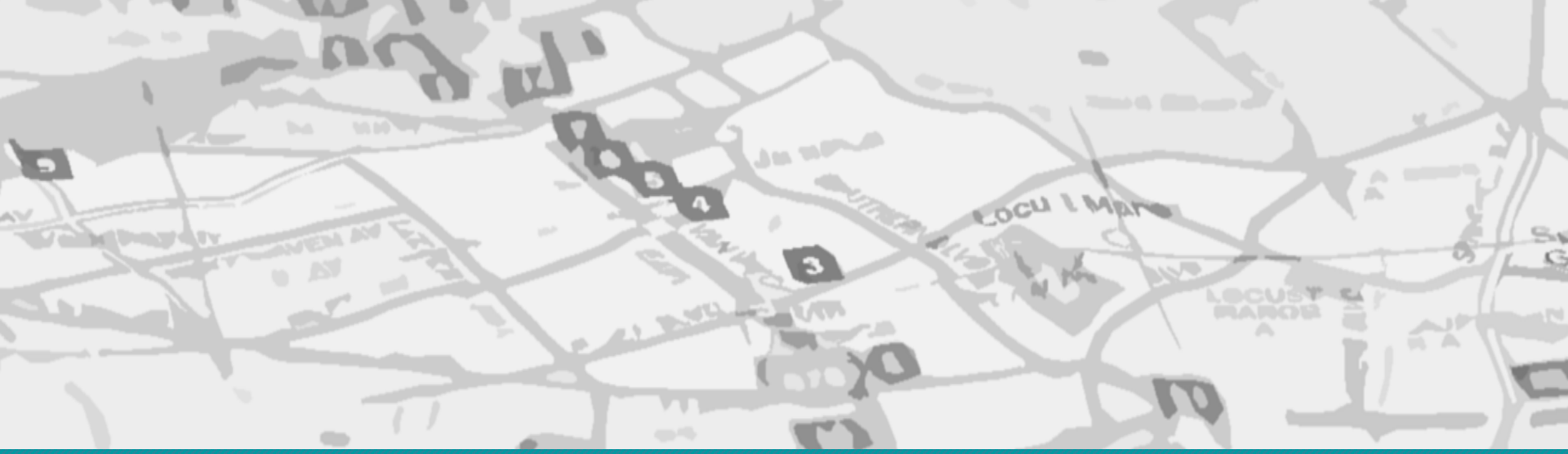


REGIONAL SNAPSHOT

Marshall-Putnam-Stark Region, Illinois

PURDUE UNIVERSITY

Center for Regional Development
Advancing Collaboration : Energizing Regions

Table of contents

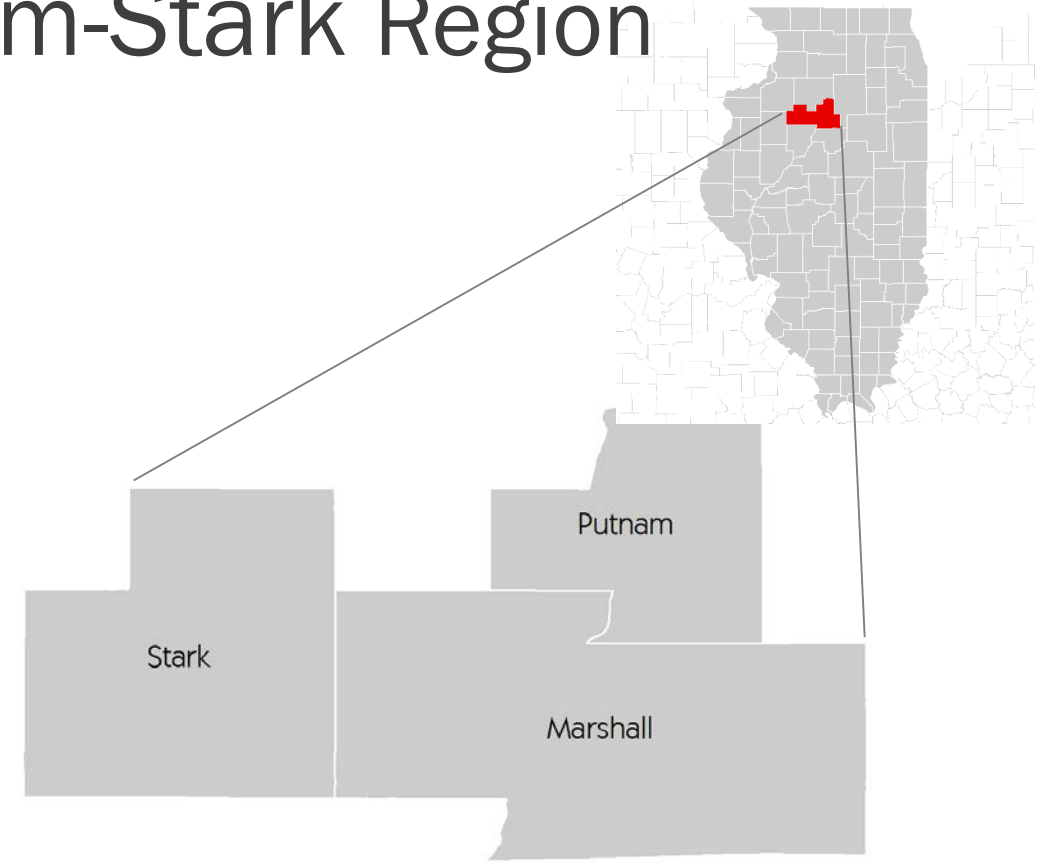
01 overview

Marshall-Putnam-Stark Region, IL

Marshall-Putnam-Stark Region

