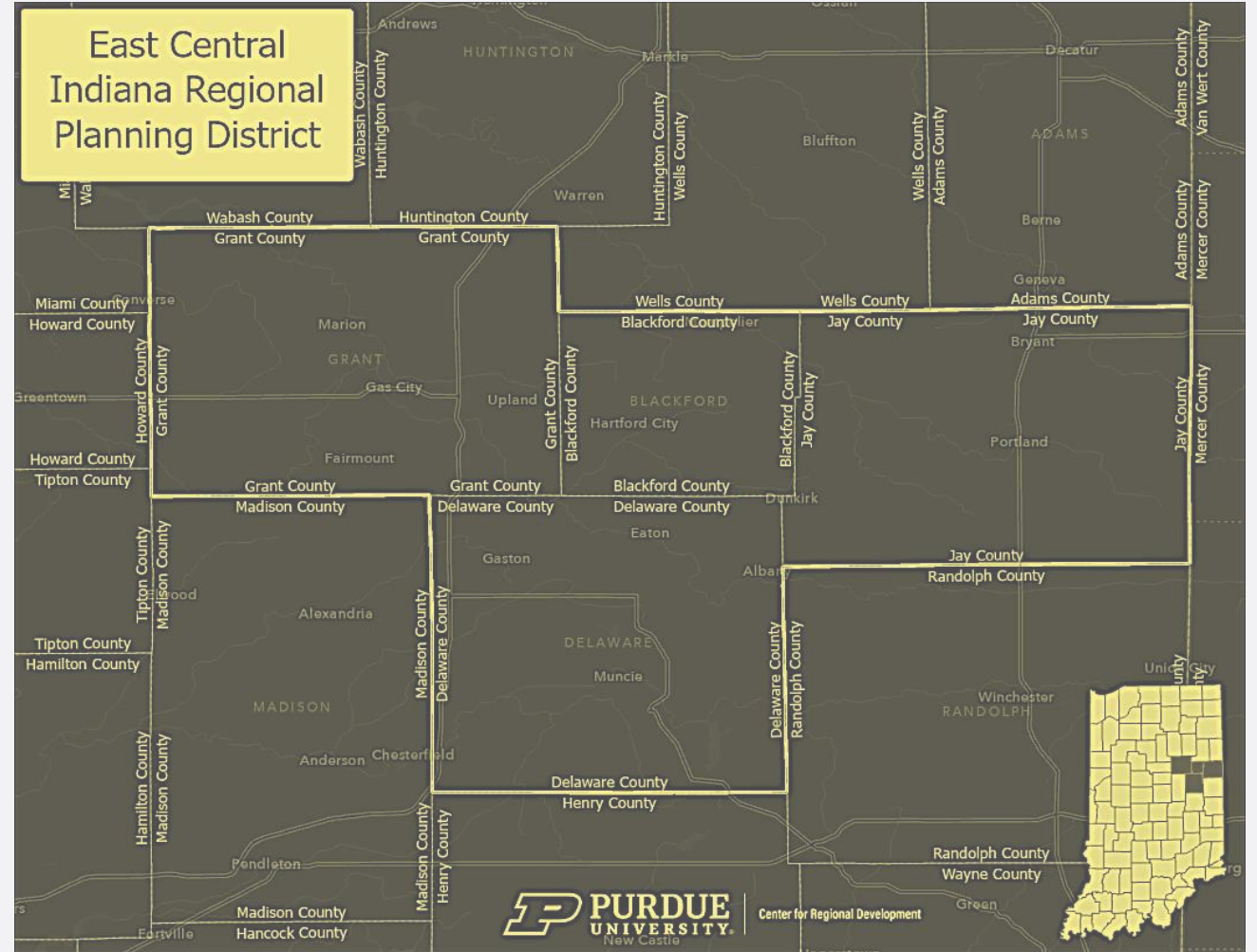


# Industry Clusters

## East Central Indiana Regional Planning District (ECIRPD)

