REGIONAL SNAPSHOT
Industry Cluster Analysis
SET FOREVER Region, Louisiana
01 overview

SET FOREVER Region, LA
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
02 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)

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.

**Stars**
Top right (strong and advancing)

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)

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.

**Emerging**
Bottom right (weak but advancing)

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

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

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

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

Note: Label includes cluster name, LQ, and Employment 2014; NAICS 2012 definition
### Industry cluster analysis

#### Mature Clusters

No clusters in this category

#### Star Clusters

- Primary Metal Mfg. \( (5.13, 376) \)
- Agribusiness, Food Processing & Technology \( (5.00, 4,758) \)
- Biomedical/Biotechnical (Life Sciences) \( (1.64, 4,121) \)

#### Level of Specialization

- Percent Growth in Specialization
- Emerging Clusters
- Transforming Clusters
- Star Clusters

#### Percent Growth in Specialization

<table>
<thead>
<tr>
<th>Cluster Category</th>
<th>Cluster</th>
<th>Level of Specialization</th>
<th>Percent Growth in Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mature Clusters</td>
<td>No clusters</td>
<td></td>
<td></td>
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<tr>
<td>Star Clusters</td>
<td>Primary Metal Mfg.</td>
<td>( (5.13, 376) )</td>
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<td></td>
<td>Agribusiness, Food Processing &amp; Technology</td>
<td>( (5.00, 4,758) )</td>
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<tr>
<td></td>
<td>Biomedical/Biotechnical (Life Sciences)</td>
<td>( (1.64, 4,121) )</td>
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<tr>
<td>Transforming Clusters</td>
<td>Forest &amp; Wood Products</td>
<td>( (0.81, 371) )</td>
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<td></td>
<td>Fabricated Metal Product Mfg.</td>
<td>( (0.63, 164) )</td>
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<td></td>
<td>Manufacturing Supercluster</td>
<td>( (0.54, 585) )</td>
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<td></td>
<td>Education &amp; Knowledge Creation</td>
<td>( (0.23, 168) )</td>
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<td></td>
<td>Printing &amp; Publishing</td>
<td>( (0.18, 100) )</td>
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<td></td>
<td>Information Technology &amp; Telecommunications</td>
<td>( (0.18, 229) )</td>
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<tr>
<td>Emerging Clusters</td>
<td>Energy (Fossil &amp; Renewable)</td>
<td>( (0.89, 1,541) )</td>
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<td></td>
<td>Mining</td>
<td>( (0.69, 66) )</td>
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<td></td>
<td>Transportation &amp; Logistics</td>
<td>( (0.68, 685) )</td>
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<td></td>
<td>Advanced Materials</td>
<td>( (0.60, 575) )</td>
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<td></td>
<td>Business &amp; Financial Services</td>
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<td>Defense &amp; Security</td>
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<td></td>
<td>Arts, Entertainment, Recreation &amp; Visitor Industries</td>
<td>( (0.33, 433) )</td>
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<tr>
<td></td>
<td>Chemicals</td>
<td>( (0.31, 122) )</td>
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</tbody>
</table>

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**

**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
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.

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