

REGIONAL SNAPSHOT

Industry Cluster Analysis

Southeast Iowa Region, Iowa





Center for Regional Development Advancing Collaboration : Energizing Regions

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Industry Cluster Analysis

Overview

01 overview

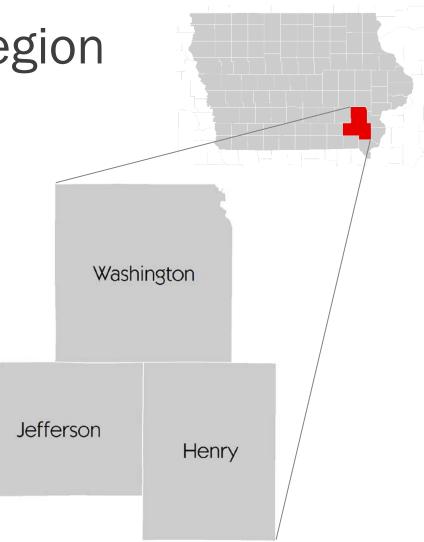
Southeast Iowa Region, IA

Overview

Southeast Iowa Region

The Southeast Iowa Region is comprised of three Iowa counties. State Highway 34 passes through the central part of the region connecting to I-35 to the West and I-74 to the East.

- Henry
- Jefferson
- Washington



02 Industry cluster analysis

Southeast Iowa Region, IA

Industry cluster analysis

How to interpret cluster data results

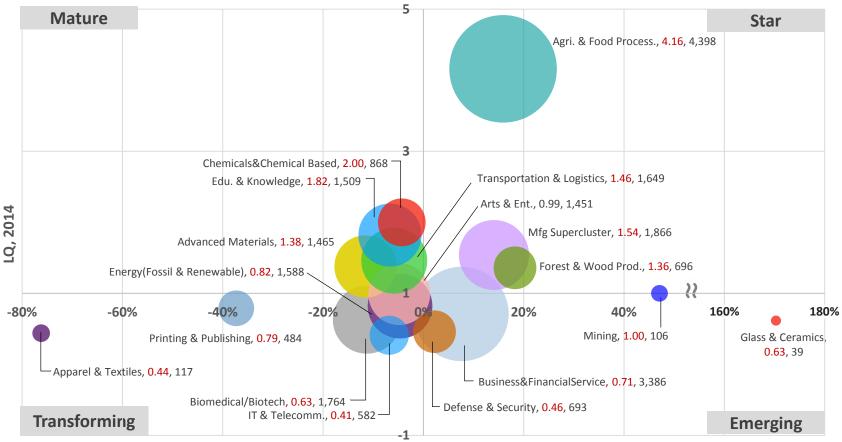
The graph's four quadrants tell a different story for each cluster.

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

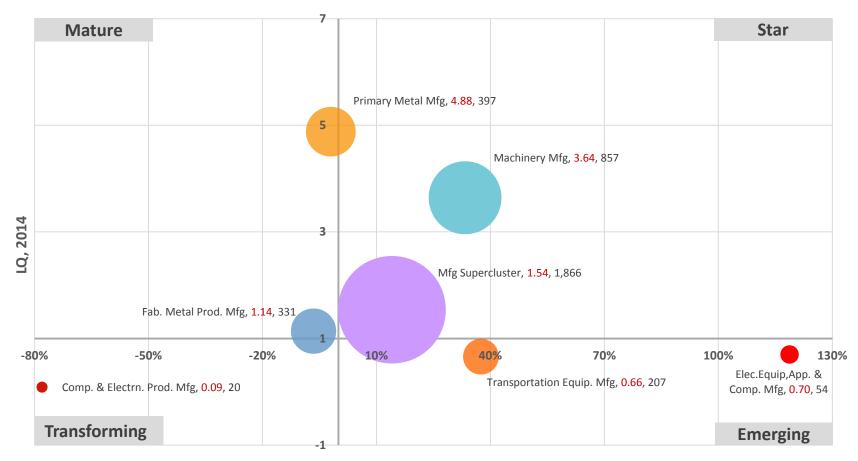
Note: Glass & Ceramics cluster has too few jobs

section 02

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



Percent change in LQ, 2009-2014

Note: Computer & Electronic Prod Manufacturing and Electrical Equipment, Appliance & Component Manufacturing clusters have too few jobs

section 02

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

Primary Metal Manufacturing (4.88; 397)

Chemicals/Chemical-based Products (2.00; 868)

Education & Knowledge Creation (1.82; 1,509)

Transportation & Logistics (1.46; 1,649)

Advanced Materials (1.38; 1,465)

Fabricated Metal Product Mfg. (1.14; 331)

Level of Specialization

Star Clusters

Agribusiness, Food Processing & Tech (4.16; 4,398) Machinery Manufacturing (3.64; 857) Manufacturing Supercluster (1.54; 1,866) Forest & Wood Products (1.36; 696) Mining (1.00; 106)

Percent Growth in Specialization

Transforming Clusters

Arts, Ent, Recreation. & Visitor Industries (0.99; 1,451)

Energy(Fossil & Renewable) (0.82; 1,588)

Printing & Publishing (0.79; 484)

Biomed/Biotechnical (Life Science) (0.63; 1,764)

Apparel & Textiles (0.44; 117)

Information Technology & Telecom. (0.41; 582)

Computer & Electronic Prod Mfg. (0.09; 20)

Emerging Clusters

Business & Financial Services (0.71; 3,386)

Electronic Equip, App & Comp Mfg. (0.70; 54)

Transportation Equipment Mfg. (0.66; 207)

Glass & Ceramics (0.63; 39)

Defense & Security (0.46; 693)

section 02

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

Six industry clusters in the Southeast Iowa Region are in the Maturing stage: Primary Metal Manufacturing, Chemicals/Chemical-based Products, Education & Knowledge Creation, Transportation & Logistics, Advanced Materials and Fabricated Metal Product Mfg. These industries are relatively concentrated, but their growth is trending downward. It is worth noting, however, that the Southeast Iowa 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 Southeast Iowa Region, Arts, Ent, Recreation. & Visitor Industries; Energy; Printing & Publishing; Biomed/Biotechnical (Life Science); Apparel & Textiles; Information Technology & Telecom.; and Computer & Electronic Prod 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 Southeast Iowa Region is Agribusiness, Food Processing & Technology. Its location quotient is 4.16, indicating that the cluster is 4 times more concentrated in the region compared to the U.S. The other strong clusters in the region are Machinery Manufacturing, Manufacturing Supercluster, and Forest & Wood Products. Mining is specialized but has a low number of jobs.

Emerging Industries

Industry clusters that may be poised for future growth are classified as "Emerging." There are five Emerging clusters in the Southeast Iowa Region. Top three that have the highest jobs are Business & Financial Services, Transportation Equipment Mfg., and Defense & Security. The other two are Electrical Equip., App. & Comp. Mfg. and Glass & Ceramics.