

ELECTRIC TRANSPORTATION SOUTHEAST HIGHLIGHTS



WHO WE ARE: SOUTHERN ALLIANCE FOR CLEAN ENERGY



AGENDA

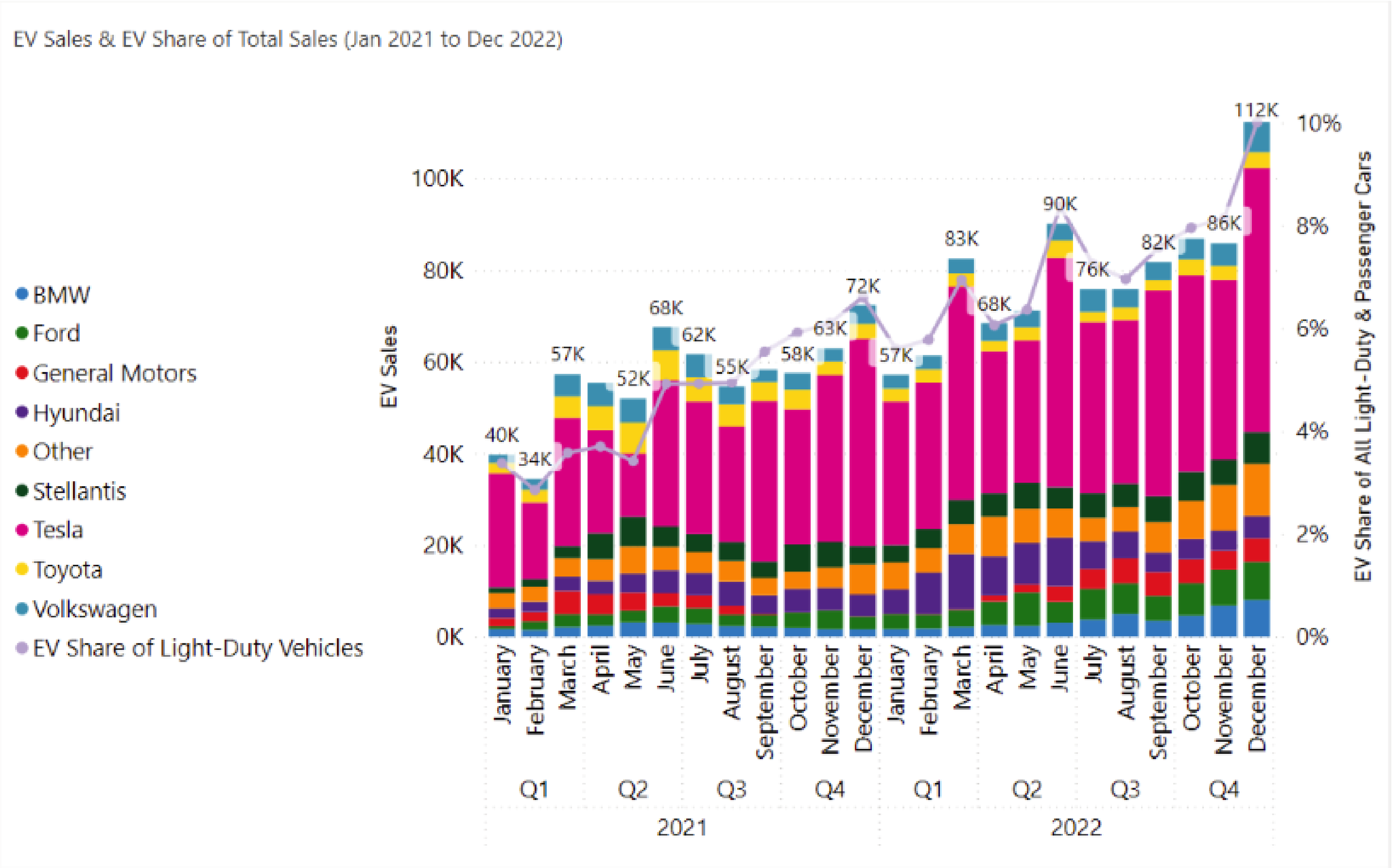
Overview of state of electrification

Regional indicators

State of the States

Q and A

US EV SALES



Source: EV Hub - Automakers

