

**BEN PROCHAZKA**  
**ELECTRIFICATION COALITION**



**PLUGGING  
INTO A  
TRANSPORTATION  
REVOLUTION**

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# ELECTRIFICATION COALITION

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The Electrification Coalition (EC) is a nonpartisan, not-for profit group of business leaders committed to promoting policies and actions that facilitate the deployment of electric vehicles on a mass scale in order to combat economic, environmental, and national security dangers caused by our dependence on oil



A close-up photograph of an electric vehicle charging cable and connector. The cable is black with a yellow stripe, and the connector is black with a yellow stripe. The background is a blurred, light-colored surface, possibly the side of a car.

WHY DO WE

NEED

Electric Vehicles?





**92% OF AMERICA'S  
TRANSPORTATION IS  
MONOPOLIZED BY OIL**

**EXXON**

Self	Cash
Reg	25.5¢
Plus	35.5¢
Supreme	39.5¢
Diesel	42.7¢

**EXXON**

**SUNOCO**



35.5¢  
38.5¢  
39.5¢

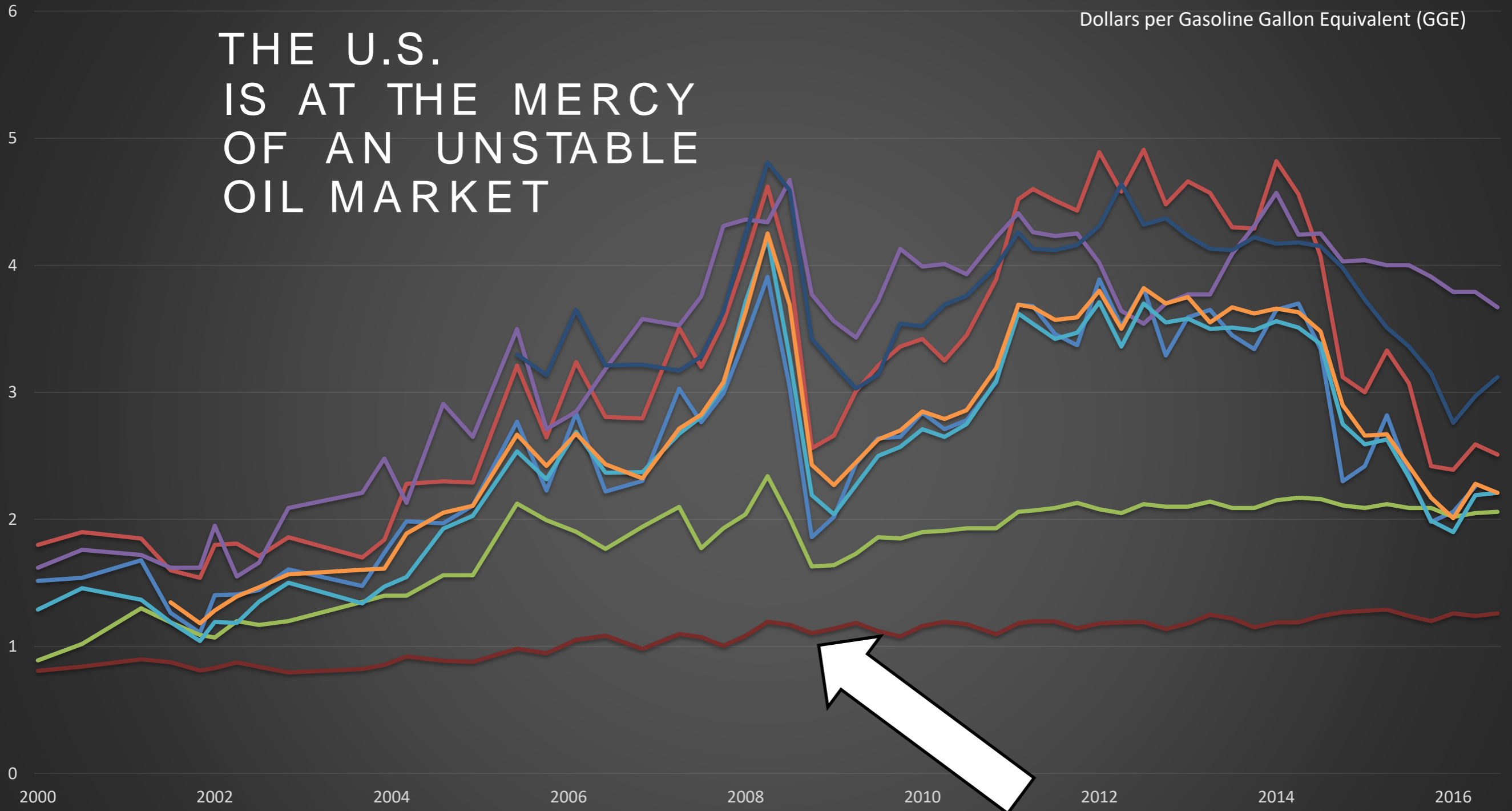
**WAL-MART**  
**SAM'S**  
**WAL\***

*Clubs*  
*Diner*

**EXXON**



# THE U.S. IS AT THE MERCY OF AN UNSTABLE OIL MARKET



Source: SAFE analysis based on data from Clean Cities Alternative Fuel Reports

-Admiral Dennis Blair (Ret.),  
Former Director of National Intelligence;  
Former Commander in Chief of U.S. Pacific  
Command

“THIS IS A  
NATIONAL  
SECURITY ISSUE  
FOR THE UNITED  
STATES.”



A close-up photograph of an electric vehicle (EV) charging station. The image shows a black charging cable with a yellow stripe, plugged into a white charging port. The background is a blurred grey, suggesting an outdoor or semi-outdoor setting. The text "EVs = SOLUTION" is overlaid in white, bold, sans-serif font across the center of the image.

