

Job Outlook to 2014

East Central Ohio

Economic Development Region 10



Belmont, Carroll, Columbiana, Coshocton, Guernsey, Harrison, Holmes, Jefferson, Muskingum and Tuscarawas Counties

Job Outlook to 2014
Economic Development Region 10

Job Outlook, 2004-2014, for Ohio's Economic Development Regions

Employment projections are updated every two years by the ODJFS Bureau of Labor Market Information (BLMI). The projections are widely used for studying long-range economic and employment trends, planning education and training programs, and developing career information. This edition uses employment statistics for 2004 as a foundation to project employment conditions for the 10-year period ending in 2014.

The table below summarizes 2004 employment levels and projected 2014 levels for each of Ohio's Economic Development Regions (EDRs). The difference between the two levels, of course, represents new jobs resulting from growth. Employment in Central Ohio is projected to grow at the fastest rate, 9.5 percent from 2004 to 2014, followed by Southwest Ohio at 9.2 percent. State employment is projected to grow by 7.3 percent during this period. The only other area projected to grow faster than the State is Northeast Central Ohio at 7.5 percent. Although not increasing as rapidly, the Northern Ohio area is expected to create a large number of new jobs, 57,300 over the same period. Total employment in the remaining regions is projected to grow slower than the State, between 3.9 and 6.6 percent growth.

Projected Job Growth By Economic Development Region

Region	Name	Projected Employment		Growth 2004-2014	
		2004	2014	Number	Percent
1	Central	998,300	1,092,900	94,600	9.5%
2	Northwest	474,600	501,400	26,800	5.6%
3	West Central	189,400	201,400	12,000	6.3%
4	Southwest Central	585,900	609,100	23,200	4.0%
5	Southwest	863,300	942,900	79,600	9.2%
6	North Central	227,300	237,000	9,700	4.3%
7	Southern	145,100	154,000	8,900	6.1%
8	Northern	1,076,800	1,134,100	57,300	5.3%
9	Northeast Central	643,700	692,200	48,500	7.5%
10	East Central	237,300	247,800	10,500	4.4%
11	Southeast	82,900	88,400	5,500	6.6%
12	Northeast	245,100	254,700	9,600	3.9%

Stronger growth is correlated with a lower concentration of manufacturing employment, which is expected to decline. The Central and Southwest Ohio regions have lower concentrations of manufacturing employment, while those regions projected to grow slower than average have higher concentrations.

Each report contains a summary of the employment outlook by industry and by major occupational group. The job outlook is also ranked by the fastest growing occupations and occupations expected to provide the most annual openings, a combination of projected

employment change and net annual openings due primarily to anticipated retirements. An alphabetical listing is provided for ease in locating a particular occupation in the detailed report ordered by code number, which tends to list jobs that are similar in nature (e.g., management, health, construction, etc.).

The report also lists occupations, sorted by education or training level, where there is a high prospect for employment in a good-paying job. Occupations are defined as having high employment prospects if the pay averages at least \$12 an hour and they are expected to have a relatively large number of annual openings. Examples of occupations that meet these criteria in every region include executive secretaries and administrative assistants; tractor-trailer truck drivers; licensed and vocational practical nurses; automotive service technicians and mechanics; registered nurses; teachers and pharmacists. Skilled tradesmen such as carpenters and electricians, were also on every high prospect list.

Technical Notes

Projections of employment demand were made primarily at the 3-digit industry level, based on the North American Industry Classification System (NAICS), using shift-share techniques that related Ohio's Economic Development Region industry employment to statewide industry employment over the past decade. State and local area projections are also partially dependent on the outlook for specific industries nationally.

Economic Development Region staffing patterns were estimated using the Estimates Delivery System (EDS), an automated system for creating data for customized geographic regions from the results of the Occupational Employment Statistics (OES) Survey. These OES surveys were for 2002, 2003 and 2004 reflecting the Standard Occupational Classification (SOC) coding structure. The wage estimates were aged using the Employment Cost Index (ECI) for April of 2006.

Ohio industry staffing patterns were adjusted for expected technological change and other factors from national data provided by the Bureau of Labor Statistics (BLS). Net annual replacement needs were computed from national rates also supplied by the Bureau of Labor Statistics and published in *Occupational Projections and Training Data*, U.S. Department of Labor, Bureau of Labor Statistics, January 2006. Although these rates have been found to provide reliable estimates of Ohio net replacement needs for specific occupations, there are many additional openings resulting from turnover. Inclusion of education and training level is made possible by the classification of the SOC occupations into eleven distinct categories by the staff at the Office of Occupational Statistics and Employment Projections at BLS.

Because future trends are always subject to uncertainty, the long-term job outlook will continue to be produced every other year. For more information on the local job outlook around Ohio available through reports published on the Internet, visit <http://lmi.state.oh.us/proj/projections.htm>. For printed copies of the report contact the Bureau of Labor Market Information at (614) 752-9494 or e-mail Sandy Newman at newmas01@odjfs.state.oh.us.

**East Central Ohio - Economic Development Region 10
Industry Employment Projections Report, 2004-2014**

Industry	2004 Annual Employment	2014 Projected Employment	Change in Employment 2004-2014	Percent Change 2004-2014
Total Employment	237,300	247,800	10,500	4.4%
Goods-Producing	62,600	59,200	-3,400	-5.4%
Natural Resources and Mining	13,000	12,100	-900	-6.9%
Construction	9,600	11,100	1,500	15.6%
Manufacturing	40,100	36,000	-4,100	-10.2%
Service-Providing	159,700	173,700	14,000	8.8%
Trade, Transportation, and Utilities	44,700	47,500	2,800	6.3%
Retail Trade	30,400	32,200	1,800	5.9%
Information	2,700	2,900	200	7.4%
Financial Activities	7,100	7,900	800	11.3%
Finance and Insurance	5,300	5,900	600	11.3%
Real Estate and Rental and Leasing	1,700	2,000	300	17.6%
Professional and Business Services	12,000	14,000	2,000	16.7%
Education and Health Services	31,700	36,800	5,100	16.1%
Leisure and Hospitality	20,400	21,500	1,100	5.4%
Arts, Entertainment & Recreation	2,000	2,100	100	5.0%
Accommodation and Food Services	18,400	19,500	1,100	6.0%
Other Services	9,600	10,400	800	8.3%
Government	31,600	32,700	1,100	3.5%
Federal Government	1,900	1,900	0	0.0%
State Government	3,100	3,100	0	0.0%
Local Government	26,500	27,800	1,300	4.9%
Self-Employed, Private Household and Unpaid Family Workers	15,000	14,900	-100	-0.7%

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, April 2007.

**East Central Ohio - Economic Development Region 10
Occupational Employment Projections by Major Occupational Group**

Occupational Title	Employment		Change in Employment		Total Annual Openings
	2004 Annual	2014 Projected	2004 - 2014	Percent	
Total, All Occupations	237,300	247,800	10,500	4.4%	6,731
Management Occupations	17,020	16,660	-360	-2.1%	202
Business and Financial Operations Occupations	5,660	6,360	700	12.4%	174
Computer and Mathematical Occupations	1,380	1,680	300	21.7%	48
Architecture and Engineering Occupations	2,110	2,200	90	4.3%	62
Life, Physical, and Social Science Occupations	640	670	30	4.7%	19
Community and Social Services Occupations	3,430	3,690	260	7.6%	91
Legal Occupations	470	500	30	6.4%	9
Education, Training, and Library Occupations	13,710	14,980	1,270	9.3%	437
Arts, Design, Entertainment, Sports, & Media Occ.	2,320	2,480	160	6.9%	59
Healthcare Practitioners and Technical Occupations	12,260	14,130	1,870	15.3%	426
Healthcare Support Occupations	8,860	10,740	1,880	21.2%	319
Protective Service Occupations	3,850	3,960	110	2.9%	118
Food Preparation and Serving Related Occupations	20,450	21,480	1,030	5.0%	895
Building & Grounds Cleaning & Maintenance Occup.	8,150	8,820	670	8.2%	231
Personal Care and Service Occupations	6,080	6,780	700	11.5%	211
Sales and Related Occupations	25,180	26,630	1,450	5.8%	1,001
Office and Administrative Support Occupations	30,810	30,710	-100	-0.3%	758
Farming, Fishing, and Forestry Occupations	1,020	960	-60	-5.9%	26
Construction and Extraction Occupations	14,020	15,610	1,590	11.3%	424
Installation, Maintenance, and Repair Occupations	10,590	11,010	420	4.0%	290
Production Occupations	29,130	26,930	-2,200	-7.6%	706
Transportation and Material Moving Occupations	20,160	20,820	660	3.3%	497

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2007.

East Central Ohio - Economic Development Region 10
Fastest Growing Occupations
2004-2014

Occupational Title	Percent Change	Total Annual Openings	Average Wage 2006*
Home Health Aides	47.7%	106	\$8.81
Computer Software Engineers, Applications	46.7%	17	\$35.22
Medical Assistants	39.4%	38	\$10.64
Network and Computer Systems Administrators	35.3%	8	\$22.23
Dental Hygienists	31.6%	8	\$27.49**
Physical Therapist Assistants	28.6%	10	\$19.72
Dental Assistants	28.6%	24	\$11.95
Computer Systems Analysts	25.0%	4	\$26.49
Personal and Home Care Aides	23.8%	33	\$8.48
Postsecondary Teachers	23.0%	52	\$59,794+
Physical Therapists	22.7%	7	\$33.01
Occupational Therapists	21.4%	5	\$30.25
Instructional Coordinators	20.0%	7	\$25.70
Surgical Technologists	20.0%	3	\$15.18
Medical Records & Health Info. Technicians	20.0%	10	\$11.96
Nonfarm Animal Caretakers	20.0%	7	\$7.71
Heating, AC, & Refrigeration Mechanics/Installers	20.0%	12	\$16.89
Counter and Rental Clerks	19.7%	35	\$9.74
Special Ed. Teachers, Pre./Kinder./Elem. Sch.	19.6%	20	\$42,171+
Registered Nurses	19.1%	180	\$23.49
Pharmacists	18.4%	14	\$43.75
Pharmacy Technicians	18.4%	12	\$10.65
Funeral Attendants	18.2%	4	\$10.19**
Preschool Teachers, except Special Education	17.8%	13	\$10.43**
Social and Human Service Assistants	17.2%	10	\$11.60
Amusement and Recreation Attendants	16.7%	16	\$8.27
Radiologic Technologists and Technicians	16.3%	15	\$20.37
Cement Masons and Concrete Finishers	16.2%	14	\$18.04
Roofers	16.2%	15	\$14.32
Family and General Practitioners	16.1%	9	\$74.86**

*May 2005 wages aged to April 2006.

**Statewide wages used.

+Annual earnings, typically for a 9 1/2 month school year for teachers, Statewide wage used.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2007.

**East Central Ohio - Economic Development Region 10
Occupations with Most Annual Openings
2004-2014**

Occupational Title	Total Annual Openings	Average Wage 2006*
Retail Salespersons	362	\$10.52
Cashiers	361	\$8.00**
Waiters and Waitresses	241	\$6.54
Registered Nurses	180	\$23.49
Comb. Food Preparation & Serving Workers, inc. Fast Food	178	\$6.61
Laborers and Freight, Stock, and Material Movers, Hand	139	\$10.32
Janitors & Cleaners, except Maids & Housekeeping Cleaners	115	\$10.31
Nursing Aides, Orderlies, and Attendants	108	\$9.78
Home Health Aides	106	\$8.81
Truck Drivers, Heavy and Tractor-Trailer	101	\$16.62
Tellers	98	\$9.56
Stock Clerks and Order Fillers	97	\$9.47
Cooks, Fast Food	96	\$6.77
Office Clerks, General	95	\$9.94
Elementary School Teachers, except Special Education	87	\$43,290+
Food Preparation Workers	87	\$7.70
Carpenters	80	\$14.05
Secondary School Teachers, except Special & Vocational Ed.	79	\$43,973+
Team Assemblers	71	\$11.73
Maintenance and Repair Workers, General	61	\$14.44
Sales Rep., Wholesale & Mfg, ex. Tech. & Scientific Products	58	\$28.82**
Cooks, Restaurant	57	\$8.25
Receptionists and Information Clerks	57	\$9.35
Landscaping and Groundskeeping Workers	56	\$9.11
General and Operations Managers	55	\$39.78
Licensed Practical & Licensed Vocational Nurses	55	\$16.04
First-Line Supervisors/Managers of Retail Sales Workers	55	\$17.31
Secretaries, except Legal, Medical & Executive	55	\$11.47
Automotive Service Technicians and Mechanics	55	\$16.66**
Bookkeeping, Accounting, and Auditing Clerks	53	\$12.45

*May 2005 wages aged to April 2006.

