

Manufacturing Week

Celebrating the Importance of the Industry for North Carolina

What is Manufacturing?

According to QCEW, which manufacturing industry had the **highest employment** in 2022?

- A. **Transportation equipment**
- B. **Beverage & tobacco**
- C. **Chemical (incl. Pharmaceuticals)**
- D. **Food**

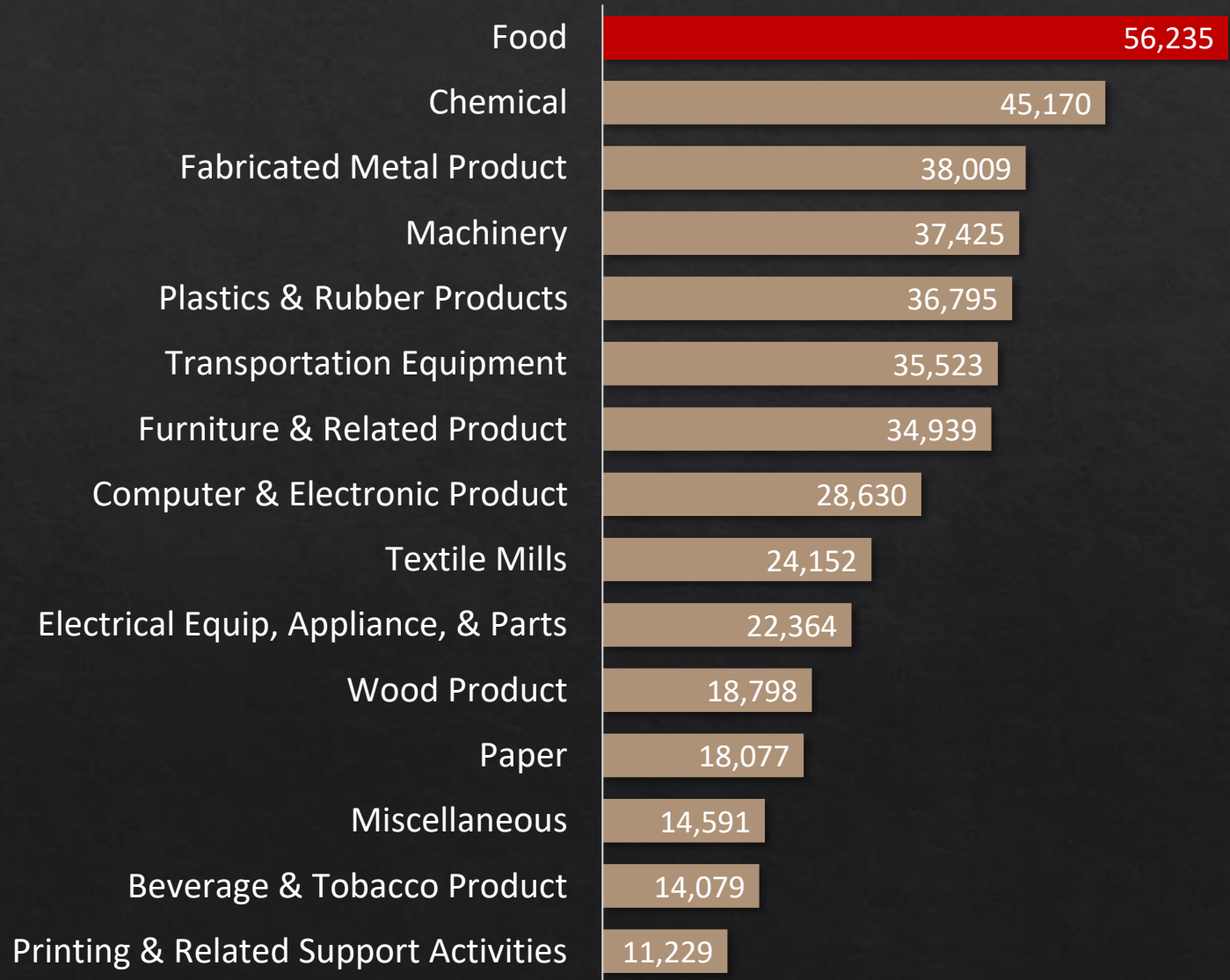
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Top 15 3-Digit Manufacturing Industries by Employment, 2022

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1 in 8 (12%) NC mfg jobs were in Food in 2022



Which products are included in Advanced Manufacturing?

- A. Wood Products
- B. Computer & Electronic Products
- C. Food Products
- D. All the above

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Advanced manufacturing industries increasingly **integrate new innovative technologies in both products and processes.**

How Big is NC's Manufacturing Sector?

According to QCEW, Manufacturing accounted for what portion of NC's total employment in 2022?

