

# EAST CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	East Central WIA Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent					
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>43,460</b>	<b>47,780</b>	<b>4,330</b>	<b>10.0%</b>	<b>15,110</b>	<b>\$29,069</b>			
11-1011	Chief Executives	220	230	10	5.1%	60	\$98,416	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	620	670	50	8.3%	170	\$68,233	Bachelor's degree	Less than 5 years	None
11-1031	Legislators	40	50	10	35.0%	20	N/A	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	30	30	0	10.3%	10	\$62,184	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	90	100	10	6.7%	20	\$75,781	Bachelor's degree	Less than 5 years	None
11-3011	Administrative Services Managers	120	130	20	13.9%	40	\$54,386	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	30	40	10	20.0%	10	\$76,414	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	100	110	10	7.1%	30	\$71,382	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	120	120	0	4.2%	30	\$74,318	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	30	30	0	3.8%	10	\$63,240	Bachelor's degree	5 years or more	None
11-9021	Construction Managers	100	110	10	6.7%	20	\$74,478	Bachelor's degree	None	Moderate-term on-the-job training
11-9032	Education Administrators, Elementary and Secondary School	110	110	0	-2.7%	30	\$66,897	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	110	120	10	6.4%	40	\$73,114	Master's degree	5 years or more	None
11-9051	Food Service Managers	80	80	0	-3.8%	10	\$51,516	High school diploma or equiv	Less than 5 years	None
11-9071	Gaming Managers	190	260	70	34.7%	110	\$39,369	High school diploma or equiv	Less than 5 years	None
11-9111	Medical and Health Services Managers	90	110	20	21.3%	40	\$65,759	Bachelor's degree	None	None
11-9131	Postmasters and Mail Superintendents	30	20	-10	-25.0%	10	\$68,359	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	30	40	0	5.9%	10	\$59,082	High school diploma or equiv	Less than 5 years	None
11-9151	Social and Community Service Managers	30	30	0	15.4%	10	\$51,596	Bachelor's degree	5 years or more	None
11-9199	Managers, All Other	60	60	0	9.1%	20	\$57,280	High school diploma or equiv	Less than 5 years	None
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	60	60	10	10.9%	20	\$41,548	High school diploma or equiv	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	0.0%	10	\$44,815	High school diploma or equiv	None	Long-term on-the-job training
13-1041	Compliance Officers	80	90	10	13.8%	30	\$37,406	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	30	40	0	9.1%	10	\$64,722	Bachelor's degree	None	None
13-1071	Human Resources Specialists	80	90	0	3.6%	20	\$41,630	Bachelor's degree	None	None
13-1111	Management Analysts	50	60	10	20.8%	20	\$49,502	Bachelor's degree	Less than 5 years	None
13-1199	Business Operations Specialists, All Other	70	70	0	-2.9%	10	\$48,327	High school diploma or equiv	None	None
13-2011	Accountants and Auditors	400	480	80	20.1%	200	\$42,318	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	20	20	0	0.0%	0	\$18,848	Bachelor's degree	None	Long-term on-the-job training
13-2071	Credit Counselors	30	30	0	7.7%	10	N/A	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	210	220	10	3.3%	40	\$50,123	Bachelor's degree	None	Moderate-term on-the-job training
13-2082	Tax Preparers	30	30	0	13.8%	10	\$28,790	High school diploma or equiv	None	Moderate-term on-the-job training

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		2012	2022	Numeric	Percent					
15-1142	Network and Computer Systems Administrators	40	40	0	10.0%	10	\$51,685	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	60	70	10	20.3%	20	\$35,093	Some college, no degree	None	Moderate-term on-the-job training
17-2112	Industrial Engineers	30	30	0	3.4%	10	\$80,060	Bachelor's degree	None	None
17-2171	Petroleum Engineers	100	140	40	39.2%	60	N/A	Bachelor's degree	None	None
17-3031	Surveying and Mapping Technicians	60	70	20	26.3%	20	\$32,731	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1011	Substance Abuse and Behavioral Disorder Counselors	60	80	20	29.3%	30	\$37,875	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1012	Educational, Guidance, School, and Vocational Counselors	160	160	10	5.1%	40	\$47,069	Master's degree	None	None
21-1013	Marriage and Family Therapists	30	40	10	26.7%	10	N/A	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	50	50	10	14.9%	20	\$33,546	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	160	170	10	7.7%	40	\$33,923	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	70	80	10	20.3%	30	\$25,411	Master's degree	None	None