MODELS AND TRENDS

69 models sold today

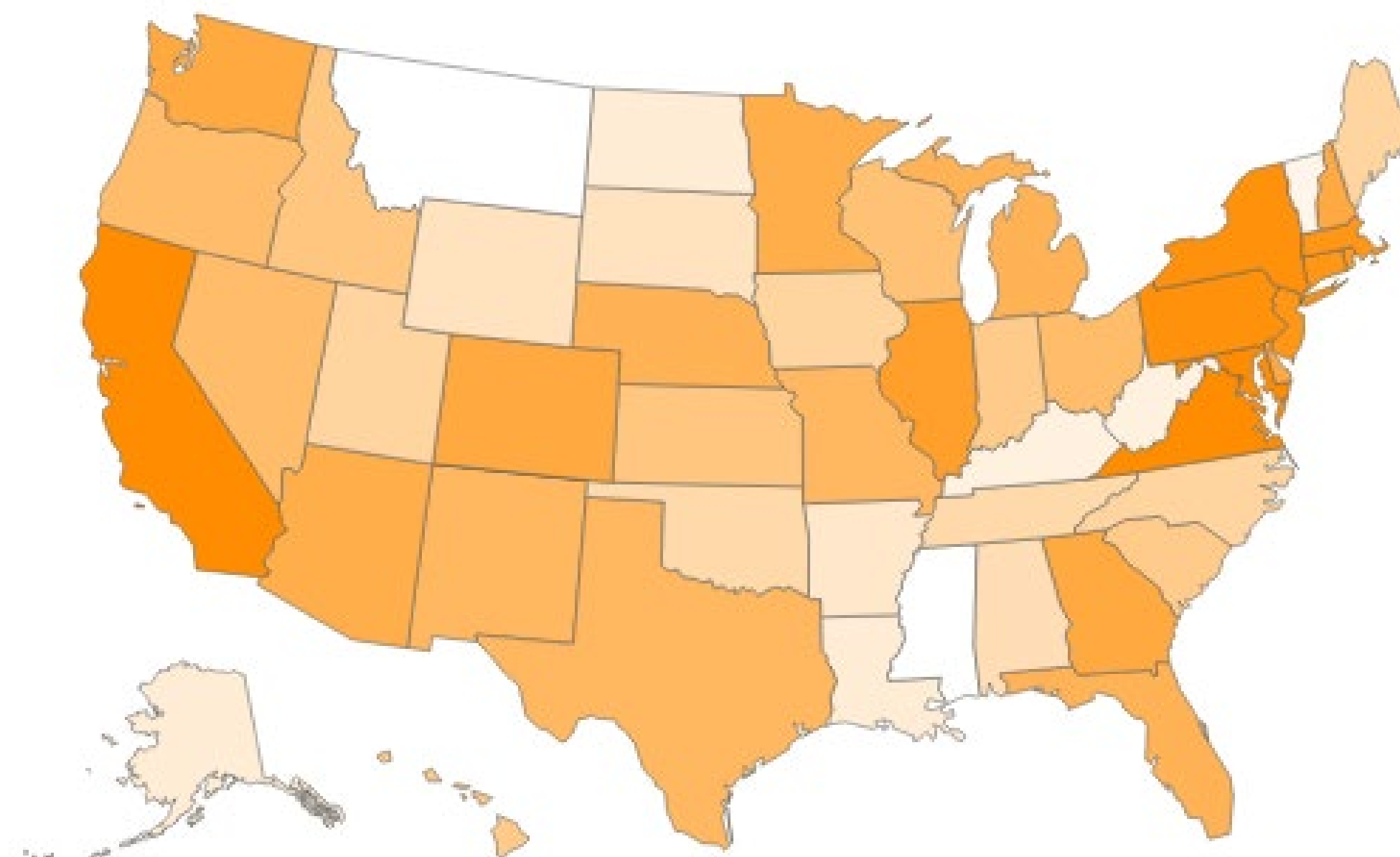
42 new models on the way

[234 average mile range](#)

\$904B in global investment
\$220B targeted for the US

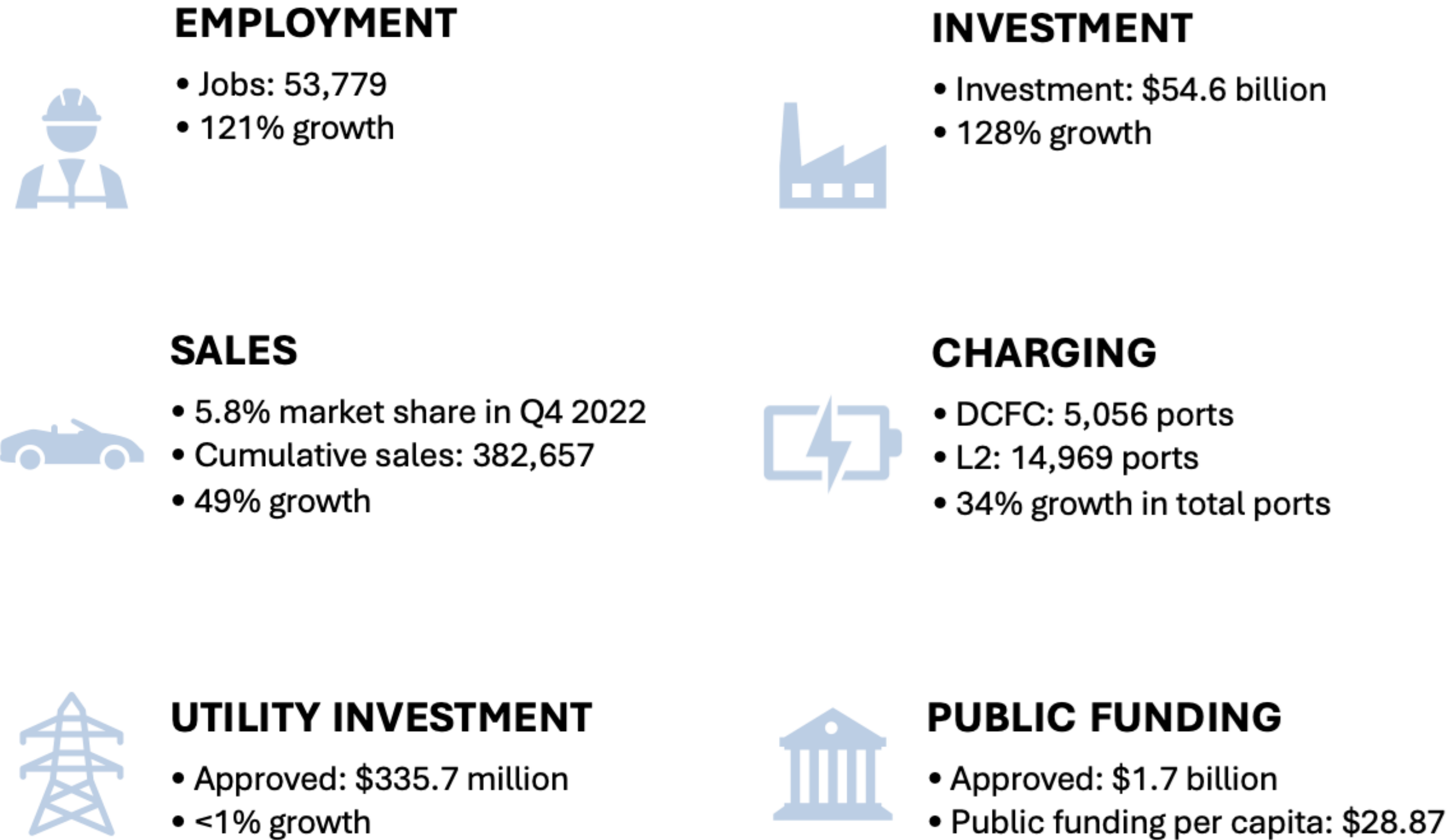
[Source: Atlas Public Policy](#)

