

Job Outlook to 2014

West Central Ohio

Economic Development Region 3



Allen, Auglaize, Hancock, Hardin, Mercer, Paulding, Putnam and Van Wert Counties

Job Outlook to 2014
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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 | | Growth | |
|--------|-------------------|--------------------|--------------------|--------|---------|
| | | Employment 2004 | Employment 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.

**West Central Ohio - Economic Development Region 3
Industry Employment Projections Report, 2004-2014**

| Industry | 2004 Annual Employment | 2014 Projected Employment | Change in Employment 2004-2014 | Percent Change 2004-2014 |
|---|------------------------|---------------------------|--------------------------------|--------------------------|
| Total Employment | 189,400 | 201,400 | 12,000 | 6.3% |
| Goods-Producing | 60,800 | 57,800 | -3,000 | -4.9% |
| Natural Resources and Mining | 10,400 | 9,200 | -1,200 | -11.5% |
| Construction | 7,000 | 7,400 | 400 | 5.7% |
| Manufacturing | 43,400 | 41,300 | -2,100 | -4.8% |
| Service-Providing | 116,700 | 131,500 | 14,800 | 12.7% |
| Trade, Transportation, and Utilities | 32,100 | 35,500 | 3,400 | 10.6% |
| Retail Trade | 21,300 | 23,300 | 2,000 | 9.4% |
| Information | 1,900 | 2,000 | 100 | 5.3% |
| Financial Activities | 5,900 | 6,500 | 600 | 10.2% |
| Finance and Insurance | 4,600 | 5,000 | 400 | 8.7% |
| Real Estate and Rental and Leasing | 1,300 | 1,600 | 300 | 23.1% |
| Professional and Business Services | 10,300 | 12,800 | 2,500 | 24.3% |
| Education and Health Services | 22,300 | 26,400 | 4,100 | 18.4% |
| Leisure and Hospitality | 14,600 | 16,200 | 1,600 | 11.0% |
| Other Services | 8,000 | 8,900 | 900 | 11.3% |
| Government | 21,600 | 23,200 | 1,600 | 7.4% |
| Federal Government | 1,100 | 1,000 | -100 | -9.1% |
| State Government | 2,000 | 1,900 | -100 | -5.0% |
| Local Government | 18,500 | 20,300 | 1,800 | 9.7% |
| Self-Employed, Private Household and Unpaid Family Workers | 11,900 | 12,000 | 100 | 0.8% |

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

**West Central Ohio - Economic Development Region 3
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 | 189,400 | 201,400 | 12,000 | 6.3% | 5,722 |
| Management Occupations | 14,800 | 14,720 | -80 | -0.5% | 185 |
| Business and Financial Operations Occupations | 5,250 | 6,010 | 760 | 14.5% | 173 |
| Computer and Mathematical Occupations | 1,300 | 1,440 | 140 | 10.8% | 33 |
| Architecture and Engineering Occupations | 3,400 | 3,470 | 70 | 2.1% | 94 |
| Life, Physical, and Social Science Occupations | 700 | 740 | 40 | 5.7% | 20 |
| Community and Social Services Occupations | 2,440 | 2,670 | 230 | 9.4% | 69 |
| Legal Occupations | 470 | 510 | 40 | 8.5% | 10 |
| Education, Training, and Library Occupations | 10,220 | 11,450 | 1,230 | 12.0% | 349 |
| Arts, Design, Entertainment, Sports, & Media Occ. | 1,960 | 2,130 | 170 | 8.7% | 54 |
| Healthcare Practitioners and Technical Occupations | 8,770 | 10,490 | 1,720 | 19.6% | 343 |
| Healthcare Support Occupations | 5,640 | 7,140 | 1,500 | 26.6% | 235 |
| Protective Service Occupations | 2,980 | 3,060 | 80 | 2.7% | 97 |
| Food Preparation and Serving Related Occupations | 15,300 | 16,800 | 1,500 | 9.8% | 741 |
| Building & Grounds Cleaning & Maintenance Occup. | 5,690 | 6,410 | 720 | 12.7% | 186 |
| Personal Care and Service Occupations | 4,410 | 4,960 | 550 | 12.5% | 160 |
| Sales and Related Occupations | 17,620 | 19,350 | 1,730 | 9.8% | 775 |
| Office and Administrative Support Occupations | 23,670 | 24,190 | 520 | 2.2% | 607 |
| Farming, Fishing, and Forestry Occupations | 1,020 | 1,030 | 10 | 1.0% | 29 |
| Construction and Extraction Occupations | 8,590 | 9,030 | 440 | 5.1% | 205 |
| Installation, Maintenance, and Repair Occupations | 7,980 | 8,440 | 460 | 5.8% | 230 |
| Production Occupations | 30,770 | 29,650 | -1,120 | -3.6% | 753 |
| Transportation and Material Moving Occupations | 16,410 | 17,680 | 1,270 | 7.7% | 492 |

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

**West Central Ohio - Economic Development Region 3
Fastest Growing Occupations
2004-2014**

| Occupational Title | Percent Change | Total Annual Openings | Average Wage 2006* |
|---|-------------------|-----------------------------|--------------------------|
| Home Health Aides | 50.7% | 93 | \$9.47 |
| Medical Assistants | 42.9% | 21 | \$11.98** |
| Dietitians and Nutritionists | 40.0% | 7 | \$22.61 |
| Network and Computer Systems Administrators | 37.5% | 8 | \$26.26 |
| Funeral Attendants | 33.3% | 11 | \$10.19** |
| Dental Assistants | 32.3% | 19 | \$14.19** |
| Pharmacists | 31.3% | 16 | \$42.72** |
| FL Sup/Mgrs of Lndscap./Lawn Ser/Groundskp | 31.3% | 7 | \$20.23** |
| Counter and Rental Clerks | 30.3% | 23 | \$10.42** |
| Physical Therapist Assistants | 30.0% | 5 | \$18.28 |
| Vet. Assistants & Laboratory Animal Caretakers | 28.6% | 7 | \$9.89** |
| Instructional Coordinators | 27.8% | 8 | \$25.87 |
| Medical and Clinical Laboratory Technologists | 27.8% | 10 | \$21.17 |
| Hairdressers, Hairstylists and Cosmetologists | 27.5% | 42 | \$9.27 |
| Dental Hygienists | 26.9% | 9 | \$27.49** |
| Employment, Recruitment & Placement Specialists | 26.7% | 6 | \$21.80** |
| Postsecondary Teachers | 26.3% | 37 | \$59,794** |
| Funeral Directors | 25.0% | 7 | \$28.72** |
| Registered Nurses | 24.9% | 158 | \$24.34 |
| Nonfarm Animal Caretakers | 23.5% | 8 | \$9.29 |
| Real Estate Sales Agents | 23.1% | 6 | \$31.68** |
| Physical Therapists | 22.2% | 6 | \$31.88** |
| Interviewers, except Eligibility and Loan | 22.2% | 13 | \$12.81** |
| Special Ed. Teachers, Pre./Kinder./Elem. Sch. | 21.4% | 13 | \$44,311+ |
| Pharmacy Technicians | 20.6% | 11 | \$13.66 |
| Market Research Analysts | 20.0% | 5 | \$30.96** |
| Emergency Medical Technicians & Paramedics | 20.0% | 5 | \$13.60** |
| Medical Transcriptionists | 20.0% | 6 | \$13.82** |
| Personal and Home Care Aides | 20.0% | 13 | \$7.83 |
| Respiratory Therapists | 19.0% | 11 | \$21.35** |

*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.

