Coal, Garvin, Johnston, Murray, Pontotoc; OK

Source: RDM, PCRD & ESRI
## South Central Oklahoma Region: Economic Attributes

<table>
<thead>
<tr>
<th>Economic &amp; Demographic Attributes</th>
<th>Value</th>
<th>Remarks</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population (2012)</td>
<td>95,884</td>
<td>People living in the region</td>
<td>Census</td>
</tr>
<tr>
<td>Jobs (2012)</td>
<td>55,433</td>
<td>Full and part-time jobs</td>
<td>EMSI (QCEW, BLS; BEA)</td>
</tr>
<tr>
<td>Average Earnings (2012)</td>
<td>$38,493</td>
<td>Include wages, salaries, supplements and proprietor income</td>
<td>EMSI (BLS; BEA)</td>
</tr>
<tr>
<td>Completions (2010)</td>
<td>1,431</td>
<td>Students completing a specific course of study</td>
<td>EMSI (NCES; IPEDS)</td>
</tr>
<tr>
<td>GRP, Gross Regional Product (2011)</td>
<td>$3,365,469,411</td>
<td>Final market value of all goods and services produced in the region</td>
<td>EMSI (BEA; QCEW, BLS)</td>
</tr>
<tr>
<td>Exports (2011)</td>
<td>$6,517,550,911</td>
<td>$ earned from selling goods and services to foreign and external domestic regions</td>
<td>EMSI model (BEA)</td>
</tr>
<tr>
<td>Imports (2011)</td>
<td>$5,954,898,297</td>
<td>$ spent on procuring goods and services from foreign and external domestic region</td>
<td>EMSI model (BEA)</td>
</tr>
</tbody>
</table>

Data Source: EMSI 2012.4 & Census
South Central Oklahoma Region

South Central Oklahoma Region, Industry Cluster Analysis, 2007-2012

Mature

Energy (Fossil & Renewable), 2.8, 6,451
Chemicals & Chemical Based, 1.8, 1,156
Mfg Supercluster, 0.96, 1,759
Advanced Materials, 0.66, 1,046
Defense & Security, 0.44, 726
Business & Financial Services, 0.5, 3,412
Forest & Wood Prod., 0.18, 85
Transportation & Logistics, 0.72, 1,191

Transforming

Biomedical/Biotechnical, 0.86, 3,682
Agri. & Food Process., 0.8, 656
Apparel & Textiles, 0.38, 156
Printing & Publishing, 0.28, 267
IT & Telecom, 0.1, 194
Arts & Ent., 0.32, 691
Edu. & Knowledge, 0.32, 404

Emerging

Glass & Ceramics, 4.05, 355

Percent Change in LQ, 2007-2012

Note: Label includes cluster name, LQ 2012, and Employment 2012

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
Note: Label includes cluster name, LQ 2012, and Employment 2012

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
Industry Cluster Analysis, 2007-2012

**Mature**
- Mining
- Transportation equipment manufacturing

**Stars**
- Energy (Fossil & Renewable)
- Chemicals & chemical-based
- Glass & ceramics
- Machinery manufacturing

**Emerging**
- Biomedical & biotechnical
- Transportation & logistics
- Arts, entertainment & visitors
- Agricultural & food processing
- Education & knowledge creation
- Printing & publishing
- IT & telecommunication
- Apparel & textiles

**Transforming**
- Business & financial services
- Manufacturing supercluster
- Advanced materials
- Defense & security
- Forestry & wood products
- Fabricated metal product mfg.
- Primary metal mfg.
- Computer & electronic prod. mfg.
South Central Oklahoma Region

South Central Oklahoma Region, Industry Cluster Analysis, 2002-2007

Mature

- Mining, 3.78, 573
- Agri. & Food Process., 0.94, 736
- Chemicals & Chemical Based, 1.55, 1,130

Transforming

- Apparel & Textiles, 0.49, 229
- IT & Telecom., 0.17, 315
- Arts & Ent., 0.35, 740
- Business & Financial Services, 0.43, 2,589
- Transportation & Logistics, 0.72, 1,207
- Defense & Security, 0.34, 530

Emerging

- Printing & Publishing, 0.32, 318
- Forest & Wood Prod., 0.17, 105
- Edu. & Knowledge, 0.33, 366
- Energy (Fossil & Renewable), 2.13, 4,430
- Glass & Ceramics, 2.16, 221
- Mfg Supercluster, 0.93, 1,879

Note: Label includes cluster name, LQ 2007, and Employment 2007

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
South Central Oklahoma Region, Manufacturing Sub Cluster Analysis, 2002-2007

Note: Label includes cluster name, LQ 2007, and Employment 2007

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
Industry Cluster Analysis, 2002-2007

**Mature**
- Mining
- Chemicals and chemical-based

**Stars**
- Energy (Fossil & Renewable)
- Transportation equipment mfg.
- Glass & ceramics
- Machinery manufacturing

**TRANSFORMING**
- Biomedical & biotechnical
- Transportation & logistics
- Business & financial services
- Advanced materials
- Arts, entertainment & visitors
- Agricultural & food processing
- Defense & security
- IT & telecommunication
- Apparel & textiles
- Fabricated metal product mfg.
- Primary metal mfg.