State EV Models Offered for Sale



[Source: EV Hub - Automakers](#)

Figure 1: Southeast EV Indicators as of December 31, 2022



All measures include medium- and heavy-duty EVs, except for sales which refers exclusively to passenger EVs. EV includes both battery EVs (BEV) and Plug-in Hybrid EVs (PHEV). Employment and Investment refers to EV manufacturing facilities including EV charging, EV assembly, battery manufacturing and battery recycling facilities. Total is cumulative unless stated. Data is through December 2022 and growth is taken from January 1 to December 31, 2022. Source: Atlas EV Hub

REGIONAL END OF 2022 TAKEAWAYS

Southeast represents 18% of the national population

Southeast is 34.4% of the EV jobs nationally

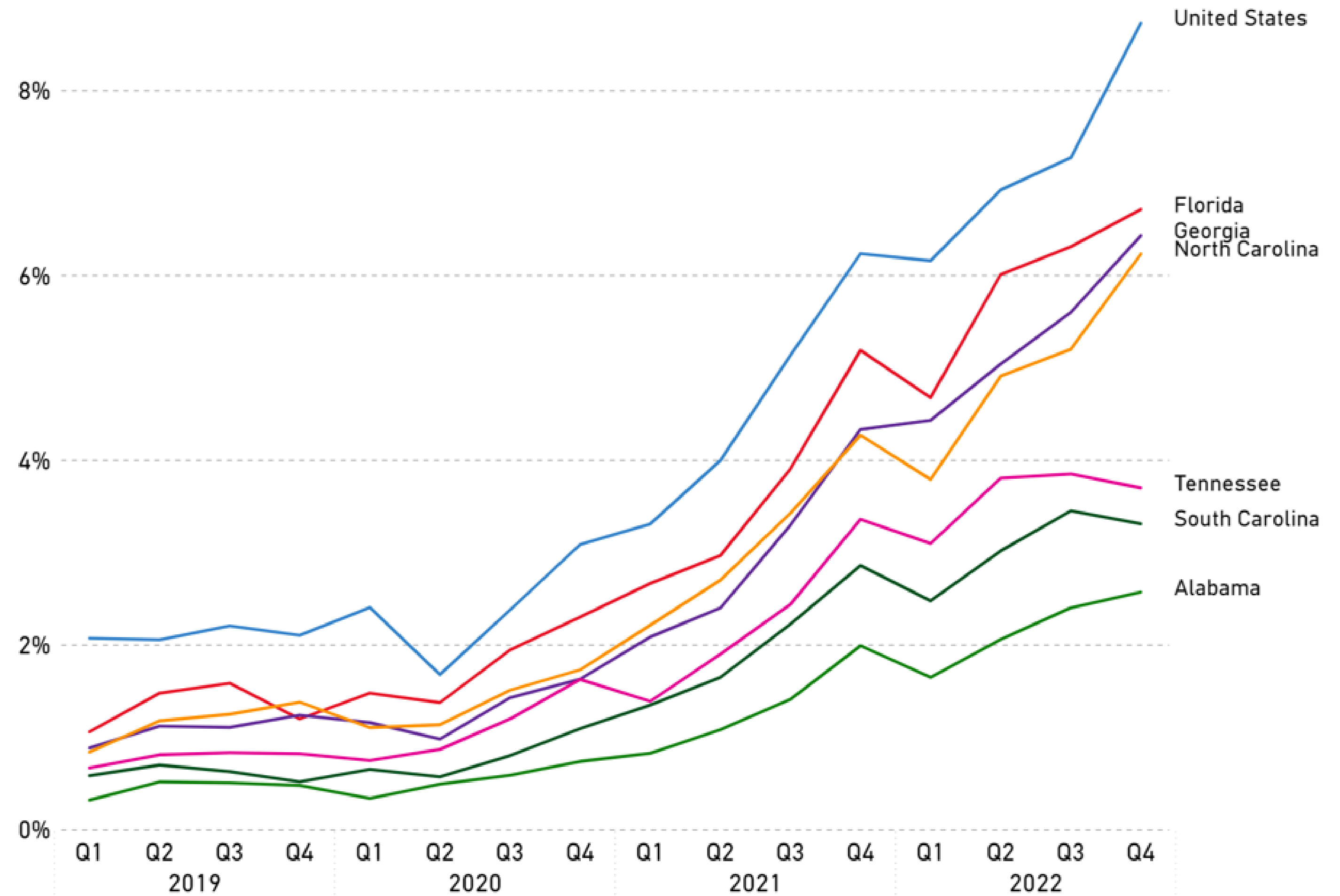
53,779 EV jobs in the Southeast

Southeast represents 42% of EV investment nationally

\$54.55 billion pledged for EV manufacturing

