

# Driving Electric North Carolina Facts...

North Carolinians are recognizing the benefits of driving electric, and the state continues to see more

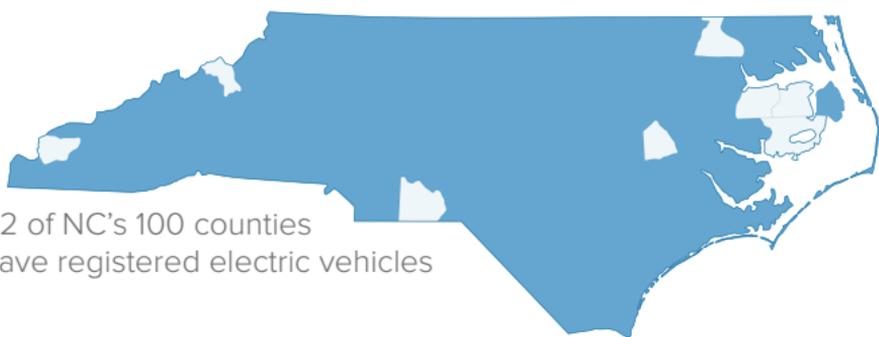
plug-in electric vehicles purchased and charging stations installed. NC is charging ahead and encouraging businesses and individuals to

recognize the benefits of driving electric.



**433%**

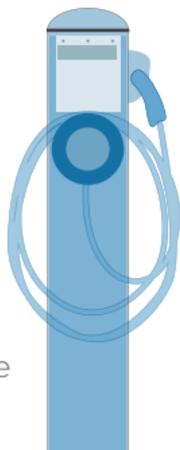
In the summer of 2014, around 3,100 electric vehicles were registered in North Carolina. This is a 433% increase from 2011.



92 of NC's 100 counties have registered electric vehicles

The economic impact to NC can be exceptional with increased revenue through manufacturing opportunities and research and development jobs. Additionally, the environmental impacts help the state to maintain its beautiful mountains, piedmont and beaches.

More than 600 charging stations have been installed in NC. Ten are publically available DC Fast Charge stations.



For more information on driving electric, visit [www.ncpevtaskforce.org](http://www.ncpevtaskforce.org)

# The Benefits...

## Cost Savings



If you drove 12,000 miles in a year, an all-electric vehicle could save you over \$1,300 a year in fuel savings alone!

## Environmental Improvements



Plug-in electric vehicles do not produce vehicle emissions while in all-electric mode, and they are cleaner even when the emission from the generation of electricity is considered. In cases where electricity is generated with renewable, hydro or nuclear resources, electric vehicles are truly emission and pollution free.

## Energy Independence



Plug-in electric vehicles are fueled with locally-generated electricity, not imported oil. Conventional transportation is wholly dependent on petroleum and results in the U.S. spending over \$1 billion per day on foreign oil. Electricity generation in the United States uses a diverse mix of domestic sources, and only one percent comes from oil.

## Economic Development



As the demand for electric vehicles increase, more opportunities will be created for research and development, manufacturing, electrical contracting and green tourism. In North Carolina, there has been an increase in battery and charging equipment manufacturing, lithium mining and battery recycling.

## Power Sustainability



Plug-in electric vehicles can help encourage sustainability through renewable fuels, grid reliability and power outage response. They support greater integration of renewable generation, help manage peak loads, optimize energy efficiency, and enable future potential for vehicle-to-grid energy storage and power supply.