- A. 1 in 10
- B. 1 in 14
- C. 1 in 17
- D. 1 in 20

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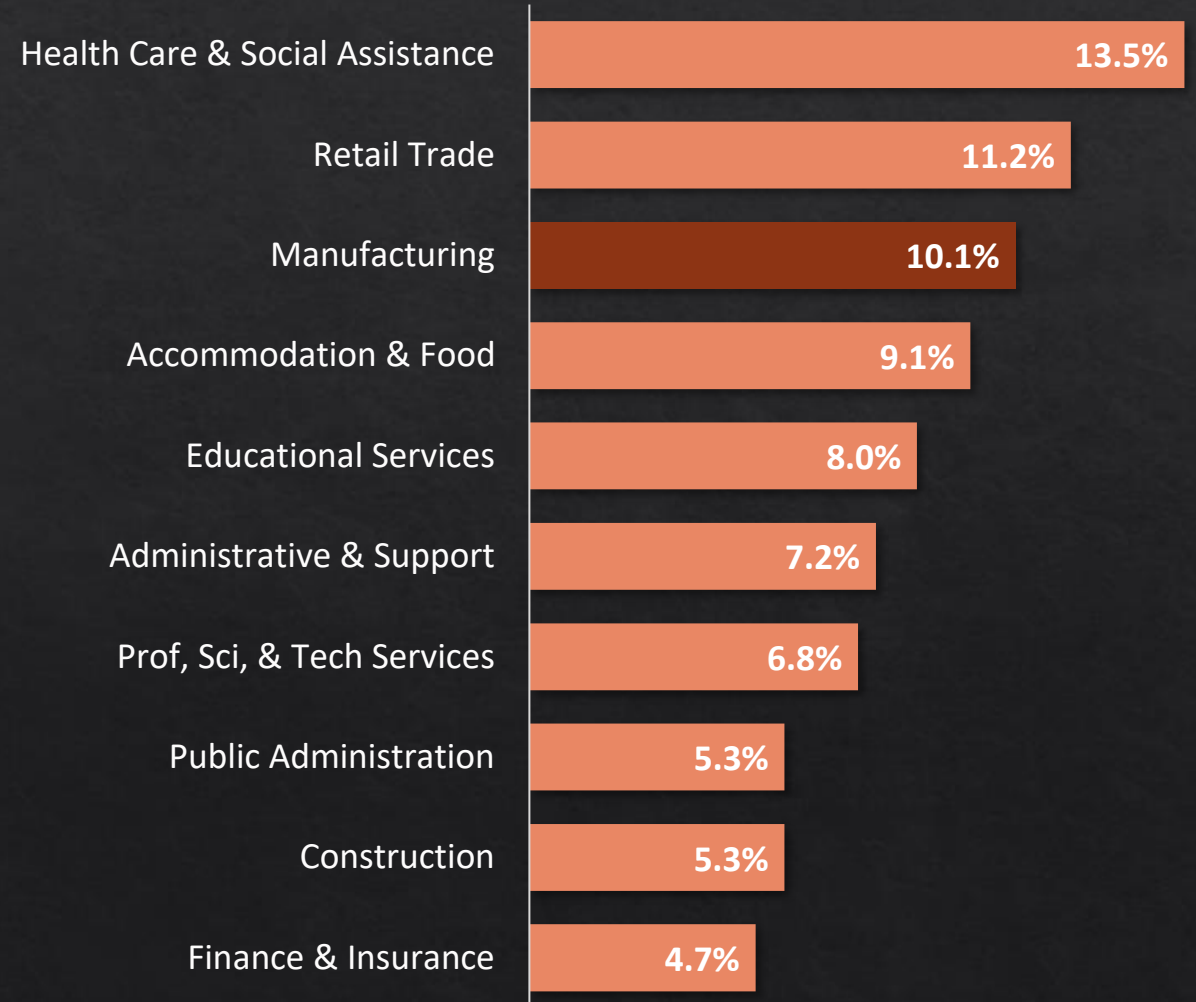
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Percentage of NC's Total Employment, 2022



