

TRANSPORTATION ELECTRIFICATION IN THE SOUTHEAST

Tennessee

Tennessee Electric Transportation Indicators as of December 31, 2023



MANUFACTURING EMPLOYMENT

#3 in region

- Anticipated jobs: 14,739
- 20% annual growth



MANUFACTURING INVESTMENT

#3 in region

- Investment: \$16 billion
- No annual growth



SALES

#4 in region in market share
#33 in nation in market share

- Cumulative sales: 39,460
- 53% annual growth
- Q4 2023 EV market share: 5.3%



CHARGING

#4 in region per capita
#35 in nation per capita

- Fast Chargers: 477 ports
- Level 2 Ports: 1,455 ports
- 33% annual growth in total ports



UTILITY INVESTMENT

- No Public Service Commission approved investments



PUBLIC FUNDING

#3 in region per capita

- Approved: \$151.1 million
- Public funding per capita: \$22.54

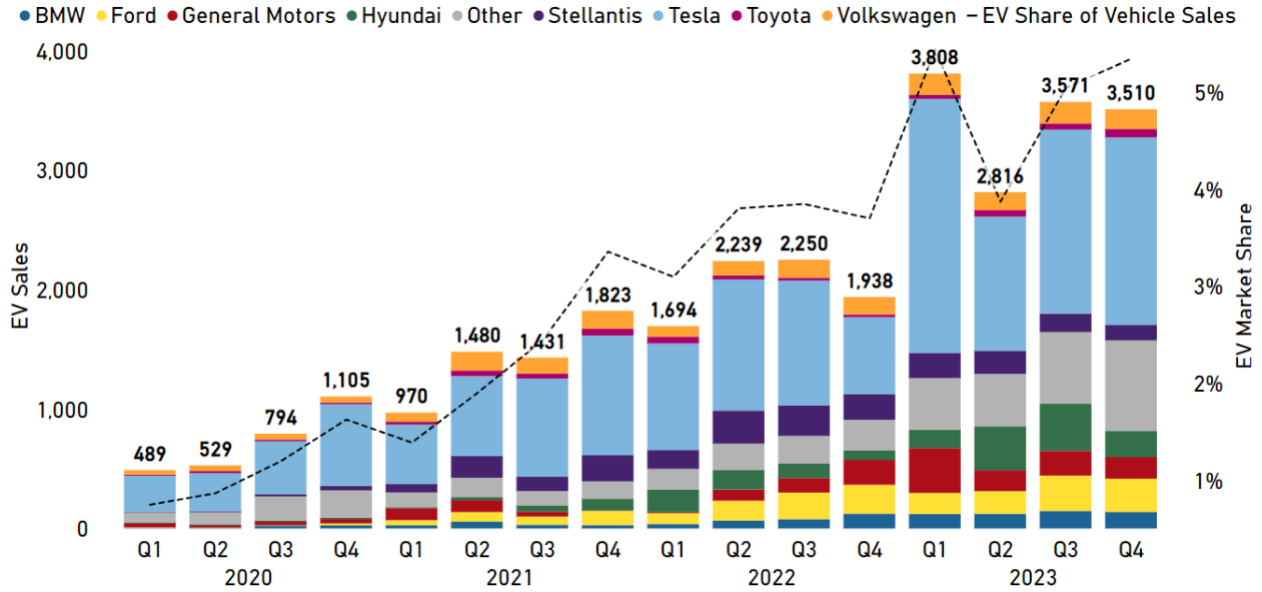
All measures include medium- and heavy-duty electric vehicles (EVs), except for sales, which refers exclusively to new passenger EVs. EVs include both battery EVs and plug-in hybrid EVs. Manufacturing Employment and Manufacturing Investment refers to announced investments in EV assembly, EV parts, EV charging infrastructure, batteries, and battery recycling facilities. Charging deployment is for publicly accessible chargers, and rankings and growth include Level 2 and fast chargers. Utility Investment refers to investor-owned utilities only. Totals are cumulative unless stated. Rankings are for all time, except for market share which is taken for the past 12 months. Data is through December 2023 and growth is taken from January 1, 2023 to December 31, 2023. Source: [Atlas EV Hub](#) and [EV Jobs Hub](#)