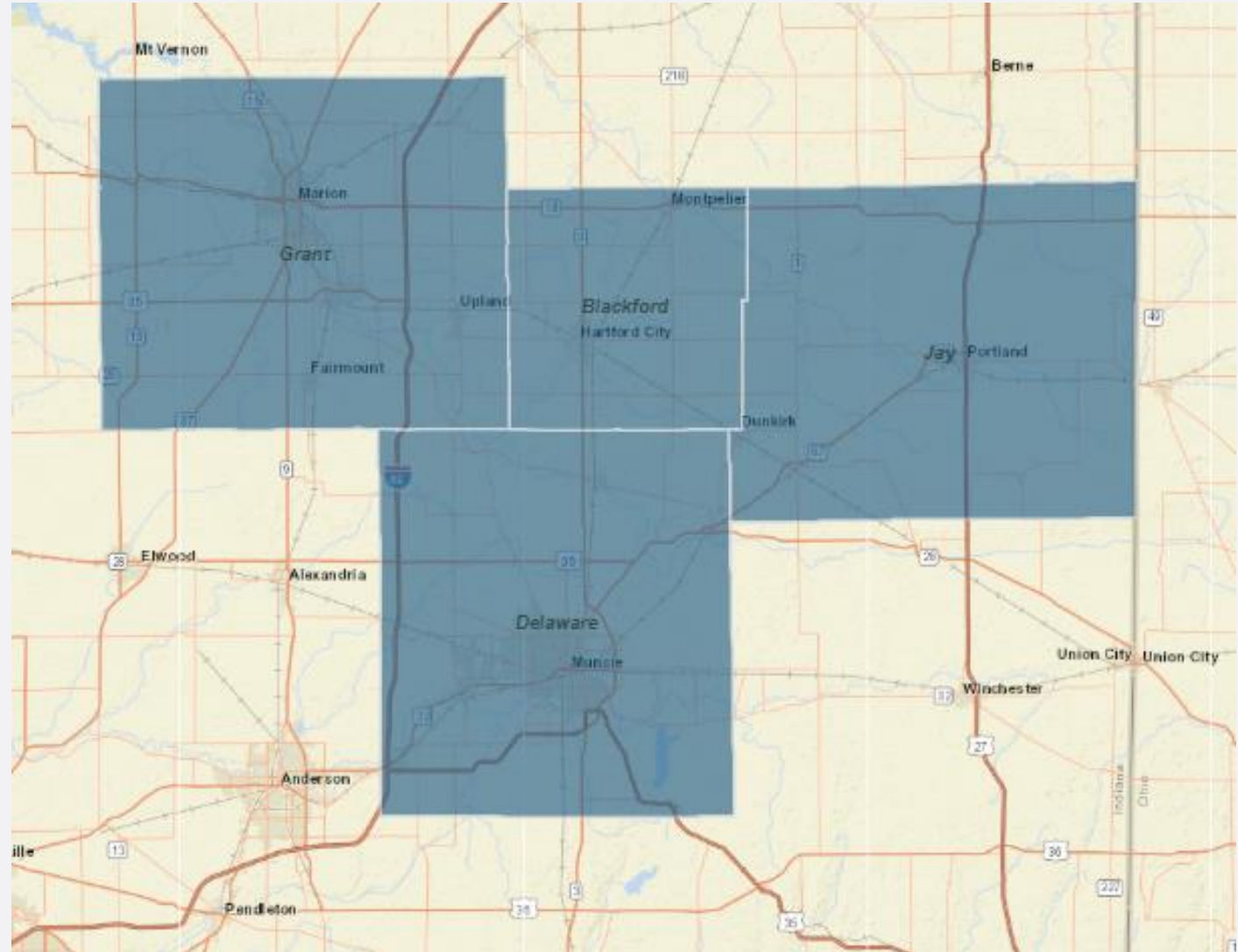




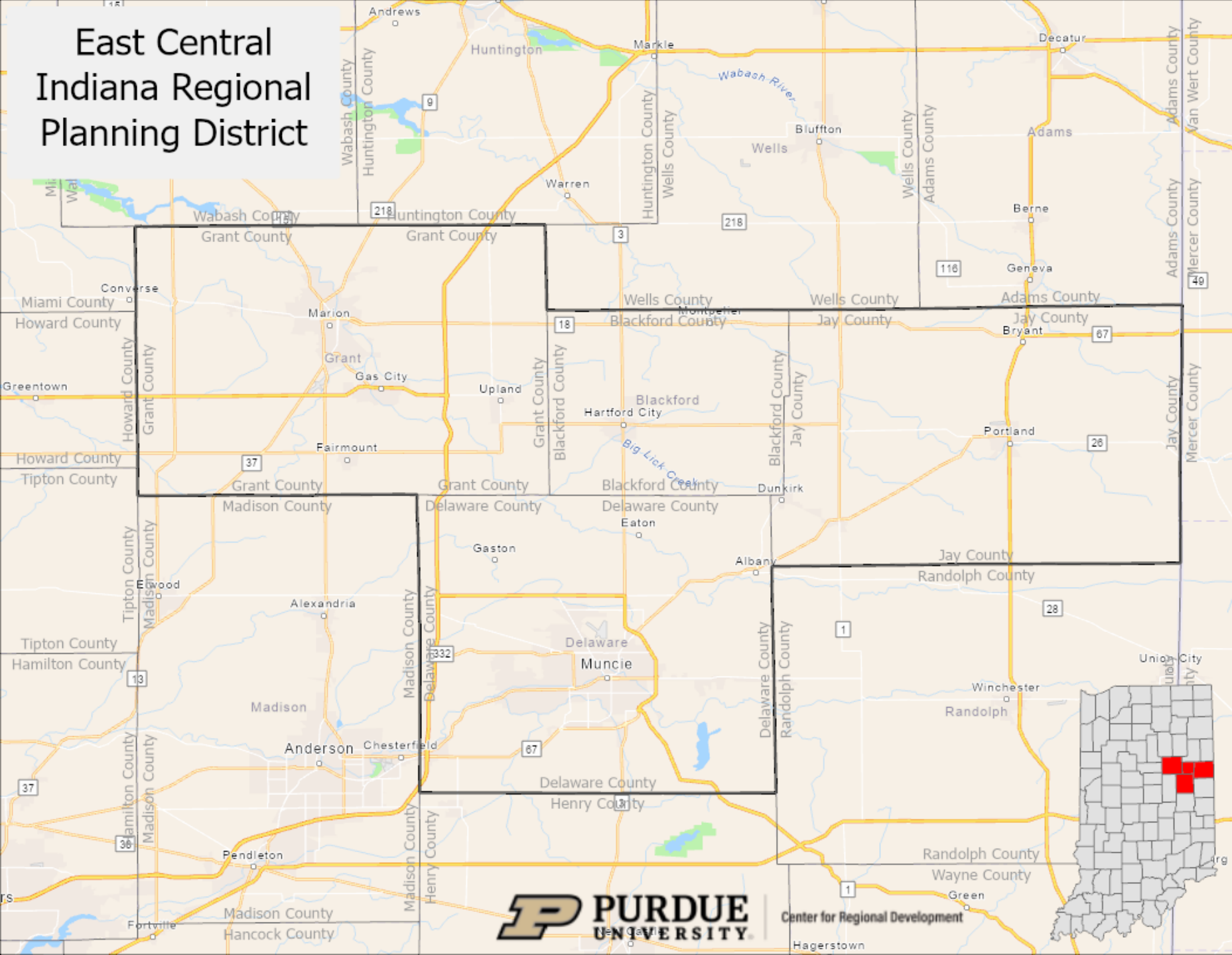
## East Central Indiana Regional Planning District

