

LMI TUESDAYS!!!!!!

Session 4: Oh, the Geographies You'll Go!

June 15, 2021

Jeff Rosenthal

NC Department of Commerce

Labor & Economic Analysis Division

Who is LEAD?

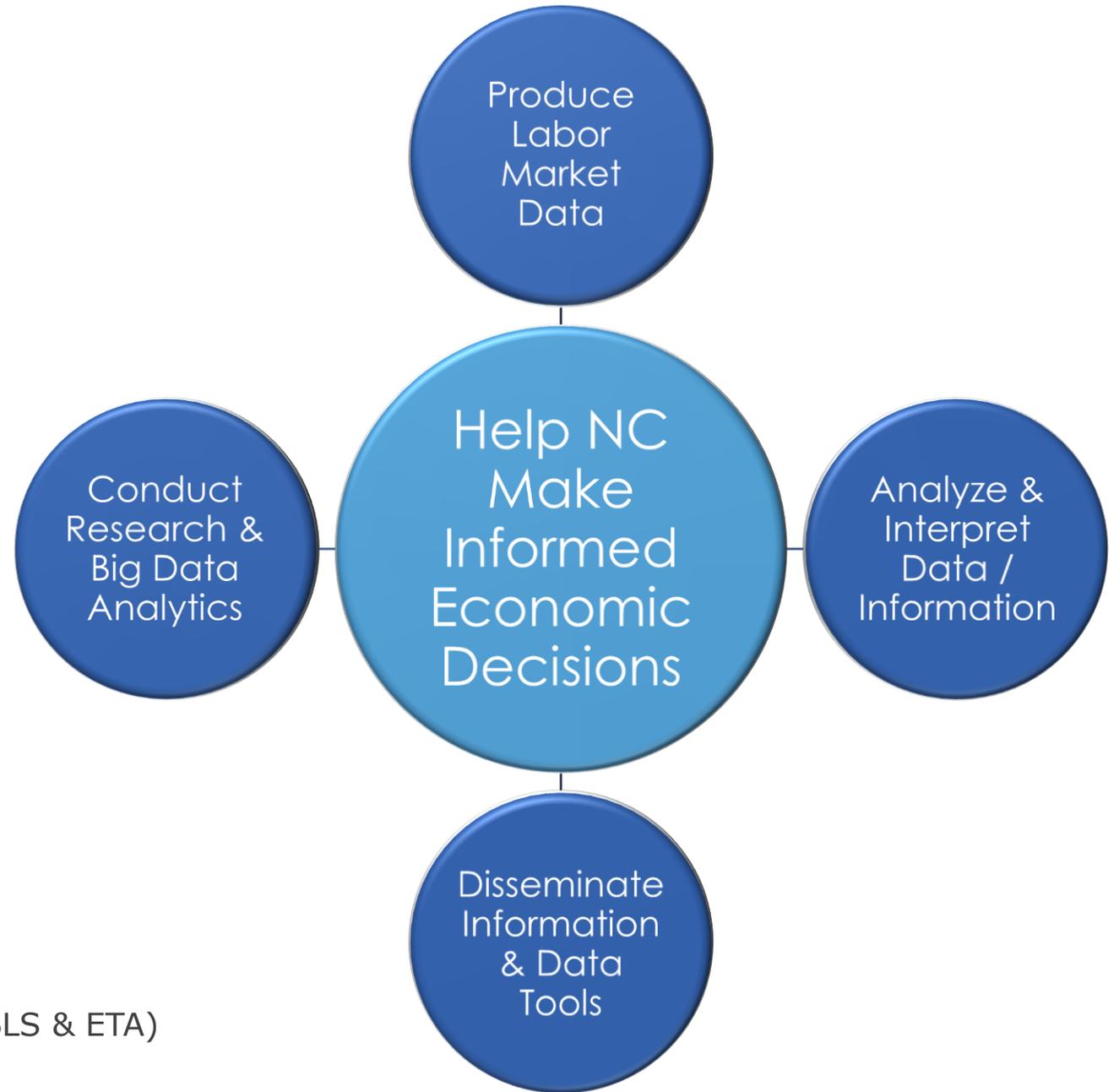
NC's primary source of economic & labor market data, information, & analysis



NC DEPARTMENT
of **COMMERCE**
LABOR & ECONOMIC
ANALYSIS

Funding

Multiple sources, including state \$
Most significantly by US Dept. of Labor (BLS & ETA)



Who is LEAD?

