

# REGIONAL SNAPSHOT

**Mount Rogers Region, Virginia** 





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# 01 overview

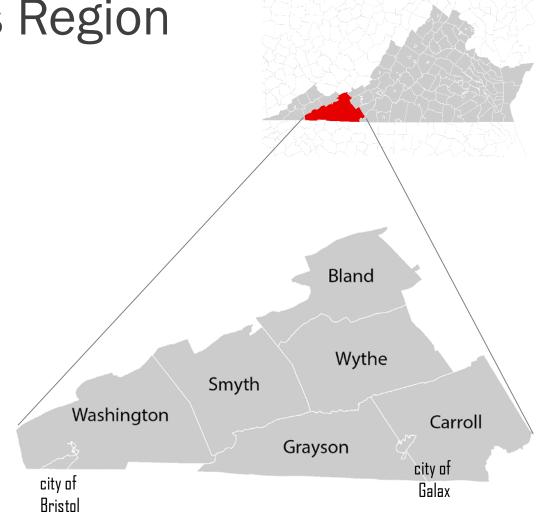
**Mount Rogers Region, VA** 

#### **Overview**

Mount Rogers Region

The Mount Rogers Region is comprised of six Virginia counties and two cities. Interstate I-81 passes through the central part of the region.

- Bland
- Carroll
- Grayson
- Smyth
- Washington
- Wythe Counties
- city of Bristol
- city of Galax



# 1ndustry cluster analysis

**Mount Rogers Region, VA** 

#### **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)

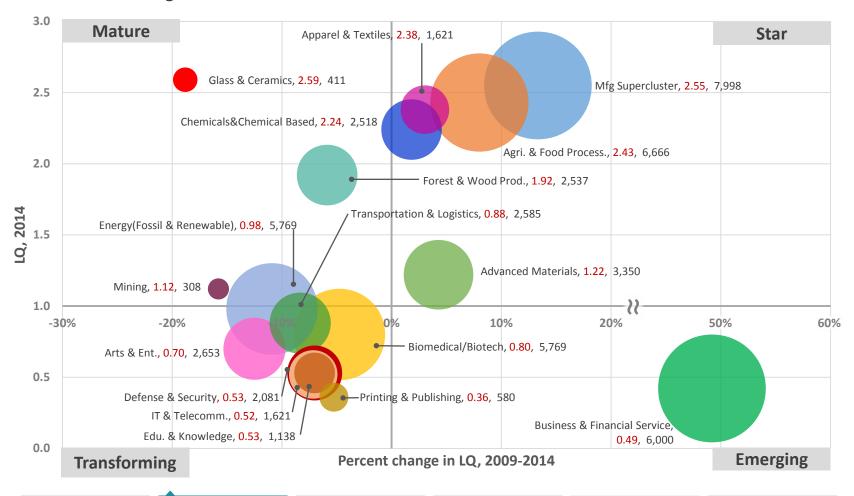
### **Emerging**

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.

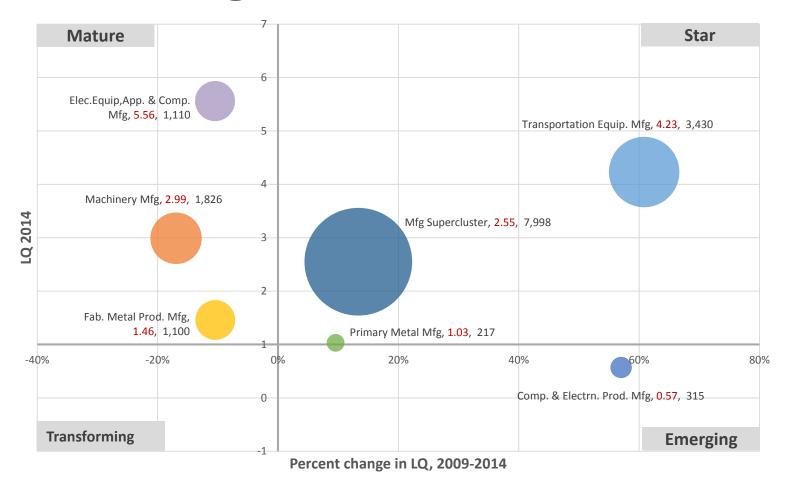
#### **Industry and occupation**

# Industry cluster bubble chart



#### **Industry and occupation**

## Manufacturing sub-cluster bubble chart



#### **Industry cluster analysis**

#### **Mature Clusters**

Electrical Equip, App. & Comp. Mfg.; 5.56; 1,110

Machinery Mfg.; 2.99; 1,826

Glass & Ceramics; 2.59; 411

Forest & Wood Products; 1.92; 2,537

Fabricated Metal Product Mfg.; 1.46; 1,100

Mining; 1.12; 308

#### Star Clusters

Transportation Equipment Mfg.; 4.23; 3,430

Manufacturing Supercluster; 2.55; 7,998

Agriculture & Food Processing; 2.43; 6,666

Apparel & Textiles; 2.38; 1,621

Chemicals & Chemical Based; 2.24; 2,518

Advanced Materials; 1.22; 3,350

Primary Metal Mfg.; 1.03; 217

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

#### **Transforming Clusters**

Energy (Fossil & Renewable); 0.98; 4,909

Transportation & Logistics; 0.88; 2,585

Biomedical/Biotechnical; 0.80; 5,769

Arts & Entertainment; 0.7; 2,653

Defense & Security; **0.53**; 2,081

Edu. & Knowledge; **0.53**; **1,138** 

IT & Telecommunication; 0.52; 1,885

Printing & Publishing; 0.36; 580

#### **Emerging Clusters**

Computer & Electron. Product Mfg.; 0.57; 315

Business & Financial Service; 0.49; 6,000

#### section 02

Level of Specialization

#### **Industry and occupation**

## Bubble chart interpretation

#### **Mature Industries**

Six industry clusters in the Mount Rogers Region are in the Maturing stage: Electrical Equip, App. & Comp. Manufacturing, Machinery Manufacturing, Glass & Ceramics, Forest & Wood Products, Fabricated Metal Product Manufacturing and Mining. These industries are relatively concentrated, but their growth is trending downward. It is worth noting, however, that the Mount Rogers 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 Mount Rogers Region, Energy (Fossil & Renewable), Transportation & Logistics, Biomedical/Biotechnical, Arts & Entertainment, Defense & Security, Edu. & Knowledge, IT & Telecommunications and Printing & Publishing, 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 Mount Rogers Region is Transportation Equipment Manufacturing. Its location quotient is 4.23, indicating that the cluster is 4 times more concentrated in the region compared to the U.S. The other strong clusters in the region are Manufacturing Supercluster, Agribusiness & Food Processing, Apparel & Textiles, Chemicals & Chemical Based, Advanced Materials and Primary Metal Manufacturing.

#### **Emerging Industries**

Industry clusters that may be poised for future growth are classified as "Emerging." There are two Emerging clusters in the Mount Rogers Region. Computer & Electronic Product Manufacturing and Business & Financial Service.