The East Central Indiana Regional Planning District is comprised of the following Indiana counties:

- Blackford County
- Delaware County
- Grant County
- Jay County



- Transportation assets are present



	<b>ECIRPD (all jobs) (QCEW, non-QCEW, self-employed and proprietors)</b>	<b>Indianapolis-Carmel-Greenwood, IN Metro Area (QCEW, non-QCEW, self-employed and proprietors)</b>	<b>Indiana (QCEW, non-QCEW, self-employed and proprietors)</b>
Jobs 2018	<b>110,188</b>	<b>1,310,297</b>	<b>3,962,379</b>
Jobs 2023	<b>109,711</b>	<b>1,459,816</b>	<b>4,218,876</b>
Job change 2018-2023	-476	149,519	256,497
% Job change 2018-2023	-0.43%	11%	6%
Average total earnings per job, 2023	<b>\$52,643</b>	<b>\$68,859</b>	<b>\$63,481</b>
Cost of Living (COL)	<b>93.2</b>	<b>98.9</b>	<b>95.6</b>
COL Adjusted Average total earnings per job, 2023	<b>\$56,484</b>	<b>\$69,625</b>	<b>\$66,403</b>
Establishments, 2023	<b>4,242</b>	<b>58,177</b>	<b>189,164</b>

- ECIRPD has a COL advantage over Indianapolis Metro and the State of Indiana. Only QCEW (BLS) data show a job loss of 3% from 2018-2023. Adding self-employed and proprietors reduce the job loss to 0.43%.

	<b>ECIRPD (all jobs) (QCEW, non-QCEW, self-employed and proprietors)</b>	<b>Indianapolis-Carmel-Greenwood, IN Metro Area (QCEW, non-QCEW, self-employed and proprietors)</b>	<b>Indiana (QCEW, non-QCEW, self-employed and proprietors)</b>
Sales 2023	<b>\$19.1 Billion</b>	<b>\$342.1 Billion</b>	<b>\$973.1 Billion</b>
GRP 2023	<b>\$9.7 Billion</b>	<b>\$183.9 Billion</b>	<b>\$475.8 Billion</b>
GRP per job 2023	<b>\$88,809</b>	<b>\$125,974</b>	<b>\$112,787</b>
Exports per job 2022	<b>\$115,715</b>	<b>\$122,874</b>	<b>\$129,817</b>
Total purchases 2023	<b>\$ 8.5 Billion</b>	<b>\$ 141.1 Billion</b>	<b>\$422.1 Billion</b>
<i>Within region</i>	<b>31.1%</b>	<b>61.6%</b>	<b>51%</b>
<i>Imported from outside of state/region</i>	<b>68.9%</b>	<b>38.4%</b>	<b>49%</b>

- Nearly 70% of industry purchases (supply chain demand) are obtained from outside of the ECIRPD Region. Strategies to reduce the economic leakages will be relevant for the region.



