



EV MOMENTUM IN SOUTH CAROLINA

cleanenergy.org
Clean Energy

ATLAS
PUBLIC POLICY

Electric Transportation Indicators in South Carolina Through December 2024



MANUFACTURING EMPLOYMENT

#4 in region

- Anticipated jobs: 12,278
- 22% annual growth



MANUFACTURING INVESTMENT

#4 in region

- Investment: \$14.4 billion
- 24% annual growth



SALES

#5 in region in market share
#37 in nation in market share

- Cumulative sales: 32,239
- 35% annual growth
- Annual EV market share: 4.2%



CHARGING

#5 in region per capita
#40 in nation per capita

- Fast Chargers: 561 ports
- Level 2 Ports: 1,042 ports
- 23% annual growth in total ports



UTILITY INVESTMENT

- Approved: \$8.8 million
- No annual growth



PUBLIC FUNDING

#1 in region per capita

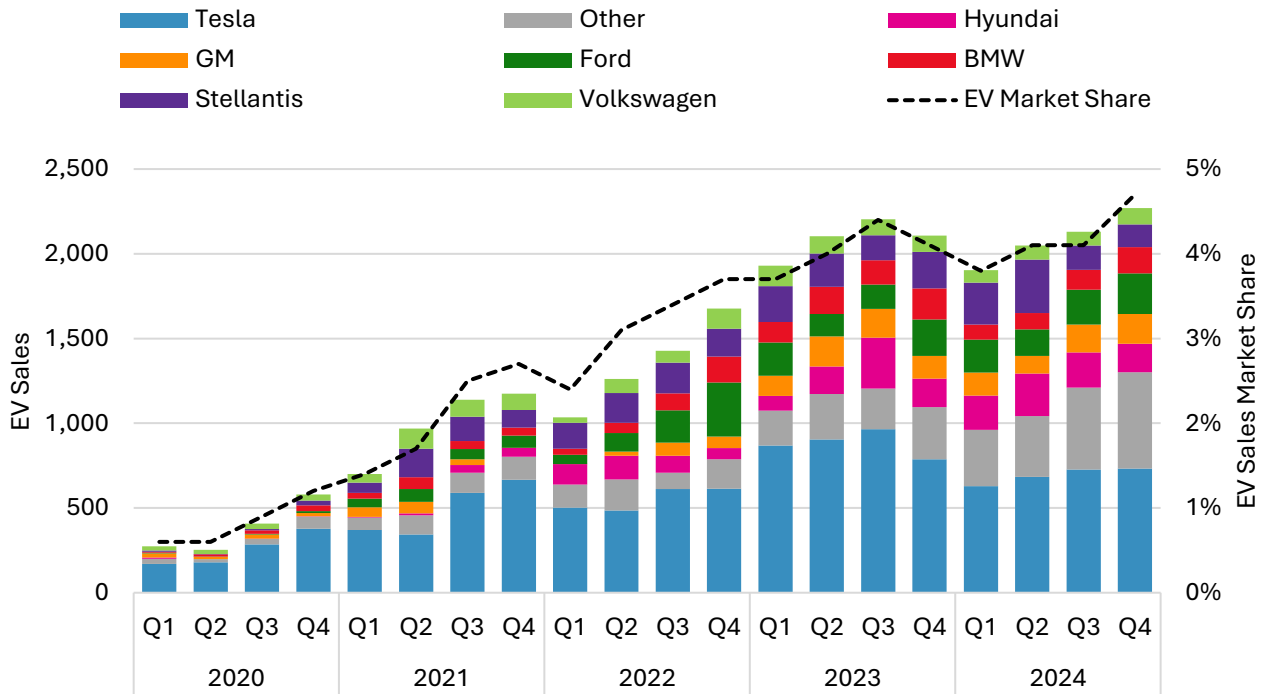
- Total: \$228 million
- Public funding per capita: \$44.32

