

Occupational trends are only one aspect of career choice and education planning. Use the following resources for additional information. To request copies of this publication, visit us at:

<http://www.odjfs.state.oh.us/forms/findform.asp?formnum=77100>

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

<http://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:

<http://www.bls.gov/oco/>

Local **OhioMeansJobs Centers** can offer assistance with career decisions:

<http://jfs.ohio.gov/owd/wia/wiamap.stm>

Visit **OhioMeansJobs** to post your resume and search for job opportunities:

<http://OhioMeansJobs.com>

Tell us what you think:

<http://OhioLMI.com/feedback.htm>



John R. Kasich, Governor
State of Ohio
<http://Ohio.gov>

Cynthia C. Dungey, Director
Ohio Department of Job and Family Services
<http://jfs.ohio.gov>

Office of Workforce Development
<http://jfs.ohio.gov/owd/>

Bureau of Labor Market Information
<http://OhioLMI.com>
Phone: 1-888-296-7541 or 614-752-9494

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2010-2020 Occupational Trends



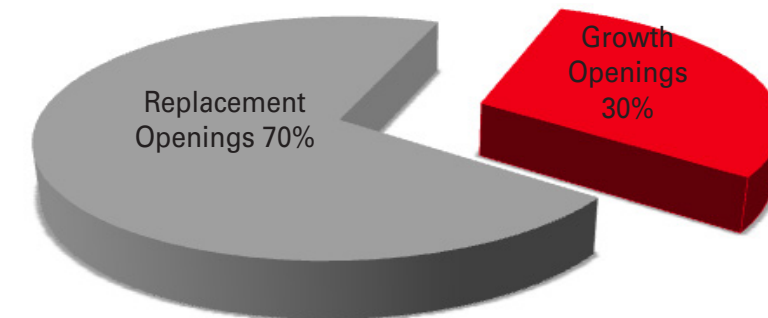
Ohio
Department of
Job and Family Services

Planning For Your Future...Today

Looking ahead is important for students, parents, counselors and educators in order to make informed career and education decisions. Individuals must evaluate interests, skills, aptitudes and experience when making career decisions, but there are additional factors to consider. Use this brochure to explore expected trends for future employment opportunities. The occupational trends information will allow you to make informed career, education and training decisions.