# What are industry clusters?

Local and regional concentrations of competitive businesses and industries that

- **Buy and sell** from each other
- Use similar or **complementary technologies**
- Share a **labor pool**
- Share **supply chains**
- Share, leverage and promote **innovation**
- Include supporting **services** and specialized **infrastructure**
- Include high and low-value added **employment**
- Have career pathways available in the talent **ecosystem**
- Produce for **exports** outside the region
- Drive regional economic **growth and wealth creation**



# List of Clusters

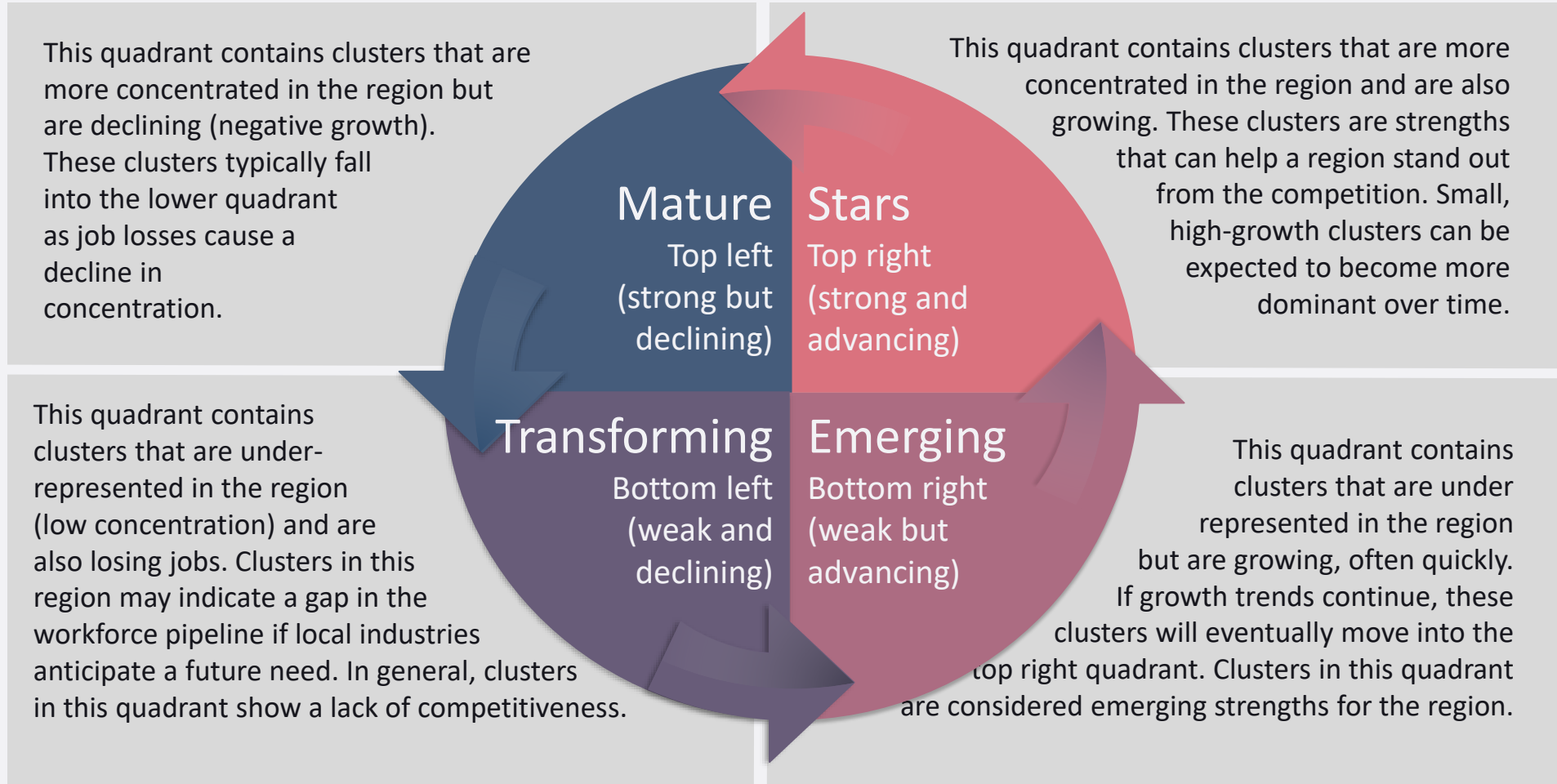
There are 22 clusters developed by the PCRD that are used to determine the regional economic assets of the region.