**West Central Ohio - Economic Development Region 3
Occupations with Most Annual Openings
2004-2014**

| Occupational Title | Total Annual Openings | Average Wage 2006* |
|--|-----------------------|--------------------|
| Retail Salespersons | 352 | \$10.54 |
| Cashiers | 221 | \$7.62 |
| Waiters and Waitresses | 174 | \$6.52 |
| Team Assemblers | 173 | \$14.29 |
| Comb. Food Preparation & Serving Workers, inc. Fast Food | 167 | \$7.07 |
| Laborers and Freight, Stock, and Material Movers, Hand | 159 | \$11.41** |
| Registered Nurses | 158 | \$24.34 |
| Home Health Aides | 93 | \$9.47 |
| Janitors & Cleaners, except Maids & Housekeeping Cleaners | 92 | \$10.93 |
| Truck Drivers, Heavy and Tractor-Trailer | 92 | \$18.03 |
| Cooks, Fast Food | 81 | \$7.50 |
| Elementary School Teachers, except Special Education | 72 | \$44,294+ |
| Secondary School Teachers, except Special & Vocational Ed. | 66 | \$44,746+ |
| Nursing Aides, Orderlies, and Attendants | 66 | \$10.19 |
| Stock Clerks and Order Fillers | 64 | \$10.44 |
| Office Clerks, General | 60 | \$10.43 |
| Customer Service Representatives | 59 | \$13.97 |
| General and Operations Managers | 58 | \$38.76 |
| Food Preparation Workers | 58 | \$8.19 |
| Packers and Packagers, Hand | 57 | \$9.94 |
| Landscaping and Groundskeeping Workers | 56 | \$11.13 |
| Maintenance and Repair Workers, General | 55 | \$16.47 |
| Bookkeeping, Accounting, and Auditing Clerks | 54 | \$13.09 |
| Tellers | 52 | \$10.54 |
| Sales Rep., Wholesale & Mfg, ex. Tech. & Scientific Products | 50 | \$25.71 |
| Bartenders | 45 | \$7.37 |
| First-Line Supervisors/Managers of Retail Sales Workers | 45 | \$18.66 |
| Secretaries, except Legal, Medical & Executive | 45 | \$12.20 |
| Carpenters | 45 | \$15.50 |
| First-Line Supervisors/Mgrs of Production/Operating Workers | 45 | \$23.05 |

*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.

**West Central Ohio - Economic Development Region 3
Occupational* Employment Projections Report, 2004-2014**

| Code | Occupational Title** | Employment | | Change in | | Total Annual Openings | Average Wage 2006** | Education Training Level+ |
|----------------|---|----------------|----------------|---------------|--------------|-----------------------|---------------------|---------------------------|
| | | 2004 Annual | 2014 Projected | 2004 - 2014 | Percent | | | |
| 00-0000 | Total, All Occupations | 189,400 | 201,400 | 12,000 | 6.3% | 5,722 | NA | NA |
| 11-0000 | Management Occupations | 14,800 | 14,720 | -80 | -0.5% | 185 | \$37.51 | NA |
| 11-1011 | Chief Executives | 510 | 580 | 70 | 13.7% | 17 | \$55.86 | 4 |
| 11-1021 | General and Operations Managers | 1,760 | 2,010 | 250 | 14.2% | 58 | \$38.76 | 4 |
| 11-2022 | Sales Managers | 240 | 270 | 30 | 12.5% | 7 | \$42.78 | 4 |
| 11-3011 | Administrative Services Managers | 100 | 100 | 0 | 0.0% | 2 | \$34.09 | 4 |
| 11-3021 | Computer and Information Systems Managers | 110 | 130 | 20 | 18.2% | 4 | \$35.69 | 4 |
| 11-3031 | Financial Managers | 280 | 310 | 30 | 10.7% | 7 | \$35.09 | 4 |
| 11-3051 | Industrial Production Managers | 420 | 420 | 0 | 0.0% | 8 | \$36.34 | 8 |
| 11-9011 | Farm, Ranch, and Other Agricultural Managers | 360 | 360 | 0 | 0.0% | 6 | NA | 4 |
| 11-9012 | Farmers and Ranchers | 7,520 | 6,810 | -710 | -9.4% | 44 | NA | 9 |
| 11-9021 | Construction Managers | 320 | 330 | 10 | 3.1% | 7 | \$32.62 | 5 |
| 11-9032 | Education Admin., Elem. & Secondary School | 380 | 410 | 30 | 7.9% | 13 | \$74,129++ | 4 |
| 11-9041 | Engineering Managers | 190 | 200 | 10 | 5.3% | 5 | \$41.44 | 4 |
| 11-9051 | Food Service Managers | 360 | 390 | 30 | 8.3% | 9 | \$20.57 | 8 |
| 11-9061 | Funeral Directors | 120 | 150 | 30 | 25.0% | 7 | \$28.72 | 6 |
| 11-9111 | Medical and Health Services Managers | 400 | 470 | 70 | 17.5% | 15 | \$33.29 | 4 |
| 11-9151 | Social and Community Service Managers | 100 | 110 | 10 | 10.0% | 3 | \$26.68 | 5 |
| 11-9199 | Managers, All Other | 770 | 760 | -10 | -1.3% | 15 | \$36.94 | 8 |
| 13-0000 | Business and Financial Operations Occupations | 5,250 | 6,010 | 760 | 14.5% | 173 | \$25.12 | NA |
| 13-1022 | Wholesale & Retail Buyers, ex. Farm Products | 100 | 100 | 0 | 0.0% | 3 | \$23.16 | 8 |
| 13-1023 | Purchasing Agents, ex. Whole., Retail, & Farm | 330 | 320 | -10 | -3.0% | 8 | \$23.34 | 8 |
| 13-1031 | Claims Adjusters, Examiners and Investigators | 160 | 190 | 30 | 18.8% | 5 | \$25.71 | 9 |
| 13-1051 | Cost Estimators | 330 | 380 | 50 | 15.2% | 12 | \$26.63 | 8 |
| 13-1071 | Employment, Recruitment & Placement Specialists | 150 | 190 | 40 | 26.7% | 6 | \$21.80 | 5 |
| 13-1073 | Training and Development Specialists | 190 | 220 | 30 | 15.8% | 6 | \$21.50 | 5 |
| 13-1079 | Human Resource/Training/Labor Rel. Spec., AO | 310 | 350 | 40 | 12.9% | 9 | \$18.93 | 5 |
| 13-1111 | Management Analysts | 170 | 200 | 30 | 17.6% | 5 | \$33.71 | 4 |
| 13-1199 | Business Operations Specialists, All Other | 860 | 1,060 | 200 | 23.3% | 35 | \$21.21 | 5 |
| 13-2011 | Accountants and Auditors | 1,230 | 1,430 | 200 | 16.3% | 43 | \$26.74 | 5 |
| 13-2072 | Loan Officers | 410 | 440 | 30 | 7.3% | 10 | \$26.02 | 5 |
| 15-0000 | Computer and Mathematical Occupations | 1,300 | 1,440 | 140 | 10.8% | 33 | \$24.60 | NA |
| 15-1021 | Computer Programmers | 280 | 240 | -40 | -14.3% | 7 | \$24.13 | 5 |
| 15-1041 | Computer Support Specialists | 250 | 290 | 40 | 16.0% | 7 | \$17.02 | 6 |
| 15-1051 | Computer Systems Analysts | 270 | 270 | 0 | 0.0% | 3 | \$29.61 | 5 |
| 15-1071 | Network and Computer Systems Administrators | 160 | 220 | 60 | 37.5% | 8 | \$26.26 | 5 |
| 15-1099 | Computer Specialists, All Other | 100 | 110 | 10 | 10.0% | 2 | \$20.09 | 6 |
| 17-0000 | Architecture and Engineering Occupations | 3,400 | 3,470 | 70 | 2.1% | 94 | \$31.13 | NA |
| 17-2051 | Civil Engineers | 200 | 230 | 30 | 15.0% | 6 | \$26.20 | 5 |
| 17-2112 | Industrial Engineers | 670 | 710 | 40 | 6.0% | 20 | \$32.30 | 5 |
| 17-2141 | Mechanical Engineers | 570 | 570 | 0 | 0.0% | 16 | \$29.65 | 5 |
| 17-2199 | Engineers, All Other | 210 | 200 | -10 | -4.8% | 4 | \$38.63 | 5 |
| 17-3013 | Mechanical Drafters | 140 | 140 | 0 | 0.0% | 4 | \$20.54 | 7 |
| 17-3026 | Industrial Engineering Technicians | 200 | 210 | 10 | 5.0% | 5 | \$22.74 | 6 |
| 19-0000 | Life, Physical, and Social Science Occupations | 700 | 740 | 40 | 5.7% | 20 | \$28.59 | NA |
| 19-3021 | Market Research Analysts | 100 | 120 | 20 | 20.0% | 5 | \$30.96 | 5 |
| 19-3031 | Clinical, Counseling and School Psychologists | 120 | 130 | 10 | 8.3% | 4 | \$31.86 | 2 |
| 21-0000 | Community and Social Services Occupations | 2,440 | 2,670 | 230 | 9.4% | 69 | \$18.45 | NA |
| 21-1012 | Educational, Vocational, & School Counselors | 250 | 280 | 30 | 12.0% | 9 | \$24.73 | 3 |
| 21-1021 | Child, Family and School Social Workers | 320 | 350 | 30 | 9.4% | 8 | \$18.70 | 5 |
| 21-1022 | Medical and Public Health Social Workers | 120 | 140 | 20 | 16.7% | 4 | \$18.92 | 5 |
| 21-1029 | Social Workers, All Other | 100 | 110 | 10 | 10.0% | 3 | \$16.64 | 5 |
| 21-1093 | Social and Human Service Assistants | 130 | 150 | 20 | 15.4% | 4 | \$12.55 | 10 |
| 21-1099 | Community & Social Service Specialists, All Other | 140 | 170 | 30 | 21.4% | 6 | \$14.13 | 5 |
| 21-2011 | Clergy | 780 | 790 | 10 | 1.3% | 17 | NA | 3 |
| 21-2021 | Directors, Religious Activities and Education | 190 | 200 | 10 | 5.3% | 3 | NA | 5 |
| 23-0000 | Legal Occupations | 470 | 510 | 40 | 8.5% | 10 | \$31.62 | NA |
| 23-1011 | Lawyers | 270 | 300 | 30 | 11.1% | 7 | \$40.02 | 1 |
| 25-0000 | Education, Training, and Library Occupations | 10,220 | 11,450 | 1,230 | 12.0% | 349 | \$20.14 | NA |
| 25-1000 | Postsecondary Teachers | 760 | 960 | 200 | 26.3% | 37 | \$59,794++ | NA |
| 25-2011 | Preschool Teachers, except Special Education | 220 | 240 | 20 | 9.1% | 5 | \$9.01 | 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.