County Manufacturing Employment

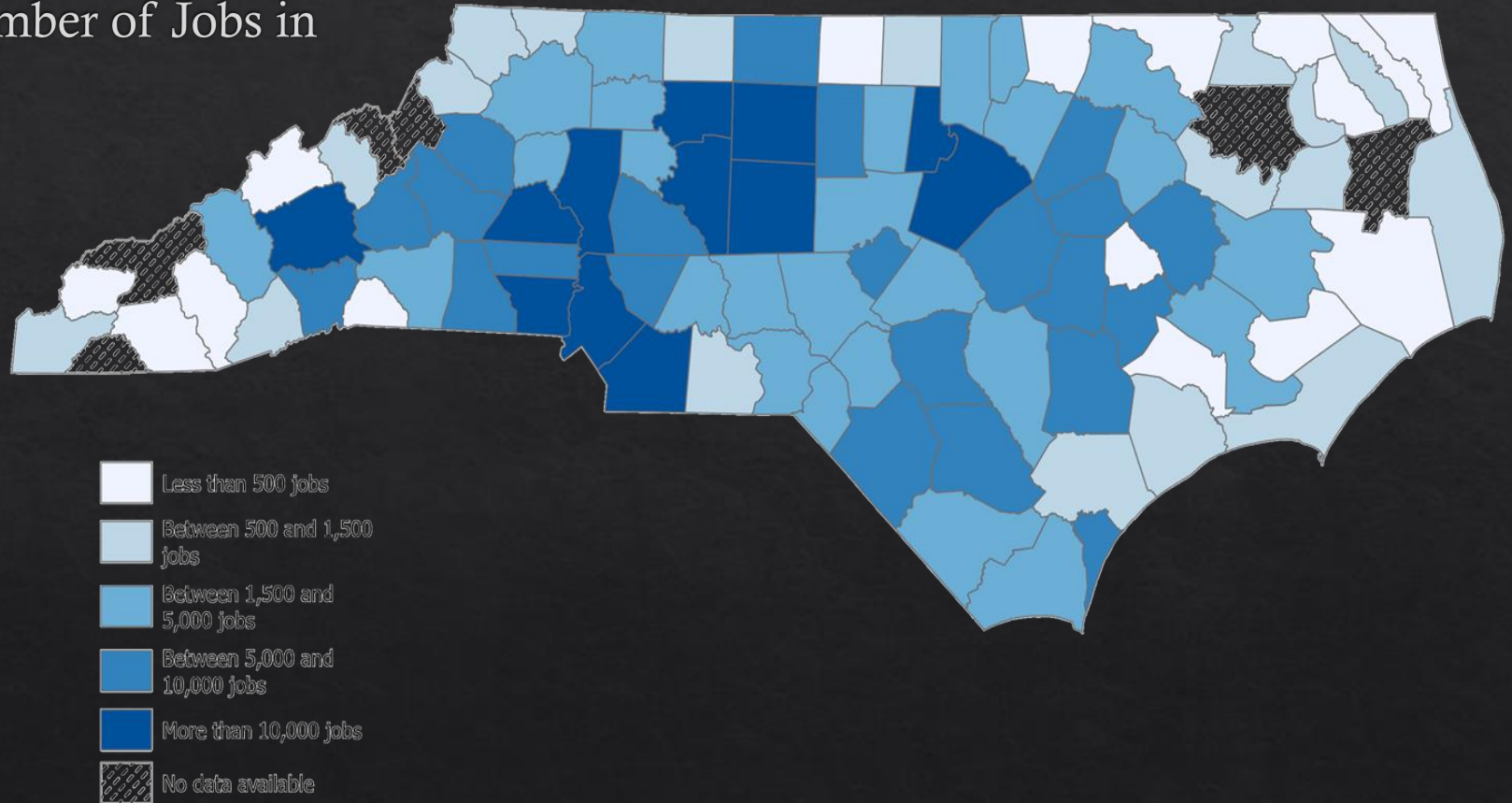
What County has the largest number of Jobs in Manufacturing?

- A. Mecklenburg
- B. Catawba
- C. Durham
- D. Wake

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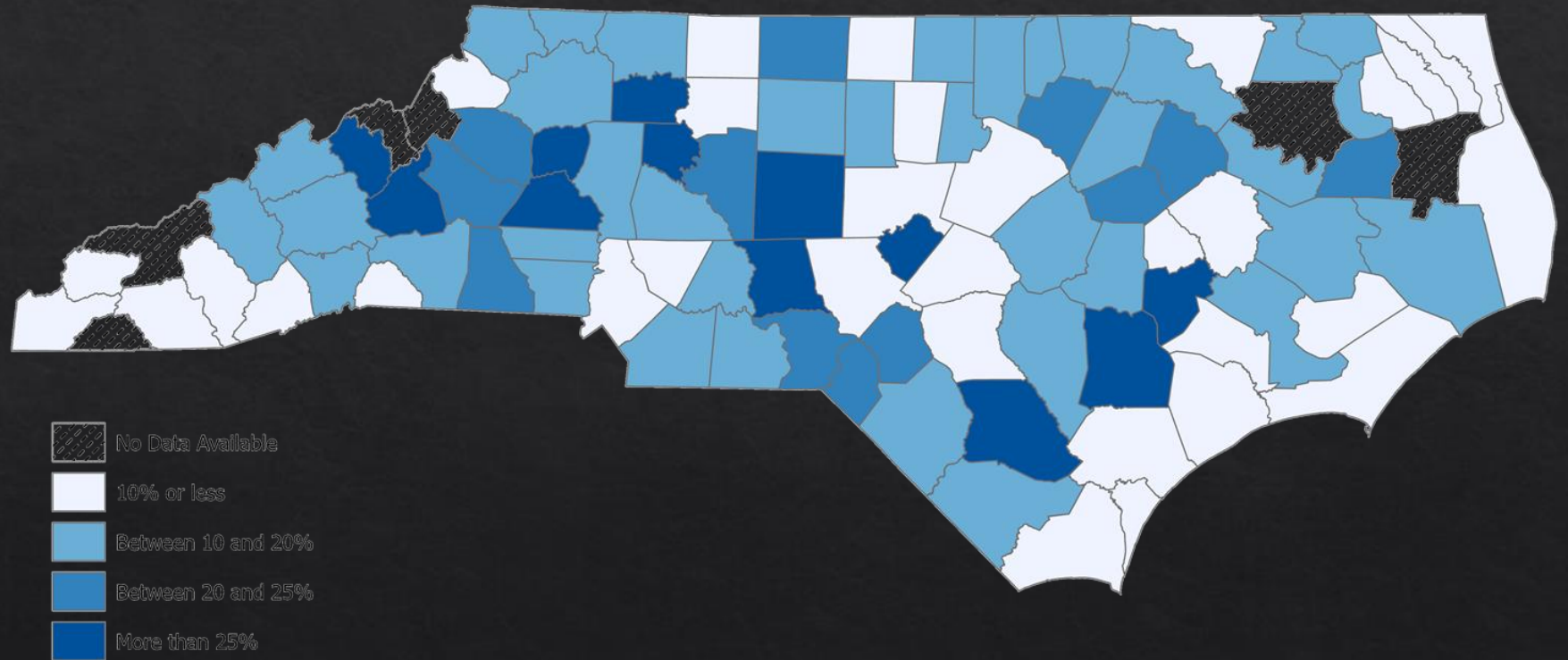
What County has the largest share of jobs in Manufacturing?