**Statewide wages used.

+Annual earnings, typically for a 9 1/2 month school year for teachers.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2007.

**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
00-0000	Total, All Occupations	237,300	247,800	10,500	4.4%	6,731	NA	NA
11-0000	Management Occupations	17,020	16,660	-360	-2.1%	202	\$36.49	NA
11-1011	Chief Executives	580	610	30	5.2%	14	\$57.77	4
11-1021	General and Operations Managers	2,040	2,210	170	8.3%	55	\$39.78	4
11-2022	Sales Managers	260	300	40	15.4%	9	\$46.27	4
11-3011	Administrative Services Managers	130	140	10	7.7%	3	\$34.09	4
11-3021	Computer and Information Systems Managers	100	110	10	10.0%	3	\$47.16	4
11-3031	Financial Managers	330	360	30	9.1%	8	\$35.73	4
11-3051	Industrial Production Managers	350	330	-20	-5.7%	7	\$35.46	8
11-9011	Farm, Ranch, and Other Agricultural Managers	240	240	0	0.0%	4	NA	4
11-9012	Farmers and Ranchers	9,370	8,500	-870	-9.3%	55	NA	9
11-9021	Construction Managers	280	300	20	7.1%	7	\$38.16	5
11-9032	Education Admin., Elem. & Secondary School	500	530	30	6.0%	15	NA	4
11-9041	Engineering Managers	130	140	10	7.7%	4	\$36.95	4
11-9051	Food Service Managers	670	690	20	3.0%	13	\$20.29	8
11-9111	Medical and Health Services Managers	350	390	40	11.4%	11	\$32.39	4
11-9151	Social and Community Service Managers	110	120	10	9.1%	3	\$24.18	5
13-0000	Business and Financial Operations Occupations	5,660	6,360	700	12.4%	174	\$22.81	NA
13-1023	Purchasing Agents, ex. Whole., Retail, & Farm	350	350	0	0.0%	9	\$22.35	8
13-1051	Cost Estimators	390	450	60	15.4%	15	\$24.45	8
13-1073	Training and Development Specialists	170	190	20	11.8%	5	\$20.71	5
13-1111	Management Analysts	340	380	40	11.8%	9	\$33.71	4
13-1199	Business Operations Specialists, All Other	1,280	1,460	180	14.1%	40	\$20.27	5
13-2011	Accountants and Auditors	1,230	1,390	160	13.0%	39	\$24.48	5
13-2072	Loan Officers	220	240	20	9.1%	6	\$18.89	5
15-0000	Computer and Mathematical Occupations	1,380	1,680	300	21.7%	48	\$25.34	NA
15-1021	Computer Programmers	200	180	-20	-10.0%	5	\$27.70	5
15-1031	Computer Software Engineers, Applications	300	440	140	46.7%	17	\$35.22	5
15-1041	Computer Support Specialists	360	390	30	8.3%	7	\$15.82	6
15-1051	Computer Systems Analysts	120	150	30	25.0%	4	\$26.49	5
15-1071	Network and Computer Systems Administrators	170	230	60	35.3%	8	\$22.23	5
17-0000	Architecture and Engineering Occupations	2,110	2,200	90	4.3%	62	\$25.49	NA
17-2051	Civil Engineers	120	130	10	8.3%	3	\$30.87	5
17-2112	Industrial Engineers	340	370	30	8.8%	11	\$29.85	5
17-2141	Mechanical Engineers	330	330	0	0.0%	9	\$27.56	5
17-2199	Engineers, All Other	100	100	0	0.0%	2	\$32.09	5
17-3013	Mechanical Drafters	150	150	0	0.0%	4	\$20.05	7
19-0000	Life, Physical, and Social Science Occupations	640	670	30	4.7%	19	\$25.99	NA
19-3031	Clinical, Counseling and School Psychologists	140	160	20	14.3%	5	\$30.59	2
21-0000	Community and Social Services Occupations	3,430	3,690	260	7.6%	91	\$17.75	NA
21-1012	Educational, Vocational, & School Counselors	260	290	30	11.5%	9	\$26.63	3
21-1014	Mental Health Counselors	150	170	20	13.3%	5	\$16.76	3
21-1015	Rehabilitation Counselors	180	190	10	5.6%	5	\$19.45	3
21-1021	Child, Family and School Social Workers	350	390	40	11.4%	10	\$17.52	5
21-1022	Medical and Public Health Social Workers	390	440	50	12.8%	12	\$19.80	5
21-1093	Social and Human Service Assistants	290	340	50	17.2%	10	\$11.60	10
21-2011	Clergy	930	980	50	5.4%	24	NA	3
21-2021	Directors, Religious Activities and Education	170	190	20	11.8%	4	NA	5
23-0000	Legal Occupations	470	500	30	6.4%	9	\$35.13	NA
23-1011	Lawyers	280	310	30	10.7%	7	\$48.61	1
25-0000	Education, Training, and Library Occupations	13,710	14,980	1,270	9.3%	437	\$19.37	NA
25-1000	Postsecondary Teachers	1,130	1,390	260	23.0%	52	\$59,794++	NA
25-2011	Preschool Teachers, except Special Education	450	530	80	17.8%	13	\$10.43	7

*Occupations with 100 or more workers.

**See last page.

+See last page for Education and Training Levels.

++Annual earnings, typically 9 1/2 months for school teachers.

**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
25-2012	Kindergarten Teachers, ex. Special Education	330	370	40	12.1%	8	\$43,322++	5
25-2021	Elementary School Teachers, ex. Special Ed.	2,840	3,080	240	8.5%	87	\$43,290++	5
25-2022	Middle School Teachers, ex. Special & Voc. Ed.	1,160	1,200	40	3.4%	30	\$43,916++	5
25-2031	Secondary Sch. Teachers, ex. Spec. & Voc. Ed.	2,320	2,460	140	6.0%	79	\$43,973++	5
25-2032	Vocational Education Teachers, Secondary Sch.	280	300	20	7.1%	10	\$48,085++	4
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch.	460	550	90	19.6%	20	\$42,171++	5
25-2042	Special Education Teachers, Middle School	250	290	40	16.0%	10	\$44,918++	5
25-2043	Special Education Teachers, Secondary School	510	560	50	9.8%	17	\$45,397++	5
25-4021	Librarians	280	250	-30	-10.7%	7	\$20.42	3
25-9031	Instructional Coordinators	200	240	40	20.0%	7	\$25.70	3
25-9041	Teacher Assistants	1,290	1,440	150	11.6%	40	\$19,167++	11
27-0000	Arts, Design, Entertainment, Sports, & Media Occ.	2,320	2,480	160	6.9%	59	\$15.70	NA
27-1023	Floral Designers	120	130	10	8.3%	3	\$8.66	10
27-1024	Graphic Designers	230	240	10	4.3%	4	\$13.87	5
27-2022	Coaches and Scouts	480	530	50	10.4%	14	\$31,922++	9
27-3031	Public Relations Specialists	180	200	20	11.1%	5	\$19.78	5
27-3041	Editors	100	110	10	10.0%	4	\$23.68	5
29-0000	Healthcare Practitioners and Technical Occupations	12,260	14,130	1,870	15.3%	426	\$26.99	NA
29-1021	Dentists, General	140	150	10	7.1%	3	\$73.31	1
29-1051	Pharmacists	380	450	70	18.4%	14	\$43.75	1
29-1062	Family and General Practitioners	310	360	50	16.1%	9	\$74.86	1
29-1111	Registered Nurses	4,500	5,360	860	19.1%	180	\$23.49	6
29-1122	Occupational Therapists	140	170	30	21.4%	5	\$30.25	3
29-1123	Physical Therapists	220	270	50	22.7%	7	\$33.01	3
29-1126	Respiratory Therapists	250	290	40	16.0%	12	\$20.68	6
29-1127	Speech-Language Pathologists	150	160	10	6.7%	5	\$26.80	3
29-2011	Medical and Clinical Laboratory Technologists	170	190	20	11.8%	7	\$22.47	5
29-2012	Medical and Clinical Laboratory Technicians	200	230	30	15.0%	8	\$16.10	6
29-2021	Dental Hygienists	190	250	60	31.6%	8	\$27.49	6
29-2034	Radiologic Technologists and Technicians	430	500	70	16.3%	15	\$20.37	6
29-2052	Pharmacy Technicians	380	450	70	18.4%	12	\$10.65	10
29-2055	Surgical Technologists	100	120	20	20.0%	3	\$15.18	7
29-2061	Licensed Practical & Licensed Vocat. Nurses	1,990	2,110	120	6.0%	55	\$16.04	7
29-2071	Medical Records & Health Info. Technicians	300	360	60	20.0%	10	\$11.96	6
29-2081	Opticians, Dispensing	160	170	10	6.3%	4	\$14.39	9
31-0000	Healthcare Support Occupations	8,860	10,740	1,880	21.2%	319	\$10.25	NA
31-1011	Home Health Aides	1,740	2,570	830	47.7%	106	\$8.81	11
31-1012	Nursing Aides, Orderlies, and Attendants	4,800	5,250	450	9.4%	108	\$9.78	7
31-2021	Physical Therapist Assistants	210	270	60	28.6%	10	\$19.72	6
31-9091	Dental Assistants	420	540	120	28.6%	24	\$11.95	10
31-9092	Medical Assistants	660	920	260	39.4%	38	\$10.64	10
31-9094	Medical Transcriptionists	270	310	40	14.8%	9	\$12.67	7
31-9099	Healthcare Support Workers, All Other	210	230	20	9.5%	6	\$12.40	11
33-0000	Protective Service Occupations	3,850	3,960	110	2.9%	118	\$15.21	NA
33-1012	First-Line Superv./Mgrs of Police & Detectives	110	120	10	9.1%	5	\$29.38	8
33-2011	Fire Fighters	710	770	60	8.5%	27	\$15.36	9
33-3012	Correctional Officers and Jailers	550	540	-10	-1.8%	11	\$17.54	10
33-3051	Police and Sheriff's Patrol Officers	1,160	1,210	50	4.3%	35	\$16.83	9
33-9092	Lifeguards/Ski Patrol/Rec. Prot. Serv. Wrks	100	110	10	10.0%	8	\$7.23	11
35-0000	Food Preparation and Serving Related Occupations	20,450	21,480	1,030	5.0%	895	\$7.48	NA
35-1011	Chefs and Head Cooks	210	230	20	9.5%	8	\$16.25	8
35-1012	FL Sup/Mgrs of Food Prep. & Serving Workers	1,260	1,340	80	6.3%	38	\$11.71	8
35-2011	Cooks, Fast Food	2,630	2,770	140	5.3%	96	\$6.77	11

*Occupations with 100 or more workers.

**See last page.

+See last page for Education and Training Levels.

++Annual earnings, typically 9 1/2 months for school teachers.

