

REGIONAL SNAPSHOT

Industry Cluster Analysis

Eastern Indiana Regional Planning Commission Region, Indiana





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Overview

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Overview

Eastern Indiana Regional Planning Commission Region

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



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Eastern Indiana Regional Planning Commission Region, IN

Industry cluster analysis

How to interpret cluster data results

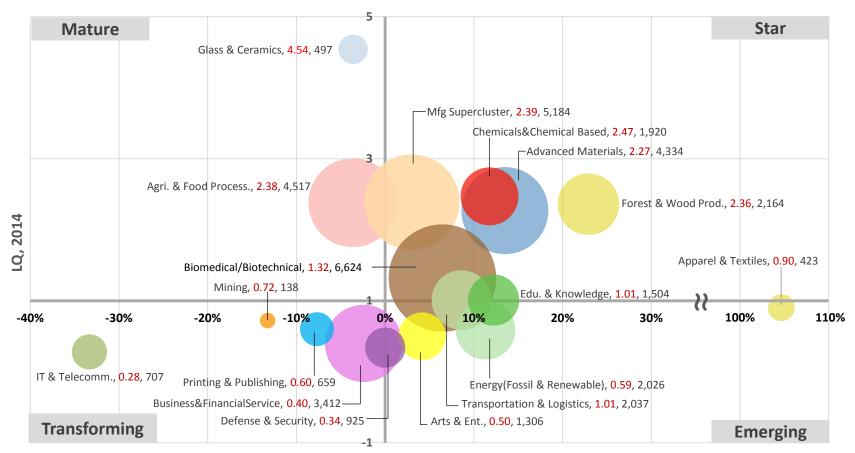
The graph's four quadrants tell a different story for each cluster.

Contains clusters to concentrated in the re- are declining (negative gro- These clusters typically into the lower quadrant a job losses cause a decline in concentration.	gion but owth). fall	concent grow st	usters that are more crated in the region and are ving. These clusters are rengths that help a region stand out from the competition. Small, high-growth clusters can be expected to become more dominant over time.
Contains clusters that are under-represented in the region (low concentration) and are also losing jobs Clusters in this region ma indicate a gap in the workf pipeline if local industries an a future need. In general, clus quadrant show a lack of competitiveness.	ay declining) orce ticipate	quad	Contains clusters that are under-represented in the region but are growing, often quickly. If growth trends continue, these clusters will ventually move into the top right rant. Clusters in this quadrant idered emerging strengths on.

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Industry and occupation

Industry cluster bubble chart



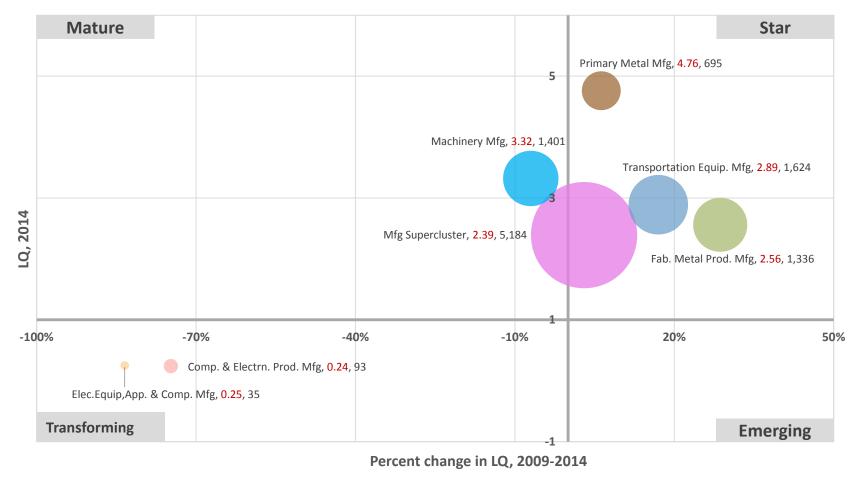
Percent change in LQ, 2009-2014

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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: Elec. Equipment, App. & Component Mfg. and Computer & Electronic Product Mfg. subclusters have too few jobs.

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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)

Level of Specialization

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)

Percent Growth in Specialization

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

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Apparel & Textiles (**0.90**; 423)

Energy(Fossil & Renewable) (0.59; 2,026)

Arts, Ent, Rec. & Visitor Industries (0.50; 1,306)

* Elec. Equipment, App. & Component Mfg. and Computer & Electronic Product Mfg. subclusters have too few jobs.

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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.