

# LMI TUESDAY

## **Occupational Employment & Wage Statistics:** Brief Program Overview + Review of Latest Occupational Information

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# OEWS:

- Is managed by BLS
- Produces employment and wage estimates based on occupations
- Covers workers in most nonfarm establishments
- Excludes self-employed, owners/partners of unincorporated firms, household workers, unpaid family workers.

## U.S. Bureau of Labor Statistics



# Questions to help us learn more about the OEWS program:

- 1. Who?**
- 2. What?**
- 3. Where?**
- 4. When?**
- 5. How?**
- 6. Why?**

## OEWS Who carries out the work?

The United States [Department of Labor's Bureau of Labor Statistics](#) produces this data at the [national level](#) with the help of state partners collecting data for their particular states.

North Carolina's state partner for this program is the NC Department of Commerce, and it is carried out through the hard dedicated work of those in the Occupational Analysis Team in LEAD.

# OEWS Who provides the data?

We take a sample of establishments (chosen by the national office)

- From our Quarterly Census of Employment & Wages (QCEW)
  - UI-covered employment
- Approximately 6,700 establishments across the industry structure across all regions in North Carolina

# OEWS What is collected?

## **The information we collect includes:**

- Number of workers with particular job titles
- Wage rate of these workers
- Description of tasks on the jobs

## **Why the description of tasks?**

- We need to code these occupations.

# Occupations

- The OEWS program uses the Standard Occupational Classification (SOC) system to classify jobs into occupations based on job duties.

# Standard Occupational Classification System

**VV-WXXY**

- **VV** = Major Group
- **W** = Minor Group
- **XX** = Broad Occupation
- **Y** = Detailed Occupation



# Occupation Classification

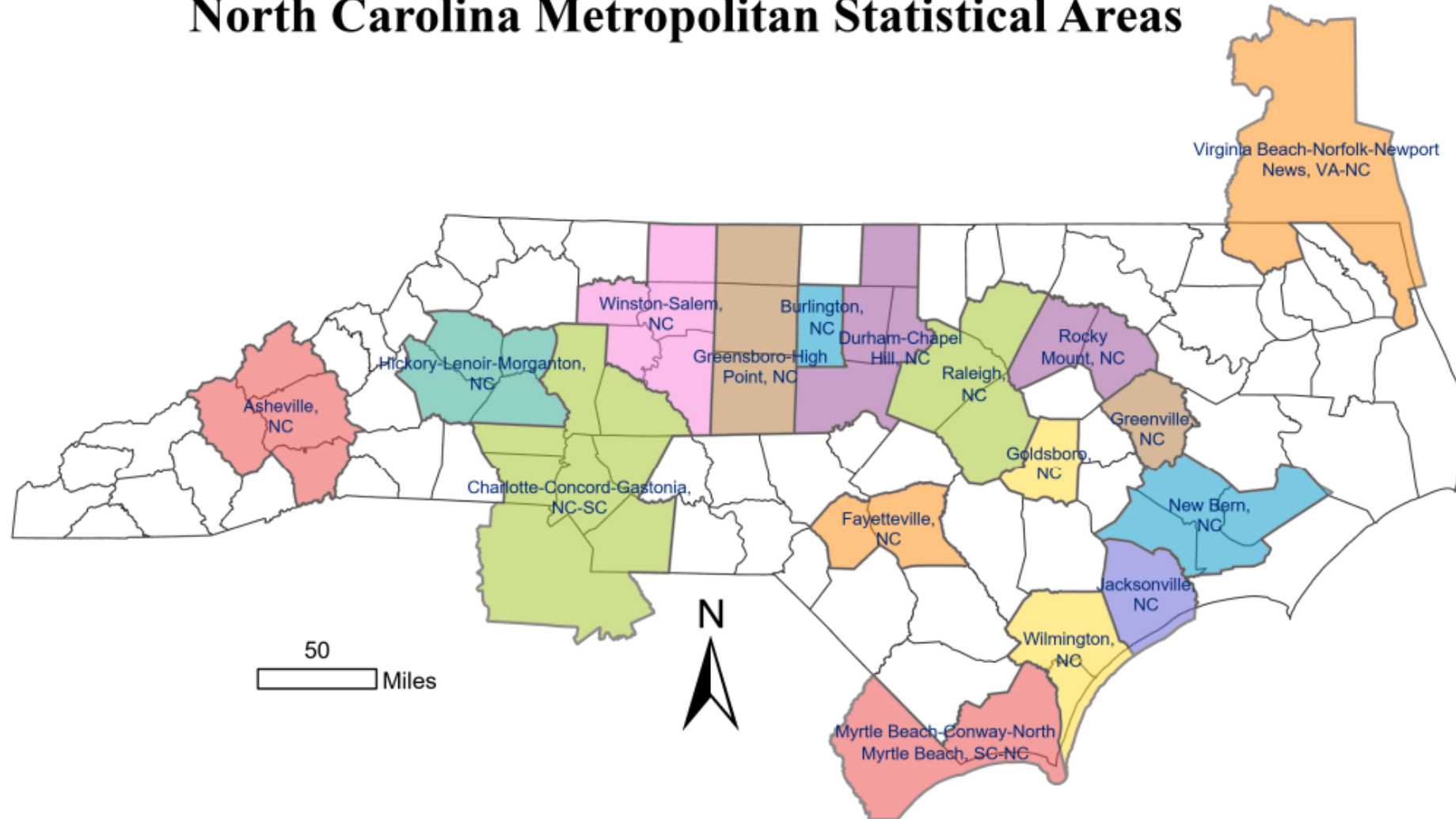
- **Fast Food Cooks 35-2011**
  - **35**: Major Group-
    - **35-0000 Food Preparation & Serving Related**
  - **2**: Minor Group-
    - **35-2000 Cooks & Food Preparation Workers**
  - **01**: Broad Occupation-
    - **35-2010 Cooks**
  - **1**: Detailed Occupation-
    - **35-2011 Cooks, Fast Food**