**West Central Ohio - Economic Development Region 3
Occupational* Employment Projections Report, 2004-2014**

| Code | Occupational Title** | Employment | | Change in | | Total Annual Openings | Average Wage 2006** | Education Training Level+ |
|----------------|--|---------------|----------------|--------------|--------------|-----------------------|---------------------|---------------------------|
| | | 2004 Annual | 2014 Projected | 2004 - 2014 | Percent | | | |
| 25-2012 | Kindergarten Teachers, ex. Special Education | 190 | 210 | 20 | 10.5% | 4 | \$48,054++ | 5 |
| 25-2021 | Elementary School Teachers, ex. Special Ed. | 2,190 | 2,430 | 240 | 11.0% | 72 | \$44,294++ | 5 |
| 25-2022 | Middle School Teachers, ex. Special & Voc. Ed. | 1,130 | 1,200 | 70 | 6.2% | 32 | \$46,295++ | 5 |
| 25-2031 | Secondary Sch. Teachers, ex. Spec. & Voc. Ed. | 1,810 | 1,960 | 150 | 8.3% | 66 | \$44,746++ | 5 |
| 25-2032 | Vocational Education Teachers, Secondary Sch. | 330 | 360 | 30 | 9.1% | 12 | \$52,243++ | 4 |
| 25-2041 | Special Ed. Teachers, Pre./Kinder./Elem. Sch. | 280 | 340 | 60 | 21.4% | 13 | \$44,311++ | 5 |
| 25-2042 | Special Education Teachers, Middle School | 220 | 260 | 40 | 18.2% | 9 | \$49,139++ | 5 |
| 25-3021 | Self-Enrichment Education Teachers | 270 | 290 | 20 | 7.4% | 5 | \$13.41 | 8 |
| 25-3099 | Teachers and Instructors, All Other | 700 | 820 | 120 | 17.1% | 21 | \$21.58 | 5 |
| 25-4021 | Librarians | 120 | 120 | 0 | 0.0% | 3 | \$23.31 | 3 |
| 25-4031 | Library Technicians | 260 | 270 | 10 | 3.8% | 11 | \$14.41 | 7 |
| 25-9031 | Instructional Coordinators | 180 | 230 | 50 | 27.8% | 8 | \$25.87 | 3 |
| 25-9041 | Teacher Assistants | 1,040 | 1,170 | 130 | 12.5% | 33 | \$20,377++ | 11 |
| 27-0000 | Arts, Design, Entertainment, Sports, & Media Occ. | 1,960 | 2,130 | 170 | 8.7% | 54 | \$15.96 | NA |
| 27-1011 | Art Directors | 110 | 100 | -10 | -9.1% | 2 | \$31.34 | 4 |
| 27-1023 | Floral Designers | 120 | 140 | 20 | 16.7% | 4 | \$10.62 | 10 |
| 27-1024 | Graphic Designers | 180 | 180 | 0 | 0.0% | 2 | \$18.89 | 5 |
| 27-2022 | Coaches and Scouts | 300 | 340 | 40 | 13.3% | 10 | \$31,922++ | 9 |
| 27-2042 | Musicians and Singers | 120 | 120 | 0 | 0.0% | 3 | \$25.08 | 9 |
| 27-3011 | Radio and Television Announcers | 160 | 160 | 0 | 0.0% | 4 | \$18.49 | 9 |
| 27-3031 | Public Relations Specialists | 130 | 140 | 10 | 7.7% | 3 | \$25.42 | 5 |
| 27-4021 | Photographers | 270 | 310 | 40 | 14.8% | 10 | \$10.42 | 9 |
| 29-0000 | Healthcare Practitioners and Technical Occupations | 8,770 | 10,490 | 1,720 | 19.6% | 343 | \$25.85 | NA |
| 29-1021 | Dentists, General | 140 | 150 | 10 | 7.1% | 3 | \$75.91 | 1 |
| 29-1031 | Dietitians and Nutritionists | 100 | 140 | 40 | 40.0% | 7 | \$22.61 | 5 |
| 29-1051 | Pharmacists | 320 | 420 | 100 | 31.3% | 16 | \$42.72 | 1 |
| 29-1062 | Family and General Practitioners | 270 | 310 | 40 | 14.8% | 8 | \$74.86 | 1 |
| 29-1069 | Physicians and Surgeons, All Other | 120 | 140 | 20 | 16.7% | 4 | \$0.00 | 1 |
| 29-1111 | Registered Nurses | 3,450 | 4,310 | 860 | 24.9% | 158 | \$24.34 | 6 |
| 29-1123 | Physical Therapists | 180 | 220 | 40 | 22.2% | 6 | \$31.88 | 3 |
| 29-1126 | Respiratory Therapists | 210 | 250 | 40 | 19.0% | 11 | \$21.35 | 6 |
| 29-1127 | Speech-Language Pathologists | 130 | 150 | 20 | 15.4% | 5 | \$30.06 | 3 |
| 29-2011 | Medical and Clinical Laboratory Technologists | 180 | 230 | 50 | 27.8% | 10 | \$21.17 | 5 |
| 29-2012 | Medical and Clinical Laboratory Technicians | 110 | 130 | 20 | 18.2% | 5 | \$16.17 | 6 |
| 29-2021 | Dental Hygienists | 260 | 330 | 70 | 26.9% | 9 | \$27.49 | 6 |
| 29-2034 | Radiologic Technologists and Technicians | 280 | 330 | 50 | 17.9% | 10 | \$21.24 | 6 |
| 29-2041 | Emergency Medical Technicians & Paramedics | 150 | 180 | 30 | 20.0% | 5 | \$13.60 | 7 |
| 29-2052 | Pharmacy Technicians | 340 | 410 | 70 | 20.6% | 11 | \$13.66 | 10 |
| 29-2061 | Licensed Practical & Licensed Vocat. Nurses | 1,140 | 1,210 | 70 | 6.1% | 32 | \$17.13 | 7 |
| 29-2071 | Medical Records & Health Info. Technicians | 180 | 200 | 20 | 11.1% | 5 | \$13.73 | 6 |
| 29-2081 | Opticians, Dispensing | 120 | 120 | 0 | 0.0% | 2 | \$14.66 | 9 |
| 31-0000 | Healthcare Support Occupations | 5,640 | 7,140 | 1,500 | 26.6% | 235 | \$10.56 | NA |
| 31-1011 | Home Health Aides | 1,460 | 2,200 | 740 | 50.7% | 93 | \$9.47 | 11 |
| 31-1012 | Nursing Aides, Orderlies, and Attendants | 2,560 | 2,880 | 320 | 12.5% | 66 | \$10.19 | 7 |
| 31-2021 | Physical Therapist Assistants | 100 | 130 | 30 | 30.0% | 5 | \$18.28 | 6 |
| 31-9091 | Dental Assistants | 310 | 410 | 100 | 32.3% | 19 | \$14.19 | 10 |
| 31-9092 | Medical Assistants | 350 | 500 | 150 | 42.9% | 21 | \$11.98 | 10 |
| 31-9094 | Medical Transcriptionists | 150 | 180 | 30 | 20.0% | 6 | \$13.82 | 7 |
| 31-9096 | Vet. Assistants & Laboratory Animal Caretakers | 140 | 180 | 40 | 28.6% | 7 | \$9.89 | 11 |
| 31-9099 | Healthcare Support Workers, All Other | 300 | 370 | 70 | 23.3% | 13 | \$10.50 | 11 |
| 33-0000 | Protective Service Occupations | 2,980 | 3,060 | 80 | 2.7% | 97 | \$16.91 | NA |
| 33-1012 | First-Line Superv./Mgrs of Police & Detectives | 100 | 110 | 10 | 10.0% | 4 | \$29.38 | 8 |
| 33-2011 | Fire Fighters | 610 | 710 | 100 | 16.4% | 28 | \$16.55 | 9 |
| 33-3012 | Correctional Officers and Jailers | 410 | 420 | 10 | 2.4% | 9 | \$17.16 | 10 |
| 33-3051 | Police and Sheriff's Patrol Officers | 880 | 950 | 70 | 8.0% | 30 | \$20.96 | 9 |
| 33-9032 | Security Guards | 400 | 420 | 20 | 5.0% | 11 | \$11.16 | 11 |
| 33-9092 | Lifeguards/Ski Patrol/Rec. Prot. Serv. Wrks | 200 | 210 | 10 | 5.0% | 15 | \$7.82 | 11 |
| 35-0000 | Food Preparation and Serving Related Occupations | 15,300 | 16,800 | 1,500 | 9.8% | 741 | \$7.77 | NA |
| 35-1011 | Chefs and Head Cooks | 150 | 160 | 10 | 6.7% | 5 | \$13.86 | 8 |
| 35-1012 | FL Sup/Mgrs of Food Prep. & Serving Workers | 940 | 1,040 | 100 | 10.6% | 32 | \$13.42 | 8 |
| 35-2011 | Cooks, Fast Food | 1,900 | 2,120 | 220 | 11.6% | 81 | \$7.50 | 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.