**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
35-2012	Cooks, Institution and Cafeteria	1,440	1,410	-30	-2.1%	45	\$9.13	10
35-2014	Cooks, Restaurant	1,500	1,610	110	7.3%	57	\$8.25	9
35-2015	Cooks, Short Order	210	220	10	4.8%	8	\$7.65	11
35-2021	Food Preparation Workers	1,950	2,130	180	9.2%	87	\$7.70	11
35-3011	Bartenders	850	900	50	5.9%	38	\$7.17	11
35-3021	Comb. Food Prep. & Serv. Work, inc. Fast Food	3,580	3,810	230	6.4%	178	\$6.61	11
35-3022	Counter Attend., Café/Food Concess/Coffee Sh.	540	590	50	9.3%	40	\$6.57	11
35-3031	Waiters and Waitresses	4,130	4,420	290	7.0%	241	\$6.54	11
35-3041	Food Servers, Nonrestaurant	270	270	0	0.0%	9	\$8.35	11
35-9011	Dining Room & Cafeteria Attend. & Bar Helpers	430	450	20	4.7%	16	\$6.61	11
35-9021	Dishwashers	900	960	60	6.7%	36	\$6.82	11
35-9031	Hosts & Hostesses, Rest./Lounge/Coffee Shop	460	490	30	6.5%	18	\$7.20	11
37-0000	Building & Grounds Cleaning & Maintenance Occup.	8,150	8,820	670	8.2%	231	\$9.84	NA
37-1011	FL Sup/Mgrs of Housekping & Janitorial Workers	220	250	30	13.6%	8	\$13.75	8
37-1012	FL Sup/Mgrs of Lndscap./Lawn Ser/Groundskp	160	180	20	12.5%	4	\$17.71	8
37-2011	Janitors & Cleaners, ex. Maids/Hsekpning Clean.	3,690	4,140	450	12.2%	115	\$10.31	11
37-2012	Maids and Housekeeping Cleaners	2,020	1,960	-60	-3.0%	42	\$8.26	11
37-3011	Landscaping and Groundskeeping Workers	1,770	1,940	170	9.6%	56	\$9.11	11
39-0000	Personal Care and Service Occupations	6,080	6,780	700	11.5%	211	\$9.19	NA
39-1021	First-Line Sup/Mgrs of Personal Serv. Workers	230	260	30	13.0%	9	\$18.39	8
39-2021	Nonfarm Animal Caretakers	150	180	30	20.0%	7	\$7.71	11
39-3091	Amusement and Recreation Attendants	360	420	60	16.7%	16	\$8.27	11
39-4021	Funeral Attendants	110	130	20	18.2%	4	\$10.19	11
39-5012	Hairdressers, Hairstylists and Cosmetologists	1,350	1,530	180	13.3%	44	\$10.86	7
39-9011	Child Care Workers	1,530	1,530	0	0.0%	42	\$9.53	11
39-9021	Personal and Home Care Aides	840	1,040	200	23.8%	33	\$8.48	11
39-9031	Fitness Trainers and Aerobics Instructors	200	230	30	15.0%	8	\$10.32	7
39-9032	Recreation Workers	490	530	40	8.2%	15	\$9.18	11
41-0000	Sales and Related Occupations	25,180	26,630	1,450	5.8%	1,001	\$12.39	NA
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	2,890	2,920	30	1.0%	55	\$17.31	8
41-1012	First-Line Sup./Mgrs of Non-Retail Sales Workers	550	540	-10	-1.8%	10	\$29.94	8
41-2011	Cashiers	7,430	7,410	-20	-0.3%	361	\$8.00	11
41-2021	Counter and Rental Clerks	610	730	120	19.7%	35	\$9.74	11
41-2022	Parts Salespersons	660	580	-80	-12.1%	19	\$12.64	10
41-2031	Retail Salespersons	7,230	8,220	990	13.7%	362	\$10.52	11
41-3011	Advertising Sales Agents	220	240	20	9.1%	6	\$22.78	10
41-3021	Insurance Sales Agents	890	940	50	5.6%	26	\$25.70	5
41-3031	Securities/Commodities/Fin. Serv. Sales Agents	130	140	10	7.7%	3	\$30.15	5
41-4011	Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	310	340	30	9.7%	11	\$30.26	10
41-4012	Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod.	1,790	1,900	110	6.1%	58	\$28.82	10
43-0000	Office and Administrative Support Occupations	30,810	30,710	-100	-0.3%	758	\$12.14	NA
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	1,400	1,400	0	0.0%	30	\$17.84	8
43-2011	Switchboard Operators, inc. Answering Service	210	190	-20	-9.5%	5	\$10.06	11
43-3011	Bill and Account Collectors	250	280	30	12.0%	8	\$11.98	11
43-3021	Billing & Posting Clerks & Machine Operators	1,020	1,010	-10	-1.0%	17	\$11.67	10
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,810	2,790	-20	-0.7%	53	\$12.45	10
43-3051	Payroll and Timekeeping Clerks	310	330	20	6.5%	10	\$12.93	10
43-3071	Tellers	1,730	1,860	130	7.5%	98	\$9.56	11
43-4031	Court, Municipal, and License Clerks	250	260	10	4.0%	7	\$13.76	11
43-4051	Customer Service Representatives	1,630	1,870	240	14.7%	48	\$13.64	10
43-4081	Hotel, Motel and Resort Desk Clerks	280	310	30	10.7%	16	\$8.37	11
43-4111	Interviewers, except Eligibility and Loan	290	320	30	10.3%	11	\$12.03	11
43-4121	Library Assistants, Clerical	800	800	0	0.0%	32	\$9.54	11

*Occupations with 100 or more workers.

**See last page.

+See last page for Education and Training Levels.

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**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
43-4131	Loan Interviewers and Clerks	150	140	-10	-6.7%	2	\$15.04	11
43-4141	New Accounts Clerks	200	200	0	0.0%	5	\$13.05	8
43-4151	Order Clerks	380	270	-110	-28.9%	9	\$12.21	11
43-4161	Human Resources Assis., ex. Payroll & Timekp	220	250	30	13.6%	8	\$13.88	11
43-4171	Receptionists and Information Clerks	1,440	1,650	210	14.6%	57	\$9.35	11
43-5031	Police, Fire, and Ambulance Dispatchers	250	260	10	4.0%	6	\$15.94	10
43-5032	Dispatchers, except Police, Fire and Ambulance	190	200	10	5.3%	5	\$13.68	10
43-5051	Postal Service Clerks	130	120	-10	-7.7%	3	\$23.22	11
43-5052	Postal Service Mail Carriers	740	700	-40	-5.4%	23	\$21.02	11
43-5053	Postal Service Mail Sorters/Proc/Proc Mach. Op.	210	190	-20	-9.5%	5	\$18.93	11
43-5061	Production, Planning, and Expediting Clerks	440	450	10	2.3%	12	\$15.58	11
43-5071	Shipping, Receiving, and Traffic Clerks	1,260	1,220	-40	-3.2%	26	\$12.86	11
43-5081	Stock Clerks and Order Fillers	2,620	2,370	-250	-9.5%	97	\$9.47	11
43-6011	Executive Secretaries & Administrative Assistants	1,370	1,430	60	4.4%	32	\$16.46	10
43-6012	Legal Secretaries	270	290	20	7.4%	7	\$12.71	7
43-6013	Medical Secretaries	1,080	1,140	60	5.6%	27	\$11.19	7
43-6014	Secretaries, except Legal, Medical & Executive	2,890	2,690	-200	-6.9%	55	\$11.47	10
43-9021	Data Entry Keyers	200	200	0	0.0%	5	\$9.07	10
43-9041	Insurance Claims and Policy Processing Clerks	250	260	10	4.0%	5	\$15.23	10
43-9061	Office Clerks, General	4,090	4,130	40	1.0%	95	\$9.94	11
45-0000	Farming, Fishing, and Forestry Occupations	1,020	960	-60	-5.9%	26	\$11.37	NA
45-2092	Farmworkers/Laborers, Crop/Nursery/Greenhse	130	130	0	0.0%	4	\$10.78	11
45-4022	Logging Equipment Operators	140	120	-20	-14.3%	3	\$10.64	10
47-0000	Construction and Extraction Occupations	14,020	15,610	1,590	11.3%	424	\$17.09	NA
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	910	1,020	110	12.1%	27	\$27.20	8
47-2021	Brickmasons and Blockmasons	210	240	30	14.3%	6	\$18.47	9
47-2031	Carpenters	2,750	3,100	350	12.7%	80	\$14.05	9
47-2051	Cement Masons and Concrete Finishers	370	430	60	16.2%	14	\$18.04	10
47-2061	Construction Laborers	1,320	1,350	30	2.3%	21	\$17.44	10
47-2073	Operating Engineers & Other Con. Equip. Op.	980	1,070	90	9.2%	34	\$16.09	10
47-2111	Electricians	1,220	1,320	100	8.2%	34	\$18.55	9
47-2121	Glaziers	200	210	10	5.0%	5	\$16.61	9
47-2141	Painters, Construction and Maintenance	240	270	30	12.5%	7	\$13.03	10
47-2152	Plumbers, Pipefitters and Steamfitters	700	800	100	14.3%	26	\$20.83	9
47-2181	Roofers	370	430	60	16.2%	15	\$14.32	10
47-2211	Sheet Metal Workers	320	350	30	9.4%	11	\$21.68	9
47-2221	Structural Iron and Steel Workers	180	200	20	11.1%	6	\$24.51	9
47-4011	Construction and Building Inspectors	170	190	20	11.8%	6	\$27.77	8
47-4051	Highway Maintenance Workers	1,610	1,820	210	13.0%	44	\$14.81	10
47-5021	Earth Drillers, except Oil and Gas	110	120	10	9.1%	3	\$15.31	10
49-0000	Installation, Maintenance, and Repair Occupations	10,590	11,010	420	4.0%	290	\$16.36	NA
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	820	860	40	4.9%	25	\$23.54	8
49-3021	Automotive Body and Related Repairers	390	430	40	10.3%	12	\$14.55	9
49-3023	Automotive Service Technicians and Mechanics	1,470	1,630	160	10.9%	55	\$16.66	7
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	650	730	80	12.3%	25	\$15.30	7
49-3042	Mobile Heavy Equip. Mechanics, ex. Engines	260	280	20	7.7%	8	\$19.49	7
49-3093	Tire Repairers and Changers	450	430	-20	-4.4%	19	\$11.93	11
49-9021	Heating, AC, & Refrigeration Mechanics/Installers	350	420	70	20.0%	12	\$16.89	9
49-9041	Industrial Machinery Mechanics	530	530	0	0.0%	11	\$17.19	9
49-9042	Maintenance and Repair Workers, General	2,770	2,850	80	2.9%	61	\$14.44	10
49-9043	Maintenance Workers, Machinery	320	320	0	0.0%	7	\$15.43	11
49-9051	Electrical Power-Line Installers and Repairers	200	180	-20	-10.0%	6	\$25.83	9
49-9052	Telecommunications Line Installers & Repairers	170	180	10	5.9%	6	\$19.83	9

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**See last page.

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**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
49-9091	Coin/Vending/Amusement Machine Serv/Repair	140	130	-10	-7.1%	3	\$13.70	10
49-9098	Helpers--Installation/Maintenance/Repair Workers	160	180	20	12.5%	7	\$9.50	11
49-9099	Installation/Maintenance/Repair Workers, AO	240	260	20	8.3%	7	\$13.65	10
51-0000	Production Occupations	29,130	26,930	-2,200	-7.6%	706	\$14.25	NA
51-1011	FL Sup/Mgrs of Production/Operating Workers	2,240	2,170	-70	-3.1%	47	\$22.01	8
51-2041	Structural Metal Fabricators and Fitters	170	170	0	0.0%	4	\$15.21	10
51-2092	Team Assemblers	2,740	2,670	-70	-2.6%	71	\$11.73	10
51-2099	Assemblers and Fabricators, All Other	340	310	-30	-8.8%	9	\$9.33	10
51-3011	Bakers	440	480	40	9.1%	14	\$10.80	9
51-3092	Food Batchmakers	130	130	0	0.0%	3	\$10.20	11
51-4011	Computer-Controlled Machine Tool Oper., M/P	590	530	-60	-10.2%	10	\$13.24	10
51-4021	Extruding & Drawing Machine Setters, O/T, M/P	360	260	-100	-27.8%	12	\$13.97	10
51-4023	Rolling Machine Setters/Operators/Tenders, M/P	400	360	-40	-10.0%	9	\$15.36	10
51-4031	Cutting/Punching/Press Machine S/O/T, M/P	800	600	-200	-25.0%	19	\$13.74	10
51-4032	Drilling & Boring Machine Tool Setters, O/T, M/P	130	110	-20	-15.4%	4	\$17.77	10
51-4033	Grind/Lapping/Polish/Buf Mach. Tool S/O/T, M/P	390	310	-80	-20.5%	8	\$14.18	10
51-4034	Lathe & Turning Machine Tool Setters, O/T, M/P	400	340	-60	-15.0%	8	\$17.35	10
51-4041	Machinists	980	950	-30	-3.1%	23	\$14.86	9
51-4051	Metal-Refining Furnace Operators and Tenders	150	120	-30	-20.0%	3	\$15.74	10
51-4052	Pourers and Casters, Metal	250	200	-50	-20.0%	6	\$14.60	10
51-4072	Molding/Coremaking/Casting Mach. S/O/T, M/P	670	530	-140	-20.9%	17	\$13.55	10
51-4111	Tool and Die Makers	230	210	-20	-8.7%	5	\$17.86	9
51-4121	Welders, Cutters, Solderers, and Brazers	920	930	10	1.1%	27	\$14.86	9
51-4199	Metal Workers and Plastic Workers, All Other	150	130	-20	-13.3%	4	\$17.37	10
51-5022	Prepress Technicians and Workers	130	120	-10	-7.7%	3	\$13.73	7
51-5023	Printing Machine Operators	330	300	-30	-9.1%	8	\$11.22	10
51-6011	Laundry and Dry-Cleaning Workers	460	490	30	6.5%	15	\$8.84	10
51-6021	Pressers, Textile, Garment & Related Materials	140	130	-10	-7.1%	2	\$7.90	11
51-6099	Textile/Apparel/Furnishings Workers, All Other	190	170	-20	-10.5%	5	\$13.44	11
51-7041	Sawing Mach. Setters/Operators/Tenders, Wood	600	500	-100	-16.7%	17	\$13.35	10
51-8031	Water/Liquid Waste Treatment Plant/System Op.	300	320	20	6.7%	12	\$16.67	9
51-9011	Chemical Equipment Operators and Tenders	120	110	-10	-8.3%	4	\$19.41	10
51-9023	Mixing/Blending Mach. Setter/Operator/Tenders	420	400	-20	-4.8%	11	\$13.97	10
51-9031	Cutters and Trimmers, Hand	150	150	0	0.0%	3	\$12.82	11
51-9032	Cutting/Slicing Mach. Setters/Operators/Tenders	300	290	-10	-3.3%	6	\$14.03	10
51-9041	Extrud/Form/Pressing/Compacting Mach. S/O/T	1,040	890	-150	-14.4%	27	\$15.45	10
51-9051	Furnace/Kiln/Oven/Drier/Kettle Oper./Tenders	240	210	-30	-12.5%	6	\$14.42	10
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	1,170	1,010	-160	-13.7%	27	\$14.89	10
51-9111	Packaging & Filling Machine Operators/Tenders	430	400	-30	-7.0%	9	\$12.09	11
51-9121	Coating/Painting/Spraying Machine Setters, O/T	260	250	-10	-3.8%	7	\$13.57	10
51-9123	Painting, Coating, and Decorating Workers	130	130	0	0.0%	3	\$17.43	11
51-9195	Molders/Shapers/Casters, ex. Metal & Plastic	120	110	-10	-8.3%	3	\$13.42	10
51-9196	Paper Goods Mach. Setters/Operators/Tenders	240	230	-10	-4.2%	5	\$12.38	10
51-9198	Helpers--Production Workers	1,750	1,720	-30	-1.7%	49	\$12.93	11
51-9199	Production Workers, All Other	1,050	910	-140	-13.3%	25	\$15.84	10
53-0000	Transportation and Material Moving Occupations	20,160	20,820	660	3.3%	497	\$12.86	NA
53-1021	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	360	360	0	0.0%	8	\$20.26	8
53-1031	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	440	510	70	15.9%	17	\$25.48	8
53-3022	Bus Drivers, School	850	920	70	8.2%	26	\$10.24	11
53-3031	Driver/Sales Workers	1,220	1,320	100	8.2%	30	\$11.40	11
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,100	4,440	340	8.3%	101	\$16.62	10
53-3033	Truck Drivers, Light or Delivery Services	2,570	2,850	280	10.9%	52	\$13.48	11
53-3099	Motor Vehicle Operators, All Other	220	250	30	13.6%	6	\$8.33	11