LIGHT DUTY VEHICLE MARKET SHARE

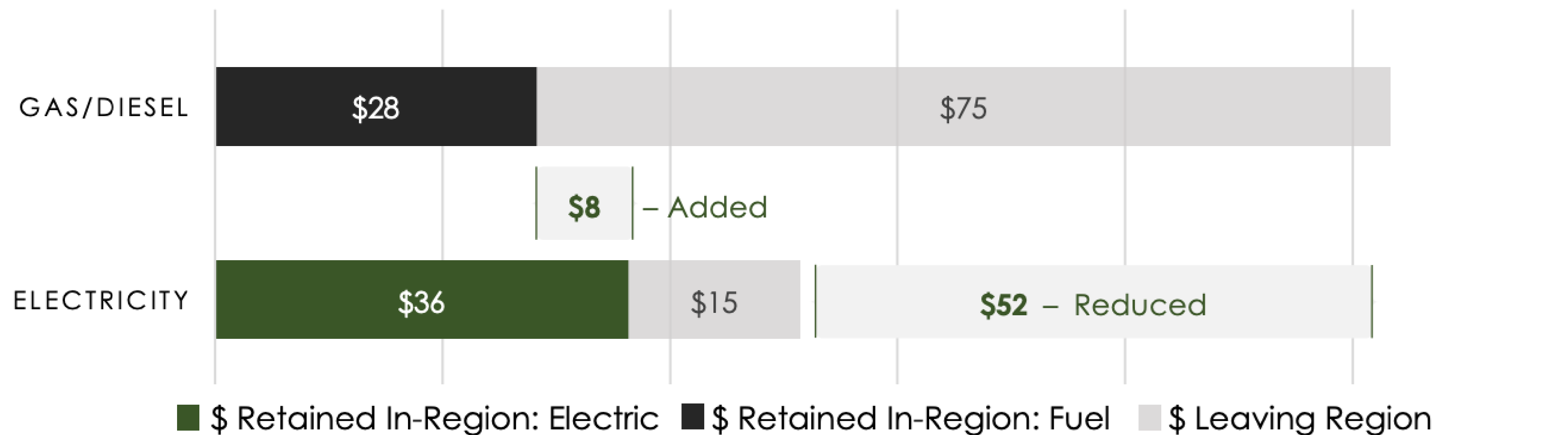
Figure 3: EV Light Duty Vehicle Market Share



This figure depicts EV sales as a percentage of light-duty vehicle sales from 2019 to December 2022. EV includes both BEV and PHEV sales. Source: Atlas EV Hub.

RETAINED TRANSPORTATION FUEL SPENDING IN THE SOUTHEAST

Expenditures Retained In Southeast Region vs. Leaving Region, by Fuel Type (Billions \$, 2021)



[RETAINED TRANSPORTATION FUEL SPENDING IN THE SOUTHEAST](#)

NEVI FORMULA PROGRAM FUNDS

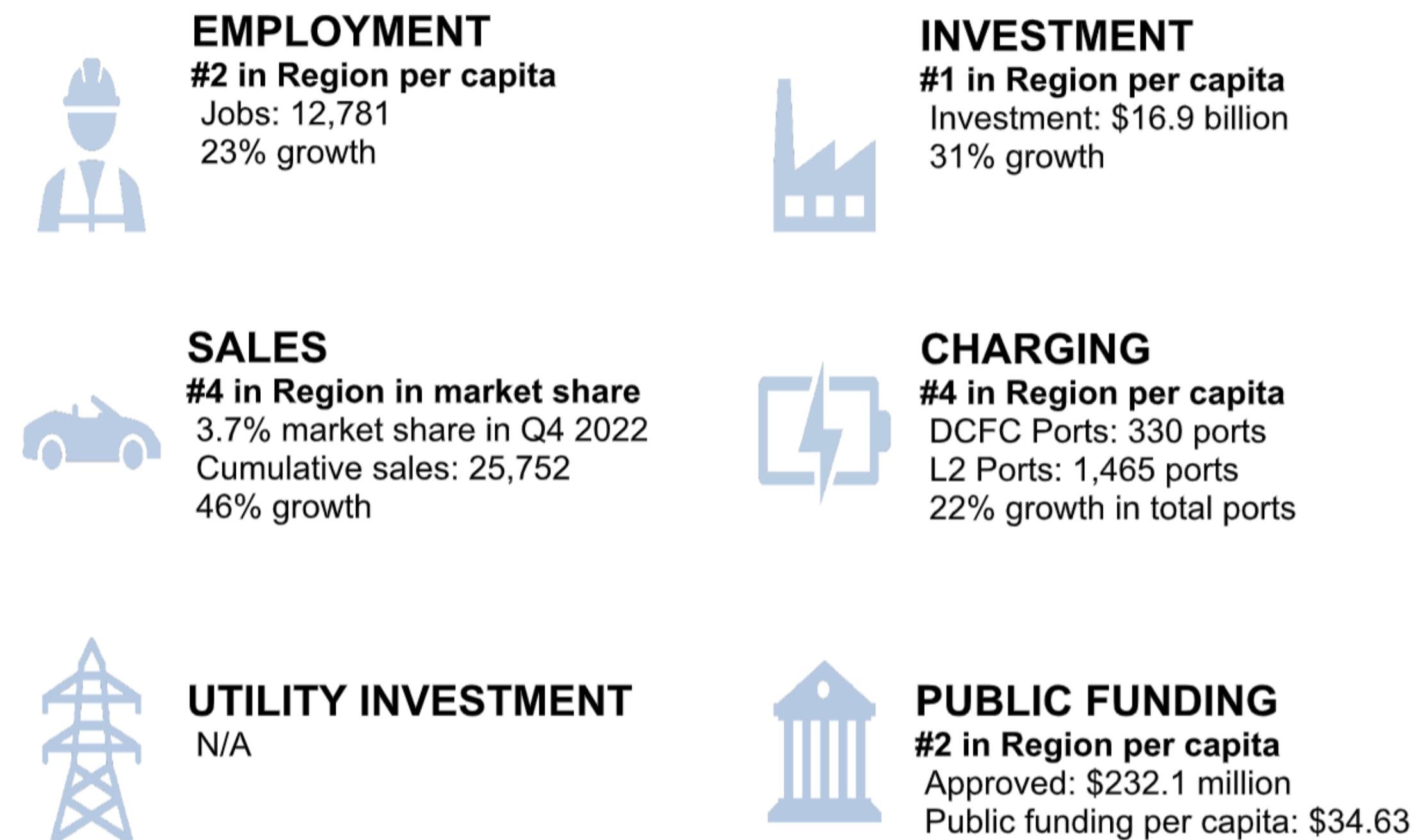
State	FY 2022 (Pending Approval of State Plan)	Total Program Funding (Estimated)
ALABAMA	\$11,738,801	\$79,308,285
FLORIDA	\$29,315,442	\$198,057,481
GEORGIA	\$19,978,342	\$134,975,283
NORTH CAROLINA	\$16,137,196	\$109,024,196
SOUTH CAROLINA	\$10,360,855	\$69,998,769
TENNESSEE	\$13,074,884	\$88,334,969
TOTAL	\$100,605,520	\$679,698,983