**West Central Ohio - Economic Development Region 3
Occupational* Employment Projections Report, 2004-2014**

| Code | Occupational Title** | Employment | | Change in | | Total Annual Openings | Average Wage 2006** | Education Training Level+ |
|----------------|---|---------------|----------------|--------------|--------------|-----------------------|---------------------|---------------------------|
| | | 2004 Annual | 2014 Projected | 2004 - 2014 | Percent | | | |
| 35-2012 | Cooks, Institution and Cafeteria | 820 | 810 | -10 | -1.2% | 25 | \$9.24 | 10 |
| 35-2014 | Cooks, Restaurant | 940 | 1,040 | 100 | 10.6% | 39 | \$8.39 | 9 |
| 35-2015 | Cooks, Short Order | 310 | 320 | 10 | 3.2% | 11 | \$7.08 | 11 |
| 35-2021 | Food Preparation Workers | 1,200 | 1,360 | 160 | 13.3% | 58 | \$8.19 | 11 |
| 35-3011 | Bartenders | 1,020 | 1,070 | 50 | 4.9% | 45 | \$7.37 | 11 |
| 35-3021 | Comb. Food Prep. & Serv. Work, inc. Fast Food | 3,020 | 3,380 | 360 | 11.9% | 167 | \$7.07 | 11 |
| 35-3022 | Counter Attend., Café/Food Concess/Coffee Sh. | 320 | 360 | 40 | 12.5% | 25 | \$6.84 | 11 |
| 35-3031 | Waiters and Waitresses | 2,810 | 3,100 | 290 | 10.3% | 174 | \$6.52 | 11 |
| 35-3041 | Food Servers, Nonrestaurant | 220 | 220 | 0 | 0.0% | 7 | \$8.53 | 11 |
| 35-9011 | Dining Room & Cafeteria Attend. & Bar Helpers | 450 | 490 | 40 | 8.9% | 19 | \$6.79 | 11 |
| 35-9021 | Dishwashers | 660 | 730 | 70 | 10.6% | 29 | \$6.74 | 11 |
| 35-9031 | Hosts & Hostesses, Rest./Lounge/Coffee Shop | 460 | 520 | 60 | 13.0% | 21 | \$7.00 | 11 |
| 37-0000 | Building & Grounds Cleaning & Maintenance Occup. | 5,690 | 6,410 | 720 | 12.7% | 186 | \$10.89 | NA |
| 37-1011 | FL Sup/Mgrs of Housekping & Janitorial Workers | 170 | 180 | 10 | 5.9% | 5 | \$12.85 | 8 |
| 37-1012 | FL Sup/Mgrs of Lndscap./Lawn Ser/Groundskp | 160 | 210 | 50 | 31.3% | 7 | \$20.23 | 8 |
| 37-2011 | Janitors & Cleaners, ex. Maids/Hsekpng Clean. | 2,740 | 3,140 | 400 | 14.6% | 92 | \$10.93 | 11 |
| 37-2012 | Maids and Housekeeping Cleaners | 950 | 960 | 10 | 1.1% | 21 | \$8.77 | 11 |
| 37-3011 | Landscaping and Groundskeeping Workers | 1,510 | 1,740 | 230 | 15.2% | 56 | \$11.13 | 11 |
| 39-0000 | Personal Care and Service Occupations | 4,410 | 4,960 | 550 | 12.5% | 160 | \$8.89 | NA |
| 39-1021 | First-Line Sup/Mgrs of Personal Serv. Workers | 200 | 220 | 20 | 10.0% | 7 | \$13.49 | 8 |
| 39-2021 | Nonfarm Animal Caretakers | 170 | 210 | 40 | 23.5% | 8 | \$9.29 | 11 |
| 39-3091 | Amusement and Recreation Attendants | 160 | 180 | 20 | 12.5% | 7 | \$7.73 | 11 |
| 39-4021 | Funeral Attendants | 210 | 280 | 70 | 33.3% | 11 | \$10.19 | 11 |
| 39-5012 | Hairdressers, Hairstylists and Cosmetologists | 910 | 1,160 | 250 | 27.5% | 42 | \$9.27 | 7 |
| 39-9011 | Child Care Workers | 1,360 | 1,400 | 40 | 2.9% | 41 | \$7.49 | 11 |
| 39-9021 | Personal and Home Care Aides | 350 | 420 | 70 | 20.0% | 13 | \$7.83 | 11 |
| 39-9032 | Recreation Workers | 260 | 290 | 30 | 11.5% | 9 | \$10.43 | 11 |
| 41-0000 | Sales and Related Occupations | 17,620 | 19,350 | 1,730 | 9.8% | 775 | \$13.24 | NA |
| 41-1011 | First-Line Superv./Mgrs of Retail Sales Workers | 2,050 | 2,130 | 80 | 3.9% | 45 | \$18.66 | 8 |
| 41-1012 | First-Line Sup./Mgrs of Non-Retail Sales Workers | 400 | 410 | 10 | 2.5% | 9 | \$35.70 | 8 |
| 41-2011 | Cashiers | 4,490 | 4,520 | 30 | 0.7% | 221 | \$7.62 | 11 |
| 41-2021 | Counter and Rental Clerks | 330 | 430 | 100 | 30.3% | 23 | \$10.42 | 11 |
| 41-2022 | Parts Salespersons | 300 | 290 | -10 | -3.3% | 9 | \$14.14 | 10 |
| 41-2031 | Retail Salespersons | 6,440 | 7,620 | 1,180 | 18.3% | 352 | \$10.54 | 11 |
| 41-3011 | Advertising Sales Agents | 120 | 140 | 20 | 16.7% | 4 | \$18.68 | 10 |
| 41-3021 | Insurance Sales Agents | 680 | 780 | 100 | 14.7% | 26 | \$25.70 | 5 |
| 41-3031 | Securities/Commodities/Fin. Serv. Sales Agents | 160 | 180 | 20 | 12.5% | 4 | \$32.26 | 5 |
| 41-3099 | Sales Representatives, Services, All Other | 110 | 120 | 10 | 9.1% | 3 | \$24.18 | 10 |
| 41-4011 | Sales Rep., Wholesale & Mfg, Tech./Sci. Prod. | 190 | 210 | 20 | 10.5% | 7 | \$37.98 | 10 |
| 41-4012 | Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod. | 1,270 | 1,440 | 170 | 13.4% | 50 | \$25.71 | 10 |
| 41-9022 | Real Estate Sales Agents | 130 | 160 | 30 | 23.1% | 6 | \$37.68 | 7 |
| 41-9041 | Telemarketers | 150 | 150 | 0 | 0.0% | 2 | \$10.39 | 11 |
| 41-9099 | Sales and Related Workers, All Other | 220 | 250 | 30 | 13.6% | 7 | \$16.22 | 10 |
| 43-0000 | Office and Administrative Support Occupations | 23,670 | 24,190 | 520 | 2.2% | 607 | \$13.28 | NA |
| 43-1011 | First-Line Sup/Mgrs of Office & Admin. Support | 1,110 | 1,190 | 80 | 7.2% | 32 | \$20.46 | 8 |
| 43-2011 | Switchboard Operators, inc. Answering Service | 160 | 140 | -20 | -12.5% | 4 | \$10.89 | 11 |
| 43-3011 | Bill and Account Collectors | 320 | 370 | 50 | 15.6% | 11 | \$13.74 | 11 |
| 43-3021 | Billing & Posting Clerks & Machine Operators | 810 | 820 | 10 | 1.2% | 15 | \$13.30 | 10 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 2,550 | 2,610 | 60 | 2.4% | 54 | \$13.09 | 10 |
| 43-3051 | Payroll and Timekeeping Clerks | 240 | 260 | 20 | 8.3% | 8 | \$14.51 | 10 |
| 43-3061 | Procurement Clerks | 110 | 100 | -10 | -9.1% | 3 | \$15.77 | 11 |
| 43-3071 | Tellers | 960 | 1,010 | 50 | 5.2% | 52 | \$10.54 | 11 |
| 43-4031 | Court, Municipal, and License Clerks | 150 | 170 | 20 | 13.3% | 5 | \$14.75 | 11 |
| 43-4051 | Customer Service Representatives | 1,830 | 2,150 | 320 | 17.5% | 59 | \$13.97 | 10 |
| 43-4081 | Hotel, Motel and Resort Desk Clerks | 390 | 420 | 30 | 7.7% | 21 | \$8.37 | 11 |
| 43-4111 | Interviewers, except Eligibility and Loan | 270 | 330 | 60 | 22.2% | 13 | \$12.87 | 11 |
| 43-4121 | Library Assistants, Clerical | 230 | 250 | 20 | 8.7% | 11 | \$9.70 | 11 |
| 43-4131 | Loan Interviewers and Clerks | 190 | 190 | 0 | 0.0% | 3 | \$14.76 | 11 |
| 43-4151 | Order Clerks | 220 | 160 | -60 | -27.3% | 5 | \$11.90 | 11 |
| 43-4161 | Human Resources Assis., ex. Payroll & Timekp | 170 | 190 | 20 | 11.8% | 6 | \$14.64 | 11 |
| 43-4171 | Receptionists and Information Clerks | 960 | 1,090 | 130 | 13.5% | 37 | \$9.70 | 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.

