When making career decisions, individuals must evaluate their interests, skills, aptitudes and experience. They also should consider other factors, such as the future outlook of occupations that interest them. This Snapshot of Occupational Projections contains a sampling of occupations and their expected growth from now to 2024. Almost all the occupations in this snapshot are considered to be “in demand” in Ohio. This means they pay well and have a promising future.

This brochure can be used to:

• Explore the future growth and demand for a variety of occupations.
• Plan course offerings.
• Develop training programs.
• Analyze Ohio’s labor market.

John R. Kasich, Governor
State of Ohio
Ohio.gov

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Office of Workforce Development
jfs.ohio.gov/owd/

Bureau of Labor Market Information
OhioLMI.com

Phone: 1-888-296-7541 or 614-762-3494

JFS 77100 (Rev. 2/2017)
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Ohio High-Growth, High-Wage Occupations

These in-demand occupations are above the 75th percentile for median wage, growth, and job openings.

<table>
<thead>
<tr>
<th>Occupational Title*</th>
<th>New Jobs, 2014–2024</th>
<th>Total Annual Openings</th>
<th>Median Wage, May 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Systems Analyst</td>
<td>5,990</td>
<td>978</td>
<td>$39.67</td>
</tr>
<tr>
<td>Software Developers, Applications</td>
<td>4,670</td>
<td>836</td>
<td>$40.83</td>
</tr>
<tr>
<td>General and Operations Managers</td>
<td>2,970</td>
<td>1,904</td>
<td>$43.25</td>
</tr>
<tr>
<td>Medical and Health Services Managers</td>
<td>2,850</td>
<td>698</td>
<td>$42.04</td>
</tr>
<tr>
<td>Physicians and Surgeons, All Other</td>
<td>2,560</td>
<td>710</td>
<td>$35.16</td>
</tr>
<tr>
<td>Managers, All Other</td>
<td>1,180</td>
<td>762</td>
<td>$44.87</td>
</tr>
</tbody>
</table>

*Sorted by absolute employment change.

Select Occupations by Education and Training Level

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

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>Total Annual Openings</th>
<th>Median Wage, May 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school plus short-term on-the-job training</td>
<td>1,129</td>
<td>$17.86</td>
</tr>
<tr>
<td>Construction Laborers</td>
<td>1,129</td>
<td>$17.86</td>
</tr>
<tr>
<td>High school diploma (or equivalent)</td>
<td>1,293</td>
<td>$27.15</td>
</tr>
<tr>
<td>Farmers, Ranchers, and Other Agricultural Managers</td>
<td>1,293</td>
<td>$27.15</td>
</tr>
<tr>
<td>First-Line Supervisors of Retail Sales Workers</td>
<td>1,274</td>
<td>$17.07</td>
</tr>
<tr>
<td>Medical and Health Services Managers</td>
<td>982</td>
<td>$23.76</td>
</tr>
<tr>
<td>Maintenance Occupations</td>
<td>1,202</td>
<td>$26.55</td>
</tr>
<tr>
<td>High school diploma plus long-term on-the-job training</td>
<td>1,202</td>
<td>$26.55</td>
</tr>
<tr>
<td>Maintenance and Repair Workers, General</td>
<td>1,202</td>
<td>$26.55</td>
</tr>
<tr>
<td>Machinists</td>
<td>1,150</td>
<td>$19.07</td>
</tr>
<tr>
<td>Postsecondary non-degree award</td>
<td>1,930</td>
<td>$19.95</td>
</tr>
<tr>
<td>Licensed Practical and Licensed Vocational Nurses</td>
<td>1,930</td>
<td>$19.95</td>
</tr>
<tr>
<td>Postsecondary non-degree award plus short-term on-the-job training</td>
<td>1,597</td>
<td>$19.65</td>
</tr>
<tr>
<td>Truck Drivers, Heavy and Tractor-Trailer</td>
<td>1,597</td>
<td>$19.65</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>459</td>
<td>$20.65</td>
</tr>
<tr>
<td>Bachelor's degree</td>
<td>4,833</td>
<td>$29.46</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>4,833</td>
<td>$29.46</td>
</tr>
<tr>
<td>General and Operations Managers</td>
<td>1,904</td>
<td>$43.25</td>
</tr>
<tr>
<td>Accountants and Auditors</td>
<td>1,438</td>
<td>$30.46</td>
</tr>
<tr>
<td>Computer Systems Analysts</td>
<td>978</td>
<td>$39.67</td>
</tr>
<tr>
<td>Software Developers, Applications</td>
<td>836</td>
<td>$40.83</td>
</tr>
<tr>
<td>Managers, All Other</td>
<td>762</td>
<td>$44.87</td>
</tr>
<tr>
<td>Medical and Health Services Managers</td>
<td>698</td>
<td>$42.04</td>
</tr>
<tr>
<td>Management Analysts</td>
<td>624</td>
<td>$35.72</td>
</tr>
<tr>
<td>Bachelor's degree plus long-term on-the-job training</td>
<td>2,711</td>
<td>$26.55</td>
</tr>
<tr>
<td>Sales Rep., Wholesale and Manufacturing, Except Technical and Scientific Products</td>
<td>2,711</td>
<td>$26.55</td>
</tr>
<tr>
<td>Physical Therapists</td>
<td>423</td>
<td>$39.38</td>
</tr>
<tr>
<td>Lawyers</td>
<td>406</td>
<td>$46.25</td>
</tr>
</tbody>
</table>

