

# REGIONAL SNAPSHOT

**Industry Cluster Analysis** 

**SET FOREVER Region, Louisiana** 





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**Industry Cluster Analysis** 

# 01 overview

**SET FOREVER Region, LA** 

### **Overview**

# SET FOREVER Region

The SET FOREVER Region is comprised of five Louisiana counties. I-20 passes through the southern part of the region and connects to I-55 to the east.

- East Carroll
- Madison
- Morehouse
- Richland
- West Carroll



**SET FOREVER Region, LA** 

# industry cluster analysis

### **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)

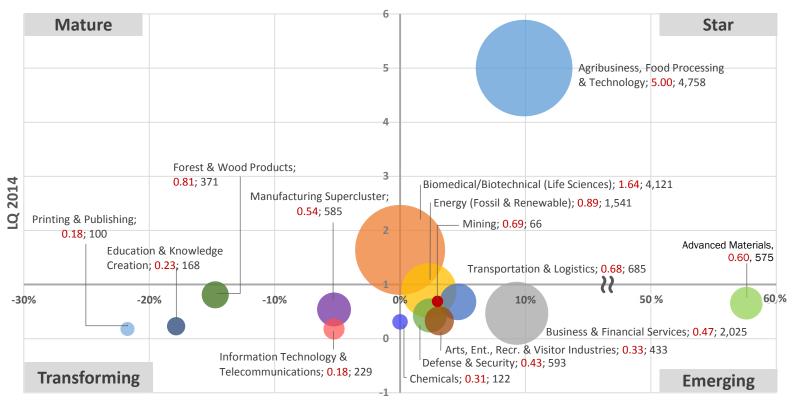
# **Emerging**

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



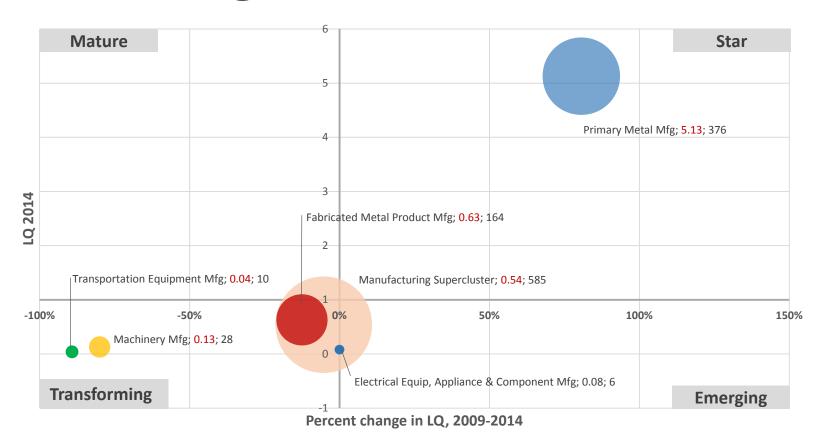
Percent change in LQ 2009-2014

Note 1: Apparel & Textiles and Glass & Ceramics clusters have too few jobs.

Note 2: Label includes cluster name, LQ, and Employment in 2014

### **Industry and occupation**

# Manufacturing sub-cluster bubble chart



Note 1: Transportation Equipment Mfg., Electrical Equip, Appliance & Component Mfg. and Machinery Mfg. subclusters have too few jobs.

Note 2: Computer & Electronic Product Mfg. does not exist in the region

Note 3: Label includes cluster name, LQ, and Employment in 2014

### **Industry cluster analysis**

#### **Mature Clusters**

No clusters in this category

Level of Specialization

#### **Star Clusters**

Primary Metal Mfg. (5.13, 376)

Agribusiness, Food Processing & Technology (5.00, 4,758)

Biomedical/Biotechnical (Life Sciences) (1.64, 4,121)

### **Percent Growth in Specialization**

### **Transforming Clusters**

Forest & Wood Products (0.81, 371)

Fabricated Metal Product Mfg. (0.63, 164)

Manufacturing Supercluster (0.54, 585)

Education & Knowledge Creation (0.23, 168)

Printing & Publishing (0.18, 100)

Information Technology & Telecommunications (0.18, 229)

### **Emerging Clusters**

Energy (Fossil & Renewable) (0.89, 1,541)

Mining (0.69, 66)

Transportation & Logistics (0.68, 685)

Advanced Materials (0.60, 575)

Business & Financial Services (0.47, 2,025)

Defense & Security (0.43, 593)

Arts, Entertainment, Recreation & Visitor Industries (0.33, 433)

Chemicals (**0.31**, 122)

Note: Apparel & Textiles and Glass & Ceramics clusters and Transportation Equipment Mfg., Electrical Equip, Appliance & Component Mfg. and Machinery Mfg. subclusters have too few jobs. Computer & Electronic Product Mfg. does not exist in the region.

#### section 02

### **Industry and occupation**

# Bubble chart interpretation

#### **Mature Industries**

No clusters in the SET FOREVER Region are in the Maturing stage.

### **Transforming Industries**

Transforming clusters capture the mix of industries that are experiencing relative decline and limited export capability. In the SET FOREVER Region, Forest & Wood Products, Fabricated Metal Product Manufacturing, Manufacturing Supercluster, Education & Knowledge Creation, Printing & Publishing and Information Technology & Telecommunications, 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 SET FOREVER Region is Primary Metal Manufacturing. Its location quotient is 5.13, indicating that the cluster is almost 5 times more concentrated in the region compared to the U.S. The other strong clusters in the region are Agribusiness, Food Processing & Technology and Biomedical/Biotechnical (Life Sciences).

#### **Emerging Industries**

Industry clusters that may be poised for future growth are classified as "Emerging." There are eight Emerging clusters in the SET FOREVER Region: Energy (Fossil & Renewable), Mining, Transportation & Logistics, Advanced Materials, Business & Financial Services, Defense & Security, Arts, Entertainment, Recreation & Visitor Industries and Chemicals.