$51,356	High school diploma or equivalent	None	Long-term on-the-job training	
49-9071	Maintenance and Repair Workers, General	4,380	4,900	510	11.7%	1,350	\$32,690	High school diploma or equivalent	None	Long-term on-the-job training	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	140	140	0	0.0%	10	\$25,917	High school diploma or equivalent	None	Short-term on-the-job training	
49-9094	Locksmiths and Safe Repairers	200	220	10	5.9%	80	\$32,945	High school diploma or equivalent	None	Long-term on-the-job training	
49-9096	Riggers	40	60	10	22.2%	20	\$52,778	High school diploma or equivalent	None	Short-term on-the-job training	
49-9098	Helpers--Installation, Maintenance, and Repair Workers	750	840	80	11.3%	310	\$23,978	High school diploma or equivalent	None	Moderate-term on-the-job training	
49-9099	Installation, Maintenance, and Repair Workers, All Other	560	600	30	6.0%	130	\$39,291	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-1011	First-Line Supervisors of Production and Operating Workers	2,040	2,060	20	0.7%	300	\$54,821	Postsecondary non-degree award	Less than 5 years	None	
51-2021	Coil Winders, Tapers, and Finishers	90	90	0	-5.4%	10	\$28,290	High school diploma or equivalent	None	Short-term on-the-job training	
51-2022	Electrical and Electronic Equipment Assemblers	660	600	-60	-9.2%	80	\$28,383	High school diploma or equivalent	None	Short-term on-the-job training	
51-2023	Electromechanical Equipment Assemblers	150	140	-10	-4.7%	20	\$24,409	High school diploma or equivalent	None	Short-term on-the-job training	
51-2031	Engine and Other Machine Assemblers	60	70	0	3.1%	10	\$36,381	High school diploma or equivalent	None	Short-term on-the-job training	
51-2041	Structural Metal Fabricators and Fitters	370	400	30	8.4%	180	\$32,370	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-2091	Fiberglass Laminators and Fabricators	80	70	0	-2.6%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-2092	Team Assemblers	3,500	3,730	230	6.5%	780	\$25,691	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-2093	Timing Device Assemblers and Adjusters	30	30	0	-3.2%	0	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-2099	Assemblers and Fabricators, All Other	1,020	1,210	190	19.0%	350	\$25,940	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-3011	Bakers	490	540	50	10.9%	170	\$22,680	Less than high school	None	Long-term on-the-job training	
51-3021	Butchers and Meat Cutters	520	550	30	6.2%	160	\$27,972	Less than high school	None	Long-term on-the-job training	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	150	160	10	4.0%	40	\$23,614	Less than high school	None	Short-term on-the-job training	
51-3023	Slaughterers and Meat Packers	210	250	40	17.5%	90	\$22,205	Less than high school	None	Short-term on-the-job training	
51-3092	Food Batchmakers	240	240	-10	-2.5%	80	\$28,181	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-3093	Food Cooking Machine Operators and Tenders	160	180	20	13.3%	60	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	620	720	100	16.1%	270	\$34,722	High school diploma or equivalent	None	Moderate-term on-the-job training	