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

Annual Job Openings by Occupational Group

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

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>Change in Employment, 2014–2024</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total, All Occupations</td>
<td>300,200</td>
<td>169,956</td>
</tr>
<tr>
<td>Healthcare Practitioners and Technical Occupations</td>
<td>54,340</td>
<td>13,461</td>
</tr>
<tr>
<td>Healthcare Support Occupations</td>
<td>52,710</td>
<td>9,908</td>
</tr>
<tr>
<td>Food Preparation and Serving Related Occupations</td>
<td>30,850</td>
<td>21,319</td>
</tr>
<tr>
<td>Transportation and Material Moving Occupations</td>
<td>18,940</td>
<td>11,526</td>
</tr>
<tr>
<td>Education, Training, and Labor Occupations</td>
<td>17,980</td>
<td>8,576</td>
</tr>
<tr>
<td>Computer and Mathematical Occupations</td>
<td>17,240</td>
<td>3,826</td>
</tr>
<tr>
<td>Construction and Extraction Occupations</td>
<td>17,560</td>
<td>5,008</td>
</tr>
<tr>
<td>Business and Financial Operations Occupations</td>
<td>16,890</td>
<td>7,211</td>
</tr>
<tr>
<td>Personal Care and Service Occupations</td>
<td>15,320</td>
<td>7,173</td>
</tr>
<tr>
<td>Installations, Maintenance, and Repair Occupations</td>
<td>14,220</td>
<td>5,169</td>
</tr>
<tr>
<td>Office and Administrative Support Occupations</td>
<td>12,570</td>
<td>6,315</td>
</tr>
<tr>
<td>Building and Grounds Cleaning and Maintenance Occupations</td>
<td>9,740</td>
<td>20,209</td>
</tr>
<tr>
<td>Community and Social Service Occupations</td>
<td>7,580</td>
<td>2,806</td>
</tr>
<tr>
<td>Management Occupations</td>
<td>6,970</td>
<td>9,558</td>
</tr>
<tr>
<td>Protective Service Occupations</td>
<td>4,100</td>
<td>3,127</td>
</tr>
<tr>
<td>Life, Physical, and Social Science Occupations</td>
<td>2,430</td>
<td>1,195</td>
</tr>
<tr>
<td>Arts, Design, Entertainment, Sports, and Media Occupations</td>
<td>2,010</td>
<td>2,334</td>
</tr>
<tr>
<td>Legal Occupations</td>
<td>1,580</td>
<td>790</td>
</tr>
<tr>
<td>Architecture and Engineering Occupations</td>
<td>1,510</td>
<td>2,507</td>
</tr>
<tr>
<td>Farming, Fishing, and Forestry Occupations</td>
<td>-990</td>
<td>362</td>
</tr>
<tr>
<td>Production Occupations</td>
<td>-13,520</td>
<td>12,274</td>
</tr>
</tbody>
</table>

Annual Job Openings in Ohio with the Most Annual Job Openings 2014–2024

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Nurses</td>
<td>4,833</td>
</tr>
<tr>
<td>Nursing Assistants</td>
<td>2,711</td>
</tr>
<tr>
<td>Office Clerks, General</td>
<td>2,495</td>
</tr>
<tr>
<td>Customer Service Representatives</td>
<td>2,474</td>
</tr>
<tr>
<td>Licensed Practical and Licensed Vocational Nurses</td>
<td>1,930</td>
</tr>
<tr>
<td>General and Operations Managers</td>
<td>1,904</td>
</tr>
<tr>
<td>Maintenance and Repair Workers, General</td>
<td>1,638</td>
</tr>
<tr>
<td>Truck Drivers, Heavy and Tractor-Trailer</td>
<td>1,597</td>
</tr>
<tr>
<td>Team Assemblers</td>
<td>1,470</td>
</tr>
<tr>
<td>Accountants and Auditors</td>
<td>1,438</td>
</tr>
<tr>
<td>First-Line Supervisors/Managers of Food Preparation and Serving Workers</td>
<td>1,235</td>
</tr>
<tr>
<td>Farmers, Ranchers, and Other Agricultural Managers</td>
<td>1,293</td>
</tr>
<tr>
<td>First-Line Supervisors and Managers of Retail Sales Workers</td>
<td>1,274</td>
</tr>
<tr>
<td>Sales Rep., Wholesale and Manufacturing, Except Technical and Scientific Products</td>
<td>1,202</td>
</tr>
<tr>
<td>MACHINISTS</td>
<td>1,150</td>
</tr>
</tbody>
</table>

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 | 6,920 | $8.94 |
| Retail Salespersons | 6,002 | $9.92 |
| Cashiers | 4,960 | $9.13 |
| Home Health Aides | 4,476 | $9.83 |

Total Annual Job Openings

Job openings can result from industry growth or from replacement needs. Some occupations in fast-growing industries may have few annual job openings. Others in slow-growing industries may have a high number of openings because of staff turnover. Consider both the projected growth of an industry and the expected average annual openings when exploring occupations.