- Primary Metal Manufacturing
- Transportation Equipment Manufacturing
- Glass & Ceramics
- Advanced Materials
- Chemicals
- Agri. & Food Processing
- Fabricated Metal Product Manufacturing
- Machinery Manufacturing
- Forest & Wood Product
- Trans & Log
- Arts & Entertainment
- Mining
- Biomedical/Biotech
- Energy
- Apparel & Textiles
- Edu.& Knowledge
- Printing & Publishing
- Defense & Security
- Business & Financial
- IT & Telecommunication
- Electrical Equip, Appliance & Component Manufacturing.
- Computer & Electronic Product Manufacturing



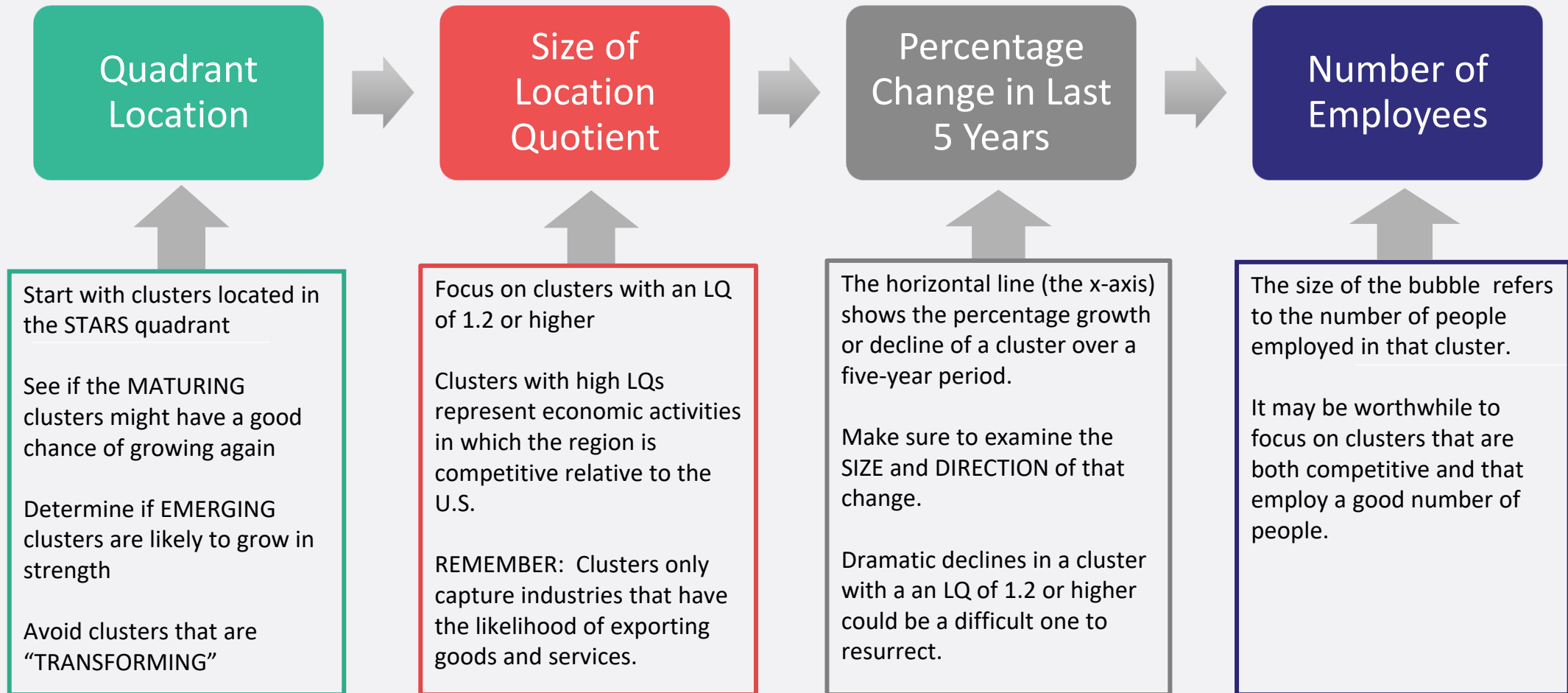
# How to interpret cluster data results

The graph's four quadrants tell a different story for each cluster.



