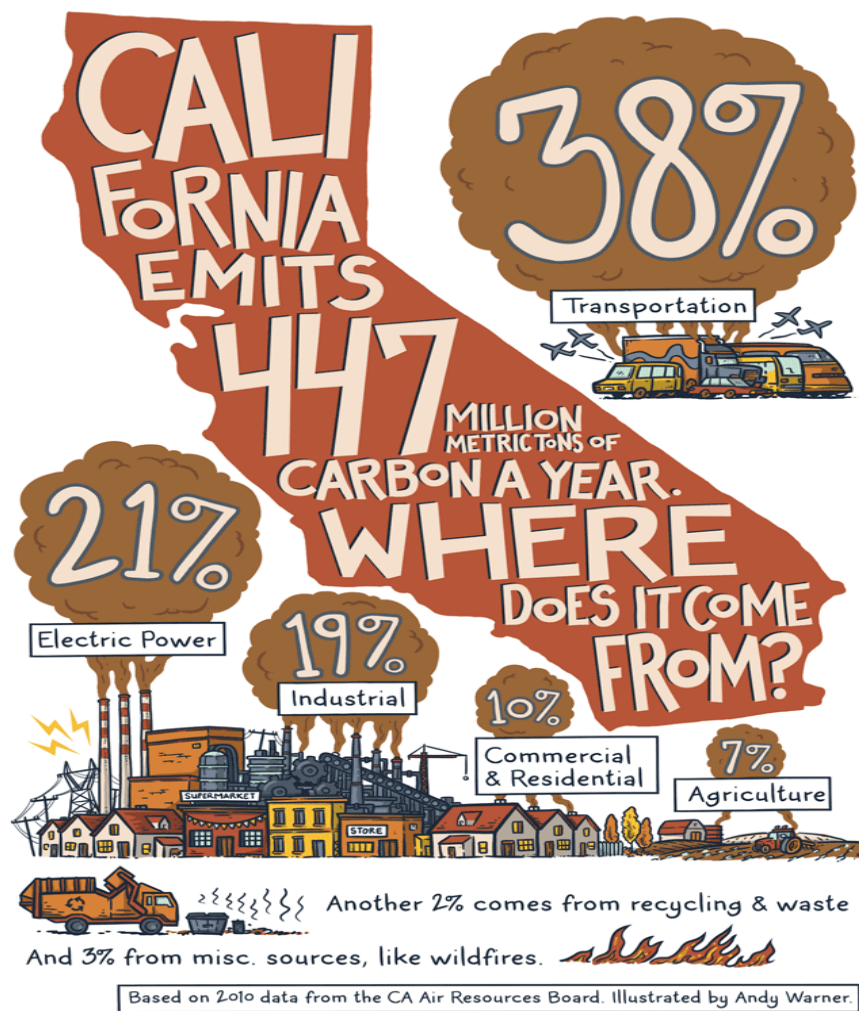


# Why are EV's Important?

## State's Sustainability Efforts

Zero-emission transportation technologies are essential to achieve California's renewable energy, air quality, and climate change goals. ZEVs include pure battery plug-in electric vehicles, plug-in hybrid electric vehicles, and hydrogen fuel cell electric vehicles. From <http://www.cpuc.ca.gov/zev/>



## Did you know:

- Governor Brown has a goal of 5 million ZEVs on the roads by 2030 (<https://goo.gl/KjUK9e>) and 250,000 electric vehicle charging stations by 2025.
- ZEVs help California meet its goal of cutting greenhouse gas emissions to 40 percent below 1990 levels by 2030 and the health-based air quality requirements established in the federal Clean Air Act.
- Transportation emissions are [38 percent of statewide greenhouse gas emissions](#), [83 percent of statewide NO<sub>x</sub> emissions](#) and [95 percent of statewide diesel emissions](#)

**Each EV in California saves average 9,470 lbs CO2 equivalent per year vs. gasoline**

From US Dept Energy [https://www.afdc.energy.gov/vehicles/electric\\_emissions.php](https://www.afdc.energy.gov/vehicles/electric_emissions.php)