The Marshall-Putnam-Stark Region is comprised of three Northern Illinois counties. I-39 passes at the eastern edge of the region connecting to I-80 to the north, and I-55 and I-74 to the south.

- Marshall
- Putnam
- Stark

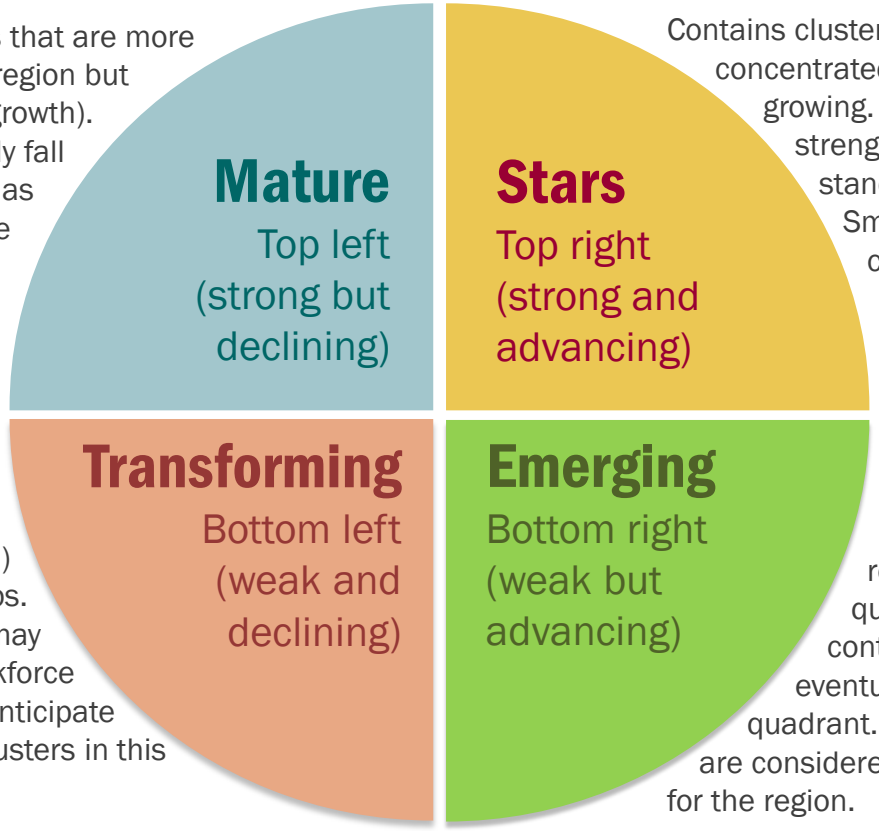


02 Industry cluster analysis

Marshall-Putnam-Stark Region, IL

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.