EVs = SOLUTION



# ELECTRICITY IS EVERYWHERE

PROVIDING A PRICE-STABLE FUEL THAT'S CHEAPER THAN **OIL**





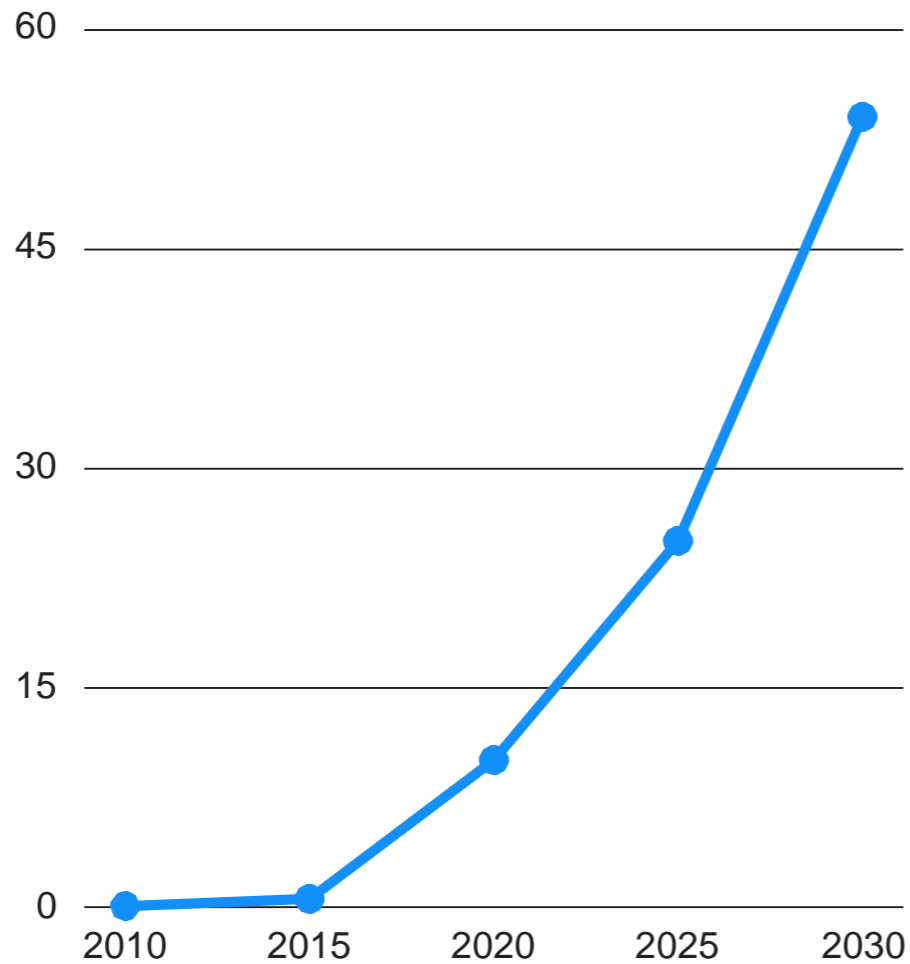
**ELECTRICITY IS**

**DIVERSE**

**DOMESTIC**

**CLEANER**





# 54%

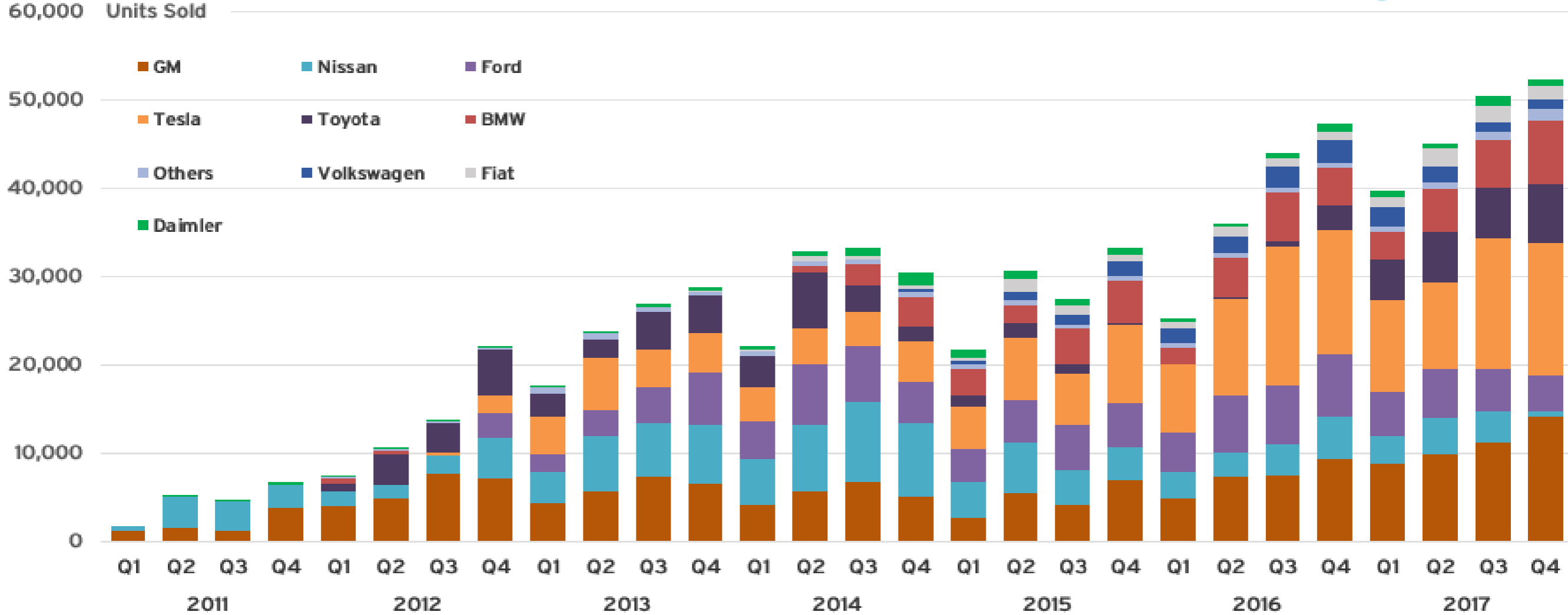
**of new car sales will be  
EV by 2040**