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in	
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education	a Related Occupation	On-the-job Training
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	60	70	20	28.1%	30	\$50,376	High school diploma or equiv	None	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-16.3%	10	\$43,887	High school diploma or equiv	None	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	110	120	0	3.6%	20	\$25,107	High school diploma or equiv	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	670	620	-40	-6.8%	60	\$27,734	High school diploma or equiv	None	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	70	-20	-22.0%	20	\$31,150	High school diploma or equiv	None	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	160	140	-20	-11.9%	40	\$24,640	High school diploma or equiv	None	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	340	300	-40	-13.2%	70	\$29,425	High school diploma or equiv	None	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	-10	-11.3%	10	\$26,802	High school diploma or equiv	None	Moderate-term on-the-job training
51-4041	Machinists	2,160	2,390	240	11.0%	730	\$37,773	High school diploma or equiv	None	Long-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	60	60	0	6.9%	20	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	300	240	-50	-17.3%	40	\$24,909	High school diploma or equiv	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	0	-0.8%	20	\$27,999	High school diploma or equiv	None	Moderate-term on-the-job training
51-4111	Tool and Die Makers	200	190	-10	-3.5%	10	\$53,629	High school diploma or equiv	None	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	2,180	2,310	130	5.8%	660	\$35,754	High school diploma or equiv	None	Moderate-term on-the-job training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	240	290	50	20.5%	110	\$35,412	High school diploma or equiv	None	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	40	40	0	-7.1%	10	\$32,878	High school diploma or equiv	None	Moderate-term on-the-job training
51-4192	Layout Workers, Metal and Plastic	50	50	0	-2.1%	10	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	130	100	-20	-19.7%	20	\$51,360	High school diploma or equiv	None	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0.0%	0	\$39,235	High school diploma or equiv	None	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	140	140	0	-2.9%	20	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
51-5111	Prepress Technicians and Workers	170	150	-10	-8.4%	40	\$37,715	Postsecondary non-degree a	None	None
51-5112	Printing Press Operators	670	660	-10	-1.5%	120	\$31,740	High school diploma or equiv	None	Moderate-term on-the-job training
51-5113	Print Binding and Finishing Workers	190	190	0	0.5%	30	\$28,725	High school diploma or equiv	None	Short-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	1,300	1,320	20	1.9%	410	\$18,540	Less than high school	None	Short-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	190	180	-10	-5.3%	20	\$20,761	Less than high school	None	Short-term on-the-job training
51-6031	Sewing Machine Operators	480	390	-100	-20.4%	20	\$21,952	Less than high school	None	Short-term on-the-job training
51-6041	Shoe and Leather Workers and Repairers	70	50	-20	-26.8%	10	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	30	20	-10	-29.6%	0	\$24,099	High school diploma or equiv	None	Moderate-term on-the-job training
51-6093	Upholsterers	240	230	-10	-4.1%	60	\$24,520	High school diploma or equiv	None	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	320	340	20	6.8%	50	\$29,986	High school diploma or equiv	None	Moderate-term on-the-job training
51-7021	Furniture Finishers	40	40	0	2.6%	10	\$29,800	High school diploma or equiv	None	Short-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	130	150	20	15.8%	60	\$39,789	High school diploma or equiv	None	Short-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	70	80	10	9.7%	10	\$26,122	High school diploma or equiv	None	Short-term on-the-job training

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education			
51-7099	Woodworkers, All Other	80	80	0	-5.0%	30	\$44,168	High school diploma or equiv	None	Moderate-term on-the-job training	
51-8013	Power Plant Operators	50	50	0	0.0%	20	\$68,426	High school diploma or equiv	None	Long-term on-the-job training	
51-8021	Stationary Engineers and Boiler Operators	130	140	10	11.0%	50	\$47,727	High school diploma or equiv	None	Long-term on-the-job training	
51-8031	Water and Wastewater Treatment Plant and System Operators	200	230	30	16.2%	100	\$37,852	High school diploma or equiv	None	Long-term on-the-job training	
51-8092	Gas Plant Operators	130	140	20	12.5%	60	\$43,655	High school diploma or equiv	None	Long-term on-the-job training	
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	80	90	10	18.2%	40	\$51,871	High school diploma or equiv	None	Long-term on-the-job training	
51-8099	Plant and System Operators, All Other	30	30	0	0.0%	10	\$45,575	High school diploma or equiv	None	Long-term on-the-job training	
51-9011	Chemical Equipment Operators and Tenders	90	80	-10	-6.9%	30	\$39,916	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators,	120	130	10	6.7%	50	\$27,454	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	120	110	0	-3.4%	30	\$31,398	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9022	Grinding and Polishing Workers, Hand	50	50	0	-2.1%	10	\$29,442	Less than high school	None	Moderate-term on-the-job training	
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	180	170	0	-2.3%	50	\$27,215	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	40	40	0	-4.7%	10	\$27,057	High school diploma or equiv	None	Short-term on-the-job training	
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Ter	160	160	0	-0.6%	40	\$35,474	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,940	2,140	210	10.7%	630	\$40,987	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9071	Jewelers and Precious Stone and Metal Workers	30	30	0	-6.7%	10	\$36,890	High school diploma or equiv	None	Long-term on-the-job training	
51-9081	Dental Laboratory Technicians	130	140	10	7.0%	50	\$38,756	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9083	Ophthalmic Laboratory Technicians	120	140	20	17.9%	60	\$22,569	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9111	Packaging and Filling Machine Operators and Tenders	930	880	-50	-5.6%	220	\$26,229	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	250	260	10	2.8%	50	\$28,235	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9122	Painters, Transportation Equipment	260	270	20	6.6%	60	\$33,479	High school diploma or equiv	None	Moderate-term on-the-job training	
51-9123	Painting, Coating, and Decorating Workers	110	120	10	13.0%	30	\$23,247	Less than high school	None	Moderate-term on-the-job training	
51-9151	Photographic Process Workers and Processing Machine Operators	270	270	-10	-2.6%	80	\$24,068	High school diploma or equiv	None	Short-term on-the-job training	
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	90	90	0	5.7%	30	\$22,283	Less than high school	None	Moderate-term on-the-job training	
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	120	130	10	7.4%	50	\$33,224	High school diploma or equiv	None	Long-term on-the-job training	
51-9198	Helpers--Production Workers	1,410	1,550	140	9.6%	380	\$25,361	Less than high school	None	Short-term on-the-job training	
51-9199	Production Workers, All Other	330	340	10	3.4%	100	\$32,574	High school diploma or equiv	None	Moderate-term on-the-job training	
53-1011	Aircraft Cargo Handling Supervisors	30	40	0	9.4%	10	\$60,356	High school diploma or equiv	Less than 5 years	None	
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	800	900	90	11.7%	320	\$47,077	High school diploma or equiv	Less than 5 years	None	
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle	940	1,030	100	10.6%	360	\$55,033	High school diploma or equiv	Less than 5 years	None	
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	100	-10	-11.4%	30	N/A	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	
53-2012	Commercial Pilots	110	130	20	17.9%	50	\$68,280	High school diploma or equiv	None	Moderate-term on-the-job training	
53-2021	Air Traffic Controllers	190	200	10	6.8%	100	N/A	Associate's degree	None	Long-term on-the-job training	

## CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Central WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
53-3021	Bus Drivers, Transit and Intercity	380	450	70	18.3%	140	\$32,790	High school diploma or equiv	None	Moderate-term on-the-job training
53-3022	Bus Drivers, School or Special Client	1,040	1,050	10	0.8%	200	\$19,930	High school diploma or equiv	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	1,410	1,600	190	13.4%	420	\$23,795	High school diploma or equiv	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	7,910	9,180	1,260	16.0%	2,530	\$36,490	Postsecondary non-degree a	None	Short-term on-the-job training
53-3033	Light Truck or Delivery Services Drivers	3,110	3,340	220	7.2%	720	\$28,938	High school diploma or equiv	None	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	600	680	80	13.7%	150	\$19,149	Less than high school	None	Short-term on-the-job training
53-6021	Parking Lot Attendants	420	420	10	1.4%	210	\$19,051	Less than high school	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	440	510	60	14.4%	190	\$22,197	Less than high school	None	Short-term on-the-job training
53-6041	Traffic Technicians	120	130	0	3.3%	50	\$32,268	High school diploma or equiv	None	Moderate-term on-the-job training
53-6051	Transportation Inspectors	150	150	0	-2.0%	50	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
53-6061	Transportation Attendants, Except Flight Attendants	70	80	10	9.9%	20	\$19,883	High school diploma or equiv	None	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	80	90	10	14.3%	30	\$30,484	Less than high school	None	Short-term on-the-job training
53-7021	Crane and Tower Operators	40	50	10	16.7%	20	\$52,039	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	80	90	10	13.9%	20	\$38,096	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,280	1,310	20	1.9%	320	\$33,342	Less than high school	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1,820	1,900	80	4.3%	580	\$23,894	Less than high school	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	10,330	11,580	1,250	12.1%	4,450	\$24,811	Less than high school	None	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	110	110	0	-0.9%	20	\$32,419	Less than high school	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,880	1,920	40	2.3%	540	\$20,552	Less than high school	None	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	90	100	10	6.4%	40	\$48,164	Less than high school	None	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	270	320	50	17.8%	140	\$50,916	Less than high school	None	Moderate-term on-the-job training
53-7073	Wellhead Pumpers	640	790	150	23.2%	370	\$45,163	Less than high school	Less than 5 years	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	310	350	50	15.3%	110	\$34,133	Less than high school	None	Short-term on-the-job training

Notes:

Central WIA Median Annual Wage data is from the 2014 Central WIA Occupational Employment Statistics (OES).