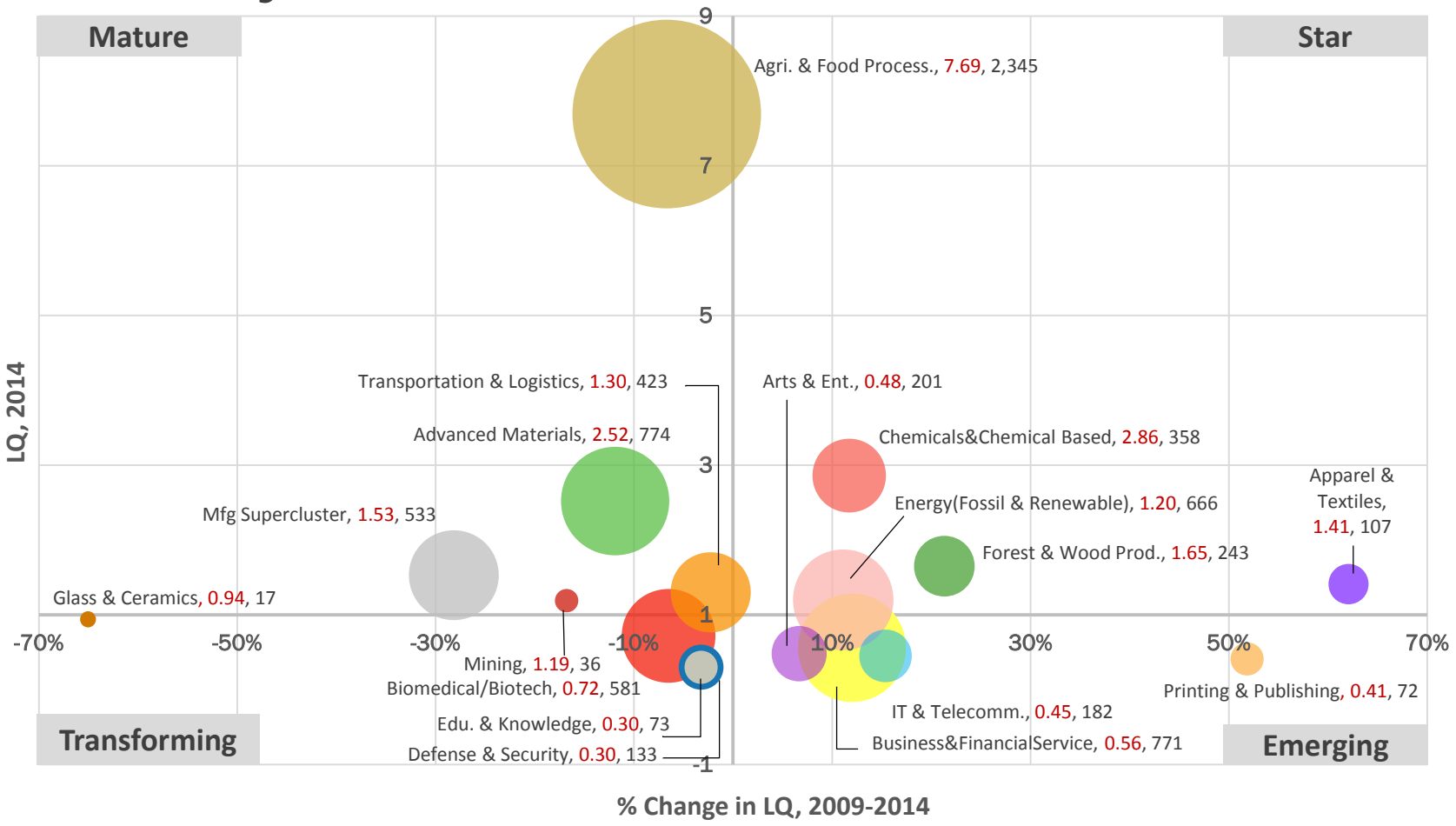
Contains clusters that are more concentrated in the region and are growing. These clusters are strengths that help a community stand out from the competition. Small, high-growth clusters can be expected to become more dominant over time.

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.

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.