# OEWS Where?

**National level, but also State, Metropolitan Statistical Area, and Balance of State regions**

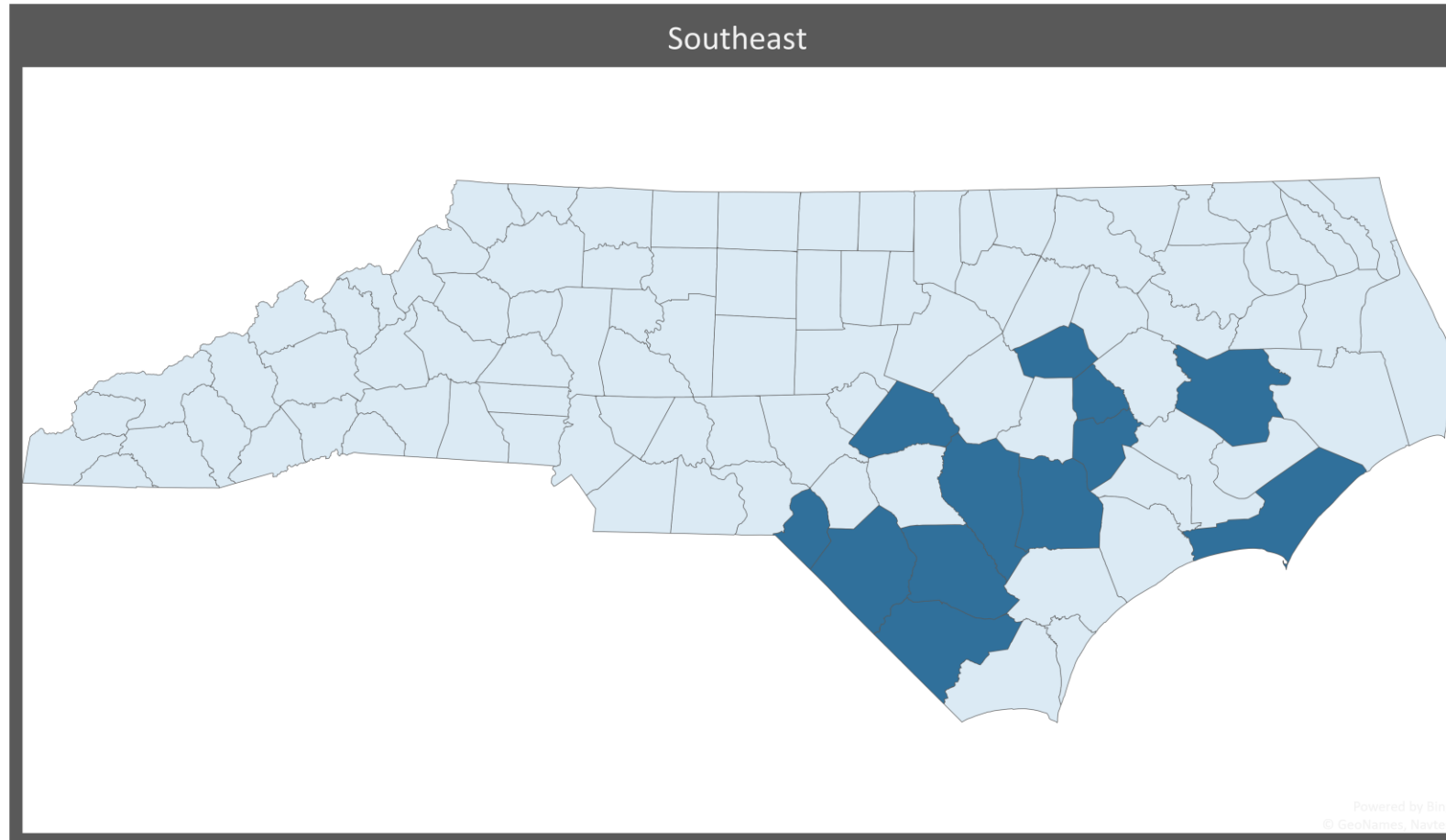
# OEWS Where? Metropolitan Statistical Areas (MSA)