**West Central Ohio - Economic Development Region 3
Occupational* Employment Projections Report, 2004-2014**

| Code | Occupational Title** | Employment | | Change in | | Total Annual Openings | Average Wage 2006** | Education Training Level+ |
|----------------|--|---------------|----------------|------------------------|--------------|-----------------------|---------------------|---------------------------|
| | | 2004 Annual | 2014 Projected | Employment 2004 - 2014 | Percent | | | |
| 43-4199 | Information and Record Clerks, All Other | 130 | 120 | -10 | -7.7% | 2 | \$13.85 | 11 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 180 | 190 | 10 | 5.6% | 5 | \$14.20 | 10 |
| 43-5032 | Dispatchers, except Police, Fire and Ambulance | 190 | 190 | 0 | 0.0% | 4 | \$16.94 | 10 |
| 43-5052 | Postal Service Mail Carriers | 470 | 440 | -30 | -6.4% | 15 | \$21.41 | 11 |
| 43-5053 | Postal Service Mail Sorters/Proc/Proc Mach. Op. | 160 | 150 | -10 | -6.3% | 4 | \$19.60 | 11 |
| 43-5061 | Production, Planning, and Expediting Clerks | 560 | 560 | 0 | 0.0% | 14 | \$18.44 | 11 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 820 | 810 | -10 | -1.2% | 17 | \$13.29 | 11 |
| 43-5081 | Stock Clerks and Order Fillers | 1,730 | 1,580 | -150 | -8.7% | 64 | \$10.44 | 11 |
| 43-6011 | Executive Secretaries & Administrative Assistants | 1,250 | 1,310 | 60 | 4.8% | 30 | \$17.02 | 10 |
| 43-6012 | Legal Secretaries | 210 | 220 | 10 | 4.8% | 5 | \$16.75 | 7 |
| 43-6013 | Medical Secretaries | 1,010 | 1,110 | 100 | 9.9% | 29 | \$13.21 | 7 |
| 43-6014 | Secretaries, except Legal, Medical & Executive | 2,340 | 2,220 | -120 | -5.1% | 45 | \$12.20 | 10 |
| 43-9011 | Computer Operators | 180 | 120 | -60 | -33.3% | 4 | \$16.90 | 10 |
| 43-9021 | Data Entry Keyers | 160 | 150 | -10 | -6.3% | 4 | \$11.66 | 10 |
| 43-9022 | Word Processors and Typists | 150 | 140 | -10 | -6.7% | 3 | \$13.80 | 10 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 120 | 130 | 10 | 8.3% | 3 | \$15.23 | 10 |
| 43-9061 | Office Clerks, General | 2,490 | 2,540 | 50 | 2.0% | 60 | \$10.43 | 11 |
| 43-9199 | Office & Administrative Support Workers, All Other | 140 | 130 | -10 | -7.1% | 3 | \$15.32 | 11 |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 1,020 | 1,030 | 10 | 1.0% | 29 | \$12.31 | NA |
| 45-2091 | Agricultural Equipment Operators | 440 | 420 | -20 | -4.5% | 13 | \$13.16 | 10 |
| 45-2092 | Farmworkers/Laborers, Crop/Nursery/Greenhse | 110 | 120 | 10 | 9.1% | 4 | \$10.98 | 11 |
| 45-2093 | Farmworkers, Farm and Ranch Animals | 210 | 250 | 40 | 19.0% | 10 | \$11.28 | 11 |
| 47-0000 | Construction and Extraction Occupations | 8,590 | 9,030 | 440 | 5.1% | 205 | \$17.97 | NA |
| 47-1011 | First-Line Sup/Mgrs of Con. Trades/Extract. Work | 500 | 520 | 20 | 4.0% | 11 | \$28.12 | 8 |
| 47-2021 | Brickmasons and Blockmasons | 410 | 430 | 20 | 4.9% | 8 | \$22.06 | 9 |
| 47-2031 | Carpenters | 1,710 | 1,880 | 170 | 9.9% | 45 | \$15.50 | 9 |
| 47-2051 | Cement Masons and Concrete Finishers | 350 | 380 | 30 | 8.6% | 10 | \$18.03 | 10 |
| 47-2061 | Construction Laborers | 1,460 | 1,460 | 0 | 0.0% | 19 | \$15.51 | 10 |
| 47-2073 | Operating Engineers & Other Con. Equip. Op. | 430 | 450 | 20 | 4.7% | 13 | \$20.66 | 10 |
| 47-2111 | Electricians | 670 | 700 | 30 | 4.5% | 16 | \$21.96 | 9 |
| 47-2141 | Painters, Construction and Maintenance | 310 | 320 | 10 | 3.2% | 6 | \$16.49 | 10 |
| 47-2152 | Plumbers, Pipefitters and Steamfitters | 460 | 480 | 20 | 4.3% | 13 | \$21.99 | 9 |
| 47-2181 | Roofers | 150 | 170 | 20 | 13.3% | 6 | \$15.08 | 10 |
| 47-2211 | Sheet Metal Workers | 100 | 100 | 0 | 0.0% | 2 | \$21.68 | 9 |
| 47-4011 | Construction and Building Inspectors | 100 | 110 | 10 | 10.0% | 3 | \$21.17 | 8 |
| 47-4051 | Highway Maintenance Workers | 490 | 540 | 50 | 10.2% | 12 | \$15.72 | 10 |
| 47-4099 | Construction and Related Workers, All Other | 130 | 130 | 0 | 0.0% | 2 | \$13.67 | 10 |
| 49-0000 | Installation, Maintenance, and Repair Occupations | 7,980 | 8,440 | 460 | 5.8% | 230 | \$18.44 | NA |
| 49-1011 | FL Sup/Mgrs of Mechanics/Installers/Repairers | 680 | 710 | 30 | 4.4% | 20 | \$26.97 | 8 |
| 49-2011 | Computer, ATM, & Office Machine Repairers | 110 | 130 | 20 | 18.2% | 3 | \$17.87 | 7 |
| 49-3021 | Automotive Body and Related Repairers | 180 | 190 | 10 | 5.6% | 5 | \$15.87 | 9 |
| 49-3023 | Automotive Service Technicians and Mechanics | 1,050 | 1,140 | 90 | 8.6% | 37 | \$16.19 | 7 |
| 49-3031 | Bus & Truck Mechanics & Diesel Engine Spec. | 650 | 760 | 110 | 16.9% | 28 | \$16.58 | 7 |
| 49-3042 | Mobile Heavy Equip. Mechanics, ex. Engines | 170 | 180 | 10 | 5.9% | 5 | \$19.49 | 7 |
| 49-3093 | Tire Repairers and Changers | 170 | 150 | -20 | -11.8% | 7 | \$17.49 | 11 |
| 49-9021 | Heating, AC, & Refrigeration Mechanics/Installers | 260 | 300 | 40 | 15.4% | 8 | \$18.85 | 9 |
| 49-9041 | Industrial Machinery Mechanics | 580 | 570 | -10 | -1.7% | 12 | \$21.90 | 9 |
| 49-9042 | Maintenance and Repair Workers, General | 2,160 | 2,290 | 130 | 6.0% | 55 | \$16.47 | 10 |
| 49-9043 | Maintenance Workers, Machinery | 260 | 270 | 10 | 3.8% | 7 | \$18.57 | 11 |
| 49-9044 | Millwrights | 170 | 170 | 0 | 0.0% | 4 | \$25.89 | 9 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 170 | 160 | -10 | -5.9% | 6 | \$24.11 | 9 |
| 49-9052 | Telecommunications Line Installers & Repairers | 260 | 250 | -10 | -3.8% | 7 | \$19.83 | 9 |
| 49-9098 | Helpers--Installation/Maintenance/Repair Workers | 100 | 110 | 10 | 10.0% | 4 | \$11.62 | 11 |
| 49-9099 | Installation/Maintenance/Repair Workers, AO | 210 | 230 | 20 | 9.5% | 7 | \$13.75 | 10 |
| 51-0000 | Production Occupations | 30,770 | 29,650 | -1,120 | -3.6% | 753 | \$15.80 | NA |
| 51-1011 | FL Sup/Mgrs of Production/Operating Workers | 1,990 | 2,020 | 30 | 1.5% | 45 | \$23.05 | 8 |
| 51-2041 | Structural Metal Fabricators and Fitters | 210 | 210 | 0 | 0.0% | 5 | \$15.28 | 10 |
| 51-2092 | Team Assemblers | 6,700 | 6,550 | -150 | -2.2% | 173 | \$14.29 | 10 |
| 51-2099 | Assemblers and Fabricators, All Other | 200 | 180 | -20 | -10.0% | 5 | \$16.67 | 10 |
| 51-3011 | Bakers | 160 | 180 | 20 | 12.5% | 6 | \$10.80 | 9 |
| 51-3021 | Butchers and Meat Cutters | 280 | 280 | 0 | 0.0% | 6 | \$11.36 | 9 |

*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.