Modified from: http://www.charlestonregionaldata.com/bubble-chart-explanation/

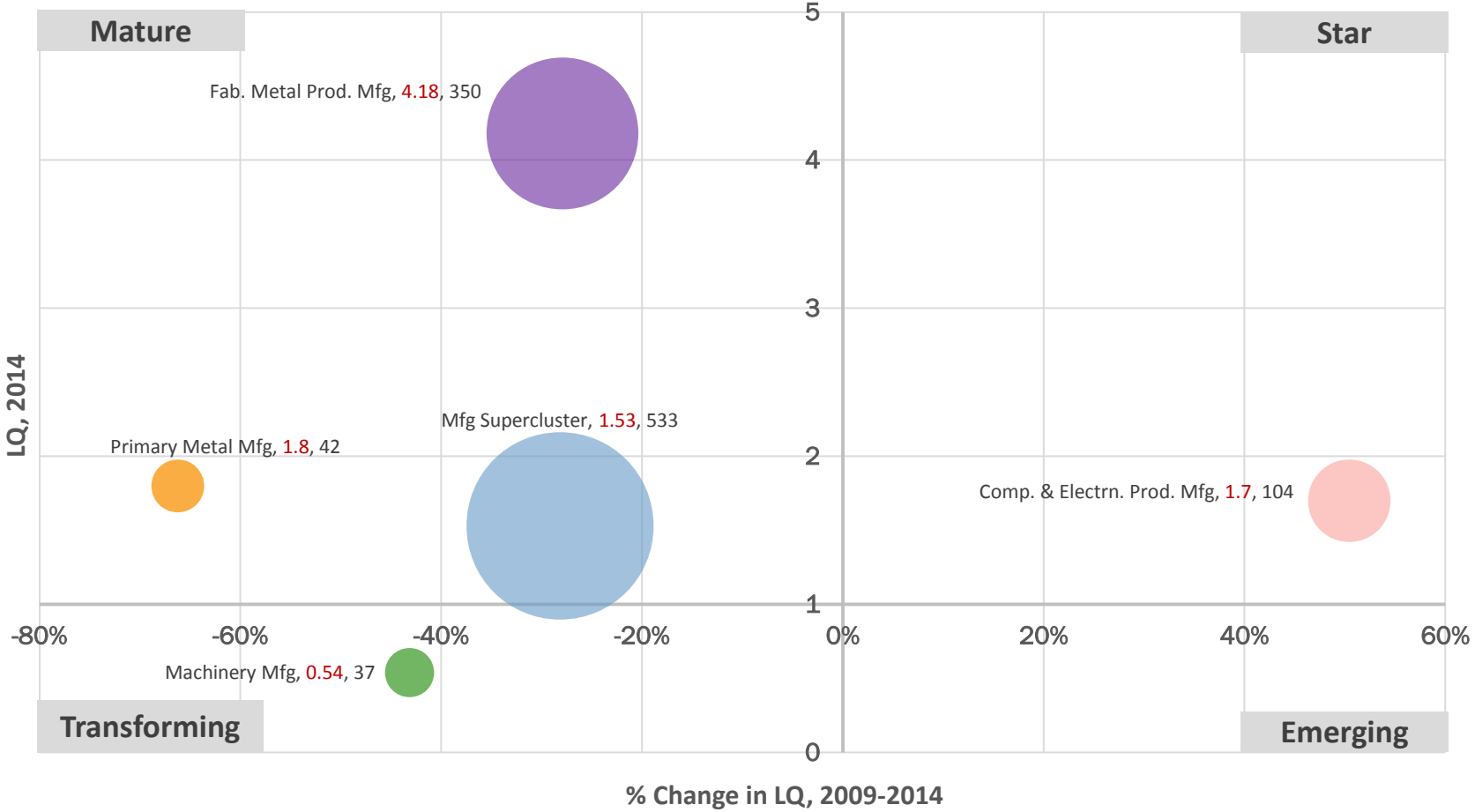
Industry cluster bubble chart



Note: Glass & Ceramics; Edu. & Knowledge Creation; Mining; and Printing & Publishing clusters have too few jobs