- A. Durham
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How has Manufacturing employment changed?

From 1993 to 2010, NC's Manufacturing sector lost 400,000 jobs – more than the total number in Education today. What has happened in the 12 years since?

Manufacturing employment...

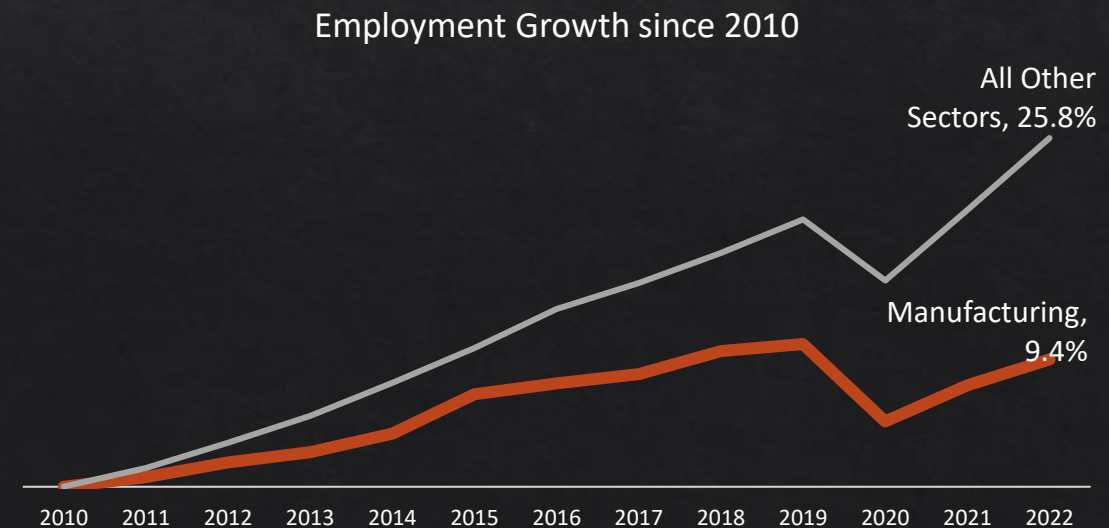
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Major Contributor to NC's GDP

Does North Carolina's Manufacturing Industry have a higher or lower contribution to GDP than the US?

