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01 overview

Eastern Indiana Regional Planning Commission Region, IN
The Eastern Indiana Regional Planning Commission Region is comprised of five Indiana counties. I-70 passes through the central part of the region connecting to Indianapolis to the west and Dayton, OH to the east.

- Fayette
- Randolph
- Rush
- Union
- Wayne
02
industry
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analysis

Eastern Indiana Regional Planning Commission Region, IN
Industry cluster analysis

How to interpret cluster data results

The graph’s four quadrants tell a different story for each cluster.

- **Mature** (Top left) (strong but declining)
  - Contains clusters that are more concentrated in the region but are declining (negative growth). These clusters typically fall into the lower quadrant as job losses cause a decline in concentration.

- **Stars** (Top right) (strong and advancing)
  - Contains clusters that are more concentrated in the region and are growing. These clusters are strengths that help a region stand out from the competition. Small, high-growth clusters can be expected to become more dominant over time.

- **Transforming** (Bottom left) (weak and declining)
  - Contains clusters that are under-represented in the region (low concentration) and are also losing jobs. Clusters in this region may indicate a gap in the workforce pipeline if local industries anticipate a future need. In general, clusters in this quadrant show a lack of competitiveness.

- **Emerging** (Bottom right) (weak but advancing)
  - Contains clusters that are under-represented in the region but are growing, often quickly. If growth trends continue, these clusters will eventually move into the top right quadrant. Clusters in this quadrant are considered emerging strengths for the region.

Industry and occupation

Industry cluster bubble chart

- **Mature**
  - Glass & Ceramics, 4.54, 497
  - Agri. & Food Process., 2.38, 4,517
  - Biomedical/Biotechnical, 1.32, 6,624
  - Mining, 0.72, 138

- **Transforming**
  - IT & Telecomm., 0.28, 707
  - Printing & Publishing, 0.60, 659
  - Defense & Security, 0.34, 925

- **Emerging**
  - Apparel & Textiles, 0.90, 423
  - Mfg Supercluster, 2.39, 5,184
  - Chemicals & Chemical Based, 2.47, 1,920
  - Advanced Materials, 2.27, 4,334
  - Forest & Wood Prod., 2.36, 2,164

- **Star**
  - Edu. & Knowledge, 1.01, 1,504
  - Energy (Fossil & Renewable), 0.59, 2,026
  - Transportation & Logistics, 1.01, 2,037
  - Arts & Ent., 0.50, 1,306

Source: EMSI Class of Worker 2014.4 (QCEW, non-QCEW, self-employed and extended proprietors).
Note: Label includes cluster name, LQ 2014, and Employment 2014; NAICS 2012 definitions
Industry and occupation

Manufacturing sub-cluster bubble chart

Note: Label includes cluster name, LQ 2014, and Employment 2014; NAICS 2012 definition

Source: EMSI Class of Worker 2014.4 (QCEW, non-QCEW, self-employed and extended proprietors).
Note: Label includes cluster name, LQ 2014, and Employment 2014; NAICS 2012 definition.
# Industry cluster analysis

## Mature Clusters
- Glass & Ceramics (4.54; 497)
- Machinery Manufacturing (3.32; 1,401)
- Agribusiness, Food Processing & Tech (2.38; 4,517)

## Star Clusters
- Primary Metal Manufacturing (4.76; 695)
- Transportation Equipment Mfg. (2.89; 1,624)
- Fabricated Metal Product Mfg. (2.56; 1,336)
- Chemicals & Chemical Based Products (2.47; 1,920)
- Manufacturing Supercluster (2.39; 5,184)
- Forest & Wood Products (2.36; 2,164)
- Advanced Materials (2.27; 4,334)
- Biomed/Biotechnical (Life Science) (1.32; 6,624)
- Transportation & Logistics (1.01; 2,037)
- Education & Knowledge Creation (1.01; 1,504)

## Transforming Clusters
- Mining (0.72; 138)
- Printing & Publishing (0.60; 659)
- Business & Financial Services (0.40; 3,412)
- Defense & Security (0.34; 925)
- Information Technology & Telecom. (0.28; 707)
- Elec. Equip., App. & Component Mfg. (0.25; 35)*
- Computer & Electronic Product Mfg. (0.24; 93)*

## Emerging Clusters
- Apparel & Textiles (0.90; 423)
- Energy(Fossil & Renewable) (0.59; 2,026)
- Arts, Ent, Rec. & Visitor Industries (0.50; 1,306)


**NOTE:** The first number after each cluster represents its location quotient while the second number represents the number of total jobs (full and part time jobs by place of work) in that cluster in the region in 2014. The clusters are sorted in decreasing order by location quotient.
Industry and occupation
Bubble chart interpretation

Mature Industries
Three industry clusters in the Eastern Indiana Regional Planning Commission Region are in the Maturing stage: Glass & Ceramics; Machinery Manufacturing; Agribusiness, Food Processing & Technology. These industries are relatively concentrated, but their growth is trending downward. It is worth noting, however, that the Eastern Indiana Regional Planning Commission Region may find it worthwhile to invest in efforts to shore up the concentration of these industries.

Transforming Industries
Transforming clusters capture the mix of industries that are experiencing relative decline and limited export capability. In the Eastern Indiana Regional Planning Commission Region, Mining; Printing & Publishing; Business & Financial Services; Defense & Security; Information Technology & Telecom. are all Transforming clusters. Any amount of growth in these industries would require relatively large investments.

Star Industries
Star industry clusters are highly concentrated, exporting and still experiencing growth in the region. The most highly concentrated of the Star industry clusters in the Eastern Indiana Regional Planning Commission Region is Primary Metal Manufacturing. Its location quotient is 4.76, indicating that the cluster is 5 times more concentrated in the region compared to the U.S. The other strong clusters in the region are Transportation Equipment Mfg.; Fabricated Metal Product Mfg.; Chemicals & Chemical Based Products; Manufacturing Supercluster; Forest & Wood Products and Advanced Materials.

Emerging Industries
Industry clusters that may be poised for future growth are classified as “Emerging.” There are three Emerging clusters in the Eastern Indiana Regional Planning Commission Region: Apparel & Textiles; Energy (Fossil & Renewable); and Arts, Entertainment, Recreation & Visitor Industries.

Source: EMSI Class of Worker 2014.4 (QCEW, non-QCEW, self-employed and extended proprietors).