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

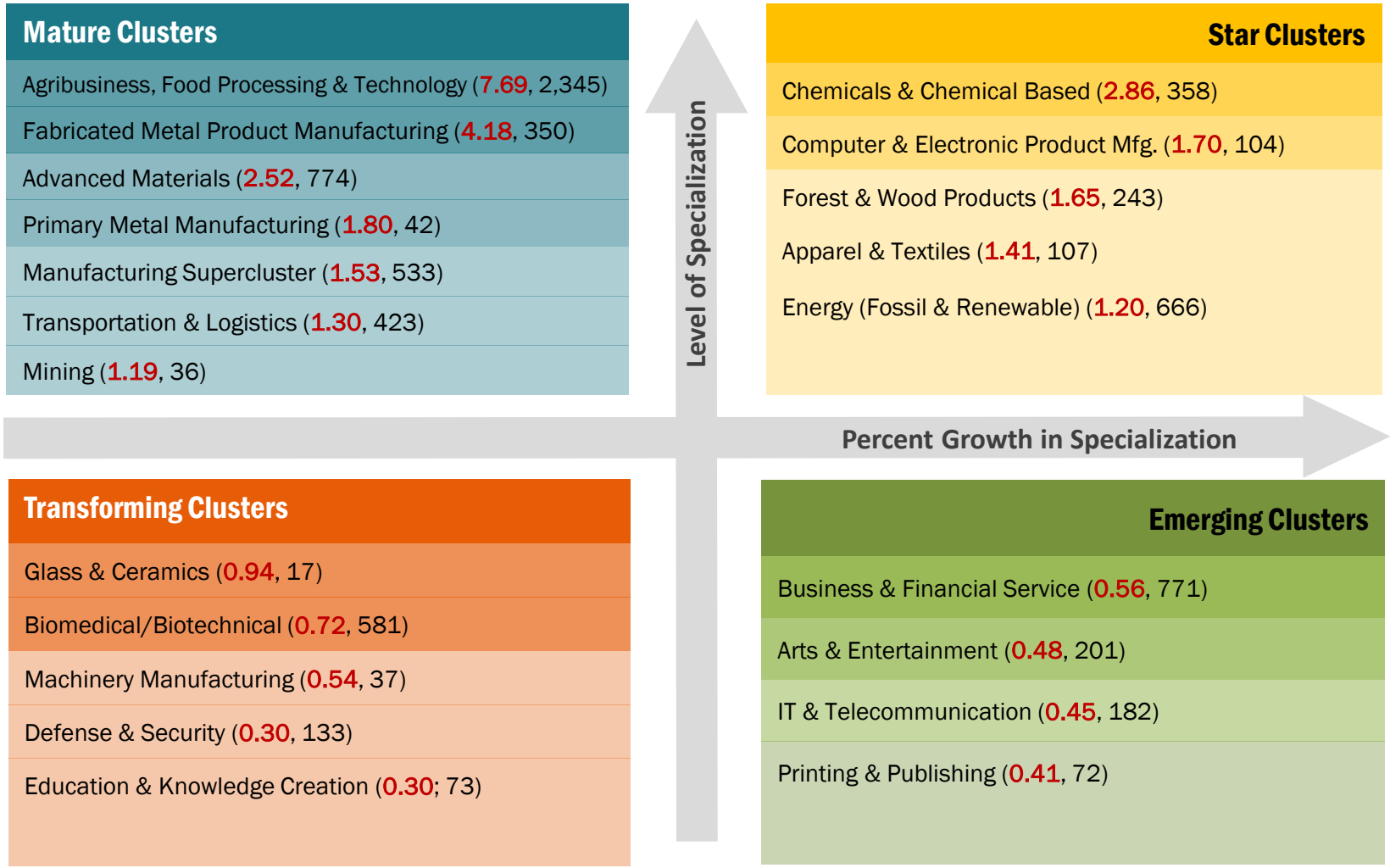
Manufacturing sub-cluster bubble chart



Note: Transportation Equipment and Electrical Equipment, Appliance and Component clusters do not exist in the region. Machinery manufacturing and Primary Metal manufacturing have too few jobs.

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



Note: Transportation Equipment and Electrical Equipment, Appliance & Component Manufacturing sub-clusters do not exist in the region.

** Numbers in parenthesis include location quotient and employment in 2014.*

Bubble chart interpretation

Mature Industries

Seven industry clusters in the Marshall-Putnam-Stark Region are in the Maturing stage: Agribusiness, Food Processing & Technology, Fabricated Metal Product Manufacturing, Advanced Materials, Primary Metal Manufacturing, Manufacturing Supercluster, Transportation & Logistics, and Mining. These industries are relatively concentrated, but their growth is trending downward. It is worth noting, however, that the Marshall-Putnam-Stark 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 Marshall-Putnam-Stark Region, Glass & Ceramics, Biomedical/Biotechnical, Machinery Manufacturing, Defense & Security, and Education & Knowledge Creation, 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 Marshall-Putnam-Stark Region is Chemicals & Chemical Based. Its location quotient is 2.86, indicating that the cluster is nearly 3 times more concentrated in the region compared to the U.S. Other strong clusters of note in the region include Computer & Electronic Product Mfg., Forest & Wood Products, Apparel & Textiles, and Energy (Fossil & Renewable).

Emerging Industries

Industry clusters that may be poised for future growth are classified as “Emerging.” There are four Emerging clusters in the Marshall-Putnam-Stark Region: Business & Financial Service, Arts & Entertainment, IT & Telecommunication, and Printing & Publishing.

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