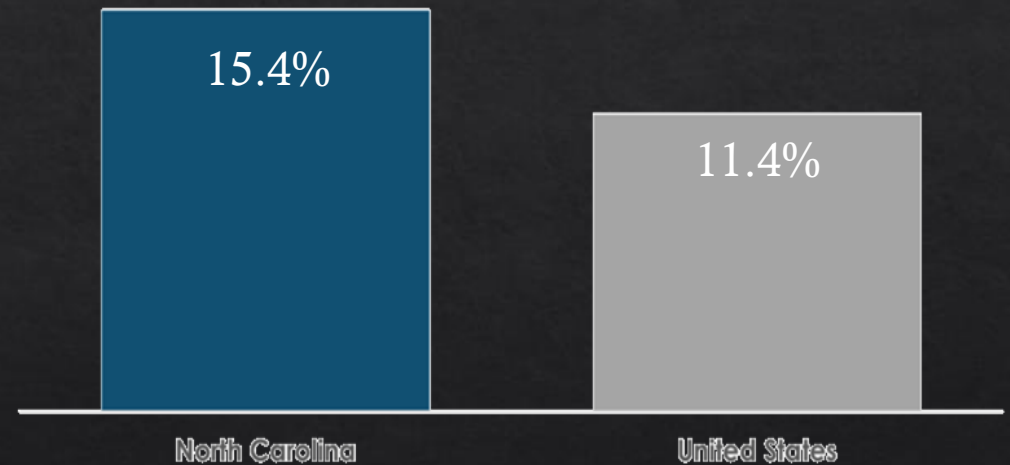
- A. Higher
- B. Lower

Major Contributor to NC's GDP

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GDP Contribution per worker

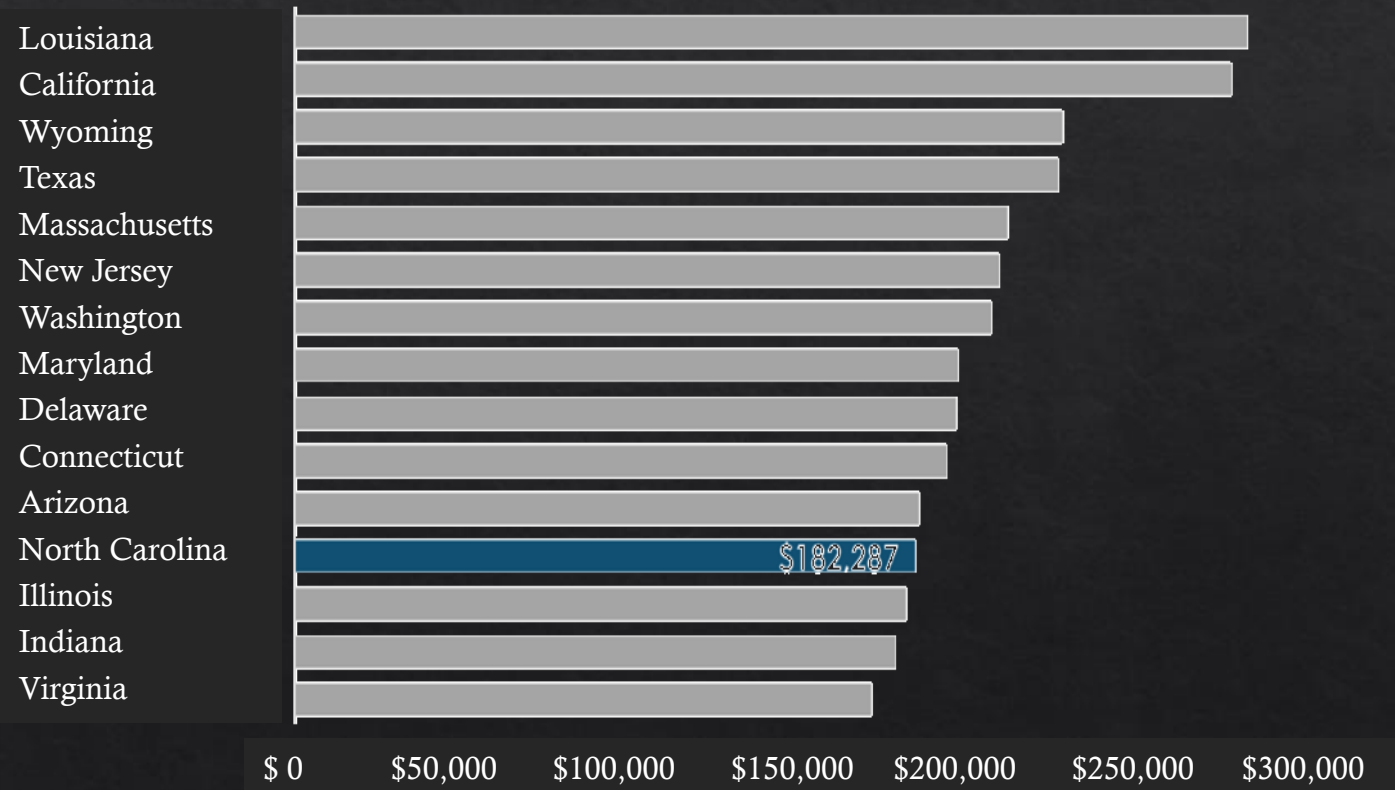
Where does NC rank among all 50 states in manufacturing contribution per worker?

- A. 25th
- B. 12th
- C. 8th
- D. 1st

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Total Wages by Industry

What Manufacturing Industry (3-digit) has the highest average weekly wage?

- A. Chemical Manufacturing
- B. Metal Manufacturing
- C. Petroleum and Coal Products Manufacturing
- D. Computer and Electronic Component Manufacturing

Total Wages by Industry Graphic

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Top States for Manufacturing