- Estimates from Bloomberg New Energy Finance

CHART BASED ON ESTIMATES FROM INTERNATIONAL ENERGY  
AGENCY GLOBAL EV OUTLOOK 2017, PAGE 25

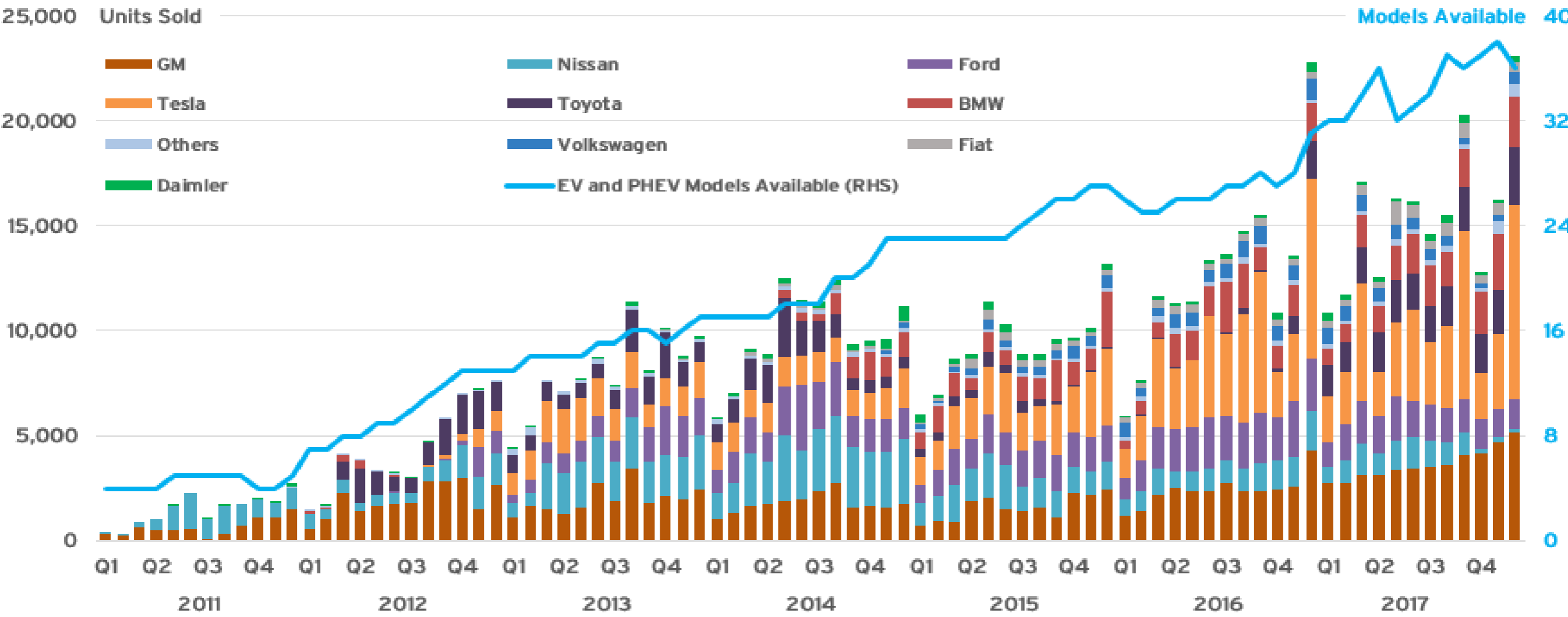