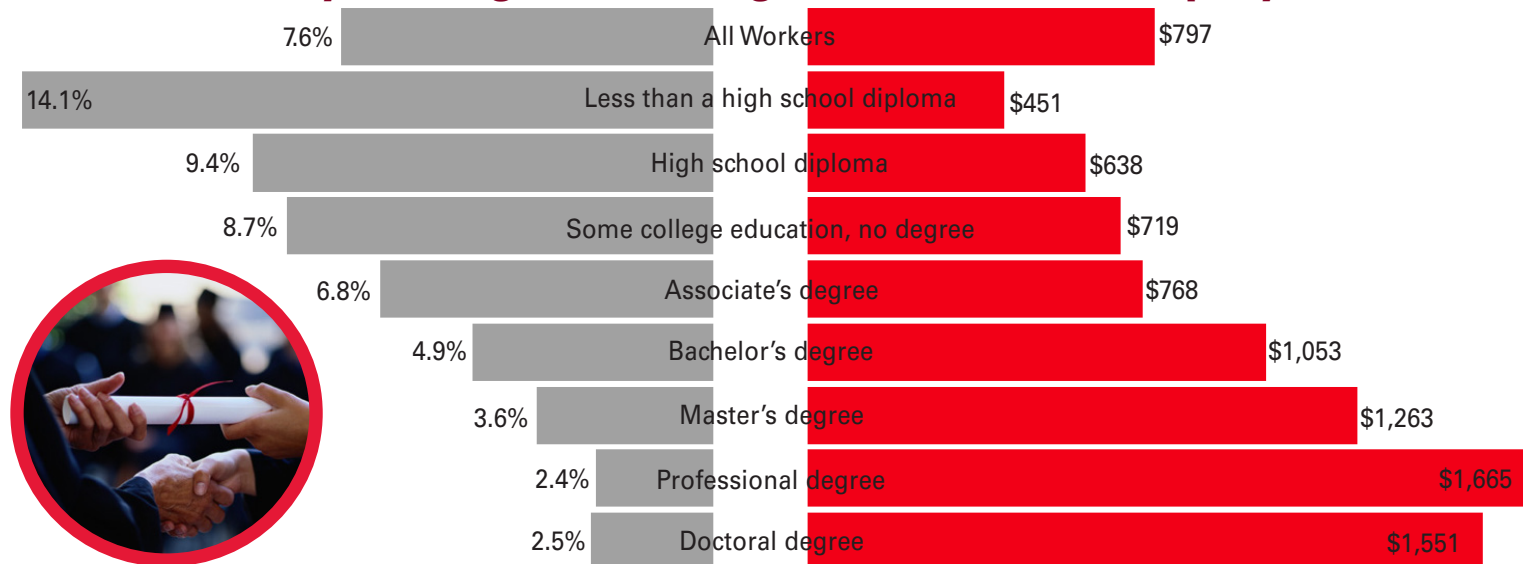
Total Annual Job Openings



Employment opportunities—job openings—are determined by growth and replacement needs.

Some occupations may be fast growing, but they may not offer many job openings. Other occupations may be slow growing but offer many jobs openings. Consider both the projected growth rates and average annual openings when exploring occupations.

Education Pays. . . higher earnings and lower unemployment rates



2011 Unemployment Rates in the United States (%)

2011 U.S. Median Weekly Earnings*

*Earnings for full-time wage and salary workers, ages 25 and older.
Source: U.S. Bureau of Labor Statistics

Ohio High-Growth, High-Wage Occupations

These occupations are above the 75th percentile for average earning, growth and job openings. Top occupational groups are business and financial operations, computer and mathematical and health care occupations.

Occupational Title*	Employment Growth Rate	Average Annual Openings	Average Wage, May 2011
Registered Nurses	20.4%	5,016	\$29.67
Computer Systems Analysts	21.5%	1,035	\$37.86
Software Developers, Applications	24.6%	768	\$38.51
Market Research Analysts and Marketing Specialists	34.7%	855	\$29.43
Network and Computer Systems Administrators	23.1%	586	\$30.69
Management Analysts	14.5%	694	\$37.87
Insurance Sales Agents	17.0%	638	\$29.38

*Sorted by absolute employment change

Employment Opportunities will be available at all education levels. Nearly 74 percent of jobs in Ohio today require at least a high school diploma or equivalent. Jobs that require postsecondary training or education are growing faster and offer higher wages than those that require less education.



Growth Rate by Educational Level

High school diploma	6.7%
All occupations	9.3%
Less than a high school diploma	10.3%
Bachelor's degree	11.0%
Postsecondary non-degree award	11.5%
Master's degree	12.9%
Doctoral or professional degree	13.6%
Some college education, no degree	14.1%
Associate's degree	14.4%

Occupations in Ohio with High-Employment Prospects

Occupations with high-employment prospects offer an average wage of \$15.67 an hour and are expected to have at least 900 annual openings.

	Average Annual Openings	Average Wage, May 2011
High school diploma (or equivalent) and 1 or more years related work experience		
Truck Drivers, Heavy and Tractor-Trailer	2,447	\$19.07
First-Line Supervisors of Office & Administrative Support	1,662	\$23.26
Farmers, Ranchers, & Other Agricultural Managers	1,462	\$18.35
First-Line Supervisors of Retail Sales Workers	1,332	\$32.54
Short-term on-the-job training		
Customer Service Representatives	2,916	\$15.67
Sales Representatives, Services, All Other	908	\$27.30
Moderate-term on-the-job training		
Sales Rep, Wholesale & Manufacturing, Except Technical & Scientific Products	1,537	\$28.04
Maintenance & Repair Workers, General	1,404	\$17.29
Bookkeeping, Accounting and Auditing Clerks	1,294	\$16.85
Apprenticeship		
Carpenters	971	\$19.63
Postsecondary non-degree award		
Licensed Practical and Licensed Vocational Nurses	1,831	\$19.41
Some college (no degree) plus moderate-term on-the-job training		
Computer Support Specialists	949	\$22.21
Associate's degree		
Registered Nurses	5,016	\$29.67
Bachelor's degree		
Accountants and Auditors	1,319	\$31.94
Computer Systems Analysts	1,035	\$37.86
Bachelor's degree plus internship or residency requirement		
Elementary School Teachers, except Special Education	1,492	\$56,400 †
Secondary School Teachers, except Special Education	910	\$55,270 †
Doctoral or professional degree		
Postsecondary Teachers, Except Graduate Teaching Assistants	1,338	\$68,856 †

† Annual earnings, typically for a 9½-month school year.

