

REGIONAL SNAPSHOT

Industry Cluster Analysis
Rivers Confluence Region, Iowa-Illinois-Missouri





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01 overview

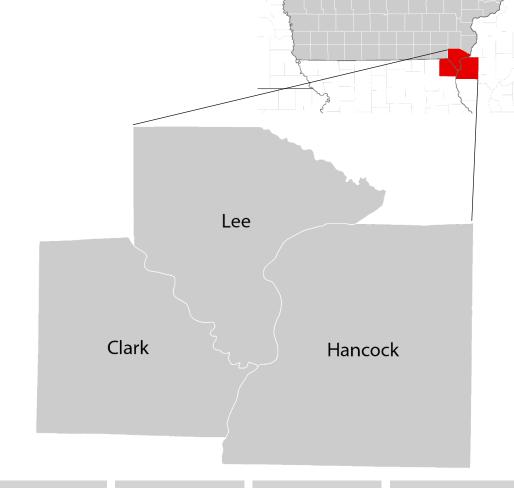
Rivers Confluence Region, Tri-State

Overview

Rivers Confluence Region

The Rivers Confluence Region is comprised of three counties from three neighboring states: Iowa, Illinois and Missouri. State Highway 61 passes through the central part of the region connecting to I-80 to the north.

- Hancock, IL
- Lee, IA
- Clark, MO



1ndustry cluster analysis

Rivers Confluence Region, Tri-State

Industry cluster analysis

How to interpret cluster data results

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

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.

Mature

Top left (strong but declining)

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.

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.

Transforming

Bottom left (weak and declining)

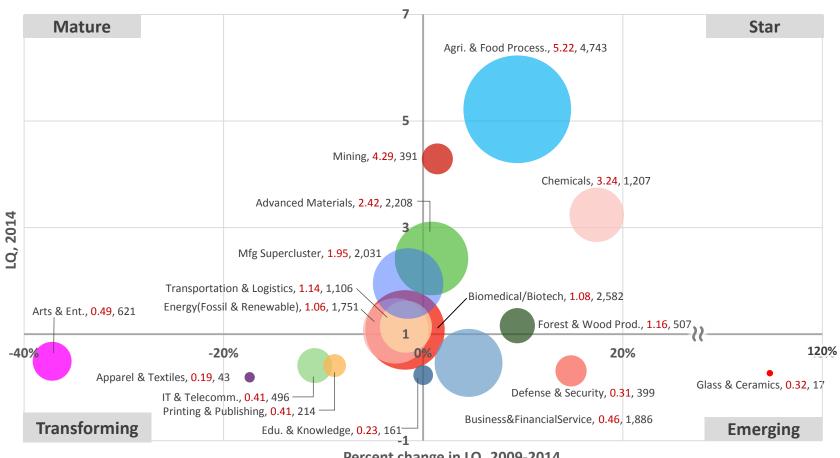
Emerging

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

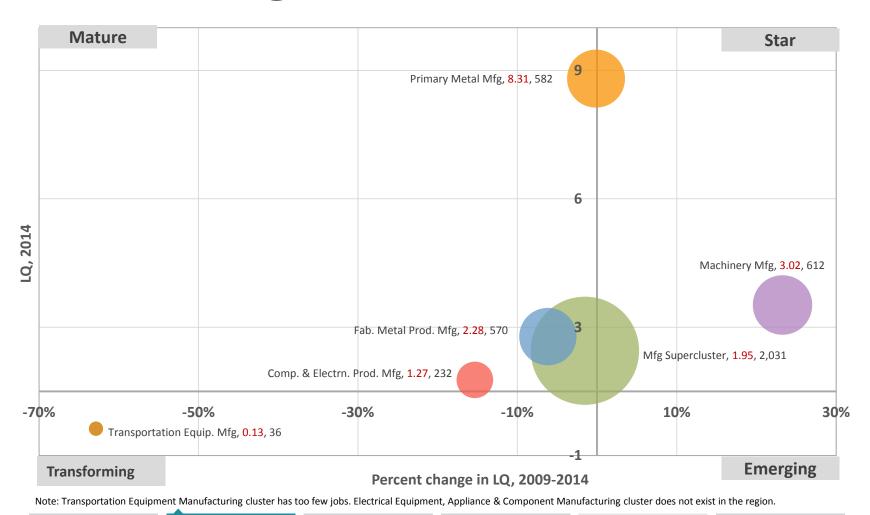


Percent change in LQ, 2009-2014

Note: Glass & Ceramics and Apparel & Textiles clusters have too few jobs

Industry and occupation

Manufacturing sub-cluster bubble chart



Industry cluster analysis

Mature Clusters

Primary Metal Manufacturing (8.31; 582)

Fabricated Metal Product Mfg. (2.28; 570)

Manufacturing Supercluster (1.95; 2,031)

Computer & Electronic Product Mfg. (1.27; 232)

Transportation & Logistics (1.14; 1,106)

Biomed/Biotechnical (Life Science) (1.08; 2,582)

Energy(Fossil & Renewable) (1.06; 1,751)

Mining Chemic

Level of Specialization

Star Clusters

Agribusiness, Food Processing & Tech (5.22; 4,743)

Mining (4.29; 391)

Chemicals/Chemical-based Prod (3.24; 1,207)

Machinery Manufacturing (3.02; 612)

Advanced Materials (2.42; 2,208)

Forest & Wood Products (1.16; 507)

Transforming Clusters

Arts, Ent, Recreation. & Visitor Industries (0.49; 621)

Information Technology & Telecom. (0.41; 496)

Printing & Publishing (0.41; 214)

Education & Knowledge Creation (0.23; 161)

Apparel & Textiles (0.19; 43)

Transportation Equipment Mfg. (0.13; 36)

Percent Growth in Specialization

Emerging Clusters

Business & Financial Services (0.46; 1,886)

Glass & Ceramics (0.32; 17)

Defense & Security (0.31; 399)

section 02

Industry and occupation

Bubble chart interpretation

Mature Industries

Seven industry clusters in the Rivers Confluence Region are in the Maturing stage: Primary Metal Mfg., Fabricated Metal Product Mfg., Manufacturing Supercluster, Computer & Electronic Product Mfg., Transportation & Logistics, Biomed/Biotechnical, and Energy. These industries are relatively concentrated, but their growth is trending downward. It is worth noting, however, that the Rivers Confluence 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 Rivers Confluence Region, Arts, Ent, Recreation. & Visitor Industries, Information Technology & Telecom., Printing & Publishing, Education & Knowledge Creation, Apparel & Textiles, Transportation Equipment Mfg., 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 Rivers Confluence Region is Agribusiness, Food Processing & Technology. Its location quotient is 5.22, 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 Mining, Chemicals/Chemical-based Products, Machinery Manufacturing, Forest and Wood Product, 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 Rivers Confluence Region: Business & Financial Services, Defense & Security and Glass & Ceramics.