**West Central Ohio - Economic Development Region 3
Occupational* Employment Projections Report, 2004-2014**

| Code | Occupational Title** | Employment | | Change in | | Total Annual Openings | Average Wage 2006** | Education Training Level+ |
|----------------|---|---------------|----------------|--------------|-------------|-----------------------|---------------------|---------------------------|
| | | 2004 Annual | 2014 Projected | 2004 - 2014 | Percent | | | |
| 51-3092 | Food Batchmakers | 290 | 310 | 20 | 6.9% | 9 | \$12.60 | 11 |
| 51-4011 | Computer-Controlled Machine Tool Oper., M/P | 450 | 430 | -20 | -4.4% | 7 | \$16.02 | 10 |
| 51-4021 | Extruding & Drawing Machine Setters, O/T, M/P | 340 | 270 | -70 | -20.6% | 11 | \$13.91 | 10 |
| 51-4022 | Forging Mach. Setters/Operators/Tenders, M/P | 260 | 230 | -30 | -11.5% | 4 | \$17.36 | 10 |
| 51-4031 | Cutting/Punching/Press Machine S/O/T, M/P | 1,530 | 1,160 | -370 | -24.2% | 35 | \$13.67 | 10 |
| 51-4032 | Drilling & Boring Machine Tool Setters, O/T, M/P | 130 | 120 | -10 | -7.7% | 4 | \$17.71 | 10 |
| 51-4033 | Grind/Lapping/Polish/Buf Mach.Tool S/O/T, M/P | 580 | 530 | -50 | -8.6% | 11 | \$14.93 | 10 |
| 51-4034 | Lathe & Turning Machine Tool Setters, O/T, M/P | 150 | 130 | -20 | -13.3% | 3 | \$16.00 | 10 |
| 51-4041 | Machinists | 990 | 990 | 0 | 0.0% | 23 | \$16.27 | 9 |
| 51-4072 | Molding/Coremaking/Casting Mach. S/O/T, M/P | 460 | 400 | -60 | -13.0% | 11 | \$13.55 | 10 |
| 51-4081 | Multiple Machine Tool Setters, O/T, M/P | 740 | 710 | -30 | -4.1% | 20 | \$17.59 | 10 |
| 51-4111 | Tool and Die Makers | 540 | 510 | -30 | -5.6% | 12 | \$22.15 | 9 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 1,310 | 1,290 | -20 | -1.5% | 37 | \$17.06 | 9 |
| 51-4122 | Welding/Soldering/Brazing Machine Setters, O/T | 200 | 200 | 0 | 0.0% | 6 | \$14.96 | 10 |
| 51-4193 | Plating & Coating Machine Setters, O/T, M/P | 190 | 180 | -10 | -5.3% | 4 | \$14.34 | 10 |
| 51-6011 | Laundry and Dry-Cleaning Workers | 280 | 320 | 40 | 14.3% | 12 | \$8.34 | 10 |
| 51-8031 | Water/Liquid Waste Treatment Plant/System Op. | 260 | 280 | 20 | 7.7% | 11 | \$17.68 | 9 |
| 51-9023 | Mixing/Blending Mach. Setter/Operator/Tenders | 540 | 540 | 0 | 0.0% | 14 | \$15.90 | 10 |
| 51-9032 | Cutting/Slicing Mach. Setters/Operators/Tenders | 260 | 250 | -10 | -3.8% | 6 | \$13.98 | 10 |
| 51-9051 | Furnace/Kiln/Oven/Drier/Kettle Oper./Tenders | 210 | 190 | -20 | -9.5% | 5 | \$16.50 | 10 |
| 51-9061 | Inspectors/Testers/Sorters/Samplers/Weighers | 1,660 | 1,560 | -100 | -6.0% | 38 | \$16.81 | 10 |
| 51-9111 | Packaging & Filling Machine Operators/Tenders | 730 | 700 | -30 | -4.1% | 15 | \$14.04 | 11 |
| 51-9121 | Coating/Painting/Spraying Machine Setters, O/T | 450 | 430 | -20 | -4.4% | 12 | \$13.73 | 10 |
| 51-9196 | Paper Goods Mach. Setters/Operators/Tenders | 230 | 240 | 10 | 4.3% | 6 | \$14.79 | 10 |
| 51-9198 | Helpers--Production Workers | 1,220 | 1,250 | 30 | 2.5% | 37 | \$11.75 | 11 |
| 51-9199 | Production Workers, All Other | 240 | 230 | -10 | -4.2% | 6 | \$12.54 | 10 |
| 53-0000 | Transportation and Material Moving Occupations | 16,410 | 17,680 | 1,270 | 7.7% | 492 | \$13.17 | NA |
| 53-1021 | FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand | 330 | 350 | 20 | 6.1% | 10 | \$19.25 | 8 |
| 53-1031 | FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op | 330 | 380 | 50 | 15.2% | 13 | \$20.87 | 8 |
| 53-3021 | Bus Drivers, Transit and Intercity | 170 | 190 | 20 | 11.8% | 6 | \$15.05 | 10 |
| 53-3022 | Bus Drivers, School | 610 | 670 | 60 | 9.8% | 19 | \$12.01 | 11 |
| 53-3031 | Driver/Sales Workers | 790 | 890 | 100 | 12.7% | 23 | \$11.40 | 11 |
| 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | 3,340 | 3,710 | 370 | 11.1% | 92 | \$18.03 | 10 |
| 53-3033 | Truck Drivers, Light or Delivery Services | 1,210 | 1,360 | 150 | 12.4% | 26 | \$13.04 | 11 |
| 53-3041 | Taxi Drivers and Chauffeurs | 250 | 280 | 30 | 12.0% | 5 | \$9.03 | 11 |
| 53-7011 | Conveyor Operators and Tenders | 130 | 130 | 0 | 0.0% | 4 | \$14.48 | 11 |
| 53-7032 | Excavating & Loading Machine & Dragline Oper. | 290 | 300 | 10 | 3.4% | 9 | \$16.18 | 10 |
| 53-7051 | Industrial Truck and Tractor Operators | 1,370 | 1,380 | 10 | 0.7% | 27 | \$14.24 | 11 |
| 53-7061 | Cleaners of Vehicles and Equipment | 630 | 660 | 30 | 4.8% | 25 | \$10.22 | 11 |
| 53-7062 | Laborers/Freight/Stock/Material Movers, Hand | 4,010 | 4,290 | 280 | 7.0% | 159 | \$11.41 | 11 |
| 53-7063 | Machine Feeders and Offbearers | 150 | 140 | -10 | -6.7% | 4 | \$12.44 | 11 |
| 53-7064 | Packers and Packers, Hand | 2,300 | 2,440 | 140 | 6.1% | 57 | \$9.94 | 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