EPA Clean School Bus Rebate Funding 2022

State	Total Funding 2022 Rebate
Alabama	\$20,540,000
Florida	\$15,800,000
Georgia	\$50,825,000
North Carolina	\$12,245,000
South Carolina	\$64,780,000
Tennessee	\$16,800,000
TOTAL	\$180,990,000

TENNESSEE:

Figure 1: Tennessee EV Indicators as of December 31, 2022



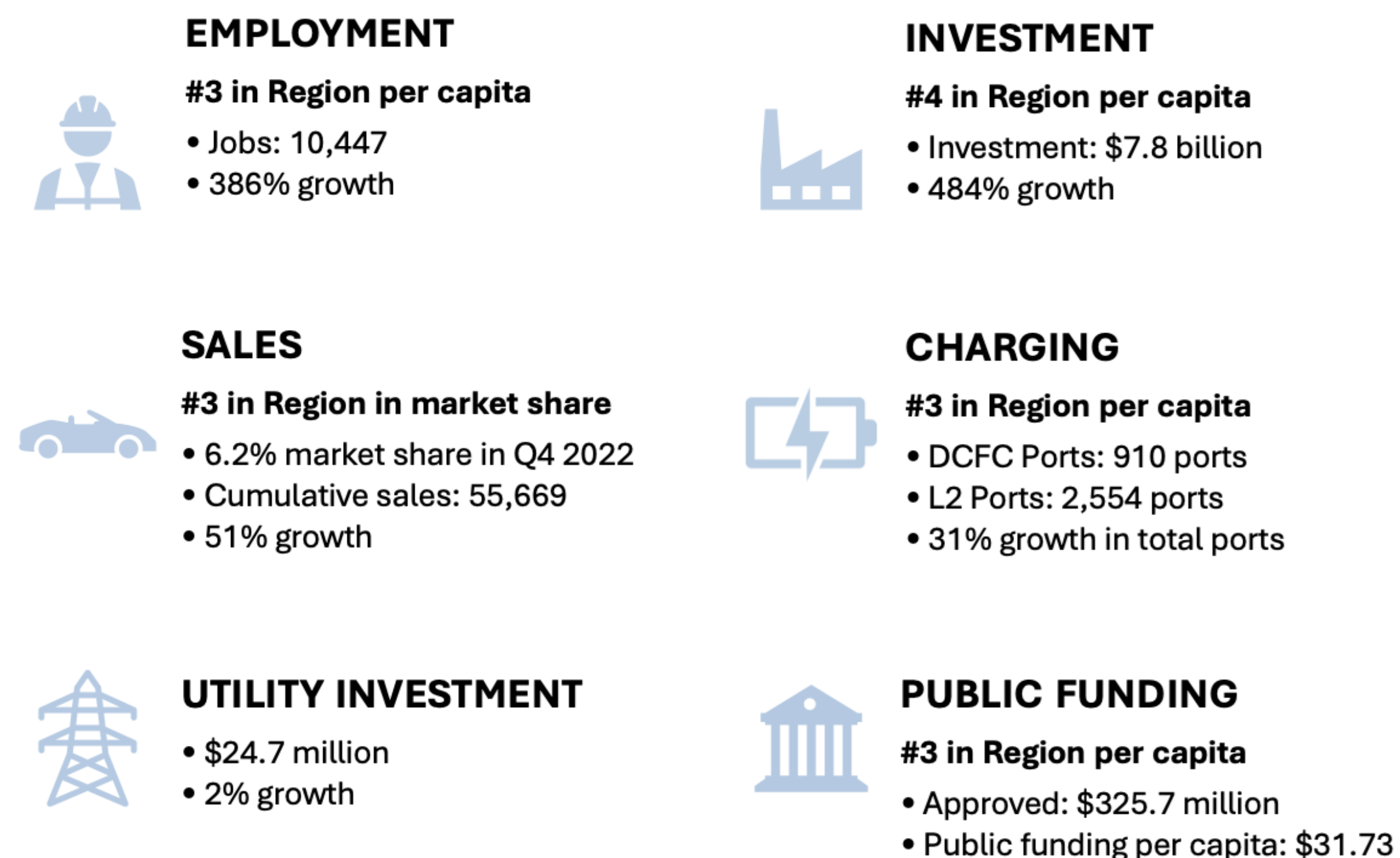
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Tennessee Highlights in Q3 and Q4 2022

Series of large EV manufacturing announcements in the state including LG, GM and Microvast totaling nearly 2,000 anticipated jobs.