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**East Central Ohio - Economic Development Region 10
Occupational* Employment Projections Report, 2004-2014**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**	Education Training Level+
		2004 Annual	2014 Projected	2004 - 2014	Percent			
53-6031	Service Station Attendants	170	180	10	5.9%	9	\$7.75	11
53-7021	Crane and Tower Operators	190	180	-10	-5.3%	4	\$16.45	9
53-7032	Excavating & Loading Machine & Dragline Oper.	270	290	20	7.4%	10	\$15.96	10
53-7051	Industrial Truck and Tractor Operators	1,520	1,500	-20	-1.3%	29	\$12.33	11
53-7061	Cleaners of Vehicles and Equipment	720	730	10	1.4%	26	\$8.61	11
53-7062	Laborers/Freight/Stock/Material Movers, Hand	4,250	4,250	0	0.0%	139	\$10.32	11
53-7063	Machine Feeders and Offbearers	370	290	-80	-21.6%	10	\$11.76	11
53-7064	Packers and Packagers, Hand	1,630	1,630	0	0.0%	31	\$9.66	11
53-7081	Refuse and Recyclable Material Collectors	140	140	0	0.0%	4	\$11.70	11

+ Education/Training Levels

- 1 First Professional Degree
- 2 Doctoral Degree
- 3 Master's Degree
- 4 Bachelor's or Higher Degree, plus Work Experience
- 5 Bachelor's Degree
- 6 Associate Degree
- 7 Postsecondary Vocational Award
- 8 Work Experience in a Related Occupation
- 9 Long-Term On-The-Job Training
- 10 Moderate-Term On-The-Job Training
- 11 Short-Term On-The-Job Training
- NA Not Available/Applicable

**May 2005 wages aged to April 2006. *Statewide wages used where EDR not available.*

****Abbreviations**

- AO = All Other
- FL Sup/Mgrs = First-Line Supervisors/Managers
- M/P = Metal and Plastic
- O/T = Operators and Tenders
- S/O/T = Setters, Operators and Tenders

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2007.

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East Central Ohio - Economic Development Region 10
Occupations with High Employment Prospects By Education/Training Level
(Occupations paying \$12.00 or more an hour and having at least 10 annual openings)

Code	Occupational Title*	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**
		2004 Annual	2014 Projected	2004 - 2014	Percent		
Occupations Requiring Short-Term On-the-Job Training (up to one month)							
43-4111	Interviewers, except Eligibility and Loan	290	320	30	10.3%	11	\$12.03
43-5052	Postal Service Mail Carriers	740	700	-40	-5.4%	23	\$21.02
43-5061	Production, Planning, and Expediting Clerks	440	450	10	2.3%	12	\$15.58
43-5071	Shipping, Receiving, and Traffic Clerks	1,260	1,220	-40	-3.2%	26	\$12.86
51-9198	Helpers--Production Workers	1,750	1,720	-30	-1.7%	49	\$12.93
53-3033	Truck Drivers, Light or Delivery Services	2,570	2,850	280	10.9%	52	\$13.48
53-7051	Industrial Truck and Tractor Operators	1,520	1,500	-20	-1.3%	29	\$12.33
Occupations Requiring Moderate-Term On-the-Job Training (one to twelve months combined experience/training)							
33-3012	Correctional Officers and Jailers	550	540	-10	-1.8%	11	\$17.54
41-2022	Parts Salespersons	660	580	-80	-12.1%	19	\$12.64
41-4011	Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	310	340	30	9.7%	11	\$30.26
41-4012	Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod.	1,790	1,900	110	6.1%	58	\$28.82
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,810	2,790	-20	-0.7%	53	\$12.45
43-3051	Payroll and Timekeeping Clerks	310	330	20	6.5%	10	\$12.93
43-4051	Customer Service Representatives	1,630	1,870	240	14.7%	48	\$13.64
43-6011	Executive Secretaries & Administrative Assistants	1,370	1,430	60	4.4%	32	\$16.46
47-2051	Cement Masons and Concrete Finishers	370	430	60	16.2%	14	\$18.04
47-2061	Construction Laborers	1,320	1,350	30	2.3%	21	\$17.44
47-2073	Operating Engineers & Other Con. Equip. Op.	980	1,070	90	9.2%	34	\$16.09
47-2181	Roofers	370	430	60	16.2%	15	\$14.32
47-4051	Highway Maintenance Workers	1,610	1,820	210	13.0%	44	\$14.81
49-9042	Maintenance and Repair Workers, General	2,770	2,850	80	2.9%	61	\$14.44
51-4011	Computer-Controlled Machine Tool Oper., M/P	590	530	-60	-10.2%	10	\$13.24
51-4021	Extruding & Drawing Machine Setters, O/T, M/P	360	260	-100	-27.8%	12	\$13.91
51-4031	Cutting/Punching/Press Machine S/O/T, M/P	800	600	-200	-25.0%	19	\$13.74
51-4072	Molding/Coremaking/Casting Mach. S/O/T, M/P	670	530	-140	-20.9%	17	\$13.55
51-7041	Sawing Mach. Setters/Operators/Tenders, Wood	600	500	-100	-16.7%	17	\$13.35
51-9023	Mixing/Blending Mach. Setter/Operator/Tenders	420	400	-20	-4.8%	11	\$13.97
51-9041	Extrud/Form/Pressing/Compacting Mach. S/O/T	1,040	890	-150	-14.4%	27	\$15.45
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	1,170	1,010	-160	-13.7%	27	\$14.89
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,100	4,440	340	8.3%	101	\$16.62
53-7032	Excavating & Loading Machine & Dragline Oper.	270	290	20	7.4%	10	\$15.96
Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training)							
27-2022	Coaches and Scouts	480	530	50	10.4%	14	\$37,922+
33-2011	Fire Fighters	710	770	60	8.5%	27	\$15.36
33-3051	Police and Sheriff's Patrol Officers	1,160	1,210	50	4.3%	35	\$16.83
47-2031	Carpenters	2,750	3,100	350	12.7%	80	\$14.05
47-2111	Electricians	1,220	1,320	100	8.2%	34	\$18.55
47-2152	Plumbers, Pipefitters and Steamfitters	700	800	100	14.3%	26	\$20.83
47-2211	Sheet Metal Workers	320	350	30	9.4%	11	\$27.68
49-3021	Automotive Body and Related Repairers	390	430	40	10.3%	12	\$14.55
49-9021	Heating, AC, & Refrigeration Mechanics/Installers	350	420	70	20.0%	12	\$16.89
49-9041	Industrial Machinery Mechanics	530	530	0	0.0%	11	\$17.19
51-4041	Machinists	980	950	-30	-3.1%	23	\$14.86
51-4121	Welders, Cutters, Solderers, and Brazers	920	930	10	1.1%	27	\$14.86
51-8031	Water/Liquid Waste Treatment Plant/System Op.	300	320	20	6.7%	12	\$16.67
Occupations Requiring Work Experience in a Related Occupation							
11-9051	Food Service Managers	670	690	20	3.0%	13	\$20.29

East Central Ohio - Economic Development Region 10
Occupations with High Employment Prospects By Education/Training Level
(Occupations paying \$12.00 or more an hour and having at least 10 annual openings)

Code	Occupational Title*	Employment		Change in Employment		Total Annual Openings	Average Wage 2006**
		2004 Annual	2014 Projected	2004 - 2014	Percent		
13-1051	Cost Estimators	390	450	60	15.4%	15	\$24.45
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	2,890	2,920	30	1.0%	55	\$17.31
41-1012	First-Line Sup./Mgrs of Non-Retail Sales Workers	550	540	-10	-1.8%	10	\$29.94
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	1,400	1,400	0	0.0%	30	\$17.84
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	910	1,020	110	12.1%	27	\$27.20
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	820	860	40	4.9%	25	\$23.54
51-1011	FL Sup/Mgrs of Production/Operating Workers	2,240	2,170	-70	-3.1%	47	\$22.01
53-1031	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	440	510	70	15.9%	17	\$25.48
Occupations Requiring Postsecondary Vocational Training							
29-2061	Licensed Practical & Licensed Vocat. Nurses	1,990	2,110	120	6.0%	55	\$16.04
49-3023	Automotive Service Technicians and Mechanics	1,470	1,630	160	10.9%	55	\$16.66
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	650	730	80	12.3%	25	\$15.30
Occupations Requiring an Associate Degree							
29-1111	Registered Nurses++	4,500	5,360	860	19.1%	180	\$23.49
29-1126	Respiratory Therapists	250	290	40	16.0%	12	\$20.68
29-2034	Radiologic Technologists and Technicians	430	500	70	16.3%	15	\$20.37
31-2021	Physical Therapist Assistants	210	270	60	28.6%	10	\$19.72
Occupations Requiring a Bachelor's Degree							
13-2011	Accountants and Auditors	1,230	1,390	160	13.0%	39	\$24.48
15-1031	Computer Software Engineers, Applications	300	440	140	46.7%	17	\$35.22
17-2112	Industrial Engineers	340	370	30	8.8%	11	\$29.85
21-1021	Child, Family and School Social Workers	350	390	40	11.4%	10	\$17.52
21-1022	Medical and Public Health Social Workers	390	440	50	12.8%	12	\$19.80
25-2021	Elementary School Teachers, ex.Special Ed.	2,840	3,080	240	8.5%	87	\$43,290+
25-2022	Middle School Teachers, ex. Special & Voc. Ed.	1,160	1,200	40	3.4%	30	\$43,916+
25-2031	Secondary Sch. Teachers, ex. Spec. & Voc. Ed.	2,320	2,460	140	6.0%	79	\$43,973+
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch.	460	550	90	19.6%	20	\$42,171+
25-2042	Special Education Teachers, Middle School	250	290	40	16.0%	10	\$44,918+
25-2043	Special Education Teachers, Secondary School	510	560	50	9.8%	17	\$45,397+
41-3021	Insurance Sales Agents	890	940	50	5.6%	26	\$25.70
Occupations Requiring Work Experience plus a Bachelor's Degree							
11-1011	Chief Executives	580	610	30	5.2%	14	\$57.77
11-1021	General and Operations Managers	2,040	2,210	170	8.3%	55	\$39.78
11-9111	Medical and Health Services Managers	350	390	40	11.4%	11	\$32.39
25-2032	Vocational Education Teachers, Secondary Sch.	280	300	20	7.1%	10	\$48,085+
Occupations Requiring a First Professional Degree							
29-1051	Pharmacists	380	450	70	18.4%	14	\$43.75

***Abbreviations**

FL Sup/Mgrs = First-Line Supervisors/Managers

M/P = Metal and Plastic

O/T = Operators and Tenders

S/O/T = Setters, Operators and Tenders

**May 2005 wages aged to April 2006. *Statewide wages used where EDR not available.*

+Annual earnings, typically 9 1/2 months for school teachers.