21-1023	Mental Health and Substance Abuse Social Workers	30	40	10	30.0%	20	\$34,132	Bachelor's degree	None	None
21-1029	Social Workers, All Other	30	30	0	7.7%	10	\$35,632	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0.0%	10	\$37,934	Bachelor's degree	None	Short-term on-the-job training
21-1093	Social and Human Service Assistants	90	100	10	12.2%	40	\$21,431	High school diploma or equivalent	None	Short-term on-the-job training
23-1011	Lawyers	160	180	20	15.4%	50	\$67,830	Doctoral or professional degree	None	None
23-2011	Paralegals and Legal Assistants	60	80	20	26.6%	30	\$42,201	Associate's degree	None	None
23-2093	Title Examiners, Abstractors, and Searchers	160	180	20	16.1%	50	\$35,608	High school diploma or equivalent	None	Short-term on-the-job training
25-1072	Nursing Instructors and Teachers, Postsecondary	30	30	10	25.9%	10	\$56,228	Master's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	90	90	0	4.4%	20	N/A	Doctoral or professional degree	None	None
25-2011	Preschool Teachers, Except Special Education	140	160	10	8.3%	50	\$35,966	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	110	120	10	5.3%	40	\$37,063	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	690	710	20	3.3%	170	\$39,050	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Career/Technical Education	260	270	10	3.4%	70	\$40,603	Bachelor's degree	None	Internship/residency
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	400	390	-10	-2.7%	110	\$43,208	Bachelor's degree	None	Internship/residency
25-2032	Career/Technical Education Teachers, Secondary School	60	50	0	-3.6%	20	\$46,671	Bachelor's degree	Less than 5 years	Internship/residency
25-2052	Special Education Teachers, Kindergarten and Elementary School	60	60	0	-3.3%	10	\$38,562	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	40	40	0	-2.6%	10	\$43,554	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	50	40	0	-4.3%	10	\$42,638	Bachelor's degree	None	Internship/residency
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	220	220	0	0.0%	40	\$41,272	Bachelor's degree	None	Internship/residency
25-3098	Substitute Teachers	160	160	0	0.6%	30	\$17,832	Bachelor's degree	None	Internship/residency
25-4021	Librarians	70	80	0	5.6%	20	\$41,104	Master's degree	None	None
25-9041	Teacher Assistants	370	370	0	1.1%	90	\$18,593	Some college, no degree	None	None

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		2012	2022	Numeric	Percent					
27-2022	Coaches and Scouts	140	150	10	8.7%	50	\$18,931	Bachelor's degree	None	None
29-1021	Dentists, General	30	40	0	11.8%	10	\$136,042	Doctoral or professional degree	None	None
29-1051	Pharmacists	60	70	10	11.3%	20	\$105,145	Doctoral or professional degree	None	None
29-1062	Family and General Practitioners	40	40	0	10.8%	10	\$80,388	Doctoral or professional degree	None	Internship/residency
29-1071	Physician Assistants	40	50	10	28.9%	20	\$91,005	Master's degree	None	None
29-1123	Physical Therapists	20	30	10	28.0%	10	\$78,244	Doctoral or professional degree	None	None
29-1141	Registered Nurses	530	600	70	12.7%	170	\$50,074	Associate's degree	None	None
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	23.9%	20	\$34,367	Associate's degree	None	None
29-2021	Dental Hygienists	90	110	20	24.1%	40	\$84,624	Associate's degree	None	None
29-2034	Radiologic Technologists	60	70	10	15.0%	20	\$50,267	Associate's degree	None	None
29-2041	Emergency Medical Technicians and Paramedics	130	170	40	29.9%	80	\$26,337	Postsecondary non-degree award	None	None
29-2052	Pharmacy Technicians	80	90	10	16.0%	20	\$28,377	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2056	Veterinary Technologists and Technicians	30	40	10	36.7%	10	\$20,113	Associate's degree	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	600	720	110	18.7%	260	\$34,678	Postsecondary non-degree award	None	None
29-2071	Medical Records and Health Information Technicians	120	140	20	17.8%	50	\$28,837	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	20	30	0	20.0%	10	\$24,809	High school diploma or equivalent	None	Long-term on-the-job training
31-1011	Home Health Aides	200	280	70	36.5%	110	\$18,228	Less than high school	None	Short-term on-the-job training
31-1014	Nursing Assistants	1,150	1,320	170	14.8%	390	\$21,078	Postsecondary non-degree award	None	None
31-2022	Physical Therapist Aides	30	40	10	32.4%	20	\$22,306	High school diploma or equivalent	None	Short-term on-the-job training