**Emerging**
- Manufacturing supercluster
- Education & knowledge creation
- Printing & publishing
- Forestry & wood products
Average Earnings of Industry Clusters, 2012

South Central Oklahoma Region, Earnings per Worker, 2012

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
### South Central Oklahoma Region Industry Clusters, 2012

<table>
<thead>
<tr>
<th>Cluster Name</th>
<th>2012 Jobs</th>
<th>2012 LQ</th>
<th>Percent Change LQ, 2007-2012</th>
<th>2012 EPW</th>
<th>Competitive Effect (shift-share)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy (Fossil &amp; Renewable)</td>
<td>6,451</td>
<td>2.80</td>
<td>31%</td>
<td>$63,912</td>
<td>1,656</td>
</tr>
<tr>
<td>Biomedical/Biotechnical (Life Sciences)</td>
<td>3,682</td>
<td>0.86</td>
<td>-12%</td>
<td>$37,177</td>
<td>-386</td>
</tr>
<tr>
<td>Business &amp; Financial Services</td>
<td>3,412</td>
<td>0.50</td>
<td>16%</td>
<td>$31,136</td>
<td>571</td>
</tr>
<tr>
<td>Manufacturing Supercluster</td>
<td>1,759</td>
<td>0.96</td>
<td>3%</td>
<td>$48,619</td>
<td>92</td>
</tr>
<tr>
<td>Transportation &amp; Logistics</td>
<td>1,191</td>
<td>0.72</td>
<td>0%</td>
<td>$42,466</td>
<td>24</td>
</tr>
<tr>
<td>Chemicals &amp; Chemical Based Products</td>
<td>1,156</td>
<td>1.80</td>
<td>16%</td>
<td>$53,301</td>
<td>186</td>
</tr>
<tr>
<td>Advanced Materials</td>
<td>1,046</td>
<td>0.66</td>
<td>18%</td>
<td>$44,529</td>
<td>185</td>
</tr>
<tr>
<td>Machinery Manufacturing</td>
<td>740</td>
<td>2.10</td>
<td>6%</td>
<td>$59,297</td>
<td>60</td>
</tr>
<tr>
<td>Defense &amp; Security</td>
<td>726</td>
<td>0.44</td>
<td>29%</td>
<td>$37,939</td>
<td>172</td>
</tr>
<tr>
<td>Arts, Entertainment, Recreation &amp; Visitor Industries</td>
<td>691</td>
<td>0.32</td>
<td>-9%</td>
<td>$15,793</td>
<td>-51</td>
</tr>
<tr>
<td>Transportation Equipment Manufacturing</td>
<td>675</td>
<td>1.46</td>
<td>-12%</td>
<td>$39,600</td>
<td>-74</td>
</tr>
<tr>
<td>Agribusiness, Food Processing &amp; Technology</td>
<td>656</td>
<td>0.80</td>
<td>-15%</td>
<td>$32,014</td>
<td>-90</td>
</tr>
<tr>
<td>Mining</td>
<td>568</td>
<td>3.65</td>
<td>-3%</td>
<td>$63,268</td>
<td>-5</td>
</tr>
<tr>
<td>Education &amp; Knowledge Creation</td>
<td>404</td>
<td>0.32</td>
<td>-3%</td>
<td>$21,300</td>
<td>-4</td>
</tr>
<tr>
<td>Glass &amp; Ceramics</td>
<td>355</td>
<td>4.05</td>
<td>88%</td>
<td>$70,448</td>
<td>170</td>
</tr>
<tr>
<td>Fabricated Metal Product Manufacturing</td>
<td>272</td>
<td>0.63</td>
<td>19%</td>
<td>$40,518</td>
<td>50</td>
</tr>
<tr>
<td>Printing &amp; Publishing</td>
<td>267</td>
<td>0.28</td>
<td>-13%</td>
<td>$25,639</td>
<td>-27</td>
</tr>
<tr>
<td>Information Technology &amp; Telecommunications</td>
<td>194</td>
<td>0.10</td>
<td>-41%</td>
<td>$55,595</td>
<td>-119</td>
</tr>
<tr>
<td>Apparel &amp; Textiles</td>
<td>156</td>
<td>0.38</td>
<td>-22%</td>
<td>$27,183</td>
<td>-39</td>
</tr>
<tr>
<td>Forest &amp; Wood Products</td>
<td>85</td>
<td>0.18</td>
<td>6%</td>
<td>$35,615</td>
<td>7</td>
</tr>
<tr>
<td>Computer &amp; Electronic Product Manufacturing</td>
<td>37</td>
<td>0.11</td>
<td>–</td>
<td>–</td>
<td>31</td>
</tr>
<tr>
<td>Primary Metal Manufacturing</td>
<td>36</td>
<td>0.29</td>
<td>61%</td>
<td>$70,455</td>
<td>14</td>
</tr>
</tbody>
</table>

Note: Computer and electronic product manufacturing did not exist in 2007; Electrical equipment, appliances and component manufacturing is not present in the region.

Data Source: EMSI 2012.4, industry cluster definitions by PCRD
Regional Requirements, Expenditures & Leakages, 2011

Data Source: EMSI 2012.4, industry cluster definitions by PCRD