++Training is met through a two-year associate degree; a three-year diploma; or a four-year bachelor's degree.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2007

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A		B	
Abstractors, Title Examiners, and Searchers	23-2093	Baggage Porters and Bellhops	39-6011
AC, Heating, & Refrigeration Mechanics/Installers	49-9021	Bailiffs	33-3011
Accountants and Auditors	13-2011	Bakers	51-3011
Accounting, Bookkeeping, and Auditing Clerks	43-3031	Bar Helpers & Dining Room & Cafeteria Attend.	35-9011
Actors	27-2011	Barbers	39-5011
Actuaries	15-2011	Bartenders	35-3011
Adjudicators, Admin. Law Judges, & Hearing Off.	23-1021	Behavioral Dis. & Substance Abuse Counselors	21-1011
Admin. Assistants & Executive Secretaries	43-6011	Bellhops and Baggage Porters	39-6011
Admin. Law Judges, Adjudicators, & Hearing Off.	23-1021	Bench Carpenters and Cabinetmakers	51-7011
Administrative Services Managers	11-3011	Benefits, Comp., & Job Analysis Specialists	13-1072
Aduiting, Bookkeeping, and Accounting Clerks	43-3031	Bicycle Repairers	49-3091
Adult Literacy, Remedial Ed., & GED Teachers	25-3011	Bill and Account Collectors	43-3011
Advertising and Promotions Managers	11-2011	Billing & Posting Clerks & Machine Operators	43-3021
Advertising Sales Agents	41-3011	Bindery Workers	51-5011
Aerobics Instructors and Fitness Trainers	39-9031	Biochemists and Biophysicists	19-1021
Aerospace Engineering & Operations Tech.	17-3021	Biological Science Teachers, Postsecondary	25-1042
Aerospace Engineers	17-2011	Biological Technicians	19-4021
Agents/Business Mgrs. Artists/Performer/Athlete	13-1011	Biomedical Engineers	17-2031
Agricultural and Food Science Technicians	19-4011	Blasters, Explosives & Ordinance Handling	47-5031
Agricultural and Food Scientists	19-1010	Boilermakers	47-2011
Agricultural Equipment Operators	45-2091	Bookbinders	51-5012
Agricultural Inspectors	45-2011	Bookkeeping, Accounting, and Auditing Clerks	43-3031
Air Traffic Controllers	53-2021	Boring & Drilling Machine Tool Setters, O/T, M/P	51-4032
Aircraft Cargo Handling Supervisors	53-1011	Brazers, Welders, Cutters, and Solderers	51-4121
Aircraft Mechanics and Service Technicians	49-3011	Brick/Block/Stone/Tile & Marble Setters--Helpers	47-3011
Aircraft Structure/Surfaces/Rigging/Sys. Assemb.	51-2011	Brickmasons and Blockmasons	47-2021
Airline Pilots, Copilots, and Flight Engineers	53-2011	Broadcast Technicians	27-4012
Ambulance Drivers & Attendants, Except EMT	53-3011	Brokerage Clerks	43-4011
Ambulance, Police, and Fire Dispatchers	43-5031	Budget Analysts	13-2031
Amusement and Recreation Attendants	39-3091	Building & Grounds Cleaning & Maint. Work., AO	37-9099
Amusement/Coin/Vending Machine Serv/Repair	49-9091	Building and Construction Inspectors	47-4011
Anesthesiologists	29-1061	Bus & Truck Mechanics & Diesel Engine Spec.	49-3031
Animal Breeders	45-2021	Bus Drivers, School	53-3022
Animal Control Workers	33-9011	Bus Drivers, Transit and Intercity	53-3021
Animators and Multi-Media Artists	27-1014	Business Mgrs./Agents Artist/Performer/Athlete	13-1011
Announcers	27-3010	Business Operations Specialists, All Other	13-1199
Answering Service and Switchboard Operators	43-2011	Business Teachers, Postsecondary	25-1011
Apparel and Fabric Patternmakers	51-6092	Butchers and Meat Cutters	51-3021
Appraisers and Assessors of Real Estate	13-2021	Buyers and Purchasing Agents, Farm Products	13-1021
Arbitrators, Mediators, and Conciliators	23-1022		
Architects, Except Landscape and Naval	17-1011	C	
Architectural and Civil Drafters	17-3011	Cabinetmakers and Bench Carpenters	51-7011
Architecture Teachers, Postsecondary	25-1031	Calibrators/Timing Device Assemb./Adj.	51-2093
Archivists, Curators, and Museum Technicians	25-4010	Camera & Photographic Equipment Repairers	49-9061
Area, Ethnic, & Cultural Studies Teachers, Post.	25-1062	Camera Operators, TV, Video, & Motion Picture	27-4031
Art and Design Workers, All Other	27-1099	Captains, Mates, and Pilots of Water Vessels	53-5021
Art Directors	27-1011	Cardiovascular Technologists and Technicians	29-2031
Art, Drama, and Music Teachers, Postsecondary	25-1121	Cargo and Freight Agents	43-5011
Artists, Inc. Painters, Sculptors, & Illustrators	27-1013	Carpenters	47-2031
Assemblers and Fabricators, All Other	51-2099	Carpenter's Helpers	47-3012
Assessors and Appraisers of Real Estate	13-2021	Carpenters, Bench and Cabinetmakers	51-7011
Athletes and Sports Competitors	27-2021	Carpet Installers	47-2041
Athletic Trainers	29-9091	Cartographers and Photogrammetrists	17-1021
ATM, Computer, & Office Machine Repairers	49-2011	Cashiers	41-2011
Atmos./Earth/ Marine/Space Sci. Teachers, PS	25-1051	Casters and Pourers, Metal	51-4052
Atmospheric and Space Scientists	19-2021	Ceiling Tile and Drywall Installers	47-2081
Audio and Video Equipment Technicians	27-4011	Cement Masons and Concrete Finishers	47-2051
Audiologists	29-1121	Cementing/Gluing Machine Operators/Tenders	51-9191
Audio-Visual Collections Specialists	25-9011	Chauffeurs and Taxi Drivers	53-3041
Auditors and Accountants	13-2011	Chefs and Head Cooks	35-1011
Automotive Body and Related Repairers	49-3021	Chemical Engineers	17-2041
Automotive Glass Installers and Repairers	49-3022	Chemical Equipment Operators and Tenders	51-9011
Automotive Service Technicians and Mechanics	49-3023	Chemical Plant and System Operators	51-8091
Avionics Technicians	49-2091	Chemical Technicians	19-4031

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Chemistry Teachers, Postsecondary	25-1052	Cooks, Institution and Cafeteria	35-2012
Chemists	19-2031	Cooks, Restaurant	35-2014
Chief Executives	11-1011	Cooks, Short Order	35-2015
Child Care Workers	39-9011	Cooling/Freezing Equipment Operators/Tenders	51-9193
Child, Family, and School Social Workers	21-1021	Correct. Treatment & Probation Officers Spec.	21-1092
Child, Family, and School Social Workers	21-1021	Correctional Officers and Jailers	33-3012
Chiropractors	29-1011	Correctional Officers, First-Line Superv./Mgrs	33-1011
Choreographers	27-2032	Correspondence Clerks	43-4021
Civil and Architectural Drafters	17-3011	Correspondents, News Analysts and Reporters	27-3020
Civil Engineering Technicians	17-3022	Cosmetologists, Hairdressers, and Hairstylists	39-5012
Civil Engineers	17-2051	Cost Estimators	13-1051
Claims Adjusters, Examiners, and Investigators	13-1031	Costume Attendants	39-3092
Cleaners of Vehicles and Equipment	53-7061	Counseling, Clinical, and School Psychologists	19-3031
Cleaning/Washing/Metal Pickling Equipment O/T	51-9192	Counselors, Social, & Religious Work., All Other	21-9099
Clergy	21-2011	Counter and Rental Clerks	41-2021
Clinical Laboratory and Medical Technicians	29-2012	Counter Attend., Café/Food Concess/Coffee Sh.	35-3022
Clinical Laboratory and Medical Technologists	29-2011	Couriers and Messengers	43-5021
Clinical, Counseling, and School Psychologists	19-3031	Court Reporters	23-2091
Coaches and Scouts	27-2022	Court, Municipal, and License Clerks	43-4031
Coating, Painting, and Decorating Workers	51-9123	Crane and Tower Operators	53-7021
Coating/Painting/Spraying Machine Setters, O/T	51-9121	Credit Analysts	13-2041
Coating/Painting/Spraying Machine Setters, O/T	51-9121	Credit Authorizers, Checkers, and Clerks	43-4041
Coatroom/Locker Room/Dressing Rm Attendants	39-3093	Criminal Investigators and Detectives	33-3021
Coil Winders, Tapers, and Finishers	51-2021	Criminal Justice/Law Enforcement Teachers, PS	25-1111
Coin/Vending/Amusement Machine Serv/Repair	49-9091	Crossing Guards	33-9091
Collectors, Tax Examiners, & Revenue Agents	13-2081	Crushing/Grinding/Polishing Machine S/O/T	51-9021
Comb. Food Prep. & Serv. Work, Inc. Fast Food	35-3021	Cultural Studies Area, & Ethnic Teachers, Post.	25-1062
Commercial and Industrial Designers	27-1021	Curators, Archivists, and Museum Technicians	25-4010
Commercial Pilots	53-2012	Customer Service Representatives	43-4051
Communications Equipment Operators, All Other	43-2099	Cutters and Trimmers, Hand	51-9031
Communications Teachers, Postsecondary	25-1122	Cutters, Welders, Solderers, and Brazers	51-4121
Community Assn, Property, & Real Estate Mgrs	11-9141	Cutting/Punching/Press Machine S/O/T, M/P	51-4031
Comp. Software Engineers, Systems Software	15-1032	Cutting/Slicing Mach. Setters/Operators/Tenders	51-9032
Comp., Benefits, & Job Analysis Specialists	13-1072		
Compl. Off., Ex. Agric, Con, Hlth/Safety, & Trans.	13-1041	D	
Composers and Music Directors	27-2041	Dancers	27-2031
Computer and Information Scientists, Research	15-1011	Data Comm. & Network Systems Analysts	15-1081
Computer and Information Systems Managers	11-3021	Data Entry Keyers	43-9021
Computer Hardware Engineers	17-2061	Database Administrators	15-1061
Computer Operators	43-9011	Decorating, Painting, and Coating Workers	51-9123
Computer Programmers	15-1021	Dental Assistants	31-9091
Computer Science Teachers, Postsecondary	25-1021	Dental Hygienists	29-2021
Computer Software Engineers, Applications	15-1031	Dental Laboratory Technicians	51-9081
Computer Specialists, All Other	15-1099	Dentists	29-1020
Computer Support Specialists	15-1041	Derricks Operators, Oil and Gas	47-5011
Computer Systems Analysts	15-1051	Detectives and Criminal Investigators	33-3021
Computer Systems and Network Administrators	15-1071	Detectives and Investigators, Private	33-9021
Computer, ATM, & Office Machine Repairers	49-2011	Diagnostic Medical Sonographers	29-2032
Computer-Controlled Machine Tool Oper., M/P	51-4011	Dietetic Technicians	29-2051
Con. Trades/Extract. Work First-Line Sup/Mgrs	47-1011	Dietitians and Nutritionists	29-1031
Concierges	39-6012	Dining Room & Cafeteria Attend. & Bar Helpers	35-9011
Conciliators, Arbitrators, and Mediators	23-1022	Directors and Producers	27-2012
Concrete Finishers and Cement Masons	47-2051	Directors, Religious Activities and Education	21-2021
Conservation and Forest Technicians	19-4093	Dishwashers	35-9021
Conservation and Forest Workers	45-4011	Dispatchers, Except Police, Fire, & Ambulance	43-5032
Conservation Science & Forestry Teachers, PS	25-1043	Dispatchers, Police, Fire, and Ambulance	43-5031
Conservation Scientists	19-1031	Distribution, Transportation & Storage Managers	11-3071
Construction and Building Inspectors	47-4011	Dog Groomer	39-2021
Construction Laborers	47-2061	Door-To-Door Sales, News/St. Vendors, & Rel.	41-9091
Construction Managers	11-9021	Drafters, Engin., & Mapping Tech., All Other	17-3099
Construction Trades & Related Workers, AO	47-4999	Dragline & Excavating & Loading Machine Oper.	53-7032
Control & Valve Install/Repair, Ex. Mech. Door	49-9012	Drama, Art, and Music Teachers, Postsecondary	25-1121
Convention and Meeting Planners	13-1121	Dredge Operators	53-7031
Conveyor Operators and Tenders	53-7011	Dressing Rm/Locker Room/Coatroom Attendants	39-3093
Cooks, Fast Food	35-2011	Dressmakers, Tailors, and Custom Sewers	51-6052

