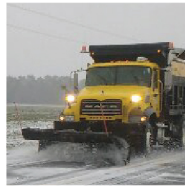


## **NORTH CAROLINA**

Department of Transportation



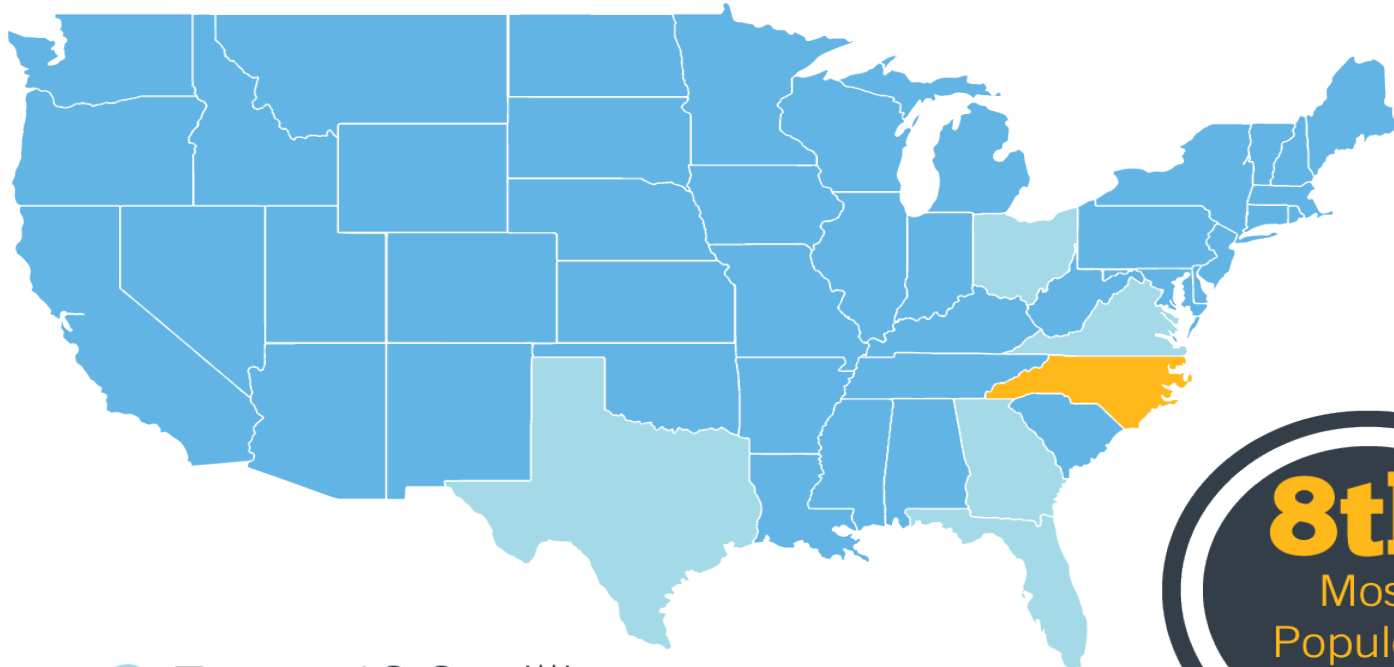
# North Carolina Experience

Amna Cameron

October 28, 2019

# NC Demographics

## Expected Population Growth by 2040



2040  
Population  
Ranking

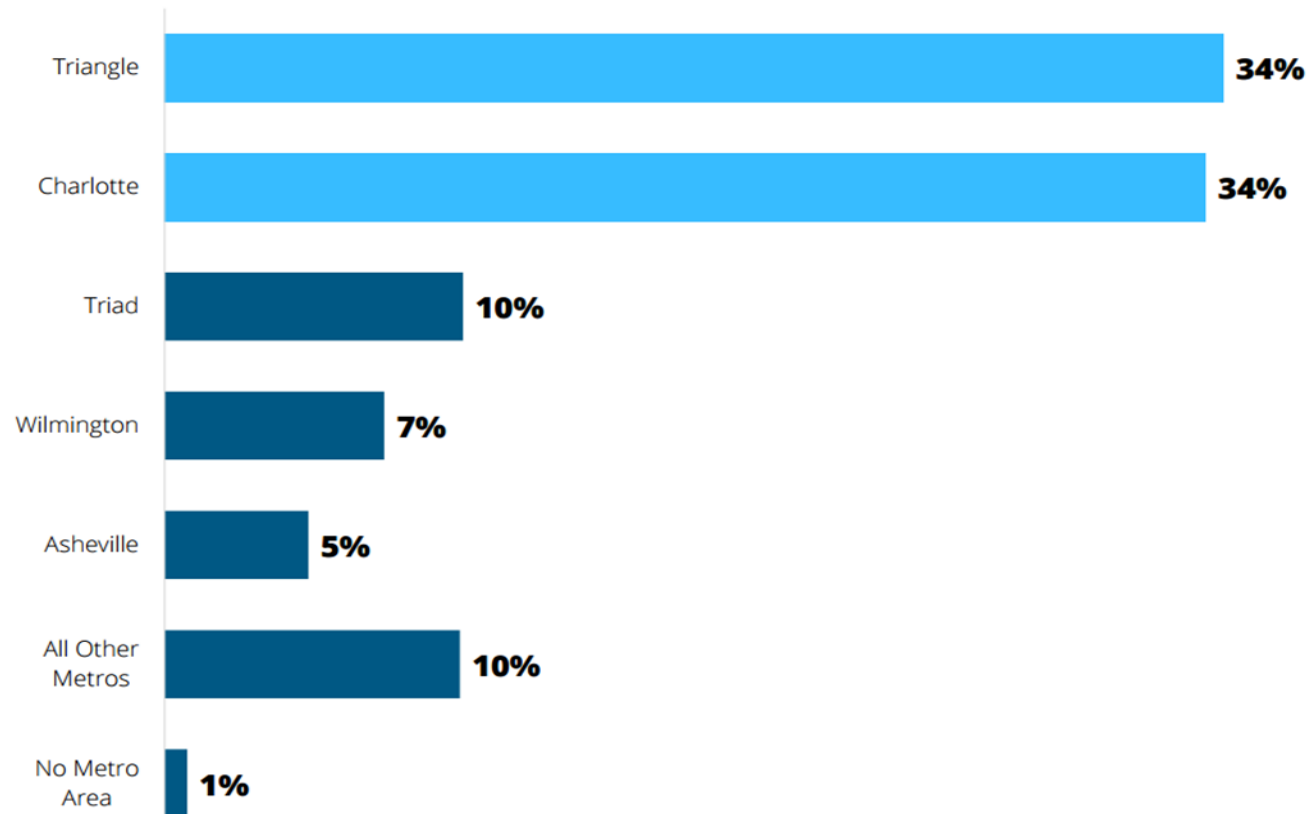
- 2 Texas: 40.6 million
- 3 Florida: 28.2 million
- 6 Georgia: 12.8 million
- 8 **North Carolina: 12.5 million**
- 9 Ohio: 11.7 million
- 10 Virginia: 10.2 million

**32%**  
increase  
from  
NC's 2010  
population

# NC Demographics

## **Two-thirds of NC growth projected to occur in Triangle or Charlotte**

*Projected share of 2010-2035 state population growth for select North Carolina metropolitan areas*