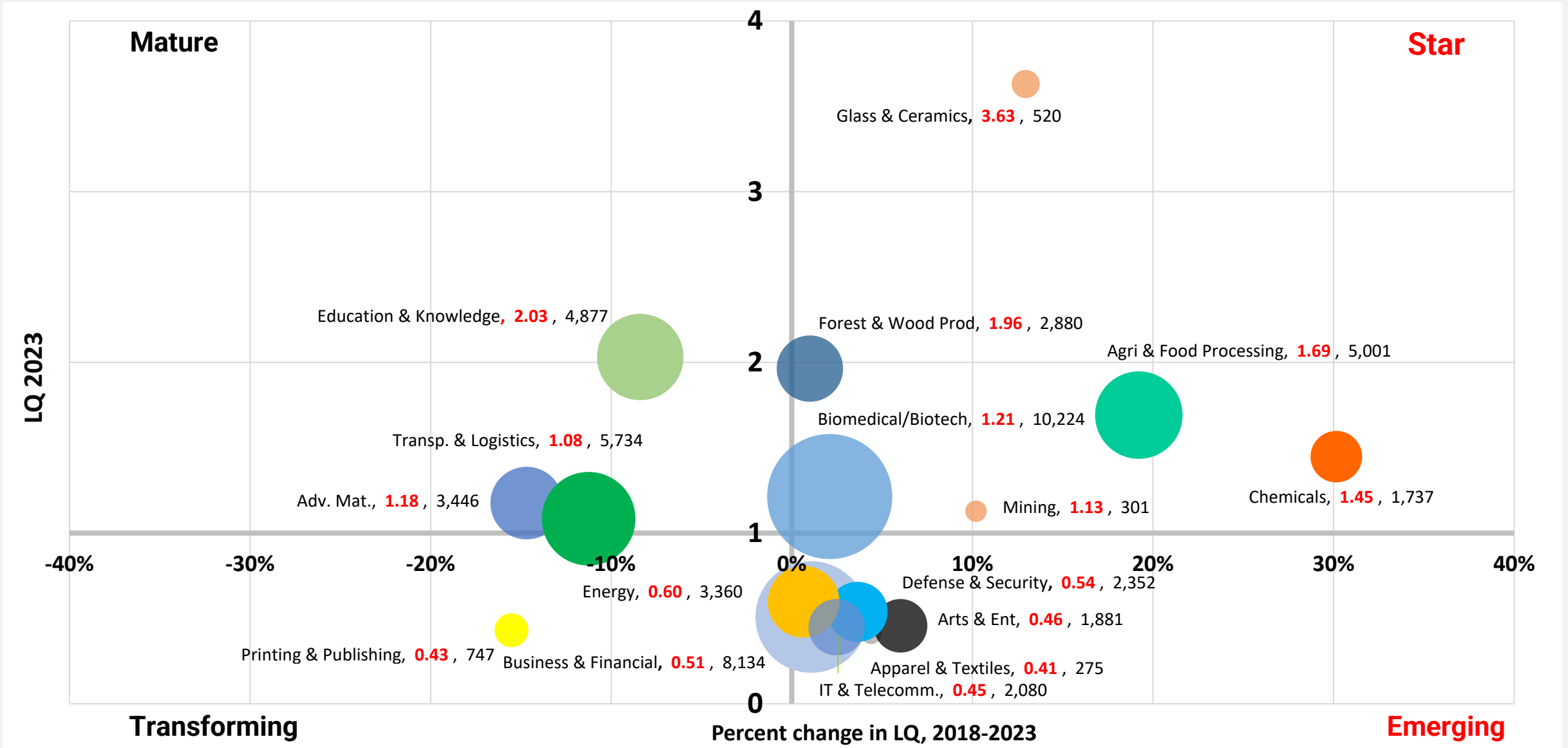


## Bubble chart: what to look at first





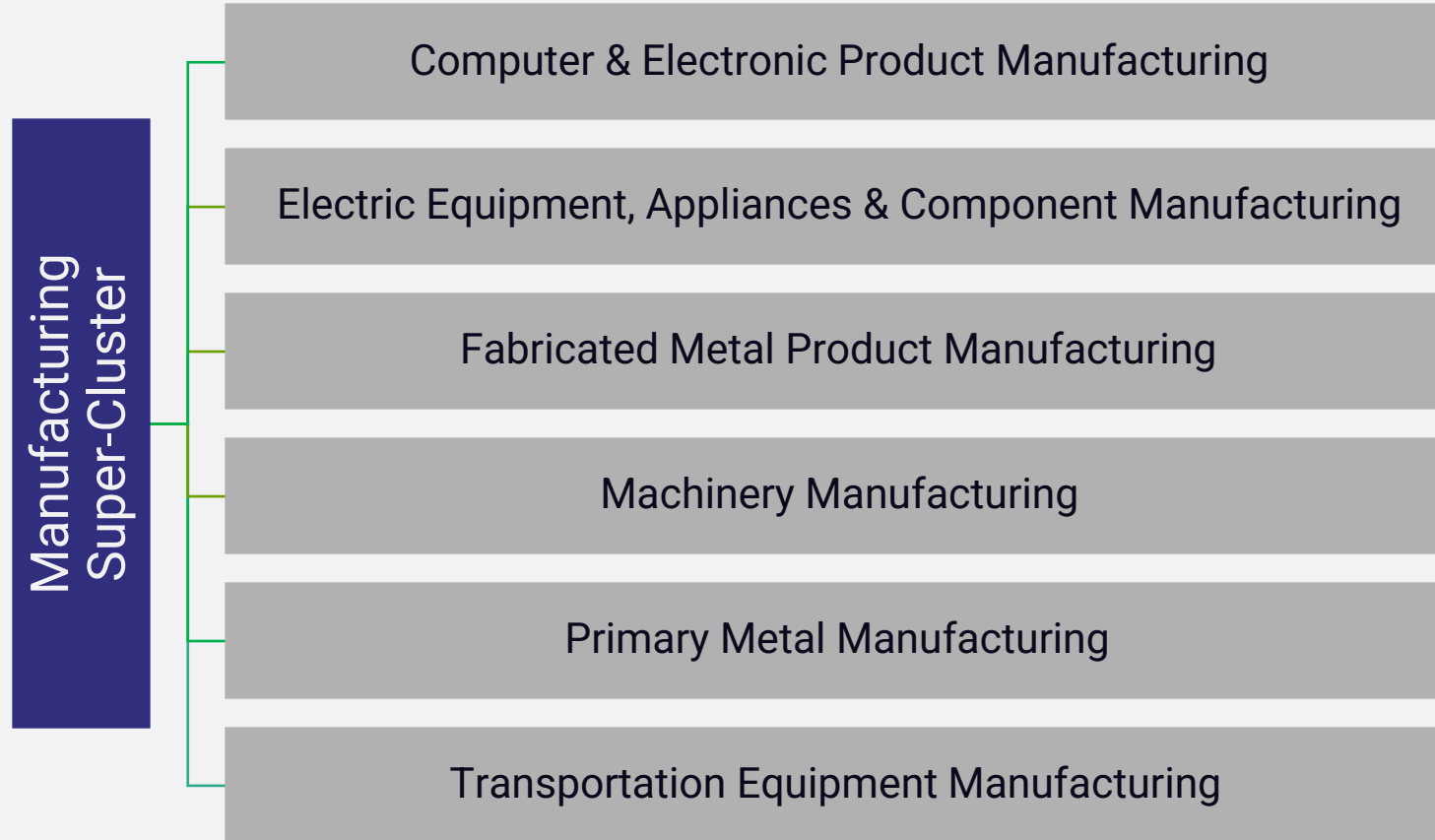
# Industry Cluster Competitiveness (Bubble Chart) 2018-2023

