



Skilled Workforce: An Economic Development Driver for Ohio

Stacia Edwards
Director of Workforce Development



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Eric D. Fingerhut, Chancellor

University System of Ohio





University System of Ohio

The largest comprehensive public system of higher education in the nation

- 14 universities
- 23 university regional campuses
- 23 community colleges
- 50+ Adult Workforce Education (AWE) centers
- 65+ Adult Basic and Literacy Education (ABLE) programs



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Enrollment in the USO
2009 Fall Term

543,468 students
+14.8% from 2004

% of enrollment who were first
generation students
Fall 2009

49%

Degrees awarded - 2010

74,993

STEMM degrees awarded
2010

27,618

Distance learning enrollment
Fall 2009

93,653
+25.99% from fall 2008

Percent of graduates working
or attending school in Ohio
three years after graduation

Associate: 80.61%
Bachelor's: 60.86%
Graduate: 54.83%





What We Offer Businesses

- Talent
- World-class research excellence
 - \$2 billion R&D/year
 - 6th in the nation in total public research expenditures
- Faculty expertise
- Equipment and facilities
- Education and training for Ohio's current and future workforce

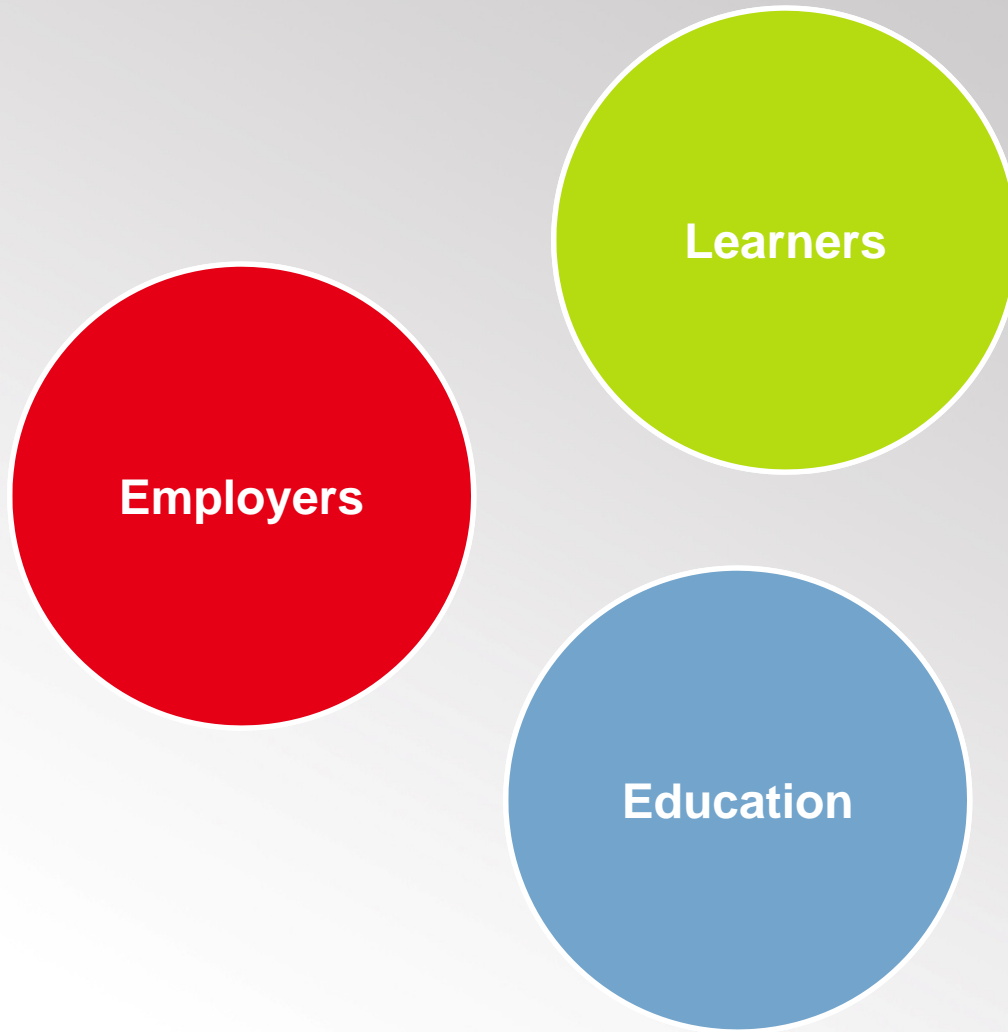


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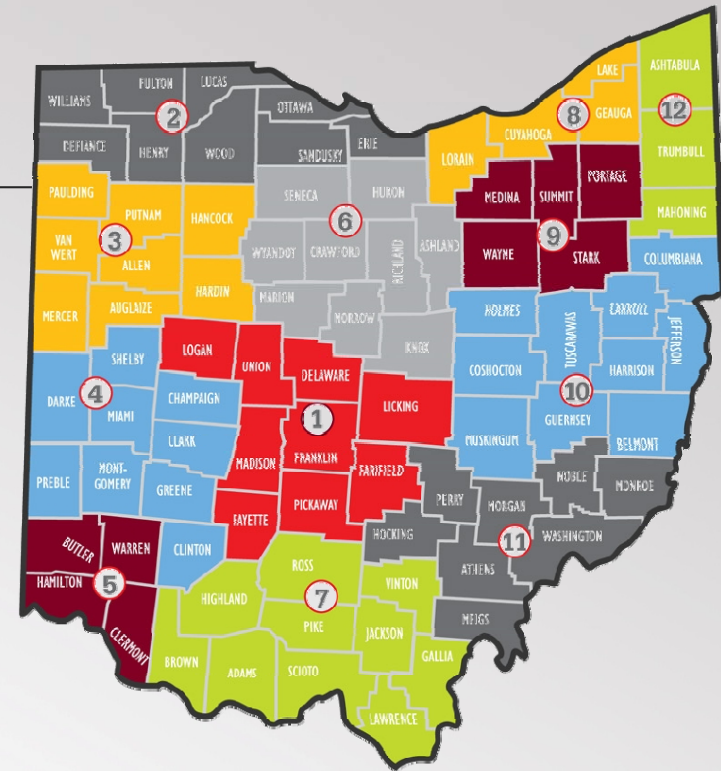
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Ohio Skills Bank