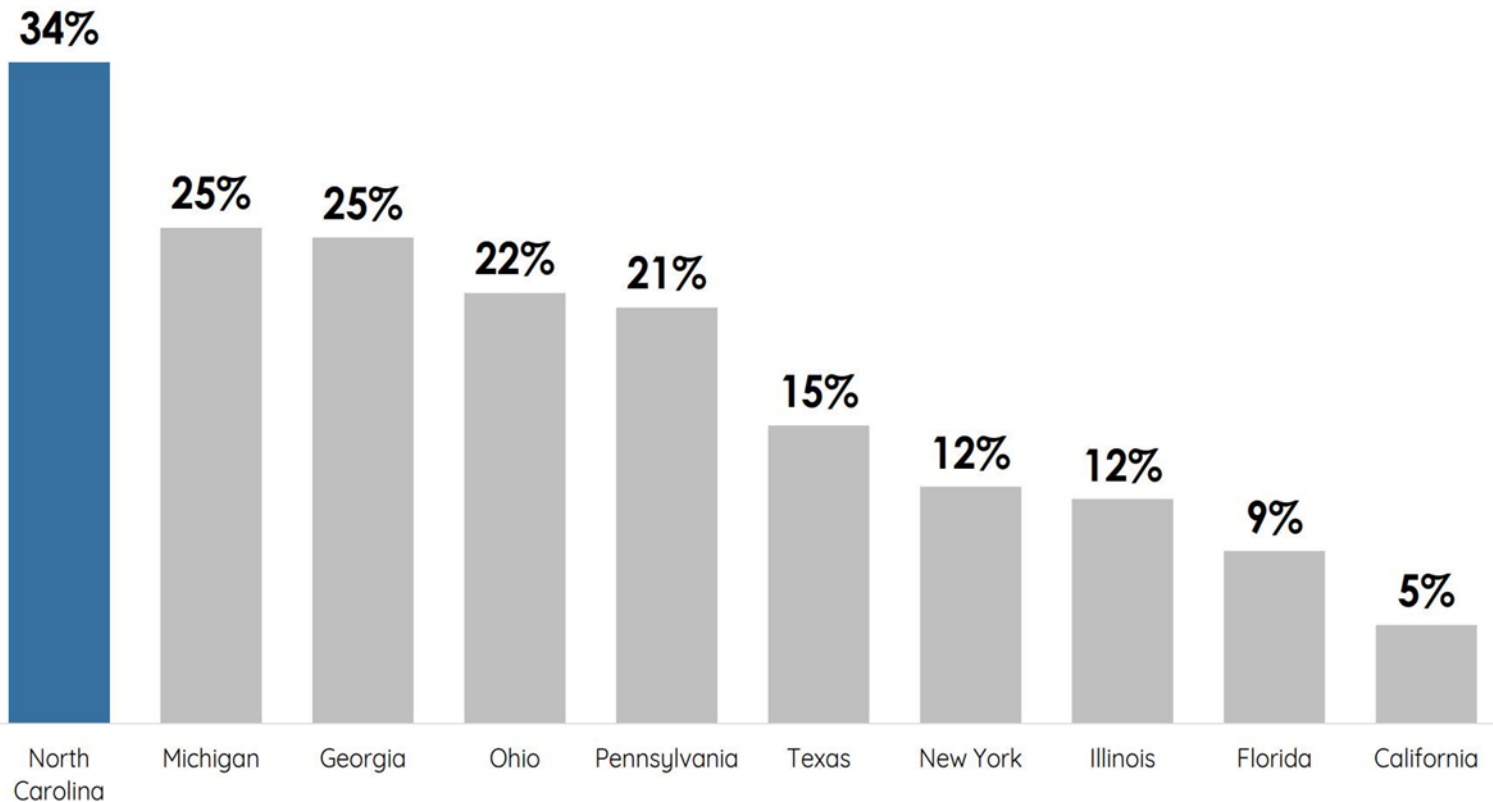


Data Source: NC OSBM

# NC Demographics

## Among 10 most populous states, NC most rural

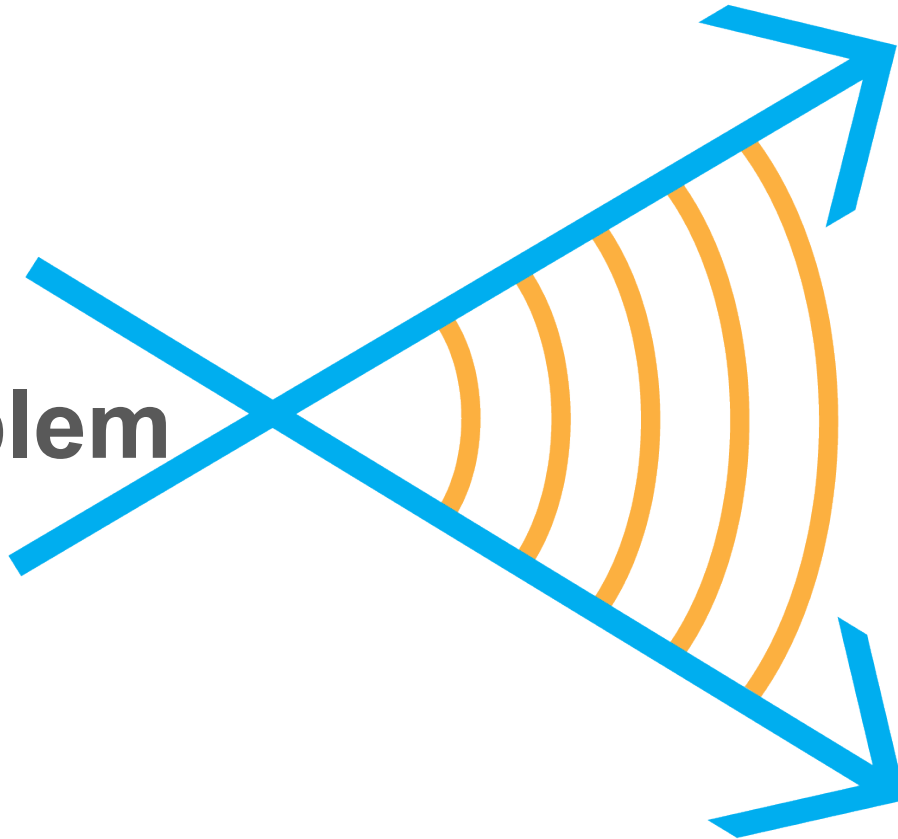
Population share living in rural areas, 2010



