

# TRANSPORTATION ELECTRIFICATION IN THE SOUTHEAST

## North Carolina: 2021 Year-End Update

This is an update to the North Carolina section of the **"Transportation Electrification in the Southeast"** report produced by Atlas Public Policy and the Southern Alliance for Clean Energy. The report tracks electric vehicle (EV) momentum in the Southeast region, defined as Alabama, Florida, Georgia, North Carolina, South Carolina, and Tennessee.

### North Carolina Indicators through December 2021



#### MANUFACTURING EMPLOYMENT

##### #3 in the Southeast (total)

- Jobs: 2,300
- Up 1,900 from July 2021
- 3% of national total



#### MANUFACTURING INVESTMENT

##### #3 in the Southeast (total)

- Investment: \$1.3 billion
- Up by more than \$1.2 billion from July 2021
- 2% of national total



#### SALES

##### #3 in the Southeast (per capita)

- Cumulative sales: 36,329
- 54% growth in 2021
- 3.5 EVs sold per 1,000 people
- 3% of market share in state in 2021



#### CHARGING DEPLOYMENT

##### #3 in the Southeast (per capita)

- Total: 2,723 ports
- 42% growth in 2021
- 0.27 ports per 1,000 people



#### UTILITY INVESTMENT

##### #2 in the Southeast (total)

- Approved: \$48.2 million
- No change in 2021
- 1% of national total



#### GOVERNMENT FUNDING

##### #3 in the Southeast (total)

- VW Settlement Awarded for EVs: \$11.5 million
- Federal Low-No Awarded: \$12.7 million
- VW Settlement Funding Remaining: \$47.6 million

All measures include medium- and heavy-duty EVs, except for sales which refers exclusively to passenger EVs. EV manufacturing employment and investment represent commitments made to specific facilities in the state. Utility investment refers to investor-owned utilities only. To understand EV Sales and charging deployment in a national context, please read our report. Source: Atlas EV Hub

### North Carolina Q3 + Q4 Highlights

- Toyota chose the Greensboro-Randolph Megasite, for a lithium-ion battery facility. Toyota will invest \$1.3 billion and the plant will come online in 2025 and create 1,750 jobs. Eventually, the plant will be able to produce batteries for 1.2 million EVs per year.
- Governor Roy Cooper committed to reducing transportation sector emissions by increasing the total number of registered zero-emission vehicles to at least 1.25 million by 2030 and 50% of in-state sales of new vehicles be zero-emission by 2030.

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—EV Share of Light-Duty Vehicle Sales



● Alabama ● Florida ● Georgia ● North Carolina ● South Carolina ● Tennessee