Tennessee Highlights in 2023

- LG Chem [broke ground](#) on their \$1.6 billion EV battery manufacturing plant in Clarksville. The plant is expected to be at full capacity by 2028.
- The Tennessee Legislature [passed a bill](#) that doubled the registration fee for EVs to \$200 per year and established a \$100 annual fee for hybrid vehicles and plug-in hybrid EVs.
- Thanks to US DOE funding, Tennessee employers can access [EMPOWER](#), an equity-focused workplace charging program that provides free, direct technical assistance and consulting to help workplaces install EV chargers.

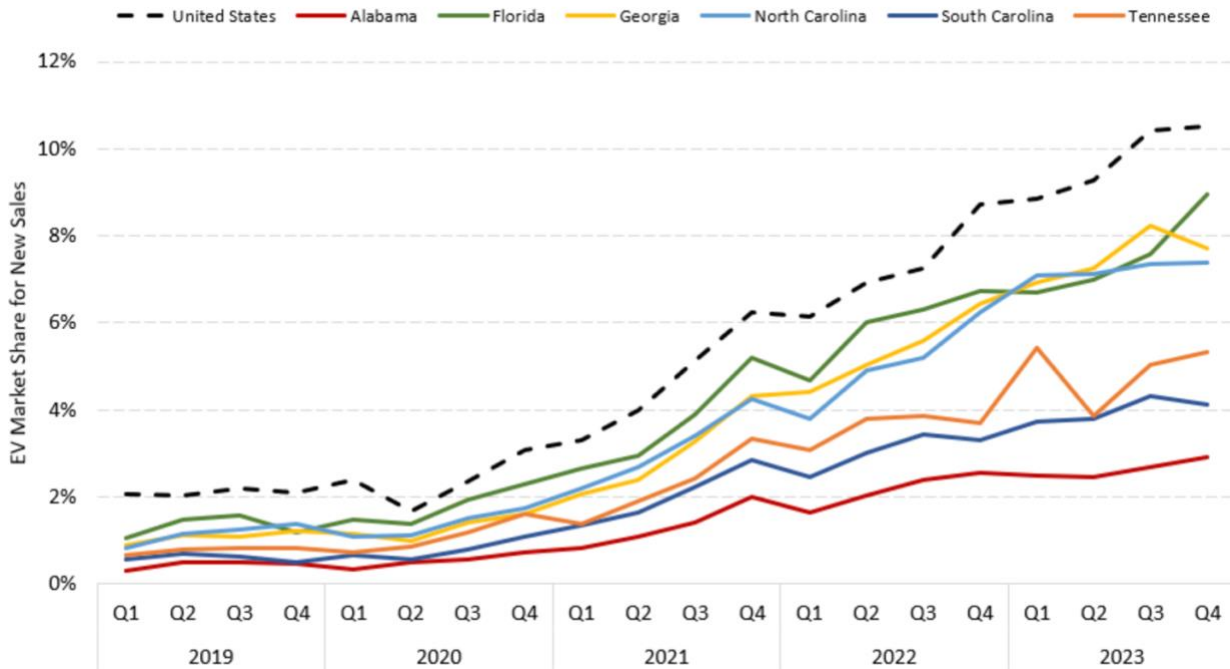


Light-Duty EV Sales and Market Share in Tennessee



Source: [Atlas EV Hub](#) for the Southern Alliance for Clean Energy

Southeast Light-Duty EV Market Share (Percentage of New Sales)



Source: [Atlas EV Hub](#) for the Southern Alliance for Clean Energy



This is an update to the *“Transportation Electrification in the Southeast” 2023 report*, developed by Atlas Public Policy and the Southern Alliance for Clean Energy (SACE).