



**Manufacturing  
Extension Partnership**

# Using Data to Drive Successful Partnerships

<https://drive.google.com/file/d/1BgE9nj-iMyvemLSvi5huM32IFMocNa0O/view>



**Development  
Services Agency**

# Ohio Manufacturing Extension Partnership (MEP)

Driving productivity, growth, innovation  
and global competitiveness for  
Ohio's manufacturers



**FASTLANE**  
ACCELERATING MANUFACTURING GROWTH



**POLYMEROHIO**

Tech**S**olve



# Ohio MEP Needs Assessment Survey

Survey Respondents per County



## Size by Employee:

20 or less 26.7%

21-50 23.9%

51-100 18.6%

101-250 18.6%

251 + 12.1%

## Years in Operation:

Less than 4 4.9%

4-15 Years 11.9%





16 – 99 Years 74.3%

100 + Years 8.9%

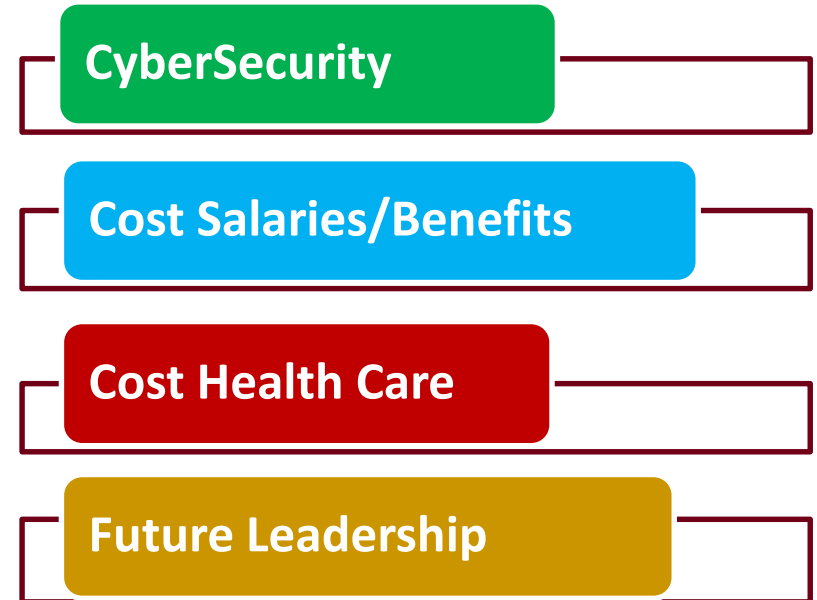
- 46.3% President/CEO/Owner
- 12.3% Vice President
- 10.1% General/Plant Manager
- 8.4% Human Resources
- 7.8% CFO
- 15.1% Other

# Ohio MEP Needs Assessment Survey

## Attracting new skilled workers is:

- Not affecting us  
 38.9%
- A growing concern  
 47.9%
- Hampering growth  
 10.1%
- Significantly hampering growth  
 3.1%

## Tops Areas of Growing Concern:



## ... formal training for our employees:

Business Management  
Lean Principles & Six Sigma  
Supply Chain Management  
Big Data & Predictive Analytics

OSHA/Safety/Quality  
Project Management  
Basic CNC Machining  
Industrial Maintenance

## Key results . . .

- Ongoing Continuous Improvement
- Identifying Growth Opportunities
- Employee Recruitment & Retention



# BUILDING PARTNERSHIPS

## **Ohio Manufacturers' Association**

**Workforce - LIFT - Advocacy**

## **Governor's Office on Workforce Transformation**

**In-Demand Jobs Week - Ohio Means Jobs Readiness Seal**

## **Adult Career Tech Administrators**

## **Ohio Talent Development Network**

**Connections to education partners with appropriate curriculum**

## **ApprenticeOhio**

**Connections to sponsored apprenticeship programs**

**Assistance to the manufacturer to stand up new apprenticeships**

## **Ohio Department of Higher Education**

**OhioTechNet - College Credit Plus**

**Other specialized certificates of study**

## **Ohio Manufacturing Institute**



# INTERNSHIPS & APPRENTICESHIPS

<https://www.youtube.com/watch?v=IAxDWWITYeE>

**Partners working together to support:**

- **Building on awareness at an earlier grade level**
- **Engage parents**
- **Ohio MEP High School Internship Program**
- **Pre-apprenticeship programs**
- **MfgDay**
- **In-Demand Jobs Week**
- **College Credit Plus**
- **Industry Specific Stackable Certificates**
- **Ohio Sponsored Apprenticeships**
- **Continuing professional development**



# CAREER PATH – Future Workforce in Manufacturing



## Career Exploration

*Grades 9 - 12*

Ohio MEP HS Internship Program and others  
In-Demand Jobs Week - Career Fair  
Pre-Apprenticeship Program (1 year)  
College Credit Plus and other opportunities  
Tours of Career Techs with Manufacturing  
Automation  
MfgDay



## Build Awareness

*Grades 5 - 9*

In-Demand Jobs Week  
In Class Demonstrations  
Parents' Night to Showcase  
Manufacturing Careers  
MfgDay



# CAREER PATH – Future Workforce in Manufacturing

**Career with  
Life-long Learning**

Stackable Certificates to support Career  
Ohio Talent Development Network  
Apprenticeship (4 years)  
Employer engagement & benefits  
Ohio MEP continuing support



**Build My Career Strategy**

*Grades 11 - 12*

Ohio MEP HS Internship Program and others  
Pre-Apprenticeship Program (1 year)  
College Credit Plus and other opportunities  
Apprenticeship program  
Ohio Means Jobs Readiness Seal  
CIFT Food Industry Certificate and others



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# THANK YOU!

*Questions?*

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