NORTH CAROLINA :

Figure 1: North Carolina EV Indicators as of December 31, 2022



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North Carolina Highlights in Q3 and Q4 2022

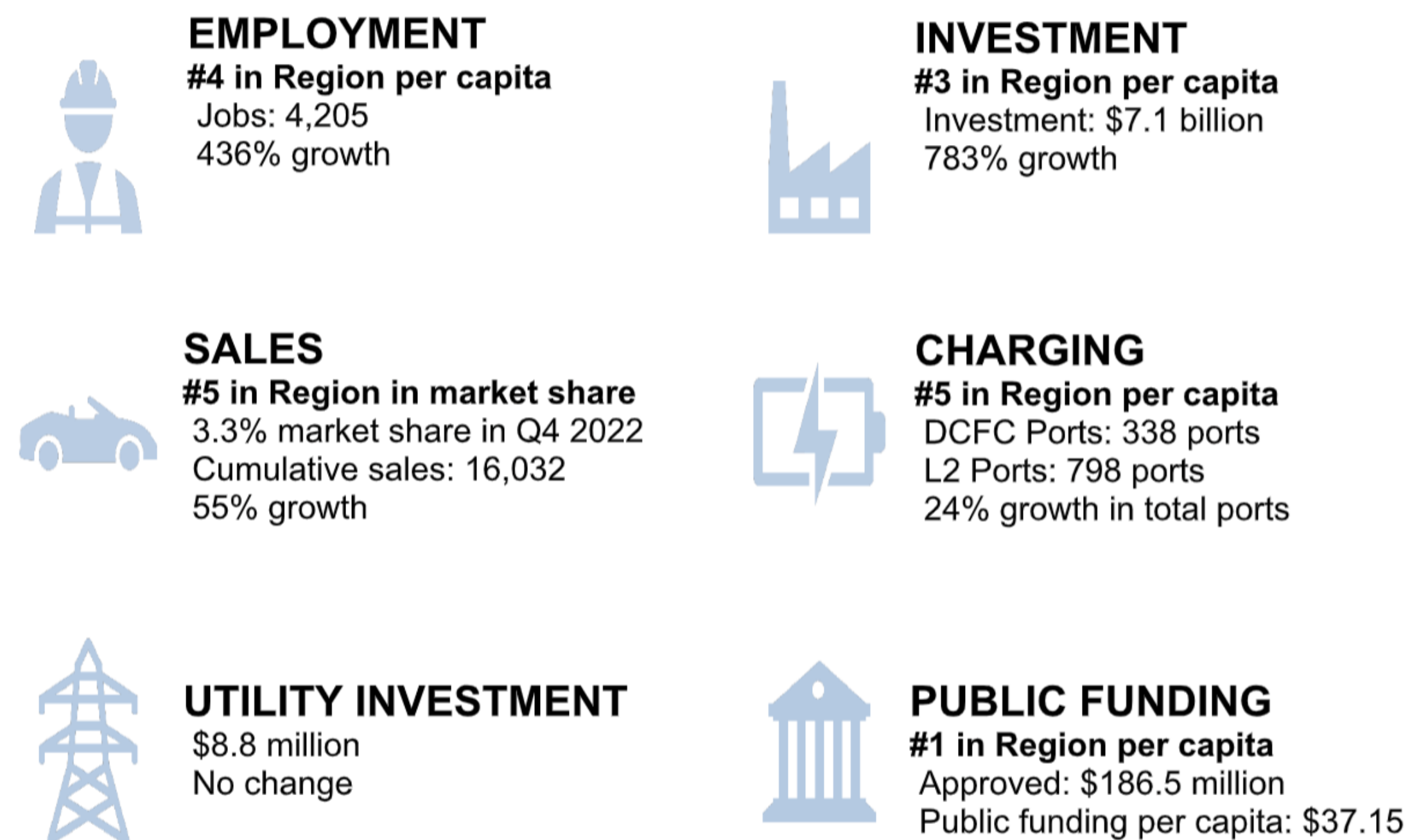
Governor Roy Cooper signed Executive Order 271

Charlotte EV-Ready code in August 2022

NC Department of Transportation initiated its National EV Infrastructure (NEVI) stakeholder engagement

SOUTH CAROLINA :

Figure 1: South Carolina EV Indicators as of December 31, 2022



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South Carolina Highlights in Q3 and Q4 2022

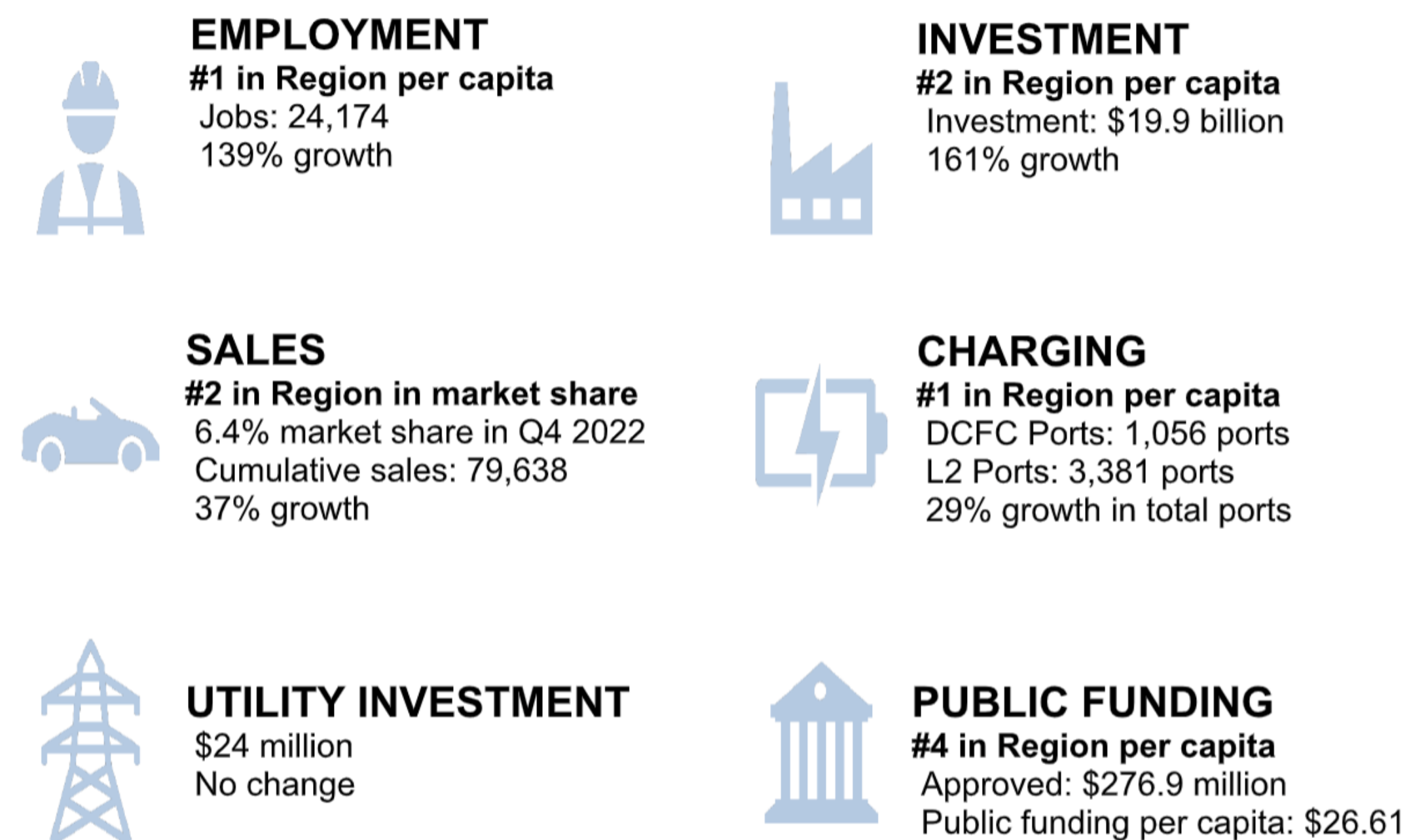
Governor Henry McMaster signed Executive Order 2022-31

