

Additional Information

For more information about career resources, occupation trends, and help with career and education planning, visit OhioMeansJobs.com or view one of the publications below:

The **Ohio Job Outlook** is the place to find employment forecasts for more than 600 Ohio jobs:

OhioLMI.com/proj/OhioJobOutlook.htm

The **Occupational Outlook Handbook** offers national information about required training and education, earnings, job prospects, what workers do on the job and working conditions:

bls.gov/ooh

For one-on-one help, visit your local **OhioMeansJobs center**. To find your nearest OhioMeansJobs center, visit OhioMeansJobs.com and click on this icon:



Tell us what you think:

OhioLMI.com/feedback.htm

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Department of Job and Family Services

2016–2026 Snapshot of Occupational Projections



Career Planning

This brochure provides a snapshot view of occupations and groups of occupations. It includes information on wages, projected openings, and education, training, and experience typically required.

Most of these occupations are considered to be in-demand in Ohio, which means they pay well and have a promising future.

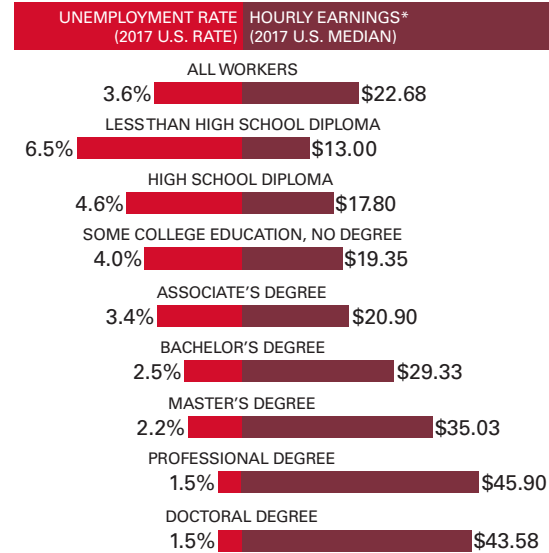
This brochure can be a useful tool for:

- exploring possible careers
- planning course offerings
- developing training programs
- analyzing Ohio's labor market



Download the OhioLMI mobile application from the iPhone App Store or Google Play Store to get the latest Ohio economic data on your cell phone.

Education Pays... More Learning = Lower Unemployment Rates



*Full-time wage and salary workers.

Occupations in Ohio with the Most Annual Job Openings 2016–2026

In-demand occupations with high annual openings offer a range of wages and opportunities.

| Occupational Title | Total Annual Openings | Median Wage, May 2017 |
|--|-----------------------|-----------------------|
| Customer Service Representatives | 11,757 | \$15.50 |
| Office Clerks, General | 10,498 | \$14.88 |
| Registered Nurses | 8,848 | \$30.43 |
| Heavy and Tractor-Trailer Truck Drivers | 8,465 | \$20.09 |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 7,758 | \$16.62 |
| Bookkeeping, Accounting, and Auditing Clerks | 6,928 | \$18.13 |
| Maintenance and Repair Workers, General | 5,895 | \$18.87 |
| Farmers, Ranchers, and Other Agricultural Managers | 5,852 | \$35.11 |
| First-Line Supervisors of Retail Sales Workers | 5,793 | \$17.60 |
| Medical Secretaries | 5,278 | \$15.52 |
| Construction Laborers | 5,142 | \$18.75 |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 5,121 | \$27.59 |
| First-Line Supervisors of Food Preparation and Serving Workers | 5,036 | \$14.93 |
| First-Line Supervisors of Office and Administrative Support Workers | 4,529 | \$25.52 |
| Accountants and Auditors | 4,493 | \$31.02 |
| Light Truck or Delivery Services Drivers | 4,232 | \$14.27 |
| Licensed Practical and Licensed Vocational Nurses | 3,334 | \$20.21 |