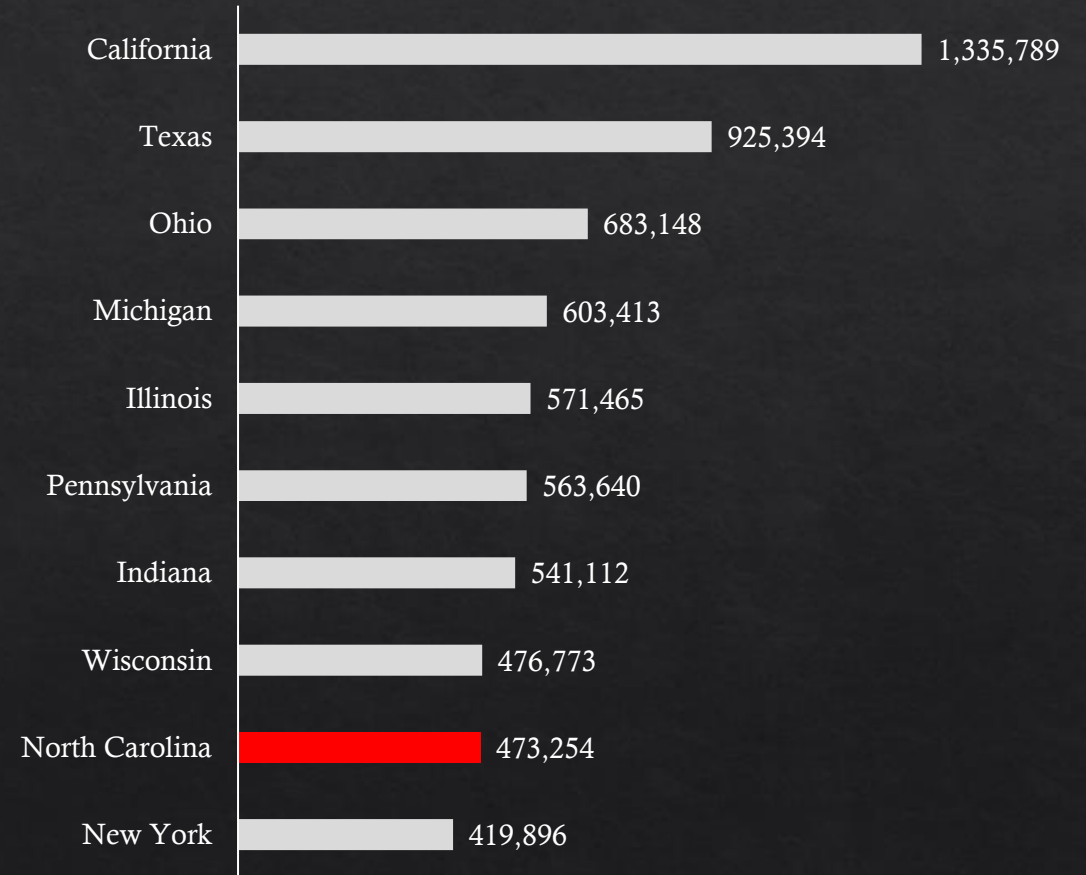
Where does North Carolina rank nationally in manufacturing employment?

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What are employers looking for?

According to the 2022 NC Employer Needs Survey, **Manufacturers are more likely to cite a lack of appropriate Education Credentials** as a problem in hiring non-entry-level workers than all employers overall?