## North Carolina Metropolitan Statistical Areas



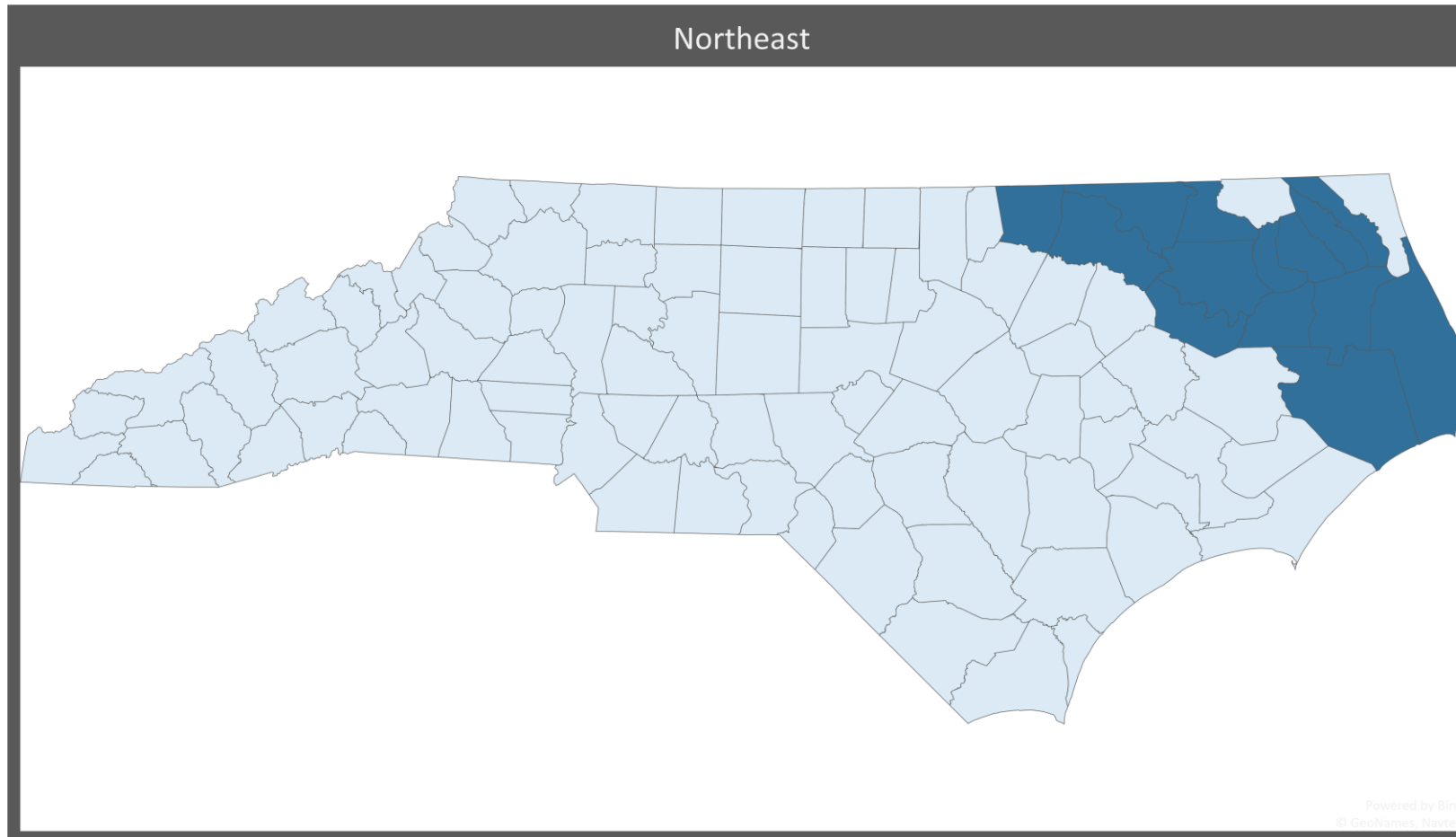
# OEWS Where? Balance of State areas

## Southeast Coastal North Carolina nonmetropolitan area



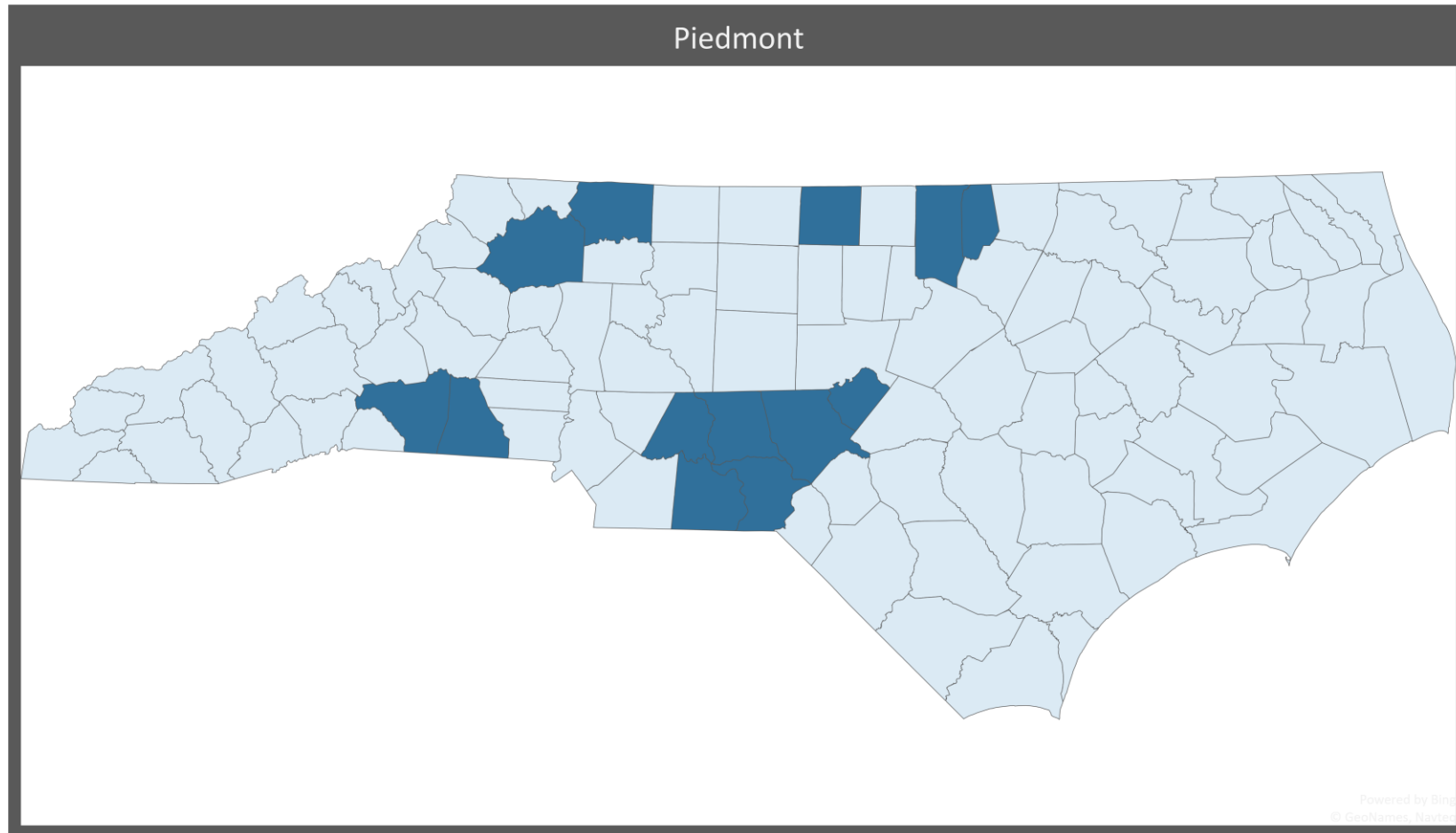
# OEWS Where? Balance of State areas

## Northeast Coastal North Carolina nonmetropolitan area



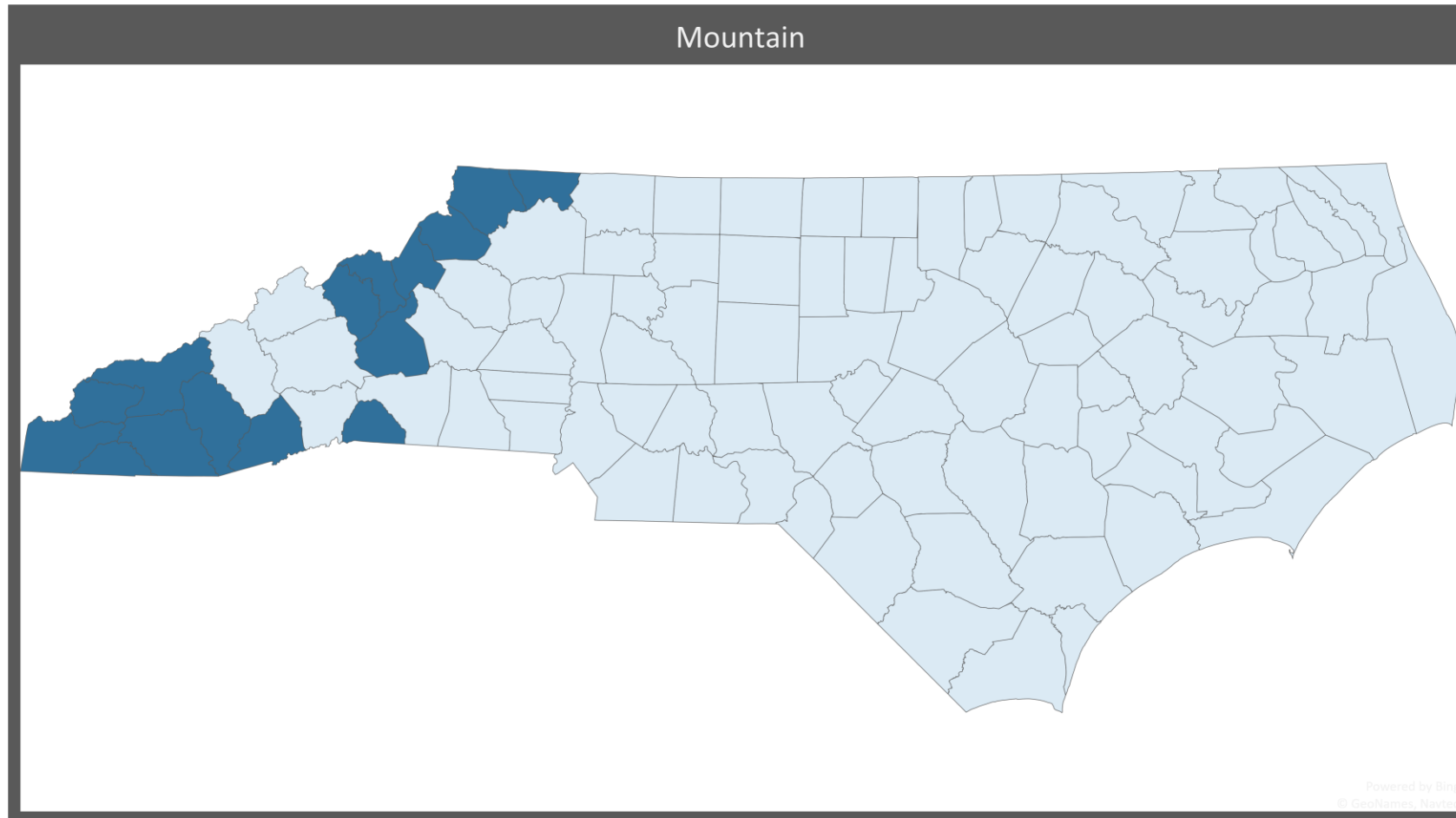
# OEWS Where? Balance of State areas

## Piedmont North Carolina nonmetropolitan area

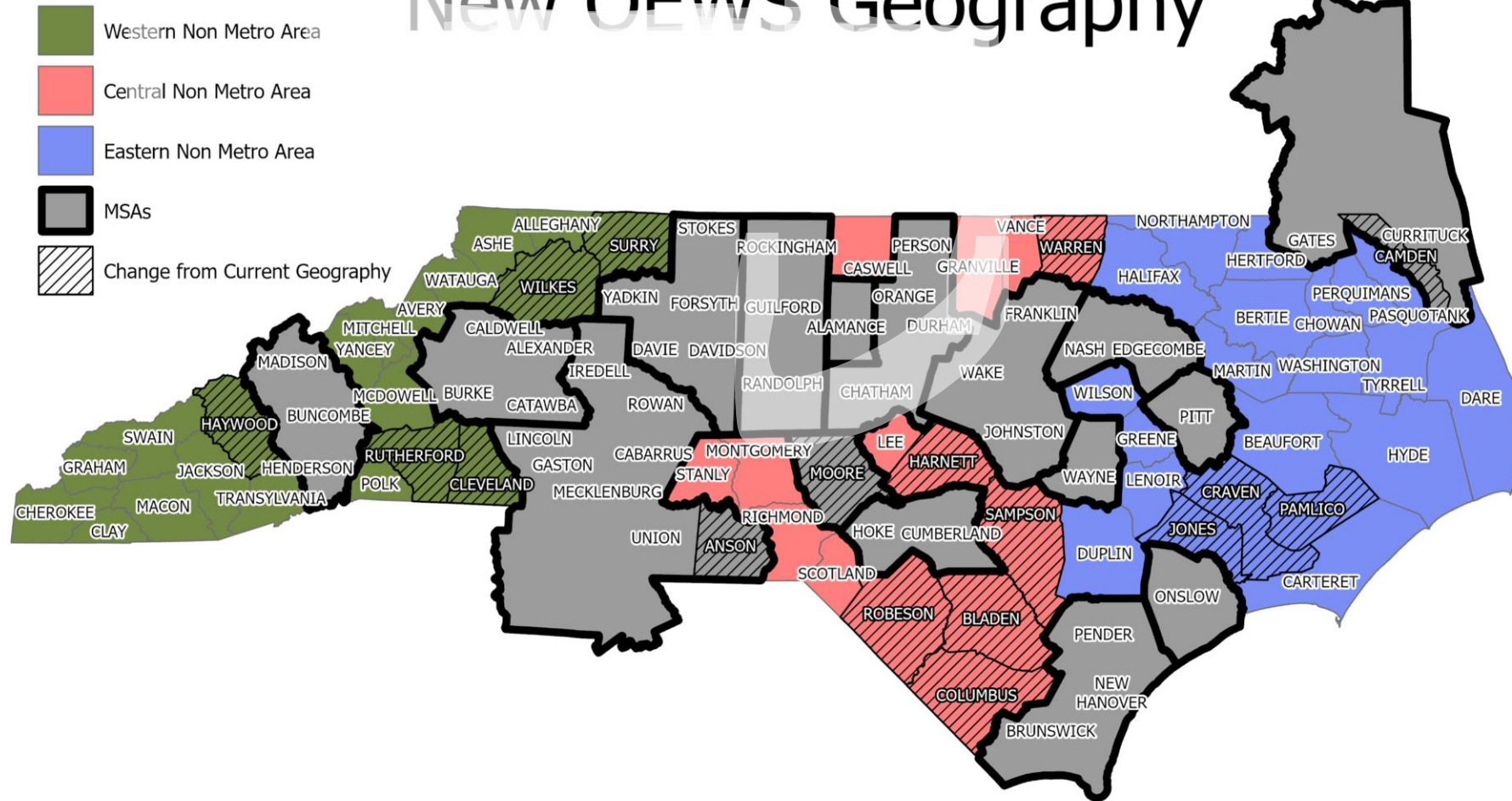