The occupations below have a high number of annual openings but are not on Ohio's in-demand list.

| | | |
|--|--------|---------|
| Combined Food Preparation and Serving Workers, Including Fast Food | 31,702 | \$9.21 |
| Retail Salespersons | 22,607 | \$10.67 |
| Cashiers | 21,723 | \$9.31 |
| Laborers and Freight, Stock, and Material Movers, Hand | 16,347 | \$12.92 |
| Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 12,606 | \$11.50 |
| Home Health Aides | 12,020 | \$10.33 |

Annual Job Openings by Occupational Group

Groups of occupations based on similarities in work performed, skills, education, training, and credentials.


| Occupational Title | Change in Employment 2016-2026 | Total Annual Openings |
|--|--------------------------------|-----------------------|
| Total, All Occupations | 253,333 | 664,496 |
| Healthcare Practitioners and Technical Occupations | 46,256 | 25,346 |
| Healthcare Support Occupations | 44,348 | 29,669 |
| Education, Training, and Library Occupations | 25,757 | 29,353 |
| Personal Care and Service Occupations | 24,066 | 29,507 |
| Business and Financial Operations Occupations | 20,324 | 27,764 |
| Management Occupations | 19,627 | 29,711 |
| Transportation and Material Moving Occupations | 18,792 | 53,542 |
| Construction and Extraction Occupations | 17,780 | 24,156 |
| Community and Social Service Occupations | 12,138 | 12,698 |
| Building and Grounds Cleaning and Maintenance Occupations | 11,114 | 26,068 |
| Computer and Mathematical Occupations | 10,091 | 10,854 |
| Sales and Related Occupations | 8,966 | 75,331 |
| Installation, Maintenance, and Repair Occupations | 8,821 | 22,124 |
| Food Preparation and Serving Related Occupations | 7,326 | 88,137 |
| Architecture and Engineering Occupations | 6,530 | 7,579 |
| Life, Physical, and Social Science Occupations | 3,276 | 3,760 |
| Arts, Design, Entertainment, Sports, and Media Occupations | 2,153 | 8,652 |
| Protective Service Occupations | 2,121 | 12,789 |
| Legal Occupations | 714 | 2,235 |
| Farming, Fishing, and Forestry Occupations | -413 | 1,986 |
| Office and Administrative Support Occupations | -8,018 | 91,750 |
| Production Occupations | -28,436 | 51,488 |

Select Occupations by Education and Training Level

These select in-demand occupations* have good wages and high annual openings.

| Occupational Title | Total Annual Openings | Median Wage, May 2017 |
|--|-----------------------|-----------------------|
| Less than high school | | |
| Construction Laborers | 5,142 | \$18.75 |
| Painters, Construction and Maintenance | 848 | \$18.61 |
| Cement Masons and Concrete Finishers | 579 | \$21.21 |
| High school diploma (or equivalent) | | |
| Maintenance and Repair Workers, General | 5,895 | \$18.87 |
| Farmers, Ranchers, and Other Agricultural Managers | 5,852 | \$35.11 |
| First-Line Supervisors of Retail Sales Workers | 5,793 | \$17.60 |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 5,121 | \$27.59 |
| First-Line Supervisors of Office and Administrative Support Workers | 4,529 | \$25.52 |
| Inspectors, Testers, Sorters, Samplers, and Weighers | 3,014 | \$18.11 |
| First-Line Supervisors of Production and Operating Workers | 2,898 | \$28.16 |
| Machinists | 2,854 | \$20.20 |
| Insurance Claims and Policy Processing Clerks | 2,304 | \$18.11 |
| Insurance Sales Agents | 2,281 | \$22.38 |
| Welders, Cutters, Solderers, and Brazers | 1,972 | \$18.58 |
| Industrial Machinery Mechanics | 1,861 | \$24.14 |
| Operating Engineers and Other Construction Equipment Operators | 1,780 | \$26.15 |
| Postsecondary non-degree award | | |
| Heavy and Tractor-Trailer Truck Drivers | 8,465 | \$20.09 |
| Licensed Practical and Licensed Vocational Nurses | 3,334 | \$20.21 |
| Automotive Service Technicians and Mechanics | 2,655 | \$18.02 |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 1,377 | \$22.19 |
| Dental Assistants | 1,326 | \$17.58 |
| Telecommunications Equipment Installers and Repairers, Except Line Installers | 856 | \$23.05 |
| Medical Records and Health Information Technicians | 718 | \$18.09 |
| Tool and Die Makers | 653 | \$24.70 |
| Some college (no degree) | | |
| Bookkeeping, Accounting, and Auditing Clerks | 6,928 | \$18.13 |
| Computer User Support Specialists | 1,440 | \$21.68 |