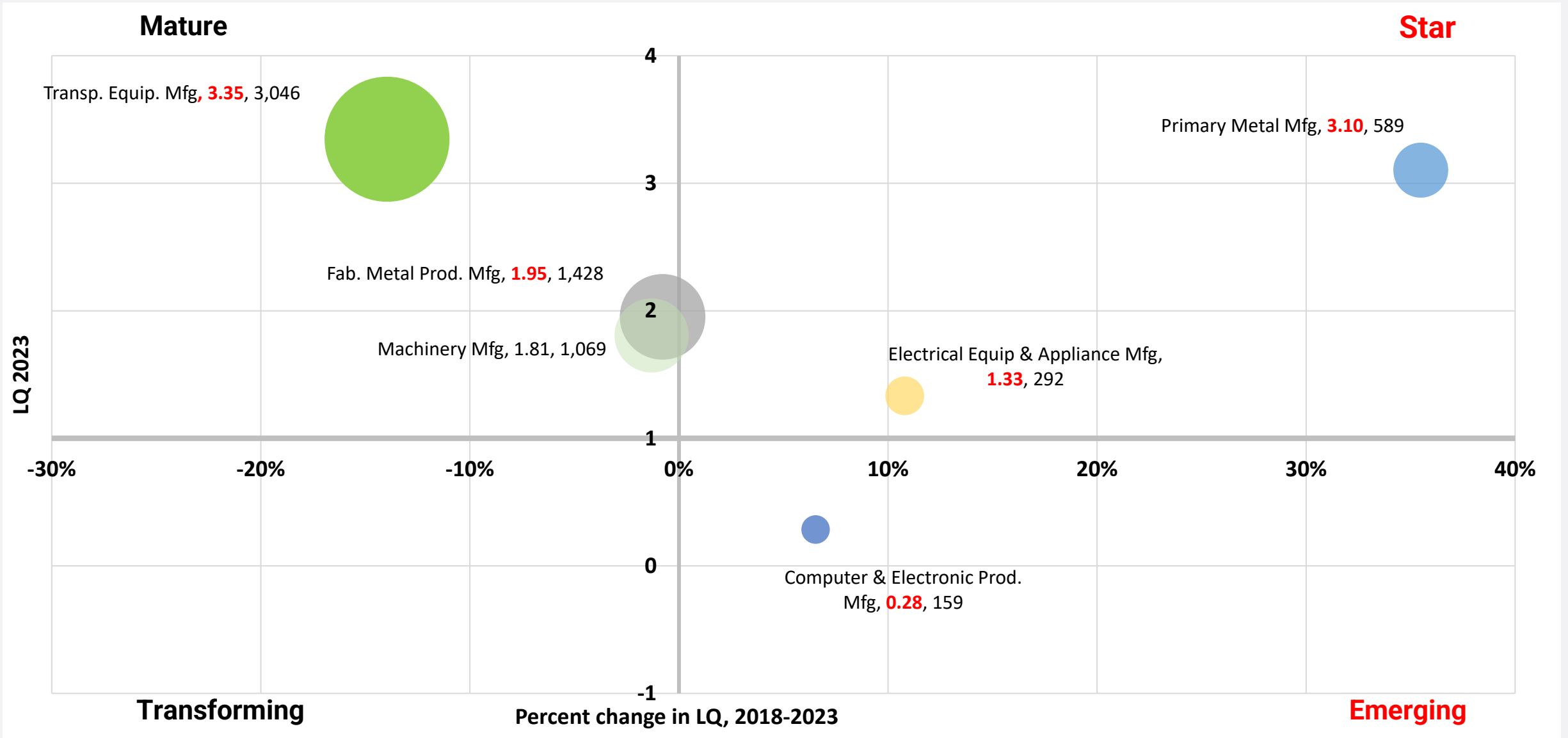


Note: Label includes cluster name, LQ in 2023, and Employment in 2023.