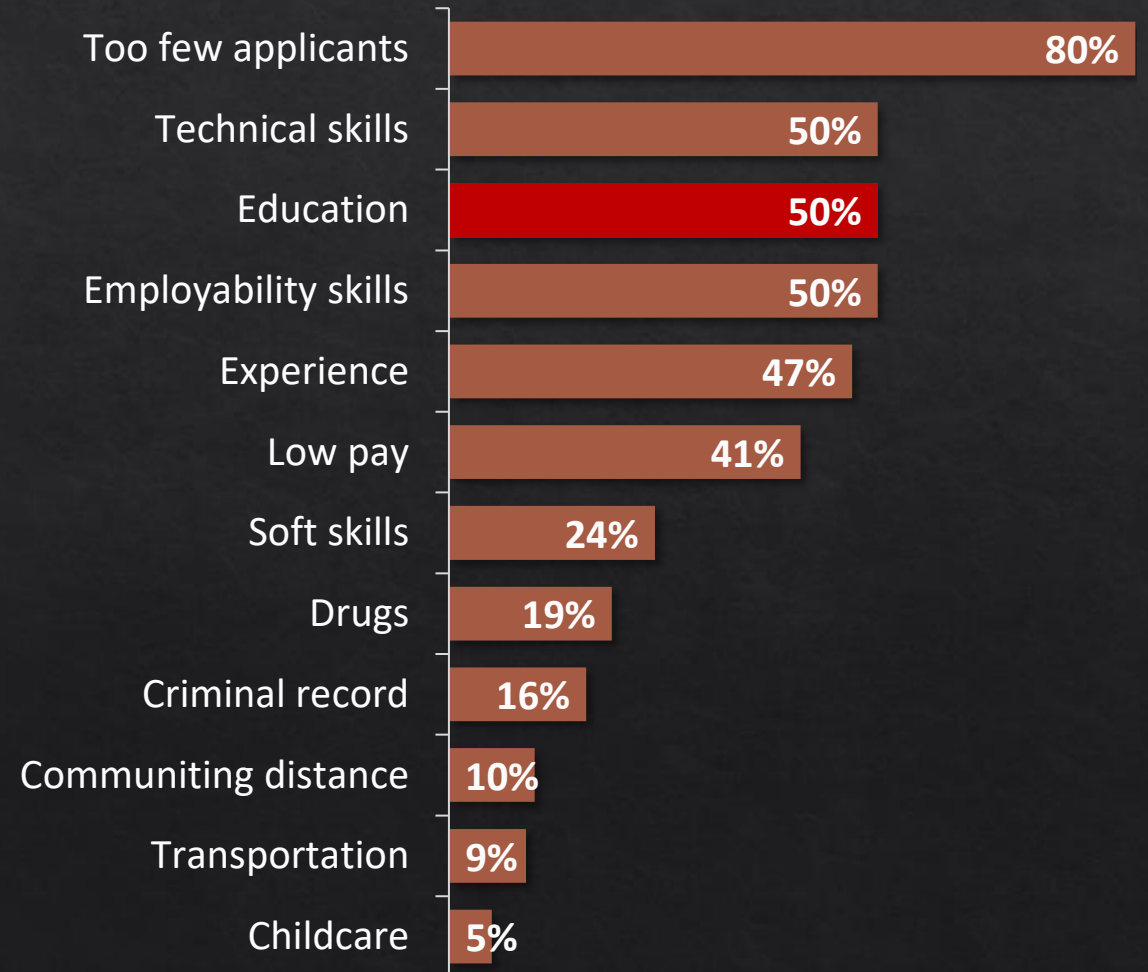
- A. **True**
- B. **False**

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- A. **True**
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Manufacturers with Difficulty Hiring Non-Entry-Level Workers



Where is Manufacturing headed?

Many industry leaders say Manufacturing is entering a new Industrial Revolution – resulting from a blending of the digital, physical, and biological worlds.

How many Industrial Revolutions have there been up to now?

- A. 1
- B. 3
- C. 5
- D. 7

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Automation Exposure

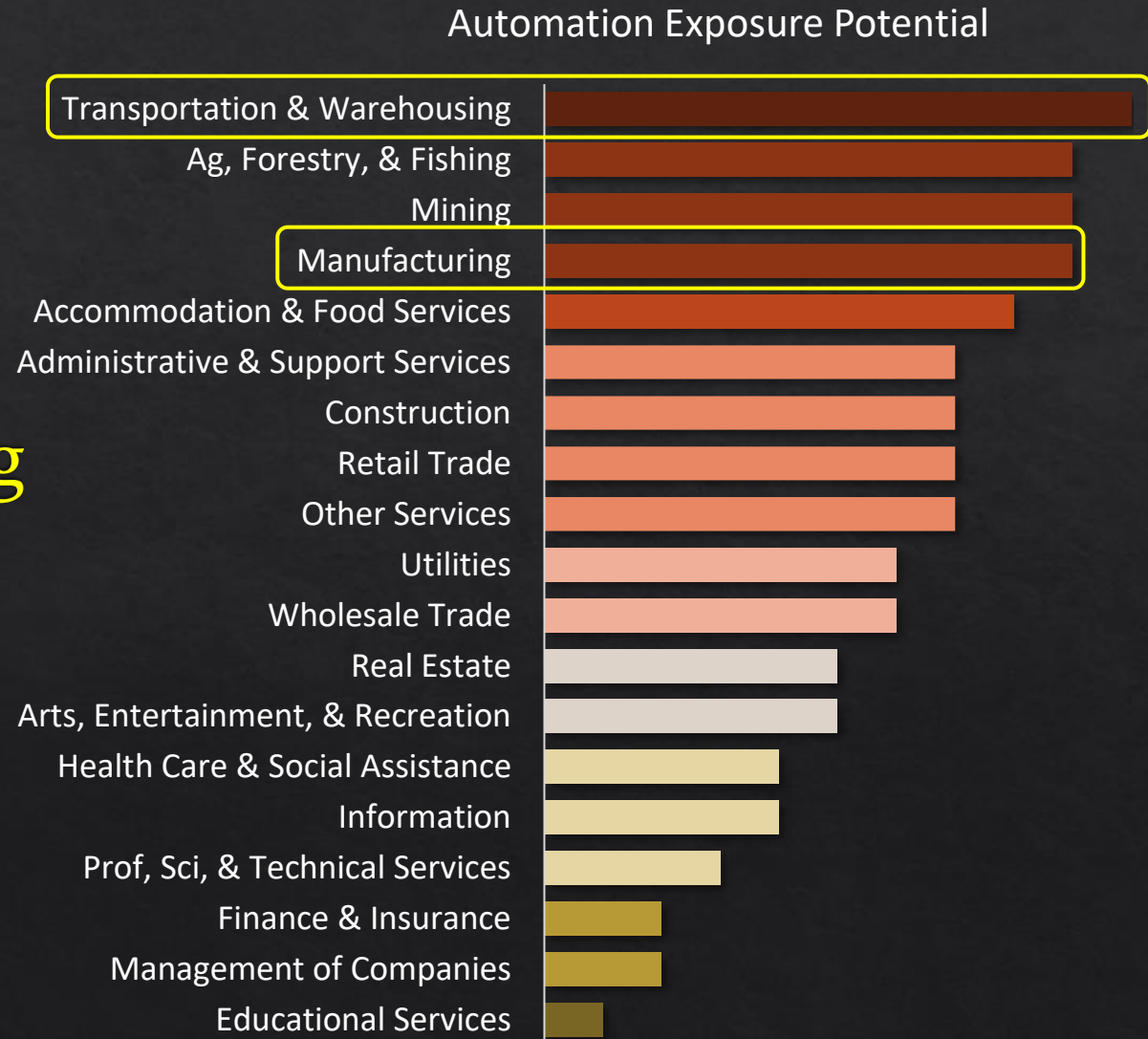
According to LEAD's analysis, which industry sector faces the greatest potential workforce disruption due to non-AI automation?