31-9091	Dental Assistants	70	80	10	17.1%	30	\$29,145	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	120	150	20	17.7%	50	\$25,957	Postsecondary non-degree award	None	None
31-9095	Pharmacy Aides	30	30	0	3.8%	10	\$17,859	High school diploma or equivalent	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	60	10	16.7%	20	N/A	High school diploma or equivalent	None	Short-term on-the-job training
33-1011	First-Line Supervisors of Correctional Officers	40	40	10	20.0%	20	N/A	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-1012	First-Line Supervisors of Police and Detectives	40	60	20	34.9%	30	\$46,002	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-2011	Firefighters	120	170	40	36.6%	80	\$27,901	Postsecondary non-degree award	None	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	300	380	80	27.8%	160	\$32,306	High school diploma or equivalent	None	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	30	40	0	12.5%	10	\$50,312	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	320	420	100	29.9%	200	\$37,238	High school diploma or equivalent	None	Moderate-term on-the-job training
33-9032	Security Guards	550	720	160	29.6%	250	\$22,828	High school diploma or equivalent	None	Short-term on-the-job training
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	260	290	30	10.0%	100	\$22,455	High school diploma or equivalent	Less than 5 years	None
35-2011	Cooks, Fast Food	280	280	0	-0.4%	60	\$17,797	Less than high school	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	270	280	20	6.0%	70	\$18,731	Less than high school	None	Short-term on-the-job training

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		2012	2022	Numeric	Percent					
35-2014	Cooks, Restaurant	380	430	50	14.1%	130	\$20,841	Less than high school	Less than 5 years	Moderate-term on-the-job training
35-2021	Food Preparation Workers	270	280	0	1.8%	80	\$18,397	Less than high school	None	Short-term on-the-job training
35-3011	Bartenders	70	90	10	16.2%	40	\$17,569	Less than high school	None	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	810	870	60	7.5%	370	\$17,606	Less than high school	None	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	100	110	0	1.9%	70	\$17,905	Less than high school	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	880	890	10	1.6%	440	\$17,974	Less than high school	None	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	60	70	0	8.2%	20	\$23,083	Less than high school	None	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	40	50	0	9.1%	20	\$18,737	Less than high school	None	Short-term on-the-job training
35-9021	Dishwashers	160	160	0	1.9%	70	\$17,550	Less than high school	None	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	120	150	30	24.6%	120	\$17,624	Less than high school	None	None
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	110	120	10	10.9%	40	\$39,260	High school diploma or equiv	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	50	60	0	7.5%	10	\$31,024	High school diploma or equiv	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	670	710	40	5.9%	170	\$19,332	Less than high school	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	760	920	160	20.5%	310	\$18,760	Less than high school	None	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	180	210	20	12.6%	70	\$20,627	Less than high school	None	Short-term on-the-job training
39-1011	Gaming Supervisors	80	100	20	26.6%	40	\$35,855	High school diploma or equiv	Less than 5 years	None
39-1012	Slot Supervisors	40	60	10	31.1%	20	\$28,255	High school diploma or equiv	Less than 5 years	None
39-1021	First-Line Supervisors of Personal Service Workers	60	70	10	13.8%	20	\$22,987	High school diploma or equiv	Less than 5 years	None
39-3011	Gaming Dealers	100	140	40	35.0%	50	\$18,223	High school diploma or equiv	None	Short-term on-the-job training
39-4011	Embalmers	30	20	-10	-26.9%	10	N/A	Postsecondary non-degree a	None	Short-term on-the-job training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	160	160	10	3.8%	40	N/A	Postsecondary non-degree a	None	None
39-9011	Childcare Workers	240	290	50	19.6%	120	\$19,743	High school diploma or equiv	None	Short-term on-the-job training
39-9021	Personal Care Aides	200	300	100	48.5%	110	\$17,843	Less than high school	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	60	60	0	3.2%	10	\$26,844	High school diploma or equiv	None	Short-term on-the-job training
39-9032	Recreation Workers	70	80	10	20.9%	20	\$18,787	Bachelor's degree	None	None