NC's primary source of economic & labor market data, information, & analysis



NC DEPARTMENT
of **COMMERCE**
LABOR & ECONOMIC
ANALYSIS

Funding

Multiple sources, including state \$
Most significantly by US Dept. of Labor (BLS & ETA)

**NC Economic Trends
Blog:**

The LEAD FEED

<https://www.nccommerce.com/news/the-lead-feed>



On Twitter:

 @CareersInNC
@LeadNC

Oh, the Geographies You'll Go!

1. Why geographies?

2. What geographies?

3. Rule of more detailed geographies and data.

4. Example with industry employment.

Why geographies?

1. WTP– Place is a key part of getting data

What

Time

Place

Why geographies?

1. WTP– Place is a key part of getting data

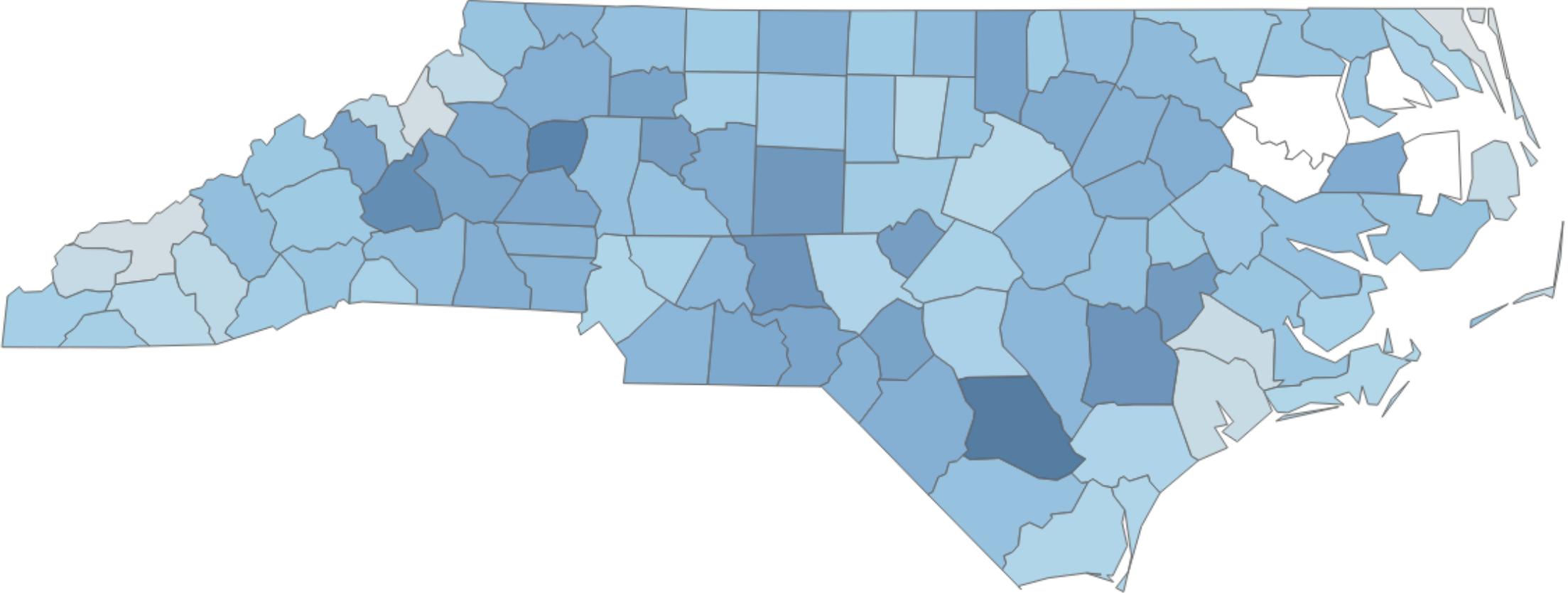
2. Different areas have different specialties/strengths/outcomes

Use Location Quotient (LQ) to identify specialization

LQ = $\frac{\text{proportion of employment in industry I in small region}}{\text{proportion of employment in industry I in larger region}}$

Current Industry Landscape

Manufacturing by Location Quotient



Source: US Department of Labor Bureau of Labor Statistics and NC Dept of Commerce: Quarterly Census of Employment 2020Q3 Private

Why geographies?

1. WTP– Place is a key part of getting data
2. Different areas have different specialties/strengths/outcomes
- 3. Data may not exist for the geography you want**

What geographies?