Ohio's Fastest Growing Occupations* 2010–2020

Ohio's Fastest Growing Occupations offer good employment opportunities for job seekers.

Occupational Title	Employment Growth Rate	Average Annual Openings	Average Wage, May 2011
Home Health Aides	55.5%	4747	\$9.79
Personal Care Aides	49.1%	999	\$9.89
Helpers -- Carpenters	46.3%	50	\$13.25
Veterinary Technologists & Technicians	42.8%	138	\$14.63
Petroleum Engineers	42.6%	39	\$52.08
Helpers, Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	42.0%	56	\$15.90
Meeting, Convention, & Event Planners	38.4%	100	\$21.64
Ambulance Driver & Attendants, Except Emergency Medical Technician	37.2%	77	\$9.72
Diagnostic Medical Sonographers	36.6%	119	\$28.24
Helpers-- Pipelayers, Plumbers, Pipefitters, & Steamfitters	35.3%	52	\$12.68
Market Research Analysts & Marketing Specialists	34.7%	855	\$29.43
Physical Therapist Aides	34.0%	76	\$11.84
Fashion Designers	34.0%	34	\$34.05
Interpreters & Translators	31.4%	90	\$23.05
Medical Secretaries	31.3%	1602	\$14.16
Medical Scientists, Except Epidemiologists	31.1%	85	\$32.22
Emergency Medical Technicians & Paramedics	30.6%	450	\$13.97
Physical Therapist Assistants	29.1%	162	\$25.25
Geoscientists, Except Hydrologists & Geographers	29.0%	40	\$33.55
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	28.9%	437	\$21.11
Occupational Therapy Assistants	28.9%	66	\$24.91
Software Developers, Systems Software	28.8%	246	\$40.85
Veterinarians	28.8%	117	\$42.12
Mental Health Counselors	28.7%	199	\$21.66
Actuaries	28.2%	68	\$49.11

*Occupations with at least 500 employment.

Occupations in Ohio with the Most Annual Job Openings 2010–2020

Ohio's annual job openings primarily result from replacement needs.

Occupational Title	Average Annual Openings	Average Wage, May 2011
Retail Salespersons	6,031	\$11.56
Combined Food Preparation & Serving Workers, Including Fast Food	5,812	\$8.73
Cashiers	5,766	\$9.26
Registered Nurses	5,016	\$29.67
Waiters & Waitresses	4,750	\$9.17
Home Health Aides	4,747	\$9.79
Laborers & Freight, Stock, & Material Movers, Hand	4,231	\$12.00
Office Clerks, General	3,294	\$13.71
Customer Service Rep	2,916	\$15.67
Truck Drivers, Heavy & Tractor-Trailer	2,447	\$19.07
Nursing Aides, Orderlies, & Attendants	1,968	\$11.59
Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,835	\$11.93
Licensed Practical & Licensed Vocational Nurses	1,831	\$19.41
Stock Clerks & Order Fillers	1,772	\$11.49
First-Line Sup of Office & Administrative Support Workers	1,662	\$23.26
Medical Secretaries	1,602	\$14.16
Childcare Workers	1,589	\$10.41
Sales Rep, Wholesale & Manufacturing, Except Technical & Scientific Products	1,537	\$28.04
Packers & Packagers, Hand	1,530	\$10.90
Team Assemblers	1,513	\$14.83
Elementary School Teachers, Except Special Education	1,492	\$56,400 †
Farmers, Ranchers, & Other Agricultural Managers	1,462	\$32.54
Maintenance & Repair Workers, General	1,404	\$17.29
Postsecondary Teachers, Except Graduate Teaching Assistants	1,338	\$68,856 †
First-Line Supervisor of Retail Sales Workers	1,332	\$18.35
Accountants & Auditors	1,319	\$31.94
Teacher Assistants	1,301	\$25,510 †
Bookkeeping, Accounting, & Auditing Clerks	1,294	\$16.85
Landscaping & Grounds keeping Workers	1,287	\$11.40

† Annual earnings, typically for a 9½-month school year.