State of the Region: A Brief Review of Key Economic Trends

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Unemployment Rates Over Time

Graph showing unemployment rates for the U.S., Ohio, and APEG MEP from 2000 to 2012.
Labor Force Participation Rates

US
Ohio
Alternative Measures of Unemployment, Ohio 2013

- Official Unemployment Rate: 7.6%
- Plus Discouraged Workers: 8.0%
- Plus Marginally Attached Workers: 8.9%
- Plus Employed PT for Economic Reasons: 13.6%
Manufacturing's Share of Non-Farm Employment

- **U.S.**
- **OH**

Yearwise data from 2000 to 2013* is shown, with a decreasing trend in the share of non-farm employment attributed to manufacturing.
Ohio—Percent Change in Employment Since 2000

Non-Farm: 5.6 million jobs to 5.2 million jobs (-7.6%)
Manufacturing: 1 million jobs to 662,000 jobs (-35.1%)
Ohio 2010 to 2020 Projected Change in Employment in Select Manufacturing Subsectors

- Fabricated Metal Product Mfg
- Transportation Equipment Mfg
- Plastics and Rubber Products Mfg
- Wood Product Mfg
- Furniture and Related Product Mfg
- Nonmetallic Mineral Product Mfg
- Food Mfg
- Beverage and Tobacco Product Mfg
- Textile Product Mills
- Petroleum and Coal Products Mfg
- Primary Metal Mfg
- Printing and Related Support Activities
- Paper Mfg
- Electrical Equipment, Appliance, and Component Mfg
- Chemical Mfg
- Miscellaneous Mfg
- Computer and Electronic Product Mfg
- Machinery Mfg

Change in employment range from -8,000 to 10,000.
Projected Changes in Ohio Fabricated Metal Employment, 2010 to 2020

- Architectural and Structural Metals: 2,160
- Other Fabricated Metal Product Mfg: 2,150
- Coating, Engraving, Heat Treating, and Allied Activities: 1,820
- Machine Shops; Turned Product; and Screw, Nut, and Bolt Mfg: 1,060
- Forging and Stamping: 880
- Boiler, Tank, and Shipping Container Mfg: 630
- Cutlery and Handtool Mfg: 60

Source: [Ohio Employment Data](link)
Where Do Workers Go To Work?

Roughly half million workers in region.
Commuting Patterns

45,512 people live outside the APEG region and commute into the Region for work

135,665 people live in the APEG region and commute out of the Region for work

For every person who commutes into the region for work, roughly 3 commute out
APEG MEP Region Population (in millions)

- 1970: 1.143
- 1980: 1.248
- 1990: 1.223
- 2000: 1.277
- 2010: 1.294
- 2020*: 1.285
- 2030*: 1.274
- 2040*: 1.270
Projected Change in Population after 2010

- Ohio 2020: 0.3%
- APEG MEP 2020: -0.7%
- Ohio 2030: 0.7%
- APEG MEP 2030: -1.5%
- Ohio 2040: 1.2%
- APEG MEP 2040: -1.9%
Educational Attainment of the Population Age 25+

- No HS Diploma: APEG MEP Region 16.2%, Ohio 11.8%
- HS Diploma or Equivalent: APEG MEP Region 44.2%, Ohio 34.9%
- Some College, No Degree: APEG MEP Region 18.2%, Ohio 20.9%
- Associate's Degree: APEG MEP Region 7.9%, Ohio 7.7%
- Bachelor's Degree: APEG MEP Region 8.5%, Ohio 15.6%
- Graduate or Professional Degree: APEG MEP Region 5.0%, Ohio 9.1%

APEG MEP Region vs Ohio

Ohio
Concluding Thoughts

Challenges:
• Region’s residents are older and less educated than Ohio and the US.
• Region’s population is projected to continue to decline. Potential brain drain of region’s talent.

Opportunities
• Commuting patterns reveal existing workforce living in region but working outside region. These residents are capable of filling new jobs.
• Projected growth in key manufacturing areas projected for re-shoring opportunities and actively being cultivated by economic development leaders in region.