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

What is Manufacturing?

Printing & Re

Top 15 3-Digit Manufacturing Industries by Employment, 2022

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- D. Food

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

Food 50	Food	6,235
Chemical 45,170	Chemical	
letal Product 38,009	Fabricated Metal Product	
Machinery 37,425	Machinery	
ber Products 36,795	Plastics & Rubber Products	
n Equipment 35,523	Transportation Equipment	
ated Product 34,939	urniture & Related Product	
onic Product 28,630	puter & Electronic Product	
Textile Mills 24,152	Textile Mills	
ance, & Parts 22,364	al Equip, Appliance, & Parts	
/ood Product 18,798	Wood Product	
Paper 18,077	Paper	
1iscellaneous 14,591	Miscellaneous 14,	
acco Product 14,079	everage & Tobacco Product 14,	
ort Activities 11,229	Related Support Activities 11,22	

Which products are included in Advanced Manufacturing?

- A. Wood ProductsB. 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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Percentage of NC's Total Employment, 2022

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County Manufacturing Employment

What County has the largest number of Jobs in Manufacturing?

A. MecklenburgB. CatawbaC. DurhamD. Wake

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Manufacturing Employment

What County has the largest share of jobs in Manufacturing?

A. DurhamB. CatawbaC. BladenD. Wake

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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...

- A. Continued to decline, but not as sharply
- B. Has leveled out and is about the same
- c. Grew, but among the slowest growth sectors
- D. Has been one of the fastest

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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. HigherB. Lower

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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 (3digit) 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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- D. Computer and Electronic Component Manufacturing

-	Computer & Electronic Product Manufacturing		\$2,498.00
/	Chemical Manufacturing	\$1,906.00	
ge	Petroleum & Coal Products Manufacturing	\$1,515.00	
5C	Primary Metal Manufacturing	\$1,460.00	
	Machinery Manufacturing	\$1,420.00	
	Electrical Equip., Appliance, & Component	\$1,391.00	
	Paper Manufacturing	\$1,326.00	
	Transportation Equipment Manufacturing	\$1,312.00	
	Plastics & Rubber Products Manufacturing	\$1,240.00	
	Miscellaneous Manufacturing	\$1,187.00	
	Wood Product Manufacturing	\$1,169.00	
	Fabricated Metal Product Manufacturing	\$1,163.00	
	Printing & Related Support Activities	\$1,000.00	
	Beverage & Tobacco Product Manufacturing	\$997.00	
	Food Manufacturing	\$944.00	
	Textile Mills	\$929.00	
	Furniture & Related Product Manufacturing	\$912.00	
	Textile Product Mills	\$861.00	
	Apparel Manufacturing	\$690.00	

Top States for Manufacturing

Where does North Carolina rank nationally in manufacturing employment?

A. 25thB. 9thC. 12thD. 1st

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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

в. False

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

Where is Manufacturing headed?

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How many Industrial Revolutions have there been up to now?





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

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Automation Exposure Potential

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Transportation & Warehousing	
Ag, Forestry, & Fishing	
Mining	
Manufacturing	
Accommodation & Food Services	
dministrative & Support Services	
Construction	
Retail Trade	
Other Services	
Utilities	
Wholesale Trade	
Real Estate	
rts, Entertainment, & Recreation	
Health Care & Social Assistance	
Information	
Prof, Sci, & Technical Services	
Finance & Insurance	
Management of Companies	
Educational Services	

Industry Projections (3-digit)

Which Manufacturing Industry (3digit) 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

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Food Manufacturing Wood Product Manufacturing Transportation Equipment Manufacturing Chemical Manufacturing Electrical Equip., Appliance, & Component... Beverage & Tobacco Product Manufacturing Machinery Manufacturing Furniture & Related Product Manufacturing Miscellaneous Manufacturing Fabricated Metal Product Manufacturing Computer & Electronic Product Manufacturing Paper Manufacturing Petroleum & Coal Products Manufacturing Nonmetallic Mineral Product Manufacturing Primary Metal Manufacturing Plastics & Rubber Products Manufacturing Leather & Allied Product Manufacturing Textile Mills Printing & Related Support Activities Textile Product Mills Apparel Manufacturing 7%



So what should you know about Manufacturing?

♦ Manufacturing is critically important to NC \diamond 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