39-9041	Residential Advisors	80	90	10	16.9%	50	\$17,742	High school diploma or equiv	None	Short-term on-the-job training
41-1011	First-Line Supervisors of Retail Sales Workers	770	790	10	1.8%	180	\$30,784	High school diploma or equiv	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	30	30	0	-3.0%	0	\$55,958	High school diploma or equiv	Less than 5 years	None
41-2011	Cashiers	1,550	1,580	20	1.5%	690	\$18,698	Less than high school	None	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	380	520	140	36.9%	300	\$19,435	High school diploma or equiv	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	40	30	0	-5.6%	10	\$20,232	Less than high school	None	Short-term on-the-job training
41-2022	Parts Salespersons	170	180	0	1.7%	50	\$27,493	Less than high school	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	1,340	1,420	80	5.7%	540	\$21,858	Less than high school	None	Short-term on-the-job training

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41-3021	Insurance Sales Agents	140	150	10	5.8%	40	\$29,804	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3099	Sales Representatives, Services, All Other	50	50	0	8.7%	20	\$27,916	High school diploma or equivalent	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	50	60	0	3.7%	10	\$46,030	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	490	560	80	15.3%	170	\$37,964	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	40	40	0	7.7%	10	N/A	High school diploma or equivalent	None	Long-term on-the-job training
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	60	50	-10	-18.5%	10	N/A	High school diploma or equivalent	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	30	30	0	10.0%	10	N/A	High school diploma or equivalent	None	None
43-1011	First-Line Supervisors of Office and Administrative Support Workers	480	530	50	10.7%	160	\$38,262	High school diploma or equivalent	Less than 5 years	None
43-2011	Switchboard Operators, Including Answering Service	40	40	-10	-15.6%	10	\$22,547	High school diploma or equivalent	None	Short-term on-the-job training
43-3011	Bill and Account Collectors	80	80	10	8.0%	30	\$30,464	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	90	110	20	18.1%	30	\$29,511	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	920	1,050	130	14.1%	220	\$28,655	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	280	380	100	36.2%	150	\$21,627	High school diploma or equivalent	None	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	80	90	10	15.8%	30	\$34,754	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	20	30	0	12.0%	10	\$29,994	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	240	230	-10	-3.7%	110	\$19,773	High school diploma or equivalent	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	40	60	20	40.0%	20	\$28,975	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4051	Customer Service Representatives	450	500	50	10.7%	170	\$24,232	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	160	170	10	6.1%	90	N/A	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	250	260	10	2.4%	20	\$26,085	High school diploma or equivalent	None	Short-term on-the-job training
43-4141	New Accounts Clerks	70	60	-10	-8.7%	20	\$30,823	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4151	Order Clerks	20	20	0	-4.0%	10	\$22,268	High school diploma or equivalent	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	40	40	0	2.6%	10	\$28,403	High school diploma or equivalent	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	300	330	20	7.9%	100	\$21,741	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	40	60	10	29.5%	30	\$27,660	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	50	50	10	13.0%	20	\$41,655	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	30	30	0	3.4%	10	\$27,155	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	30	20	-10	-34.6%	0	\$33,706	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	190	140	-50	-26.9%	60	\$52,972	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	70	70	0	6.0%	20	\$39,215	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	120	120	0	0.8%	30	\$28,576	High school diploma or equivalent	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	560	550	-10	-2.1%	170	\$19,194	Less than high school	None	Short-term on-the-job training
43-6011	Executive Secretaries and Executive Administrative Assistants	320	320	0	-0.6%	40	\$38,544	High school diploma or equivalent	Less than 5 years	None