Third largest outlay of funding nationally for the EPA Clean School Bus Program

Series of large EV manufacturing announcements in the state including from Redwood Materials, BMW, AESC totaling 3,420 anticipated jobs.

GEORGIA:

Figure 1: Georgia EV Indicators as of December 31, 2022



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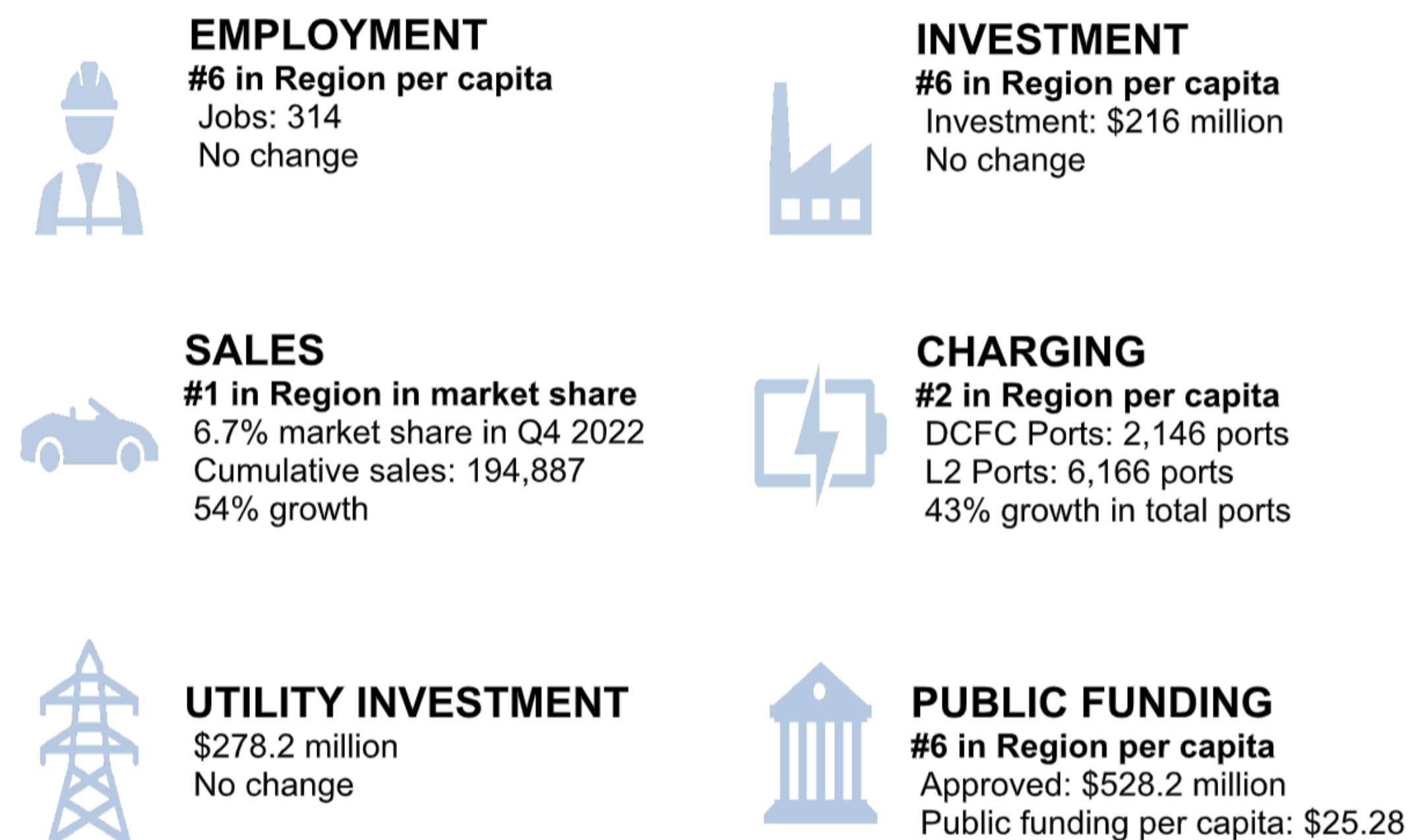
Georgia Highlights in Q3 and Q4 2022

The Georgia Legislature's Joint Study Committee on the Electrification of Transportation

Series of large EV manufacturing announcements including Hyundai/SK Innovation and FREYR Battery totaling more than 5,800 anticipated jobs.