Manufacturing Employment and Investment refers to announced investments in electric vehicle (EV) assembly, EV parts, EV charging infrastructure, batteries, mineral processing, and battery recycling facilities. Sales measures include light-duty EVs. Charging refers to publicly accessible chargers, and rankings and growth include Level 2 and fast chargers. Utility Investment refers to investor-owned utilities only. Public funding includes awarded, allocated, or otherwise made available funds. Totals are cumulative unless stated otherwise. Rankings are for all time, except for market share which is taken for the past 12 months. Growth is taken from January 1, 2024 to December 31, 2024. Source: [Atlas EV Hub](#) and [EV Jobs Hub](#)

South Carolina Electrification Progress in 2024

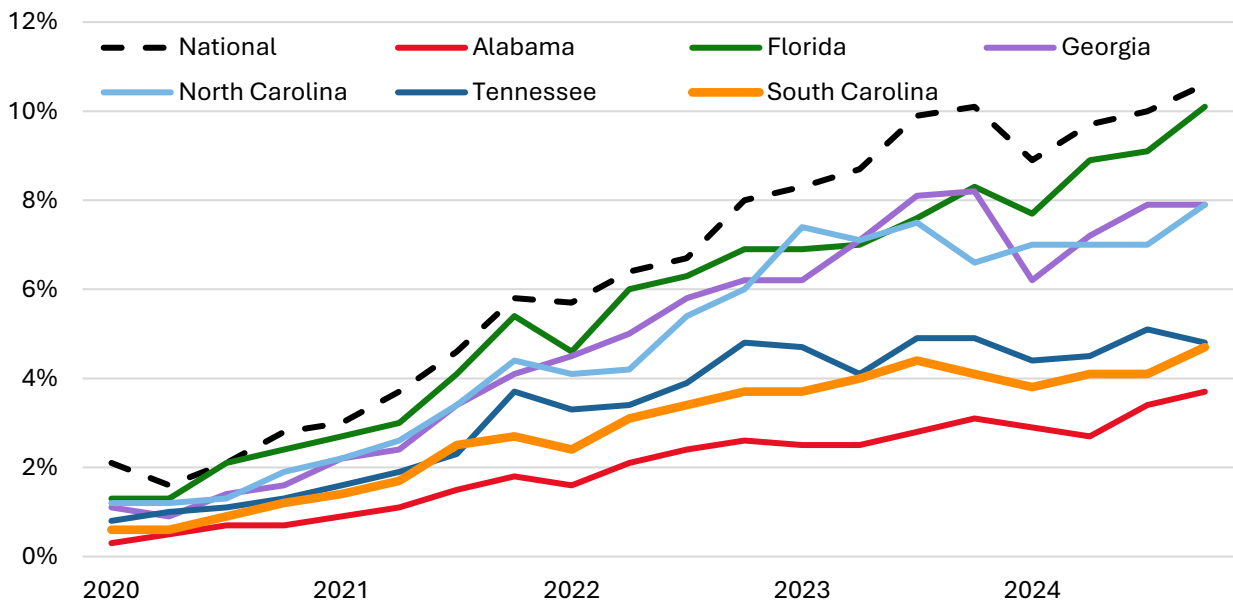
- South Carolina has been awarded at least \$105 million from the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA) to purchase EVs and deploy charging infrastructure. Through the end of 2024, school districts across the state were awarded \$73 million in Clean School Bus funds to purchase 187 electric school buses.
- Since the enactment of IRA, companies have announced nearly \$13.5 billion in EV and EV battery manufacturing investments in South Carolina, committing almost 12,000 jobs. In March 2024, AESC announced a \$1.5 billion expansion and 1,080 additional jobs at its battery plant in Florence.

New Light-Duty EV Sales and Market Share in South Carolina



Light-duty EVs are classified as vehicle classes 1-2A, as defined by the U.S. Environmental Protection Agency’s fuel economy.gov website. Source: [Atlas EV Hub](https://atlas-ev.com) for the Southern Alliance for Clean Energy

New EV Sales Market Share for Light-Duty Vehicles in the Southeast



Light-duty EVs are classified as vehicle classes 1-2A, as defined by the U.S. Environmental Protection Agency’s fuel economy.gov website. Source: [Atlas EV Hub](https://atlas-ev.com) for the Southern Alliance for Clean Energy