Data Source: US Census Bureau

Safe, affordable, eco-friendly  
mobility that is seamless

**Problem**



## **Transportation Disruptors**

Automation  
Connectivity  
Shared mobility  
CAFÉ standards  
Demographics  
Electric/Hybrids

Motor fuel, highway use and  
DMV revenues all decline



Formed in April 2019 to develop  
recommendations for sustainable  
transportation revenue sources

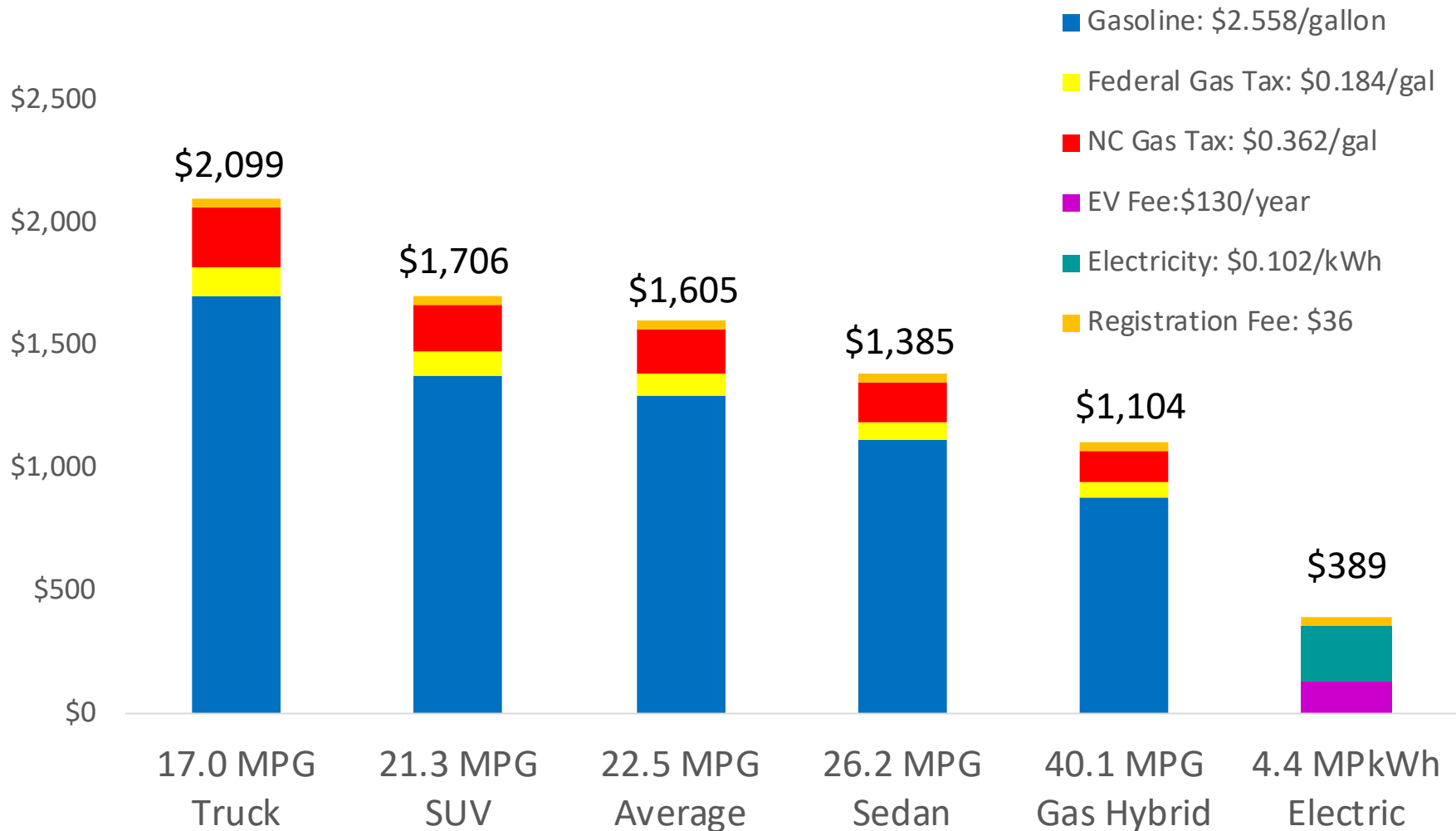
Follow @Invest\_NC

Final Report: Early 2021

# Strategy



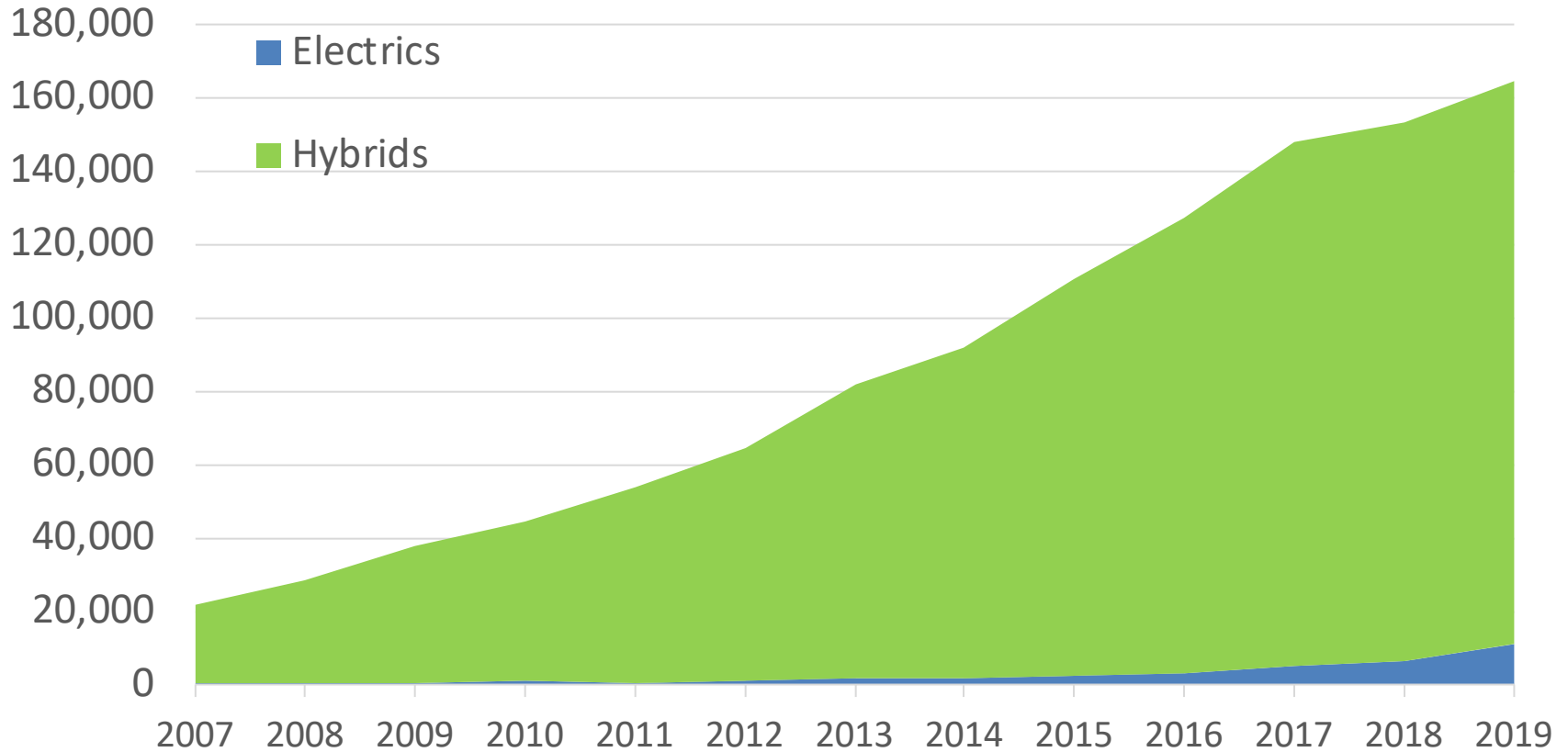
# Total Annual Cost for Typical North Carolina Drivers