# EV Sales Break Records in 2017, Outlook Remains Strong



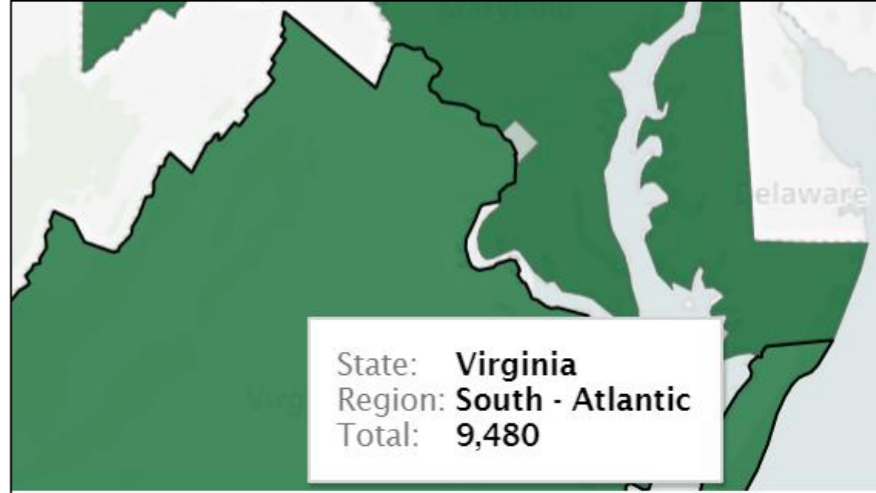
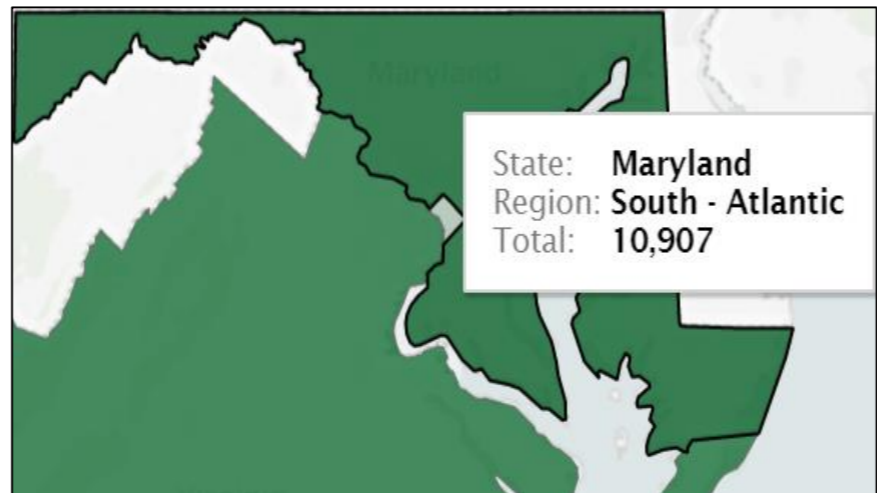
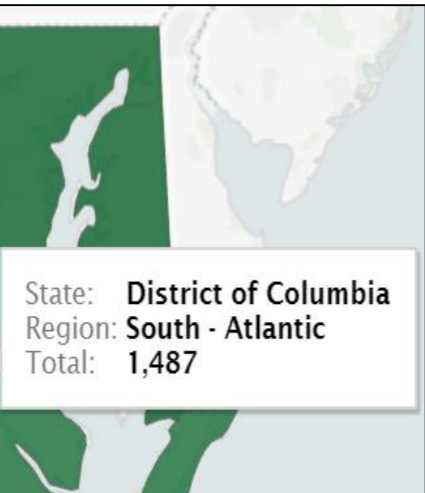
Source: SAFE analysis based on data from HybridCars.com