FLORIDA :

Figure 1: Florida EV Indicators as of December 31, 2022



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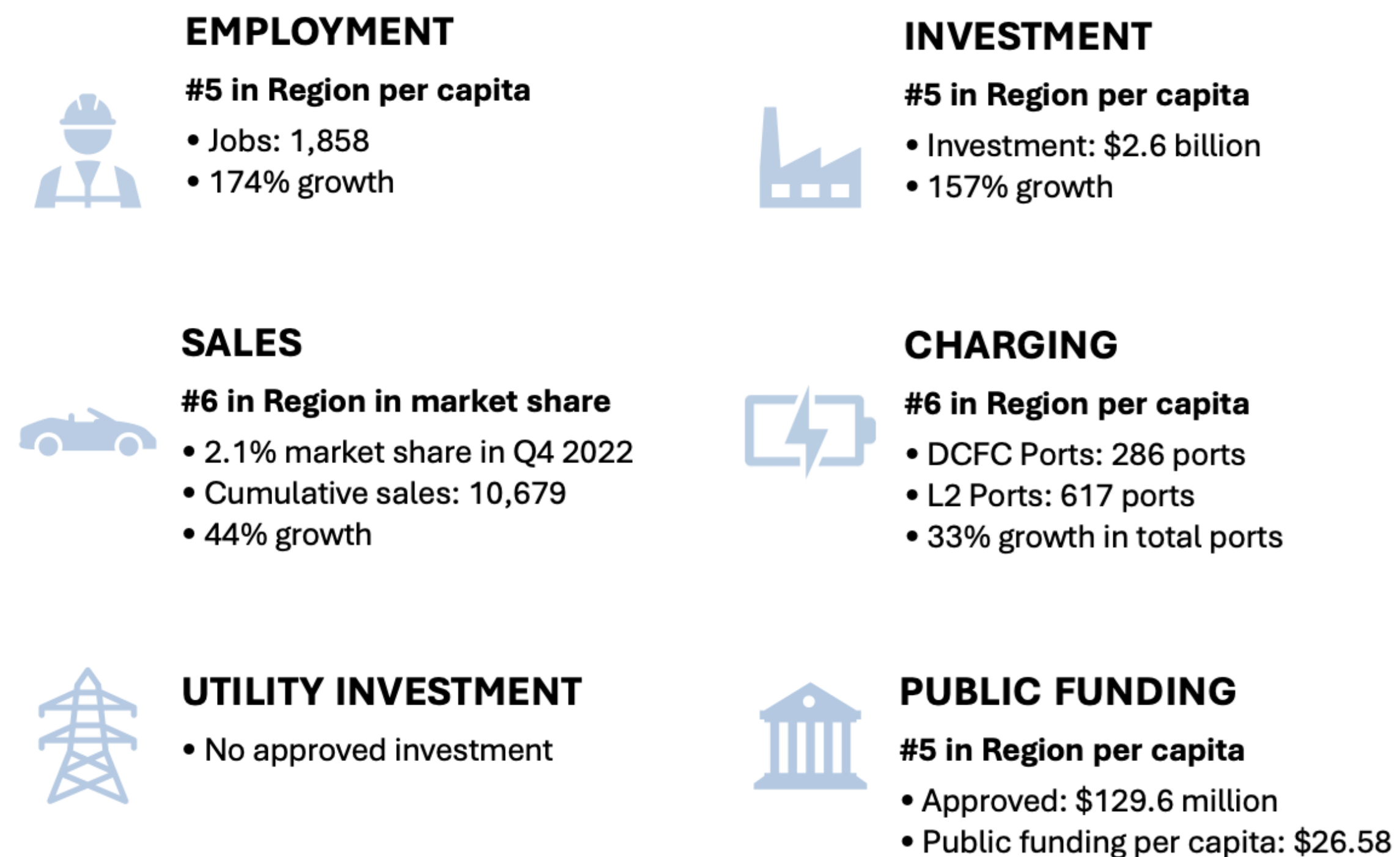
Florida Highlights in Q3 and Q4 2022

Florida leads the region in EV market share with 6.7 percent market share in Q4 2022.

Florida awarded \$172.7 million for electric buses in the second half of 2022 through the VW Settlement, Bus and Bus Facilities Program, Clean School Bus Program, and the Low-No Program.

ALABAMA :

Figure 1: Alabama EV Indicators as of December 31, 2022



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Alabama Highlights in Q3 and Q4 2022

\$20.54 million outlay of funding for the EPA Clean School Bus Program

LOCAL GOVERNMENTS ARE KEY TO EV ADOPTION ELECTRIC TOOLKIT PROVIDES ROADMAP



Home Resources Blog Newsletter Testimonials

Electric Transportation Toolkit

FOR LOCAL GOVERNMENTS TO ACCELERATE ELECTRIC VEHICLE ADOPTION

Electric vehicles save money by reducing operating costs, while improving public health, and addressing climate change by drastically reducing emissions. Today, there are light-, medium-, and heavy-duty electric vehicle (EV) options for fleets and consumers.

The Electrify the South Toolkit makes it easier for decision-makers to identify cost-effective, sustainable, and equitable solutions and successful strategies to accelerate electric transportation. The Toolkit curates best-practice local government EV policies and actions from around the country with links to real-world examples. **If you need a better understanding of the technology and terminology, we recommend you start here first.**

The Toolkit is a living document that is updated biannually to keep pace with the rapidly expanding EV market. Latest update: April 6, 2022. If you would like to print this document, please [click here](#).

<https://www.electrifythesouth.org/toolkit>

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QUESTIONS + STAY CONNECTED

ElectrifyTheSouth.org

Monthly newsletters, electric vehicle actions, EV blogs for new and established drivers, and more!

[@ElectrifyTheSouth](https://www.instagram.com/ElectrifyTheSouth)