- A. **Transportation & Warehousing**
- B. **Manufacturing**
- C. **Retail**
- D. **Real Estate**

Automation Exposure

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- C. Retail
- D. Real Estate



Industry Projections (3-digit)

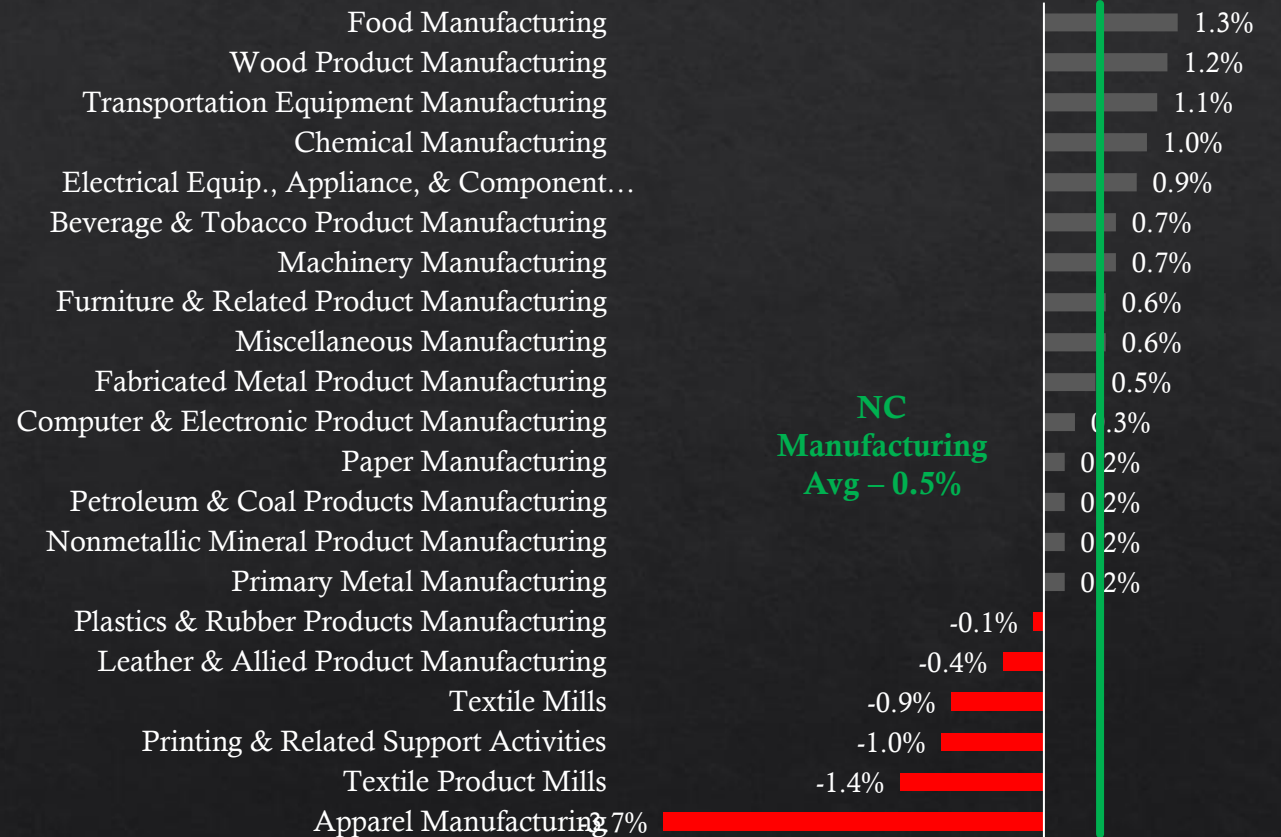
Which Manufacturing Industry (3-digit) is expected to grow the fastest from 2021-2030?

- A. Computer and Electronic Manufacturing
- B. Chemical Manufacturing
- C. Food Manufacturing
- D. Plastics and Rubber Manufacturing

Industry Projections (3-digit)

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So what should you know about Manufacturing?

- ◆ Manufacturing is critically important to NC
 - ◆ Jobs, wages, GDP
- ◆ Manufacturing has changed significantly in past 30 years
 - ◆ Moved from top 3 – Textiles, Apparel, & Furniture
 - ◆ More diverse set of industries today
- ◆ Manufacturing is and will be changing again
 - ◆ More advanced processes
 - ◆ More technical skills & education needed
 - ◆ More advanced products