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Drilling & Boring Machine Tool Setters, O/T, M/P	51-4032	F	
Driver/Sales Workers	53-3031	Fabric and Apparel Patternmakers	51-6092
Dry-Cleaning and Laundry Workers	51-6011	Fallers	45-4021
Drywall and Ceiling Tile Installers	47-2081	Family and General Practitioners	29-1062
		Family and Marriage Therapists	21-1013
E		Farm Equipment Mechanics	49-3041
Earth Drillers, Except Oil and Gas	47-5021	Farm, Ranch, and Other Agricultural Managers	11-9011
Earth/ Atmos/Marine/Space Sci. Teachers, PS	25-1051	Farmers and Ranchers	11-9012
Economics Teachers, Postsecondary	25-1063	Farming, Fishing, & Forestry Workers, All Other	45-9099
Economists	19-3011	Farming/Fishing/Forestry Wrks., FL Sup/Mgrs	45-1011
Editors	27-3041	Farmworkers, Farm and Ranch Animals	45-2093
Education Admin., Elem. & Secondary School	11-9032	Farmworkers/Laborers, Crop/Nursery/Greenhse	45-2092
Education Admin., Pre & Child Care Center/Prog.	11-9031	Fiberglass Laminators and Fabricators	51-2091
Education Administrators, Postsecondary	11-9033	File Clerks	43-4071
Education Teachers, Postsecondary	25-1081	Filling & Packaging Machine Operators/Tenders	51-9111
Education, and Religious Activities Directors	21-2021	Film and Video Editors	27-4032
Educational, Vocational, & School Counselors	21-1012	Financial Analysts	13-2051
Electric Motor, Power Tool, & Related Repairers	49-2092	Financial Examiners	13-2061
Electrical & Electronic Engineering Technicians	17-3023	Financial Managers	11-3031
Electrical & Electronic Equipment Assemblers	51-2022	Financial Specialists, All Other	13-2099
Electrical and Electronics Drafters	17-3012	Financial, Info., & Record Clerks, All Other	43-4999
Electrical Engineers	17-2071	Finishers, Coil Winders, and Tapers	51-2021
Electrical Power-Line Installers and Repairers	49-9051	Fire Alarm Systems and Security Installers	49-2098
Electrical/Electronic Equip Mech/Install/Repr, AO	49-2099	Fire Fighters	33-2011
Electrical/Electronics Install/Repair, Trans. Equip.	49-2093	Fire Fighting & Prev. Workers, FL Sup/Mgrs	33-1021
Electrical/Electronics Repair, Comm/Indus Equip.	49-2094	Fire Inspectors and Investigators	33-2021
Electrical/Electronics Repair, Pwrhse/Substa/Rly	49-2095	Fire, Police and Ambulance Dispatchers	43-5031
Electricians	47-2111	First-Line Sup./Mgrs of Non-Retail Sales Workers	41-1012
Electrician's Helpers	47-3013	First-Line Sup/Mgrs of Con. Trades/Extract. Work	47-1011
Electromechanical Equipment Assemblers	51-2023	First-Line Sup/Mgrs of Office & Admin. Support	43-1011
Electro-Mechanical Technicians	17-3024	First-Line Sup/Mgrs of Personal Serv. Workers	39-1021
Electronic Equipment Install/Repair, Motor Veh.	49-2096	First-Line Sup/Mgrs, Protective Serv. Work., AO	33-1099
Electronic Home Entertainm Equip. Install/Repair	49-2097	First-Line Superv./Mgrs of Correctional Officers	33-1011
Electronics Engineers, Except Computer	17-2072	First-Line Superv./Mgrs of Police & Detectives	33-1012
Elementary School Teachers, Ex.Special Ed.	25-2021	First-Line Superv./Mgrs of Retail Sales Workers	41-1011
Elevator Installers and Repairers	47-4021	Fish, Meat, and Poultry Cutters and Trimmers	51-3022
Eligibility Interviewers, Government Programs	43-4061	Fitness Studies & Recreation Teachers, Post.	25-1193
Embalmers	39-4011	Fitness Trainers and Aerobics Instructors	39-9031
Emergency Management Specialists	13-1061	FL Sup/Mgr of Trans/Mat. -Mov. Mach & Veh Op	53-1031
Emergency Medical Technicians & Paramedics	29-2041	FL Sup/Mgrs of Farming/Fishing/Forestry Wrks.	45-1011
Empl., Recruitment, & Placement Specialists	13-1071	FL Sup/Mgrs of Fire Fighting & Prev. Workers	33-1021
Engine and Other Machine Assemblers	51-2031	FL Sup/Mgrs of Food Prep. & Serving Workers	35-1012
Engineering Managers	11-9041	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	53-1021
Engineering Teachers, Postsecondary	25-1032	FL Sup/Mgrs of Housekping & Janitorial Workers	37-1011
Engineers, All Other	17-2199	FL Sup/Mgrs of Lndscap./Lawn Ser/Groundskp	37-1012
English Language & Literature Teachers, Post.	25-1123	FL Sup/Mgrs of Mechanics/Installers/Repairers	49-1011
Engravers and Etchers	51-9194	FL Sup/Mgrs of Production/Operating Workers	51-1011
Entertain. & Perform., Sports & Rel. Work., AO	27-2099	Flight Attendants	39-6031
Environ. Science & Protection Tech., Inc. Health	19-4091	Flight Engineers, Airline Pilots, and Copilots	53-2011
Environmental Engineering Technicians	17-3025	Floor Layers, Ex. Carpet, Wood, & Hard Tiles	47-2042
Environmental Engineers	17-2081	Floor Sanders and Finishers	47-2043
Environmental Science Teachers, PS	25-1053	Floral Designers	27-1023
Environmental Scientists/Specialists, Inc. Health	19-2041	Food and Agricultural Scientists	19-1010
Etchers and Engravers	51-9194	Food Batchmakers	51-3092
Ethnic, Area, & Cultural Studies Teachers, Post.	25-1062	Food Cooking Machine Operators and Tenders	51-3093
Excavating & Loading Machine & Dragline Oper.	53-7032	Food Prep. & Serv. Work Comb., Inc. Fast Food	35-3021
Executive Secretaries & Admin. Assistants	43-6011	Food Prep. & Serving Related Workers, AO	35-9099
Exhibit and Set Designers	27-1027	Food Prep. & Serving Workers, FL Sup/Mgrs	35-1012
Explosives, Ordnance handling & Blasters	47-5031	Food Preparation Workers	35-2021
Extraction Workers' Helpers	47-5081	Food Processing Workers, All Other	51-3099
Extraction Workers, All Other	47-5099	Food Science and Agricultural Technicians	19-4011
Extrud/Form Mach. S/O/T, Synthetic/Glass Fibers	51-6091	Food Servers, Nonrestaurant	35-3041
Extrud/Form/Pressing/Compacting Mach. S/O/T	51-9041	Food Service Managers	11-9051
Extruding & Drawing Machine Setters, O/T, M/P	51-4021	Food/Tobacco Roast/Baking/ Drying Mach. O/T	51-3091
		Foreign Language & Literature Teachers, Post	25-1124

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Forensic Science Technicians	19-4092	History Teachers, Postsecondary	25-1125
Forest and Conservation Technicians	19-4093	Hoist and Winch Operators	53-7041
Forest and Conservation Workers	45-4011	Home Appliance Repairers	49-9031
Foresters	19-1032	Home Economics Teachers, Postsecondary	25-1192
Forestry & Conservation Science Teachers, PS	25-1043	Home Health Aides	31-1011
Forging Mach. Setters/Operators/Tenders, M/P	51-4022	Horse Groomer	45-2093
Forklift Operators	53-7051	Hosts & Hostesses, Rest./Lounge/Coffee Shop	35-9031
Form/Extrud Mach. S/O/T, Synthetic/Glass Fibers	51-6091	Hotel, Motel, and Resort Desk Clerks	43-4081
Foundry Mold and Coremakers	51-4071	House Parent	39-9041
Freezing/Cooling Equipment Operators/Tenders	51-9193	Housekeeping & Janitorial Workers, FL Sup/Mgrs	37-1011
Freight and Cargo Agents	43-5011	Human and Social Service Assistants	21-1093
Funeral Attendants	39-4021	Human Resources Assis., Ex. Payroll & Timekpw	43-4161
Funeral Directors	11-9061	Human Resources Managers	11-3040
Furnace/Kiln/Oven/Drier/Kettle Oper./Tenders	51-9051	Hydrologists	19-2043
Furniture Finishers	51-7021		
G			
Gas and Oil Derrick Operators	47-5011	Illustrators/Painters/Sculptors & Other Fine Artists	27-1013
Gas Compressor & Gas Pumping Station Oper.	53-7071	Industrial and Commercial Designers	27-1021
Gas Plant Operators	51-8092	Industrial Engineering Technicians	17-3026
GED, Adult Literacy, & Remedial Ed. Teachers	25-3011	Industrial Engineers	17-2112
General and Family Practitioners	29-1062	Industrial Machinery Mechanics	49-9041
General and Operations Managers	11-1021	Industrial-Organizational Psychologists	19-3032
Geography Teachers, Postsecondary	25-1064	Industrial Production Managers	11-3051
Geological and Petroleum Technicians	19-4041	Industrial Truck and Tractor Operators	53-7051
Geoscientists, Ex. Hydrologists & Geographers	19-2042	Information and Systems Managers	11-3021
Glaziers	47-2121	Information Clerks and Receptionists	43-4171
Gluing/Cementing Machine Operators/Tenders	51-9191	Inspectors/Testers/Sorters/Samplers/Weighers	51-9061
Golf Pro and Tennis Pro	27-2022	Installation/Maintenance/Repair Workers, AO	49-9099
Graders and Sorters, Agricultural Products	45-2041	Installation/Maintenance/Repair Workers--Helpers	49-9098
Graduate Teaching Assistants	25-1191	Installers/Mechanics/Repairers, FL Sup/Mgrs	49-1011
Graphic Designers	27-1024	Instructional Coordinators	25-9031
Grind/Lapping/Polish/Buf Mach.Tool S/O/T, M/P	51-4033	Insulation Workers	47-2130
Grinding and Polishing Workers, Hand	51-9022	Insurance Appraisers, Auto Damage	13-1032
Grinding/Crushing/Polishing Machine S/O/T	51-9021	Insurance Claims and Policy Processing Clerks	43-9041
Groundskeeping and Landscaping Workers	37-3011	Insurance Sales Agents	41-3021
Groundskp./Lndscap./Lawn Ser, FL Sup/Mgrs	37-1012	Insurance Underwriters	13-2053
Gynecologists and Obstetricians	29-1064	Interior Designers	27-1025
		Internists, General	29-1063
		Interpreters and Translators	27-3091
		Interviewers, Except Eligibility and Loan	43-4111
H			
Hairdressers, Hairstylists, and Cosmetologists	39-5012		
Hazardous Materials Removal Workers	47-4041	J	
Health Diagnosing & Treating Practitioners, AO	29-1199	Jailers and Correctional Officers	33-3012
Health Educators	21-1091	Janitorial & Housekeeping Workers, FL Sup/Mgrs	37-1011
Health Info. And Medical Records Technicians	29-2071	Janitors & Cleaners, Ex. Maids/Hsekeeping Clean.	37-2011
Health Professionals & Technicians, AO	29-9099	Jewelers & Precious Stone & Metal Workers	51-9071
Health Services and Medical Managers	11-9111	Job Analysis, Comp., & Benefits Specialists	13-1072
Health Specialties Teachers, Postsecondary	25-1071	Job Printers	51-5021
Healthcare Support Workers, All Other	31-9099	Judges, Magistrate Judges, and Magistrates	23-1023
Hearing Off., Admin. Law Judges, & Adjudicators	23-1021		
Heat Treating Equip. Setters, O/T, M/P	51-4191	K	
Heath & Safety Engineers, Ex. Mining Safety	17-2111	Kindergarten Teachers, Ex. Special Education	25-2012
Heating, AC, & Refrigeration Mechanics/Installers	49-9021		
Help/Labor/Mat. Movers, Hand, FL Sup/Mgrs	53-1021	L	
Helpers, Construction Trades, All Other	47-3019	Laborers/Freight/Stock/Material Movers, Hand	53-7062
Helpers--Brick/Block/Stone/Tile & Marble Setters	47-3011	Landscape Architects	17-1012
Helpers--Carpenters	47-3012	Landscaping and Groundskeeping Workers	37-3011
Helpers--Electricians	47-3013	Lathe & Turning Machine Tool Setters, O/T, M/P	51-4034
Helpers--Extraction Workers	47-5081	Laundry and Dry-Cleaning Workers	51-6011
Helpers--Installation/Maintenance/Repair Workers	49-9098	Law Clerks	23-2092
Helpers--Painters/Paper/Plasterers/Stucco Mas.	47-3014	Law Enforcement/Criminal Justice Teachers, PS	25-1111
Helpers--Pipelayers/Plumbers/Pipefitters/Steamf	47-3015	Law Teachers, Postsecondary	25-1112
Helpers--Production Workers	51-9198	Lawn Ser./Lndscap./Groundskp, FL Sup/Mgrs	37-1012
Helpers--Roofers	47-3016	Lawyers	23-1011
Highway Maintenance Workers	47-4051	Lay-Out Workers, Metal and Plastic	51-4192

