

# REGIONAL SNAPSHOT

**Industry Cluster Analysis** 

Louisiana Alliance Cultivating Economic Success (LACES)





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**Industry Cluster Analysis** 

# 01 overview

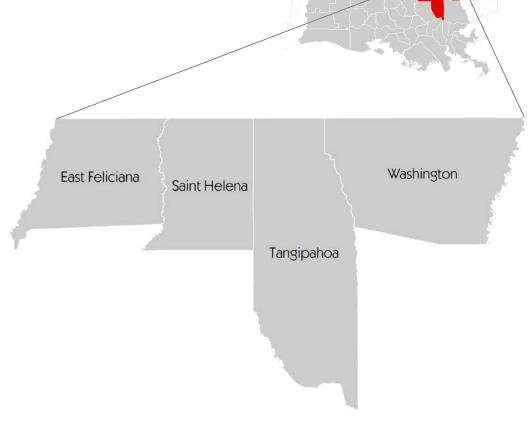
**LACES Region, LA** 

#### **Overview**

Louisiana Alliance Cultivating Economic Success (LACES) Region

The LACES Region is comprised of four Louisiana counties. Interstate I-55 passes through the central part of the region connecting to I-12 to the south.

- East Feliciana
- St. Helena
- Tangipahoa
- Washington



# 1ndustry cluster analysis

**LACES Region, LA** 

#### **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)

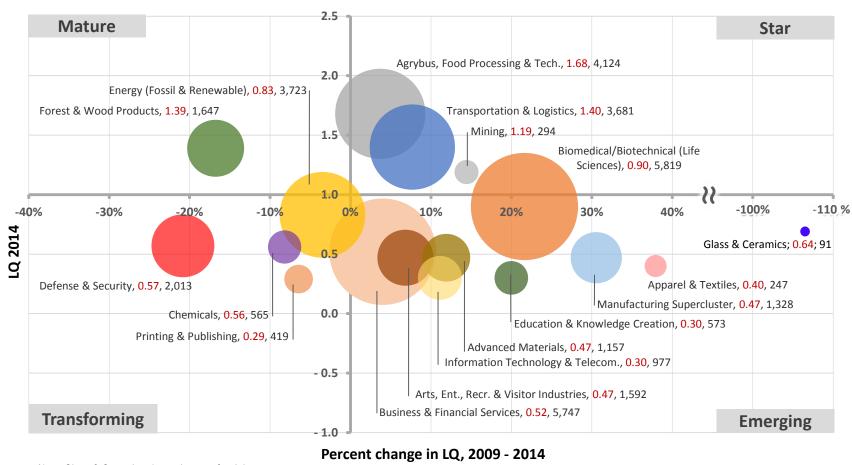
### **Emerging**

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**

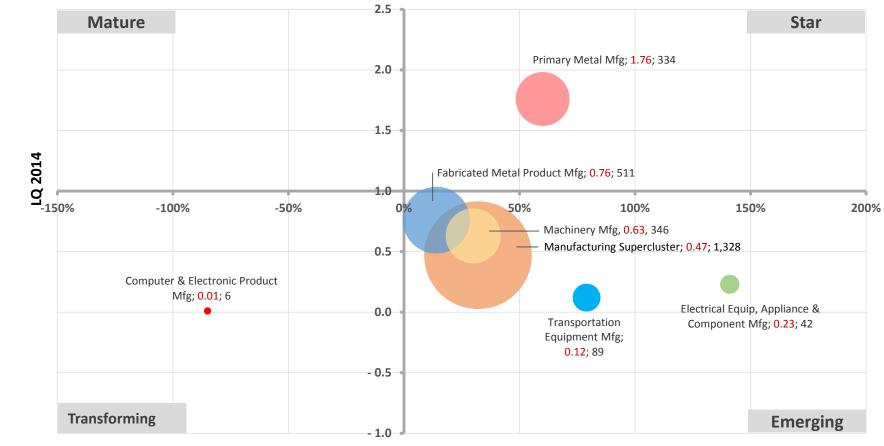
# Industry cluster bubble chart



Note: Glass & Ceramics cluster has too few jobs.

#### **Industry and occupation**

## Manufacturing sub-cluster bubble chart



Percent change in LQ, 2009 - 2014

NOTE: Computer & Electronic Product Mfg., Electrical Equip, Appliance & Component Mfg. and Transportation Equipment Mfg. Subclusters have too few jobs.

#### **Industry cluster analysis**

#### **Mature Clusters**

Forest & Wood Products (0.39; 1,647)

Level of Specialization

#### **Star Clusters**

Primary Metal Mfg. (**1.76**; 334)

Agribusiness, Food Processing & Technology (1.68; 4,124)

Transportation & Logistics (1.40; 3,681)

Mining (1.19; 294)

#### **Percent Growth in Specialization**

#### **Transforming Clusters**

Energy (Fossil & Renewable) (0.83; 3,723)

Defense & Security (0.57; 2,013)

Chemicals (0.56; 565)

Printing & Publishing (0.29; 419)

Computer & Electronic Product Mfg. (0.01; 6)\*

#### **Emerging Clusters**

Biomedical/Biotechnical (Life Sciences) (0.90; 5,819)

Fabricated Metal Product Mfg. (0.76; 511)

Glass & Ceramics (0.64; 91)

Machinery Mfg. (0.63; 346)

Business & Financial Services (0.52; 5,747)

Arts, Ent., Recreation & Visitor Industries (0.47; 1,592)

Advanced Materials (0.47; 1,157)

Manufacturing Supercluster (0.47; 1,328)

Apparel & Textiles (0.40; 247)

Information Technology & Telecom. (0.30; 977)

Education & Knowledge Creation (0.30; 573)

Electrical Equip, Appliance & Component Mfg. (0.23; 42)\*

Transportation Equipment Mfg. (0.12; 89)\*

#### section 02

<sup>\*</sup> Computer & Electronic Product Mfg., Electrical Equip, Appliance & Component Mfg. and Transportation Equipment Mfg. Sub-clusters have too few jobs.

#### **Industry and occupation**

## Bubble chart interpretation

#### **Mature Industries**

One industry cluster in the LACES Region is in the Maturing stage: Forest & Wood Products. This industry is relatively concentrated, but its growth is trending downward. It is worth noting, however, that the LACES Region may find it worthwhile to invest in efforts to shore up the concentration of this industry.

#### **Transforming Industries**

Transforming clusters capture the mix of industries that are experiencing relative decline and limited export capability. In the LACES Region, Energy (Fossil & Renewable); Defense & Security; Chemicals; Printing & Publishing and Computer & Electronic Product 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 LACES Region is Primary Metal Manufacturing sub-cluster. Its location quotient is 1.76, indicating that the cluster is 1.8 times more concentrated in the region compared to the U.S. The other strong clusters in the region are Agribusiness, Food Processing & Technology; Transportation & Logistics; and Mining.

#### **Emerging Industries**

Industry clusters that may be poised for future growth are classified as "Emerging." There are 13 Emerging clusters in the LACES Region with the top five being Biomedical/Biotechnical (Life Sciences); Fabricated Metal Product Mfg.; Glass & Ceramics; Machinery Mfg.; and Business & Financial Services.