## EAST CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	East Central WIA Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent					
43-6013	Medical Secretaries	130	170	40	30.8%	60	\$25,972	High school diploma or equiv	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	790	880	90	11.8%	190	\$29,565	High school diploma or equiv	None	Short-term on-the-job training
43-9021	Data Entry Keyers	60	50	-10	-17.5%	10	\$25,904	High school diploma or equiv	None	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	30	40	0	2.9%	10	\$37,804	High school diploma or equiv	None	Moderate-term on-the-job training
43-9061	Office Clerks, General	830	870	40	5.0%	220	\$24,716	High school diploma or equiv	None	Short-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	220	240	30	13.0%	50	\$67,328	High school diploma or equiv	5 years or more	None
47-2022	Stonemasons	40	40	0	12.5%	10	N/A	High school diploma or equiv	None	Apprenticeship
47-2031	Carpenters	110	120	10	13.2%	30	\$31,236	High school diploma or equiv	None	Apprenticeship
47-2044	Tile and Marble Setters	40	40	0	2.4%	10	\$24,753	Less than high school	None	Long-term on-the-job training
47-2061	Construction Laborers	120	130	10	7.6%	30	\$21,625	Less than high school	None	Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	20	20	-10	-24.0%	0	\$27,819	High school diploma or equiv	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	190	210	20	8.8%	60	\$36,101	High school diploma or equiv	None	Moderate-term on-the-job training
47-2111	Electricians	260	280	20	7.3%	70	\$43,630	High school diploma or equiv	None	Apprenticeship
47-2151	Pipelayers	160	170	10	7.7%	30	\$33,521	Less than high school	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	40	50	10	15.0%	10	\$33,353	High school diploma or equiv	None	Apprenticeship
47-2181	Roofers	30	30	0	-6.9%	10	N/A	Less than high school	None	Moderate-term on-the-job training
47-3013	Helpers--Electricians	40	40	0	14.3%	10	\$17,809	High school diploma or equiv	None	Short-term on-the-job training
47-4051	Highway Maintenance Workers	80	100	30	34.2%	40	\$34,402	High school diploma or equiv	None	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	90	100	10	16.1%	50	\$40,433	Less than high school	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	330	420	90	26.1%	220	\$49,485	Less than high school	None	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	200	230	30	14.9%	80	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	140	170	30	22.6%	70	\$39,187	Less than high school	None	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	70	80	10	20.9%	30	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	110	120	10	5.5%	40	\$57,202	High school diploma or equiv	Less than 5 years	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	180	160	-10	-6.8%	20	\$37,246	Postsecondary non-degree a	None	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	90	90	0	-2.2%	20	\$38,582	Postsecondary non-degree a	None	None
49-3023	Automotive Service Technicians and Mechanics	260	270	20	6.3%	80	\$22,711	High school diploma or equiv	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	120	120	0	2.6%	30	\$38,767	High school diploma or equiv	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	60	10	25.0%	30	\$33,835	High school diploma or equiv	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	90	90	0	2.3%	30	N/A	High school diploma or equiv	None	Short-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	70	80	10	9.6%	20	\$34,035	Postsecondary non-degree a	None	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	80	100	20	23.5%	40	\$44,063	High school diploma or equiv	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	100	130	30	31.3%	40	\$37,380	High school diploma or equiv	None	Moderate-term on-the-job training

## EAST CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	East Central WIA Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent					
49-9051	Electrical Power-Line Installers and Repairers	110	120	10	5.5%	40	\$57,578	High school diploma or equivalent	None	Long-term on-the-job training
49-9071	Maintenance and Repair Workers, General	410	460	50	11.7%	130	\$26,333	High school diploma or equivalent	None	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	60	70	10	9.5%	20	\$22,538	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	190	200	10	4.7%	40	\$43,932	Postsecondary non-degree award	Less than 5 years	None
51-2022	Electrical and Electronic Equipment Assemblers	30	30	0	0.0%	0	\$34,852	High school diploma or equivalent	None	Short-term on-the-job training
