

Clean Air Future: *Health and Climate Benefits of Zero Emission Vehicles*

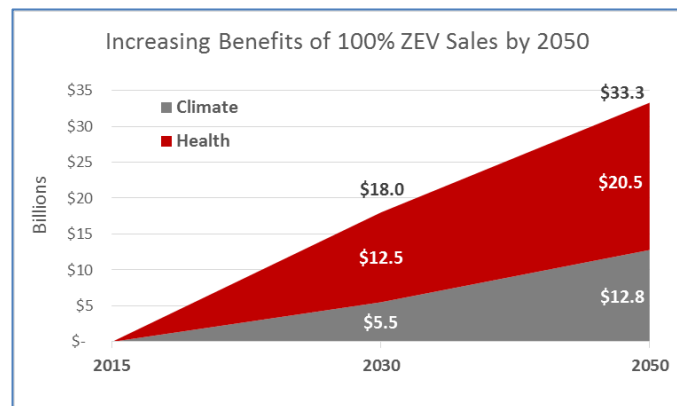
A new report from the American Lung Association in California* finds that California and nine other states will experience tremendous benefits from a wide scale transition to electric vehicles. The report, "Clean Air Future: Health and Climate Benefits of Zero Emission Vehicles," finds that moving to zero emission vehicles (ZEV) will save lives and money, and improve public health.

California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Rhode Island and Vermont have all adopted a Zero Emission Vehicle program. This report highlights the benefits of a ZEV Future scenario in which all new car sales and approximately 65% of all cars on the road in 2050 are battery electric, hydrogen fuel cell, or plug-in hybrids across these 10 ZEV States.

2050 Health and Climate Savings

A transition to a ZEV Future scenario in 2050 in the 10 ZEV States delivers \$33 billion in total health and climate savings.

- \$20.5 billion in health savings in 2050, due to a 90% reduction in pollution that creates smog and soot:
 - 195,000 fewer lost work days
 - 96,000 fewer asthma attacks
 - 2,200 fewer premature deaths
 - 1,600 fewer heart attacks
 - 1,600 fewer ER visits or hospitalizations
- \$12.8 billion in reduced climate change impacts in 2050 as greenhouse gas emissions are cut in half
 - Roughly equivalent to taking all of the cars off the road in the 8 East Coast ZEV States for a year



The report notes that we will experience approximately 19% greater benefits with a complete shift to clean, renewable electricity or hydrogen to power our cars and trucks, along with a strong ZEV program. California's pioneering ZEV program, and additional policies that support incentives, expanded fueling infrastructure, and public outreach are also needed in order to meet health-protective air quality standards and achieve climate change goals.

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View the entire report at: <http://www.lung.org/local-content/california/documents/2016zeroemissions.pdf>

**The report was produced in collaboration with the American Lung Association of the Northeast, the American Lung Association of the Mountain Pacific, and the American Lung Association of the Mid-Atlantic.*