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

*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.

West Central Ohio - Economic Development Region 3
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) | | | | | | | |
| 43-3011 | Bill and Account Collectors | 320 | 370 | 50 | 15.6% | 11 | \$13.74 |
| 43-4111 | Interviewers, except Eligibility and Loan | 270 | 330 | 60 | 22.2% | 13 | \$12.81 |
| 43-5052 | Postal Service Mail Carriers | 470 | 440 | -30 | -6.4% | 15 | \$21.41 |
| 43-5061 | Production, Planning, and Expediting Clerks | 560 | 560 | 0 | 0.0% | 14 | \$18.44 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 820 | 810 | -10 | -1.2% | 17 | \$13.29 |
| 51-9111 | Packaging & Filling Machine Operators/Tenders | 730 | 700 | -30 | -4.1% | 15 | \$14.04 |
| 51-9198 | Helpers--Production Workers | 1,220 | 1,250 | 30 | 2.5% | 37 | \$12.47 |
| 53-3033 | Truck Drivers, Light or Delivery Services | 1,210 | 1,360 | 150 | 12.4% | 26 | \$13.04 |
| 53-7051 | Industrial Truck and Tractor Operators | 1,370 | 1,380 | 10 | 0.7% | 27 | \$14.24 |
| Occupations Requiring Moderate-Term On-the-Job Training (one to twelve months combined experience/training) | | | | | | | |
| 29-2052 | Pharmacy Technicians | 340 | 410 | 70 | 20.6% | 11 | \$13.66 |
| 31-9091 | Dental Assistants | 310 | 410 | 100 | 32.3% | 19 | \$14.19 |
| 41-4012 | Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod. | 1,270 | 1,440 | 170 | 13.4% | 50 | \$25.71 |
| 43-3021 | Billing & Posting Clerks & Machine Operators | 810 | 820 | 10 | 1.2% | 15 | \$13.30 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 2,550 | 2,610 | 60 | 2.4% | 54 | \$13.09 |
| 43-4051 | Customer Service Representatives | 1,830 | 2,150 | 320 | 17.5% | 59 | \$13.97 |
| 43-6011 | Executive Secretaries & Administrative Assistants | 1,250 | 1,310 | 60 | 4.8% | 30 | \$17.02 |
| 43-6014 | Secretaries, except Legal, Medical & Executive | 2,340 | 2,220 | -120 | -5.1% | 45 | \$12.20 |
| 45-2091 | Agricultural Equipment Operators | 440 | 420 | -20 | -4.5% | 13 | \$13.16 |
| 47-2051 | Cement Masons and Concrete Finishers | 350 | 380 | 30 | 8.6% | 10 | \$18.93 |
| 47-2061 | Construction Laborers | 1,460 | 1,460 | 0 | 0.0% | 19 | \$15.51 |
| 47-2073 | Operating Engineers & Other Con. Equip. Op. | 430 | 450 | 20 | 4.7% | 13 | \$20.66 |
| 47-4051 | Highway Maintenance Workers | 490 | 540 | 50 | 10.2% | 12 | \$15.72 |
| 49-9042 | Maintenance and Repair Workers, General | 2,160 | 2,290 | 130 | 6.0% | 55 | \$16.47 |
| 51-2092 | Team Assemblers | 6,700 | 6,550 | -150 | -2.2% | 173 | \$14.29 |
| 51-4021 | Extruding & Drawing Machine Setters, O/T, M/P | 340 | 270 | -70 | -20.6% | 11 | \$13.91 |
| 51-4031 | Cutting/Punching/Press Machine S/O/T, M/P | 1,530 | 1,160 | -370 | -24.2% | 35 | \$13.67 |
| 51-4033 | Grind/Lapping/Polish/Buf Mach.Tool S/O/T, M/P | 580 | 530 | -50 | -8.6% | 11 | \$14.93 |
| 51-4072 | Molding/Coremaking/Casting Mach. S/O/T, M/P | 460 | 400 | -60 | -13.0% | 11 | \$13.55 |
| 51-4081 | Multiple Machine Tool Setters, O/T, M/P | 740 | 710 | -30 | -4.1% | 20 | \$17.59 |
| 51-9023 | Mixing/Blending Mach. Setter/Operator/Tenders | 540 | 540 | 0 | 0.0% | 14 | \$15.90 |
| 51-9061 | Inspectors/Testers/Sorters/Samplers/Weighers | 1,660 | 1,560 | -100 | -6.0% | 38 | \$16.81 |
| 51-9121 | Coating/Painting/Spraying Machine Setters, O/T | 450 | 430 | -20 | -4.4% | 12 | \$13.73 |
| 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | 3,340 | 3,710 | 370 | 11.1% | 92 | \$18.03 |
| Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training) | | | | | | | |
| 27-2022 | Coaches and Scouts | 300 | 340 | 40 | 13.3% | 10 | \$31,922+ |
| 33-2011 | Fire Fighters | 610 | 710 | 100 | 16.4% | 28 | \$16.55 |
| 33-3051 | Police and Sheriff's Patrol Officers | 880 | 950 | 70 | 8.0% | 30 | \$20.96 |
| 47-2031 | Carpenters | 1,710 | 1,880 | 170 | 9.9% | 45 | \$15.50 |
| 47-2111 | Electricians | 670 | 700 | 30 | 4.5% | 16 | \$21.96 |
| 47-2152 | Plumbers, Pipefitters and Steamfitters | 460 | 480 | 20 | 4.3% | 13 | \$21.99 |
| 49-9041 | Industrial Machinery Mechanics | 580 | 570 | -10 | -1.7% | 12 | \$21.90 |
| 51-4041 | Machinists | 990 | 990 | 0 | 0.0% | 23 | \$16.27 |
| 51-4111 | Tool and Die Makers | 540 | 510 | -30 | -5.6% | 12 | \$22.15 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 1,310 | 1,290 | -20 | -1.5% | 37 | \$17.06 |
| 51-8031 | Water/Liquid Waste Treatment Plant/System Op. | 260 | 280 | 20 | 7.7% | 11 | \$17.68 |
| Occupations Requiring Work Experience in a Related Occupation | | | | | | | |
| 13-1051 | Cost Estimators | 330 | 380 | 50 | 15.2% | 12 | \$26.63 |