51-2092	Team Assemblers	220	240	20	9.4%	60	\$24,022	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	50	50	0	6.4%	10	\$18,879	Less than high school	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	50	60	10	13.2%	20	N/A	Less than high school	None	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	50	60	10	15.4%	20	N/A	Less than high school	None	Short-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	0	-7.2%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	-1.2%	10	\$21,308	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	40	40	0	-5.3%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	120	140	20	16.3%	50	\$42,595	High school diploma or equivalent	None	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	40	30	0	-8.1%	0	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	120	-10	-4.9%	20	\$34,281	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	160	170	20	10.3%	50	\$35,436	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	30	40	10	31.3%	20	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-5111	Prepress Technicians and Workers	20	20	0	-4.0%	10	N/A	Postsecondary non-degree award	None	None
51-5112	Printing Press Operators	50	50	0	0.0%	10	\$19,878	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	160	170	10	7.6%	60	\$19,103	Less than high school	None	Short-term on-the-job training
51-6031	Sewing Machine Operators	140	100	-30	-23.4%	10	\$22,273	Less than high school	None	Short-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	60	80	20	30.0%	40	\$28,484	High school diploma or equivalent	None	Long-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	30	30	0	0.0%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	60	60	0	3.4%	20	\$33,396	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	30	30	0	0.0%	0	N/A	High school diploma or equivalent	None	Short-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders, Metal and Plastic	90	100	10	6.5%	30	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	190	200	20	9.1%	60	\$24,382	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	140	140	0	2.2%	40	\$22,933	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	30	30	0	6.5%	10	\$25,417	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30	30	0	13.3%	10	N/A	High school diploma or equivalent	None	Long-term on-the-job training
51-9198	Helpers--Production Workers	300	320	20	7.4%	70	\$26,926	Less than high school	None	Short-term on-the-job training
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	30	40	0	12.9%	10	\$45,947	High school diploma or equivalent	Less than 5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	90	100	10	12.8%	40	\$55,968	High school diploma or equivalent	Less than 5 years	None

## EAST CENTRAL Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	East Central WIA Median Annual Wage	Entry-Level Education	Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent					
53-3022	Bus Drivers, School or Special Client	150	140	-10	-7.5%	30	\$19,024	High school diploma or equiv	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	360	370	10	2.7%	70	\$36,459	High school diploma or equiv	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	650	740	90	13.4%	190	\$38,864	Postsecondary non-degree a	None	Short-term on-the-job training
53-3033	Light Truck or Delivery Services Drivers	130	140	0	3.0%	20	\$31,667	High school diploma or equiv	None	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	60	80	10	22.6%	20	\$25,034	Less than high school	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	70	70	0	7.2%	20	N/A	Less than high school	None	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	30	30	0	11.5%	10	\$23,620	Less than high school	None	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	50	50	0	6.4%	10	N/A	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	90	90	0	-2.2%	20	\$31,656	Less than high school	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	40	50	0	6.8%	20	\$32,642	Less than high school	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,020	1,090	70	6.9%	390	\$20,315	Less than high school	None	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	40	40	0	7.9%	10	\$37,706	Less than high school	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	450	490	30	7.3%	150	\$19,027	Less than high school	None	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	30	30	0	7.7%	10	\$19,129	Less than high school	None	Short-term on-the-job training

Notes:

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