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Leather and Shoe Workers and Repairers	51-6041	Mediators, Arbitrators, and Conciliators	23-1022
Legal and Related Workers, All Other	23-9099	Medical and Clinical Laboratory Technicians	29-2012
Legal Assistants and Paralegals	23-2011	Medical and Clinical Laboratory Technologists	29-2011
Legal Secretaries	43-6012	Medical and Health Services Managers	11-9111
Legislators	11-1031	Medical and Public Health Social Workers	21-1022
Lib., Museum, Training, & Other Ed. Work., AO	25-9199	Medical Appliance Technicians	51-9082
Librarians	25-4021	Medical Assistants	31-9092
Library Assistants, Clerical	43-4121	Medical Equipment Preparers	31-9093
Library Science Teachers, Postsecondary	25-1082	Medical Equipment Repairers	49-9062
Library Technicians	25-4031	Medical Records & Health Info. Technicians	29-2071
License, Court, and Municipal Clerks	43-4031	Medical Scientists, Except Epidemiologists	19-1042
Licensed Practical & Licensed Vocat. Nurses	29-2061	Medical Secretaries	43-6013
Life Scientists, All Other	19-1099	Medical Transcriptionists	31-9094
Life, Physical, & Social Science Tech., All Other	19-4099	Meeting and Convention Planners	13-1121
Lndscap./Lawn Ser/Groundskp, FL Sup/Mgrs	37-1012	Mental Health & Substance Abuse Social Work.	21-1023
Loading Machine & Excavating & Dragline Oper.	53-7032	Mental Health Counselors	21-1014
Loan Counselors	13-2071	Merchandise Displayers and Window Trimmers	27-1026
Loan Interviewers and Clerks	43-4131	Messengers and Couriers	43-5021
Loan Officers	13-2072	Metal Workers and Plastic Workers, All Other	51-4199
Locker Room/Coatroom/Dressing Rm Attendants	39-3093	Metal-Refining Furnace Operators and Tenders	51-4051
Locksmiths and Safe Repairers	49-9094	Meter Readers, Utilities	43-5041
Locomotive Engineers	53-4011	Microbiologists	19-1022
Lodging Managers	11-9081	Middle School Teachers, Ex. Special & Voc. Ed.	25-2022
Log Graders and Scalers	45-4023	Milling & Planing Machine Setters, O/T, M/P	51-4035
Logging Equipment Operators	45-4022	Millwrights	49-9044
M		Mine Cutting & Channeling Machine Operators	47-5042
Machine Feeders and Offbearers	53-7063	Mixing/Blending Mach. Setter/Operator/Tenders	51-9023
Machinists	51-4041	Mobile Heavy Equip. Mechanics, Ex. Engines	49-3042
Magistrates, Judges, and Magistrate Judges	23-1023	Mobile Home & Manufactured Building Installers	49-9095
Maid and Housekeeping Cleaners	37-2012	Model Makers, Metal and Plastic	51-4061
Mail Clerks & Mail Machine Op., Ex. Postal Serv.	43-9051	Molders/Shapers/Casters, Ex. Metal & Plastic	51-9195
Mail Superintendents and Postmasters	11-9131	Molding/Coremaking/Casting Mach. S/O/T, M/P	51-4072
Maintenance and Repair Workers, General	49-9042	Motel, Hotel, and Resort Desk Clerks	43-4081
Maintenance Workers, Machinery	49-9043	Motion Picture Projectionists	39-3021
Management Analysts	13-1111	Motor Vehicle Operators, All Other	53-3099
Managers, All Other	11-9199	Motorboat Mechanics	49-3051
Manicurists and Pedicurists	39-5092	Motorcycle Mechanics	49-3052
Manufactured Building & Mobile Home Installers	49-9095	Multi-Media Artists and Animators	27-1014
Mapping and Surveying Technicians	17-3031	Multiple Machine Tool Setters, O/T, M/P	51-4081
Marble and Tile Setters	47-2044	Municipal, Court, and License Clerks	43-4031
Marine Oilers and Sailors	53-5011	Museum Technicians, Archivists, and Curators	25-4010
Marine/Atmos./Earth/Space Sci. Teachers, PS	25-1051	Music Directors and Composers	27-2041
Market Research Analysts	19-3021	Music, Art, and Drama Teachers, Postsecondary	25-1121
Marketing Managers	11-2021	Musical Instrument Repairers and Tuners	49-9063
Marriage and Family Therapists	21-1013	Musicians and Singers	27-2042
Massage Therapists	31-9011	N	
Material Moving Workers, All Other	53-7199	Natural Sciences Managers	11-9121
Material Rec./Sched./Dispatch/Distrib. Work, AO	43-5199	Network and Computer Systems Administrators	15-1071
Materials Engineers	17-2131	Network Systems & Data Comm. Analysts	15-1081
Materials Scientists	19-2032	New Accounts Clerks	43-4141
Mathematical Science Occupations, All Other	15-2099	News Analysts, Reporters and Correspondents	27-3020
Mathematical Science Teachers, Postsecondary	25-1022	Nonfarm Animal Caretakers	39-2021
Meat Cutters and Butchers	51-3021	Nuclear Medicine Technologists	29-2033
Meat Packers and Slaughterers	51-3023	Nuclear Power Reactor Operators	51-8011
Meat, Poultry, and Fish Cutters and Trimmers	51-3022	Nuclear Technicians	19-4051
Mechanical Door Repairers	49-9011	Numerical Tool & Process Control Programmers	51-4012
Mechanical Drafters	17-3013	Nursing Aides, Orderlies, and Attendants	31-1012
Mechanical Engineering Technicians	17-3027	Nursing Instructors & Teachers, Postsecondary	25-1072
Mechanical Engineers	17-2141	Nutritionists and Dietitians	29-1031
Mechanics and Automotive Service Technicians	49-3023	O	
Mechanics, Bus & Truck & Diesel Engine Spec.	49-3031	Obstetricians and Gynecologists	29-1064
Mechanics/Installers/Repairers, FL Sup/Mgrs	49-1011	Occupational Health & Safety Specialists & Tech.	29-9010
Media & Communication Equip. Workers, AO	27-4099	Occupational Therapist Aides	31-2012
Media and Communication Workers, All Other	27-3099		

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Occupational Therapist Assistants	31-2011	Physical Therapist Assistants	31-2021
Occupational Therapists	29-1122	Physical Therapists	29-1123
Office & Admin. Support, First-Line Sup/Mgrs	43-1011	Physician Assistants	29-1071
Office Clerks, General	43-9061	Physicians and Surgeons, All Other	29-1069
Office Machine Operators, Except Computer	43-9071	Physicists	19-2012
Office Machine, Computer, & ATM Repairers	49-2011	Physics Teachers, Postsecondary	25-1054
Oil and Gas Derrick Operators	47-5011	Pipefitters, Plumbers, and Steamfitters	47-2152
Oil and Gas Rotary Drill Operators	47-5012	Pipelayers	47-2151
Oil and Gas Roustabouts	47-5071	Pipelayers/Plumbers/Pipefitters/Steamf--Helpers	47-3015
Oil, Gas, and Mining Service Unit Operators	47-5013	Placement, Empl., & Recruitment Specialists	13-1071
Operating Engineers & Other Con. Equip. Op.	47-2073	Plant and System Operators, All Other	51-8099
Operations and General Managers	11-1021	Plasterers and Stucco Masons	47-2161
Operations Research Analysts	15-2031	Plating & Coating Machine Setters, O/T, M/P	51-4193
Ophthalmic Laboratory Technicians	51-9083	Plumbers, Pipefitters, and Steamfitters	47-2152
Opticians, Dispensing	29-2081	Podiatrists	29-1081
Optometrists	29-1041	Police & Detectives, First-Line Superv./Mgrs	33-1012
Order Clerks	43-4151	Police and Sheriff's Patrol Officers	33-3051
Order Fillers and Stock Clerks	43-5081	Police, Fire, and Ambulance Dispatchers	43-5031
Orderlies, Nursing Aides, and Attendants	31-1012	Polish/Grind/Lapping/Buf Mach.Tool S/O/T, M/P	51-4033
Organizational-Industrial Psychologists	19-3032	Polishing/Crushing/Grinding Machine S/O/T	51-9021
Orthotists and Prosthetists	29-2091	Political Science Teachers, Postsecondary	25-1065
Outdoor Power Equip. & Other Sm Engine Mech.	49-3053	Postal Service Clerks	43-5051
		Postal Service Mail Carriers	43-5052
P		Postal Service Mail Sorters/Proc/Proc Mach. Op.	43-5053
Packaging & Filling Machine Operators/Tenders	51-9111	Postmasters and Mail Superintendents	11-9131
Packers and Packagers, Hand	53-7064	Postsecondary Teachers, All Other	25-1199
Painters, Construction and Maintenance	47-2141	Poultry, Meat, and Fish Cutters and Trimmers	51-3022
Painters, Transportation Equipment	51-9122	Pourers and Casters, Metal	51-4052
Painters/Paper/Plasterers/Stucco Mas.--Helpers	47-3014	Power Plant Operators	51-8013
Painters/Sculptors/Illustrators & Other Fine Artists	27-1013	Power Tool, Electric Motor & Related Repairers	49-2092
Painting, Coating, and Decorating Workers	51-9123	Precision Instrument/Equipment Repairers, AO	49-9069
Paper Goods Mach. Setters/Operators/Tenders	51-9196	Prepress Technicians and Workers	51-5022
Paperhangers	47-2142	Preschool Teachers, Except Special Education	25-2011
Paralegals and Legal Assistants	23-2011	Press/Cutting/Punching Machine S/O/T, M/P	51-4031
Paramedics & Emergency Medical Technicians	29-2041	Pressers, Textile, Garment, & Related Materials	51-6021
Park Ranger	33-9099	Printing Machine Operators	51-5023
Parking Enforcement Workers	33-3041	Printing Workers, All Other	51-5099
Parking Lot Attendants	53-6021	Private Detectives and Investigators	33-9021
Parts Salespersons	41-2022	Pro, Golf and Tennis	27-2022
Patrol Officers, Police and Sheriff	33-3051	Probation Officers & Correct. Treatment Spec.	21-1092
Patternmakers, Fabric and Apparel	51-6092	Procurement Clerks	43-3061
Patternmakers, Metal and Plastic	51-4062	Producers and Directors	27-2012
Patternmakers, Wood	51-7032	Production Workers' Helpers	51-9198
Paving, Surfacing, & Tamping Equip. Operators	47-2071	Production Workers, All Other	51-9199
Payroll and Timekeeping Clerks	43-3051	Production, Planning, and Expediting Clerks	43-5061
Pediatricians, General	29-1065	Production/Operating Workers, FL Sup/Mgrs	51-1011
Pedicurists and Manicurists	39-5092	Promotions and Advertising Managers	11-2011
Personal and Home Care Aides	39-9021	Property, Real Estate, & Community Assn Mgrs	11-9141
Personal Care and Service Workers, All Other	39-9099	Prosthetists and Orthotists	29-2091
Personal Financial Advisors	13-2052	Protective Service Workers, All Other	33-9099
Personal Serv. Workers, First-Line Sup/Mgrs	39-1021	Pruners and Tree Trimmers	37-3013
Pest Control Workers	37-2021	Psychiatric Aides	31-1013
Pesticide Handlers/Sprayers/Applicators, Veg.	37-3012	Psychiatric Technicians	29-2053
Petroleum and Geological Technicians	19-4041	Psychiatrists	29-1066
Pharmacists	29-1051	Psychology Teachers, Postsecondary	25-1066
Pharmacy Aides	31-9095	Public Health and Medical Social Workers	21-1022
Pharmacy Technicians	29-2052	Public Relations Managers	11-2031
Philosophy & Religion Teachers, Postsecondary	25-1126	Public Relations Specialists	27-3031
Photogrammetrists and Cartographers	17-1021	Pump Operators, Except Wellhead Pumpers	53-7072
Photographers	27-4021	Punching/Cutting/Press Machine S/O/T, M/P	51-4031
Photographic Equipment & Camera Repairers	49-9061	Purchasing Agents and Buyers, Farm Products	13-1021
Photographic Process Workers	51-9131	Purchasing Agents, Ex. Whole., Retail, & Farm	13-1023
Photographic Processing Machine Operators	51-9132	Purchasing Clerk	43-3061
Physical Scientists, All Other	19-2099	Purchasing Managers	11-3061
Physical Therapist Aides	31-2022		