- Respond to employer demand
- Align education and training to meet employer demand
- Workforce Innovation Solutions



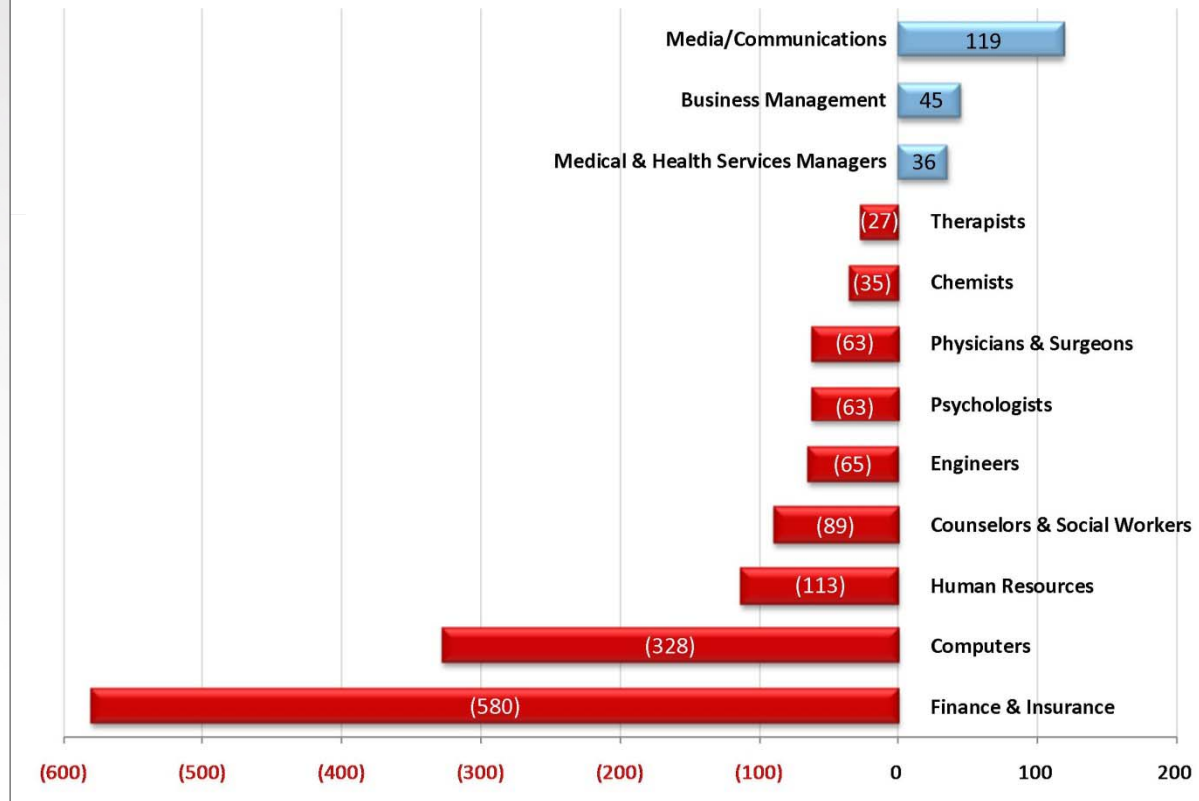
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Gap Analysis of Key Occupational Groups in Industry Drivers, 2010



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-Gap analysis is for the 9 county economic development region in southwest central Ohio (EDR 4)
-Source: EMSI Complete Employment-3rd Quarter 2010

The Challenge

Unfilled IT Jobs

Skills Gap

Low Pipeline

Industry-Driven
Solutions

Aligned
Curriculum

Real-World
Job
Experience

Marketing and
outreach to
existing and
potential students

Outcomes

Increase in number of students
qualified to fill existing and
future IT jobs

Increase in number
of students pursuing
IT careers



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Co-op Education and Internship Programs

- Benefits students, colleges, businesses
- Provides robust pipeline of trained, qualified employees
 - Reduces employer recruitment costs
- Attracts students and keeps best and brightest here
 - Across nation, 50-80% of co-op students offered permanent jobs
 - Retention after 5 years working is 30% higher

Ohio

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Challenges and Opportunities

- Meaningful employer engagement
 - Reaction time
 - Results
- Standardized credentialing
 - Stackable
- Investment
 - Grants
 - Co-op and Internship



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“As technological change races forward, demands for skills—some new and some old — are altered. If the workforce can rapidly make the adjustment, then economic growth is enhanced without greatly exacerbating inequality of economic outcomes. If, on the other hand, the skills that are currently demanded are produced slowly and if the workforce is less flexible in its skill set, then growth is slowed and inequality widens.”

Claudia Goldin & Lawrence F. Katz
The Race Between Education and Technology
(Cambridge, MA: Harvard University Press, 2008) 353



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