| Occupational Title | Total Annual Openings | Median Wage, May 2017 |
|---|-----------------------|-----------------------|
| Associate degree | | |
| Physical Therapist Assistants | 1,005 | \$27.63 |
| Paralegals and Legal Assistants | 872 | \$21.24 |
| Computer Network Support Specialists | 776 | \$27.76 |
| Dental Hygienists | 578 | \$32.74 |
| Occupational Therapy Assistants | 576 | \$28.19 |
| Radiologic Technologists | 552 | \$26.38 |
| Bachelor's degree | | |
| Registered Nurses | 8,848 | \$30.43 |
| General and Operations Managers | 5,791 | \$44.77 |
| Accountants and Auditors | 4,493 | \$31.02 |
| Software Developers, Applications | 3,011 | \$42.89 |
| Market Research Analysts and Marketing Specialists | 2,766 | \$28.87 |
| Management Analysts | 2,219 | \$35.71 |
| Human Resources Specialists | 2,079 | \$27.14 |
| Financial Managers | 2,052 | \$55.81 |
| Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 1,999 | \$33.84 |
| Computer Systems Analysts | 1,867 | \$40.67 |
| Medical and Health Services Managers | 1,570 | \$43.67 |
| Child, Family, and School Social Workers | 1,222 | \$19.28 |
| Cost Estimators | 1,211 | \$28.53 |
| Construction Managers | 1,204 | \$43.66 |
| Mechanical Engineers | 1,165 | \$36.71 |
| Loan Officers | 1,158 | \$31.50 |
| Securities, Commodities, and Financial Services Sales Agents | 1,103 | \$29.03 |
| Industrial Engineers | 1,102 | \$38.24 |
| Master's degree | | |
| Mental Health and Substance Abuse Social Workers | 641 | \$18.45 |
| Nurse Practitioners | 574 | \$47.65 |
| Speech-Language Pathologists | 375 | \$35.65 |
| Doctoral or professional degree | | |
| Pharmacists | 628 | \$57.98 |
| Physical Therapists | 537 | \$41.25 |

* For a complete list of in-demand careers, look for  on OhioMeansJobs.com.

Apprenticeship in Ohio

Earn while you learn. Become an apprentice.



ApprenticeOhio

Registered Apprenticeship programs teach high-level skills for today's workplace. Ohio has Registered Apprenticeship programs in fields as diverse as construction, energy, health care, manufacturing, and utilities. Each program includes, at a minimum, 2,000 hours of structured on-the-job training and 144 hours per year of related classroom instruction.

On average, apprentices who complete their program earn \$60,000 per year upon graduation.

Visit apprentice.ohio.gov for more information.

| Occupational Title | Total Annual Openings | Median Wage, May 2017 |
|---|-----------------------|-----------------------|
| Apprenticeship Opportunities | | |
| Electricians | 2,983 | \$24.17 |
| Carpenters | 2,805 | \$21.88 |
| Plumbers, Pipefitters, and Steamfitters | 2,019 | \$25.15 |
| Structural Iron and Steel Workers | 383 | \$28.63 |



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