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Q		School, Clinical, and Counseling Psychologists	19-3031
Quality Control Engineer	17-2112	School, Educational, & Vocational Counselors	21-1012
Quality Control Inspector	51-9061	School, Family, and Child Social Workers	21-1021
Quality Control Technicians	17-3026	Scouts and Coaches	27-2022
R		Sculptors/Painters/Illustrators & Other Fine Artists	27-1013
Radiation Therapists	29-1124	Searchers, Title Examiners, and Abstractors	23-2093
Radio Mechanics	49-2021	Secondary Sch. Teachers, Ex. Spec. & Voc. Ed.	25-2031
Radiologic Technologists and Technicians	29-2034	Secret./Admin. Assis/Other Off. Sup. Work., AO	43-9999
Railroad and Transit Police	33-3052	Secretaries, Ex. Legal, Medical, & Executive	43-6014
Railroad Brake, Signal, and Switch Operators	53-4021	Securities/Commodities/Fin. Serv. Sales Agents	41-3031
Railroad Conductors and Yardmasters	53-4031	Security and Fire Alarm Systems Installers	49-2098
Rail-Track Laying & Maintenance Equip. Oper.	47-4061	Security Guards	33-3032
Ranch, Farm and Other Agricultural Managers	11-9011	Self-Enrichment Education Teachers	25-3021
Ranchers and Farmers	11-9012	Sep./Filter/Clarify/Precipitating/Still Mach. S/O/T	51-9012
Real Estate Brokers	41-9021	Septic Tank Servicers and Sewer Pipe Cleaners	47-4071
Real Estate Sales Agents	41-9022	Service Station Attendants	53-6031
Real Estate, Property, & Community Assn Mgrs	11-9141	Service Unit Operators, Oil, Gas, and Mining	47-5013
Receiving, Shipping and Traffic Clerks	43-5071	Set and Exhibit Designers	27-1027
Receptionists and Information Clerks	43-4171	Sewer Pipe Cleaners and Septic Tank Servicers	47-4071
Recreation & Fitness Studies Teachers, Post.	25-1193	Sewers, Hand	51-6051
Recreation Workers	39-9032	Sewing Machine Operators	51-6031
Recreational Therapists	29-1125	Shampooers	39-5093
Recreational Vehicle Service Technicians	49-3092	Sheet Metal Workers	47-2211
Recruitment, Empl., & Placement Specialists	13-1071	Sheriff and Police Patrol Officers	33-3051
Recyclable Material and Refuse Collectors	53-7081	Ship, Tank Car, and Truck Loaders	53-7121
Refractory Materials Repairers, Ex. Brickmasons	49-9045	Shipping, Receiving, and Traffic Clerks	43-5071
Refrigeration, Heating, & AC Mechanics/Installers	49-9021	Shoe and Leather Workers and Repairers	51-6041
Refuse and Recyclable Material Collectors	53-7081	Signal and Track Switch Repairers, Railroad	49-9097
Regional and Urban Planners	19-3051	Singers and Musicians	27-2042
Registered Nurses	29-1111	Skin Care Specialists	39-5094
Rehabilitation Counselors	21-1015	Slaughterers and Meat Packers	51-3023
Reinforcing Iron and Rebar Workers	47-2171	Slicing/Cutting Mach. Setters/Operators/Tenders	51-9032
Religion & Philosophy Teachers, Postsecondary	25-1126	Social and Community Service Managers	11-9151
Religious Activities, and Education Directors	21-2021	Social and Human Service Assistants	21-1093
Remedial Ed., Adult Literacy, & GED Teachers	25-3011	Social Scientists & Related Workers, All Other	19-3099
Repairers/Mechanics/Installers, FL Sup/Mgrs	49-1011	Social Work Teachers, Postsecondary	25-1113
Reporters, News Analysts and Correspondents	27-3020	Sociology Teachers, Postsecondary	25-1067
Reservation/Trans. Ticket Agents & Travel Clerks	43-4181	Solderers, Welders, Cutters, and Brazers	51-4121
Residential Advisors	39-9041	Sorters and Graders, Agricultural Products	45-2041
Respiratory Therapists	29-1126	Sorters/Inspectors/Testers/Samplers/Weighers	51-9061
Respiratory Therapy Technicians	29-2054	Sound Engineering Technicians	27-4014
Retail & Wholesale Buyers, Ex. Farm Products	13-1022	Space and Atmospheric Scientists	19-2021
Retail Sales Workers, First-Line Superv./Mgrs	41-1011	Space/Atmos./Earth/ Marine Sci. Teachers, PS	25-1051
Retail Salespersons	41-2031	Special Ed. Teachers, Pre./Kinder./Elem. Sch.	25-2041
Revenue Agents, Tax Examiners, & Collectors	13-2081	Special Education Teachers, Middle School	25-2042
Riggers	49-9096	Special Education Teachers, Secondary School	25-2043
Rolling Machine Setters/Operators/Tenders, M/P	51-4023	Speech-Language Pathologists	29-1127
Roofers	47-2181	Spraying/Painting/Coating Machine Setters, O/T	51-9121
Roofers' Helpers	47-3016	Stable Attendant	39-2021
Rotary Drill Operators, Oil and Gas	47-5012	Stationary Engineers and Boiler Operators	51-8021
Roustabouts, Oil and Gas	47-5071	Statistical Assistants	43-9111
S		Statisticians	15-2041
Safe and Locksmiths Repairers	49-9094	Steamfitters, Plumbers, and Pipefitters	47-2152
Safety & Health Engineers, Ex. Mining Safety	17-2111	Steel and Structural Iron Workers	47-2221
Sailors and Marine Oilers	53-5011	Stock Clerks and Order Fillers	43-5081
Sales and Related Workers, All Other	41-9099	Stonemasons	47-2022
Sales Engineers	41-9031	Storage, Transportation, & Distribution Managers	11-3071
Sales Managers	11-2022	Structural Iron and Steel Workers	47-2221
Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	41-4011	Structural Metal Fabricators and Fitters	51-2041
Sales Rep., Wholesale/Mfg, Ex. Tech./Sci. Prod.	41-4012	Stucco Masons and Plasterers	47-2161
Samplers/Inspectors/Testers/Sorters/Weighers	51-9061	Substance Abuse & Behavioral Dis. Counselors	21-1011
Sawing Mach. Setters/Operators/Tenders, Wood	51-7041	Substance Abuse & Mental Health Social Work.	21-1023
School Bus Drivers	53-3022	Surfacing, Paving, & Tamping Equip. Operators	47-2071
		Surgeons	29-1067
		Surgical Technologists	29-2055

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Survey Researchers	19-3022	Vending/Coin/Amusement Machine Serv/Repair	49-9091
Surveying and Mapping Technicians	17-3031	Vet. Assistants & Laboratory Animal Caretakers	31-9096
Surveyors	17-1022	Veterinarians	29-1131
Switchboard Operators, Inc. Answering Service	43-2011	Veterinary Technologists and Technicians	29-2056
		Video and Audio Equipment Technicians	27-4011
T		Video and Film Editors	27-4032
Tailors, Dressmakers, and Custom Sewers	51-6052	Vocational Education Teachers, Middle School	25-2023
Tank Car, Truck, and Ship Loaders	53-7121	Vocational Education Teachers, Postsecondary	25-1194
Tapers	47-2082	Vocational Education Teachers, Secondary Sch.	25-2032
Tapers, Coil Winders, and Finishers	51-2021	Vocational, Educational, & School Counselors	21-1012
Tax Examiners, Collectors, & Revenue Agents	13-2081		
Tax Preparers	13-2082	W	
Taxi Drivers and Chauffeurs	53-3041	Waiters and Waitresses	35-3031
Teacher Assistants	25-9041	Watch Repairers	49-9064
Teachers, Prim., Secondary, & Adult, All Other	25-3999	Water/Liquid Waste Treatment Plant/System Op.	51-8031
Team Assemblers	51-2092	Webmaster	15-1081
Technical Writers	27-3042	Weighers/Inspectors/Testers/Sorters/Samplers	51-9061
Telecomm. Equip. Install/Repair, Ex. Line Install	49-2022	Weighers/Meas./Checkers/Samplers, Recordkp	43-5111
Telecommunications Line Installers & Repairers	49-9052	Welders, Cutters, Solderers, and Brazers	51-4121
Telemarketers	41-9041	Welding/Soldering/Brazing Machine Setters, O/T	51-4122
Telephone Operators	43-2021	Wellhead Pumps	53-7073
Tellers	43-3071	Wholesale & Retail Buyers, Ex. Farm Products	13-1022
Tennis Pro and Golf Pro	27-2022	Wildlife Biologists and Zoologists	19-1023
Testers/Inspectors/Sorters/Samplers/Weighers	51-9061	Window Trimmers and Merchandise Displayers	27-1026
Textile Cutting Machine Setters/Oper./Tenders	51-6062	Woodworkers, All Other	51-7099
Textile Knitting & Weaving Machine Setters, O/T	51-6063	Woodworking Machine Setters, O/T, Ex. Sawing	51-7042
Textile Winding/Twist/Drawing Out Mach. S/O/T	51-6064	Word Processors and Typists	43-9022
Textile/Apparel/Furnishings Workers, All Other	51-6099	Writers and Authors	27-3043
Ticket Takers, Ushers, and Lobby Attendants	39-3031		
Tile and Marble Setters	47-2044	Z	
Timekeeping and Payroll Clerks	43-3051	Zoologists and Wildlife Biologists	19-1023
Timing Device Assemb./Adj./Calibrators	51-2093		
Tire Builders	51-9197		
Tire Repairers and Changers	49-3093		
Title Examiners, Abstractors, and Searchers	23-2093		
Tool and Die Makers	51-4111		
Tool Grinders, Filers, and Sharpeners	51-4194		
Tour Guides and Escorts	39-6021		
Track Switch and Signal Repairers, Railroad	49-9097		
Traffic Technicians	53-6041		
Training and Development Specialists	13-1073		
Trans. Attendants, Ex. Flight Attend./Bag Porters	39-6032		
Trans/Mat.-Mov. Mach & Veh Op, FL Sup/Mgrs	53-1031		
Transit and Railroad Police	33-3052		
Translators and Interpreters	27-3091		
Transportation Inspectors	53-6051		
Transportation Workers, All Other	53-6099		
Transportation, Storage, & Distribution Managers	11-3071		
Travel Agents	41-3041		
Tree Trimmers and Pruners	37-3013		
Trimmers and Cutters, Hand	51-9031		
Truck & Bus Mechanics & Diesel Engine Spec.	49-3031		
Truck Drivers, Heavy and Tractor-Trailer	53-3032		
Truck Drivers, Light or Delivery Services	53-3033		
Truck, Tank Car, and Ship Loaders	53-7121		
Tuners and Musical Instrument Repairers	49-9063		
Typists and Word Processors	43-9022		
U			
Upholsterers	51-6093		
Urban and Regional Planners	19-3051		
Ushers, Lobby Attendants, and Ticket Takers	39-3031		
V			
Vehicle & Mobile Equip. Mech/Install/Repair, AO	49-3099		

Office of Workforce Development
P.O. Box 1618
Columbus, OH 43216-1618

**Bureau of Labor Market Information
Business Principles for Workforce Development**

Partner with the workforce and economic development community.

Develop and deploy new information solution tools and systems for the workforce and economic development community.

Provide products that are customer and demand driven.

Be known as an important and reliable source for information solutions that support workforce development goals and outcomes.

The Workforce Research Section, under the direction of Labor Economist Larry Less, was responsible for the composition of this report. Projections Coordinator Sandy Newman was primarily responsible for production. This publication was prepared under the supervision of Labor Market Information Bureau Chief Keith Ewald and Assistant Bureau Chief Rudy Wilkinson.

This report was prepared by the Ohio Department of Job and Family Services, Office of Workforce Development. For further information, visit our website at <http://lmi.state.oh.us> or contact the Ohio Bureau of Labor Market Information at 1-888-2WORK-411 or 1-888-296-7541.

State of Ohio
Department of Job and Family Services
Office of Workforce Development
Bureau of Labor Market Information

Ted Strickland, Governor
Helen E. Jones-Kelley, Director

(8/2007)

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