# OEWS Where? Balance of State areas

## Mountain North Carolina nonmetropolitan area



# New OEWS Geography



Data collection begins with May 2024 panel and will be seen in May 2024 estimates (produced May 2025).



## OEWS How?

**Collect 2 panels of data each year (November & May), and spend 6 months collecting, refining, coding, and processing the data.**

**What you see with the May 2023 estimates includes 6 panels including:**

- May 2023
- November 2022
- May 2022
- November 2021
- May 2021
- November 2020

## OEWS Why?

- Produce employment and wage estimates
- Provides comprehensive information on occupations at multiple levels directly for public
- Feeds into projections, which provide information about future occupational growth and needs

# OEWS - Employment in North Carolina (May 2023)

- The occupations with the most employment in North Carolina are:

SOC	Occupation	Employment (statewide)
41-2011	Cashiers	125,730
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	121,740
41-2031	Retail Salespersons	116,550
29-1141	Registered Nurses	104,380
53-7065	Cooks, Fast Food	94,450

# OEWS - Employment in North Carolina (May 2023)

## Major Occupational Groups:

- The largest occupational family in North Carolina is Office and Administrative Support (SOC 43-0000) at 554,250.
- The smallest is Farming, Fishing, and Forestry (SOC 45-0000) at 7,180.