## Why EVs?

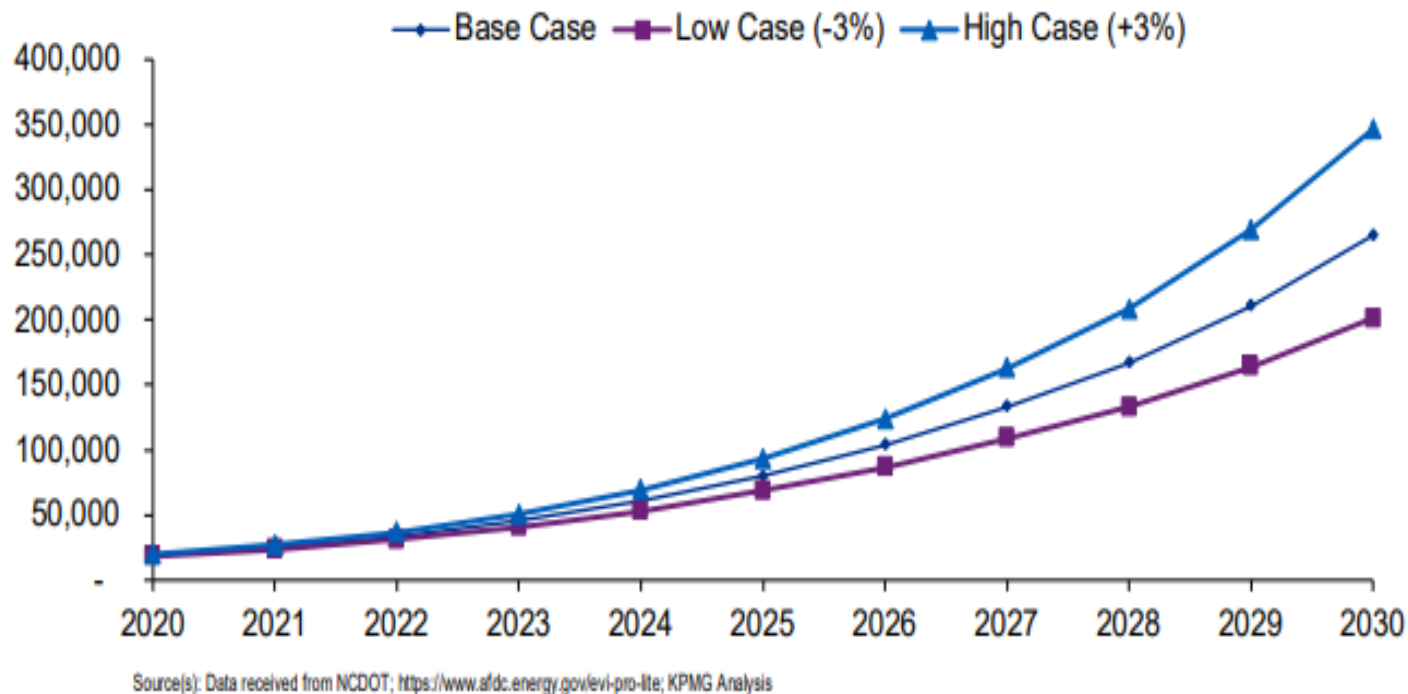
- Executive Order 80
  - 80,000 by 2025
- 9,614 EVs and 1,440 charging stations
- VW \$: \$4.6M for charging infrastructure
- Duke: \$76M EV investment
  - Greensboro/Asheville EV fleets
  - \$1,000 residential rebate
  - \$2,500 commercial rebate

# Registered NC Vehicles



# Why EVs?

- NC EV Plan (October 1, 2019)



- Bloomberg: 250,000 EVs by 2030