# Manufacturing sub-clusters



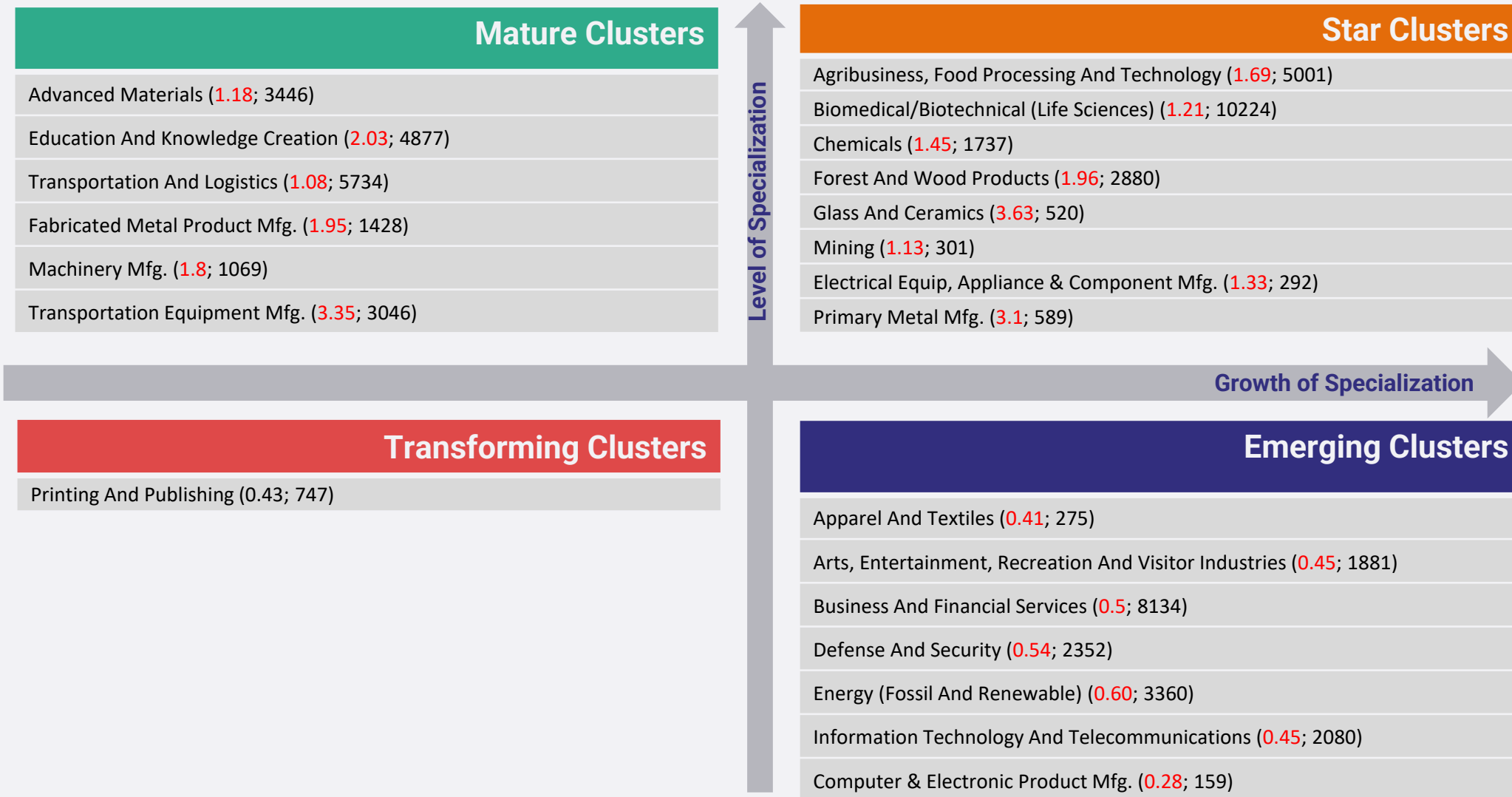


Note: Label includes cluster name, LQ in 2023, and Employment in 2023.

Note: LQ values cannot be negative. The Y-axis is extended to -1 to facilitate the visualization.



## ECIRPD : Cluster Analysis 2018-2023



Note: 2023 Location Quotient and 2023 Jobs in parentheses

# Report Contributors

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