What geographies?

National for U.S.

Data: many pieces of interest from

- **Labor Force Statistics with some details from the [Current Population Survey](#)**
- **Measures of [Labor Underutilization](#)**
- **Demographic and Household data from [American Community Survey](#)**
- **Occupational Information from [O*NET](#)**

What geographies?

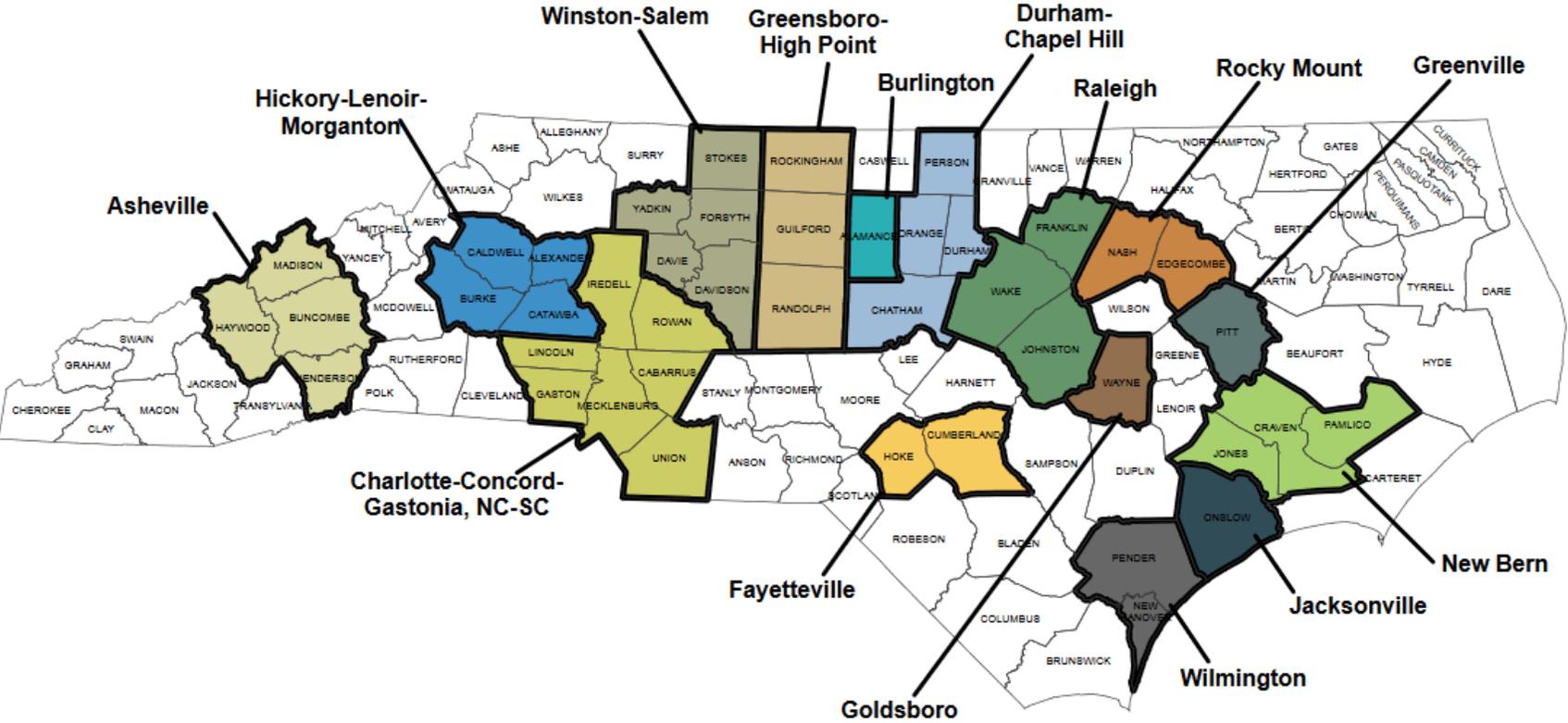
State Level

Data: many pieces of interest from

- **Labor Force and Employment Statistics from [D4](#)**
- **Statewide [projections](#)**
- **Demographic and Household data from [American Community Survey](#)**