West Central Ohio - Economic Development Region 3
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 | | |
| 35-1012 | FL Sup/Mgrs of Food Prep. & Serving Workers | 940 | 1,040 | 100 | 10.6% | 32 | \$13.42 |
| 41-1011 | First-Line Superv./Mgrs of Retail Sales Workers | 2,050 | 2,130 | 80 | 3.9% | 45 | \$18.66 |
| 43-1011 | First-Line Sup/Mgrs of Office & Admin. Support | 1,110 | 1,190 | 80 | 7.2% | 32 | \$20.46 |
| 47-1011 | First-Line Sup/Mgrs of Con. Trades/Extract. Work | 500 | 520 | 20 | 4.0% | 11 | \$28.12 |
| 49-1011 | FL Sup/Mgrs of Mechanics/Installers/Repairers | 680 | 710 | 30 | 4.4% | 20 | \$26.97 |
| 51-1011 | FL Sup/Mgrs of Production/Operating Workers | 1,990 | 2,020 | 30 | 1.5% | 45 | \$23.05 |
| 53-1021 | FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand | 330 | 350 | 20 | 6.1% | 10 | \$19.25 |
| 53-1031 | FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op | 330 | 380 | 50 | 15.2% | 13 | \$20.87 |
| Occupations Requiring Postsecondary Vocational Training | | | | | | | |
| 25-4031 | Library Technicians | 260 | 270 | 10 | 3.8% | 11 | \$14.41 |
| 29-2061 | Licensed Practical & Licensed Vocat. Nurses | 1,140 | 1,210 | 70 | 6.1% | 32 | \$17.13 |
| 43-6013 | Medical Secretaries | 1,010 | 1,110 | 100 | 9.9% | 29 | \$13.21 |
| 49-3023 | Automotive Service Technicians and Mechanics | 1,050 | 1,140 | 90 | 8.6% | 37 | \$16.19 |
| 49-3031 | Bus & Truck Mechanics & Diesel Engine Spec. | 650 | 760 | 110 | 16.9% | 28 | \$16.58 |
| Occupations Requiring an Associate Degree | | | | | | | |
| 29-1111 | Registered Nurses++ | 3,450 | 4,310 | 860 | 24.9% | 158 | \$24.34 |
| 29-1126 | Respiratory Therapists | 210 | 250 | 40 | 19.0% | 11 | \$21.35 |
| 29-2034 | Radiologic Technologists and Technicians | 280 | 330 | 50 | 17.9% | 10 | \$21.24 |
| Occupations Requiring a Bachelor's Degree | | | | | | | |
| 13-2011 | Accountants and Auditors | 1,230 | 1,430 | 200 | 16.3% | 43 | \$26.74 |
| 13-2072 | Loan Officers | 410 | 440 | 30 | 7.3% | 10 | \$26.02 |
| 17-2112 | Industrial Engineers | 670 | 710 | 40 | 6.0% | 20 | \$32.30 |
| 17-2141 | Mechanical Engineers | 570 | 570 | 0 | 0.0% | 16 | \$29.65 |
| 25-2021 | Elementary School Teachers, ex.Special Ed. | 2,190 | 2,430 | 240 | 11.0% | 72 | \$44,294+ |
| 25-2022 | Middle School Teachers, ex. Special & Voc. Ed. | 1,130 | 1,200 | 70 | 6.2% | 32 | \$46,295+ |
| 25-2031 | Secondary Sch. Teachers, ex. Spec. & Voc. Ed. | 1,810 | 1,960 | 150 | 8.3% | 66 | \$44,746+ |
| 25-2041 | Special Ed. Teachers, Pre./Kinder./Elem. Sch. | 280 | 340 | 60 | 21.4% | 13 | \$44,311+ |
| 25-2042 | Special Education Teachers, Middle School | 220 | 260 | 40 | 18.2% | 9 | \$44,210+ |
| 29-2011 | Medical and Clinical Laboratory Technologists | 180 | 230 | 50 | 27.8% | 10 | \$21.17 |
| 41-3021 | Insurance Sales Agents | 680 | 780 | 100 | 14.7% | 26 | \$25.70 |
| Occupations Requiring Work Experience plus a Bachelor's Degree | | | | | | | |
| 11-1011 | Chief Executives | 510 | 580 | 70 | 13.7% | 17 | \$55.86 |
| 11-1021 | General and Operations Managers | 1,760 | 2,010 | 250 | 14.2% | 58 | \$38.76 |
| 11-9032 | Education Admin., Elem. & Secondary School | 380 | 410 | 30 | 7.9% | 13 | \$74,129+ |
| 11-9111 | Medical and Health Services Managers | 400 | 470 | 70 | 17.5% | 15 | \$33.29 |
| 25-2032 | Vocational Education Teachers, Secondary Sch. | 330 | 360 | 30 | 9.1% | 12 | \$52,243+ |
| Occupations Requiring a First Professional Degree | | | | | | | |
| 29-1051 | Pharmacists | 320 | 420 | 100 | 31.3% | 16 | \$42.72 |

***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

Dictionary of Occupations Standard Occupational Classification (SOC)

| 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 |

Dictionary of Occupations Standard Occupational Classification (SOC)

| | | | |
|--|---------|--|---------|
| 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 |

Dictionary of Occupations Standard Occupational Classification (SOC)

| | | | |
|--|---------|--|---------|
| 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 & Timek | 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 |

Dictionary of Occupations Standard Occupational Classification (SOC)

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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 |
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| Teachers, Prim., Secondary, & Adult, All Other | 25-3999 | Water/Liquid Waste Treatment Plant/System Op. | 51-8031 |
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| 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 |
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| 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 | | |
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| 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 | | |
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| Truck Drivers, Heavy and Tractor-Trailer | 53-3032 | | |
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| 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 | | | |
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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.

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

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