# OEWS - Wages in North Carolina (May 2023)

## A Look at Wages in NC:

- Annual median wage across all occupations is \$45,440.
- Annual mean wage across all occupations is \$59,730.
- Management (SOC 11-0000) has the highest annual median wage (\$110,700) while Food Preparation & Serving Related (SOC 35-0000) has the lowest (\$27,920).

# NC Products that Incorporate OEWS Data

## Demand Driven Data Delivery

### 4 DEMAND DRIVEN DATA DELIVERY

Data ▾ Other tools Resources ▾

Select Geography:

[Reset All Geographies](#)

[Select All Geographies](#)

North Carolina

Balance of State

Metropolitan Statistical Area (2013 Def)

## Occupational Employment and Wages in North Carolina (OEWS) ?

Occupation:

- 00-0000 - Total All occupations
- 11-0000 - Management Occupations
- 13-0000 - Business and Financial Operations Occupations
- 15-0000 - Computer and Mathematical Occupations
- 17-0000 - Architecture and Engineering Occupations
- 19-0000 - Life, Physical, and Social Science Occupations
- 21-0000 - Community and Social Services Occupations
- 23-0000 - Legal Occupations
- 25-0000 - Education, Training, and Library Occupations

Industry:

- 000000 - Cross-industry, private, federal, state, and local government
- 11 - Agriculture, Forestry, Fishing & Hunting
- 113 - Forestry and Logging
- 1133 - Logging
- 115 - Agriculture & Forestry Support Activity
- 1151 - Support Activities for Crop Production
- 1152 - Support Activities for Animal Production
- 21 - Mining

Data:

- Employment
- Employment Relative Standard Error
- Response Rate(%)
- Hourly wage; mean
- Annual wage; mean
- Wage Relative Standard Error
- Hourly wage; 10th percentile
- Hourly wage; 25th percentile
- Hourly wage; median



Additional information regarding the OEWS program including data for the Nation and other states can be accessed on the Bureau of Labor Statistics website at <https://www.bls.gov/oes/home.htm>

[OEWS industry hierarchy](#)

[OEWS occupation hierarchy](#)

# NC Products that Incorporate OEWS Data

## Occupational Wage Lookup Dashboard



ABOUT  

Wages Areas Industry Instructions for Download

### North Carolina 2022 Occupational Wage Lookup



Step 1: Select Area

Step 2: Select a Job Title

North Carolina All Occupations

To select a different SOC code or Official Occupation Category, click a different code/category.

Step 3: Select the most appropriate SOC Code or Occupation Category

SOC Code Official Occupation Category(ies) for Selected Job Title BLS Min Ed Req for Entry for Selected Job Title

00-0000

All Occupations

Missing or N/A

All occupations across all industries in this area.

[Click here for more information about the necessary experience, education, and key skills and abilities for All Occupations.](#)

Step 4: Select Industry Level

Step 5: Select industry(ies)

Step 6: Select Wage Type

Step 7: View data below. Missing values are suppressed.

All (NAICS 000000)

000000 -- Total, all industries

Annual

To quickly deselect industries, check the "(All)" option at the top of the filter, then uncheck the same option. If you did it correctly, the bar should say "(None)".

# Recap

1. The Occupational Employment & Wage Statistics program is a cooperative effort between the U.S. Dept. of Labor and States.
2. OEWS provides perhaps the most comprehensive picture of occupational employment and wages across the country, state, and regional geographies.
3. The latest NC occupational employment data are available now and can be accessed from the [BLS national](#) website; and very soon from our [dashboard](#), and [D4](#).



# Questions/Thank You!



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