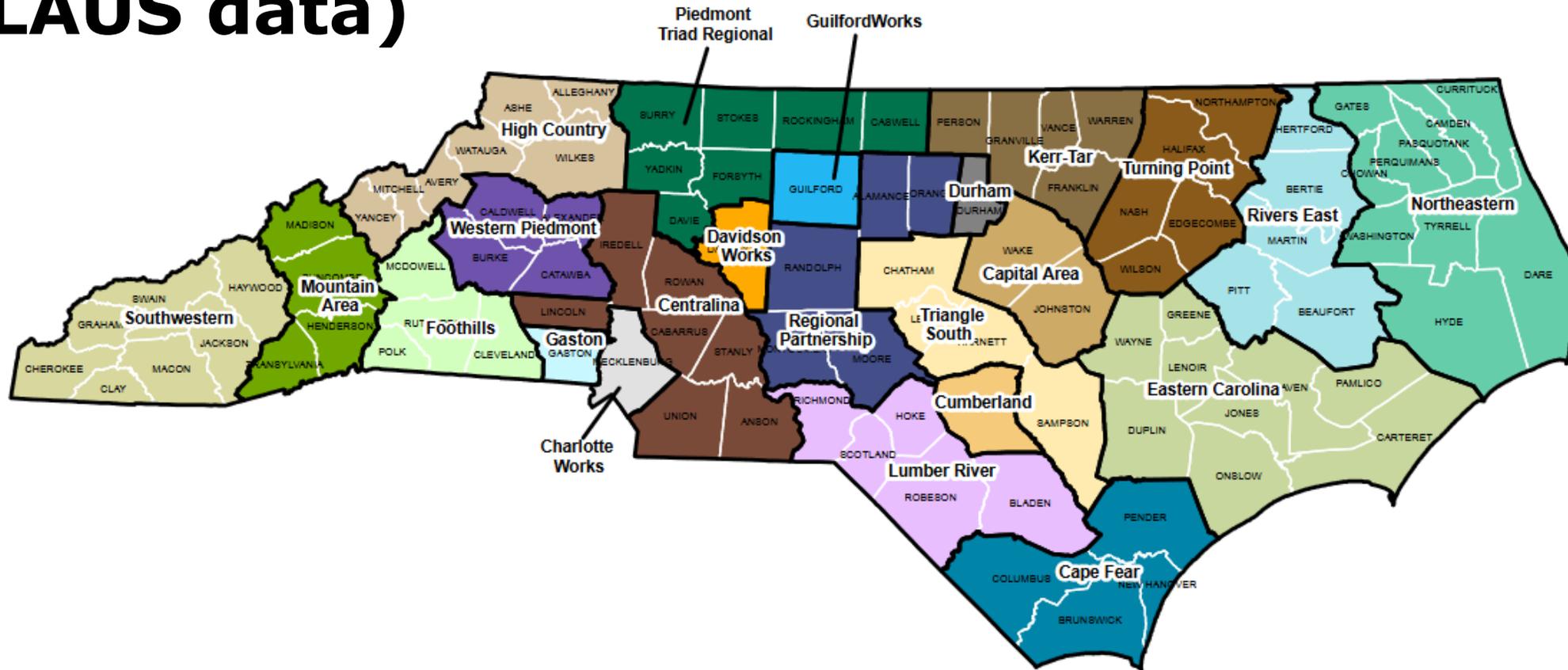
What geographies?

Metropolitan Statistical Areas (MSA) (add CES data)



What geographies?

Workforce Development Boards (QCEW and LAUS data)



Rule of more detailed geographies and data

If you want more detailed geography- you may need to settle for more general industry data
(sector/2-digit instead of sub-sector/3-digit)

If you want more detailed industry you may need to settle for more general geography
(Metropolitan Statistical Area instead of County)

Example- More Detailed Geography

Animal Slaughtering (NAICS 3116) in Wilkes County would have to go up to **Food Manufacturing (NAICS 311) for 2020Q4 data.**

Example- More Detailed Industry

Animal Slaughtering (NAICS 3116) in Wilkes County would have to go up to High Country Workforce Development Board for 2020Q4 data.

QUESTIONS?

Topic for July 6

Session 5: New Projections!

This session will highlight some of the new Substate Projections data we have. This will focus on using tools to examine this data. Please bring questions!

Thank You!

Jeff Rosenthal

jeff.rosenthal@nccommerce.com



NC DEPARTMENT
of COMMERCE
LABOR & ECONOMIC
ANALYSIS

Jamie Vaughn

jamie.vaughn@nccommerce.com



Follow us on Twitter...

@LeadNC



@CareersInNC