# EV Sales Remain Strong in 2017

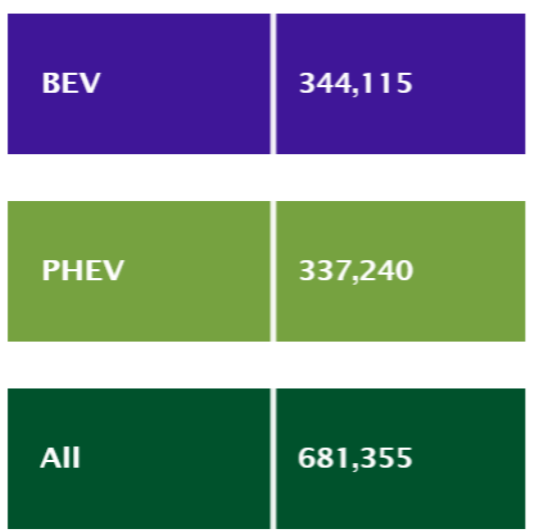


Source: EC analysis based on data from HybridCars.com

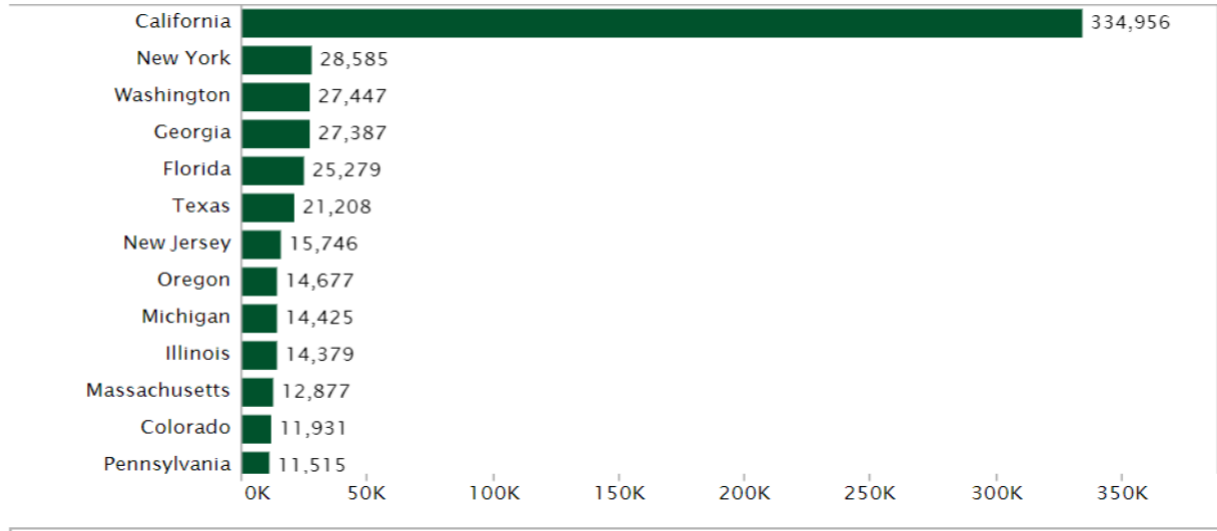




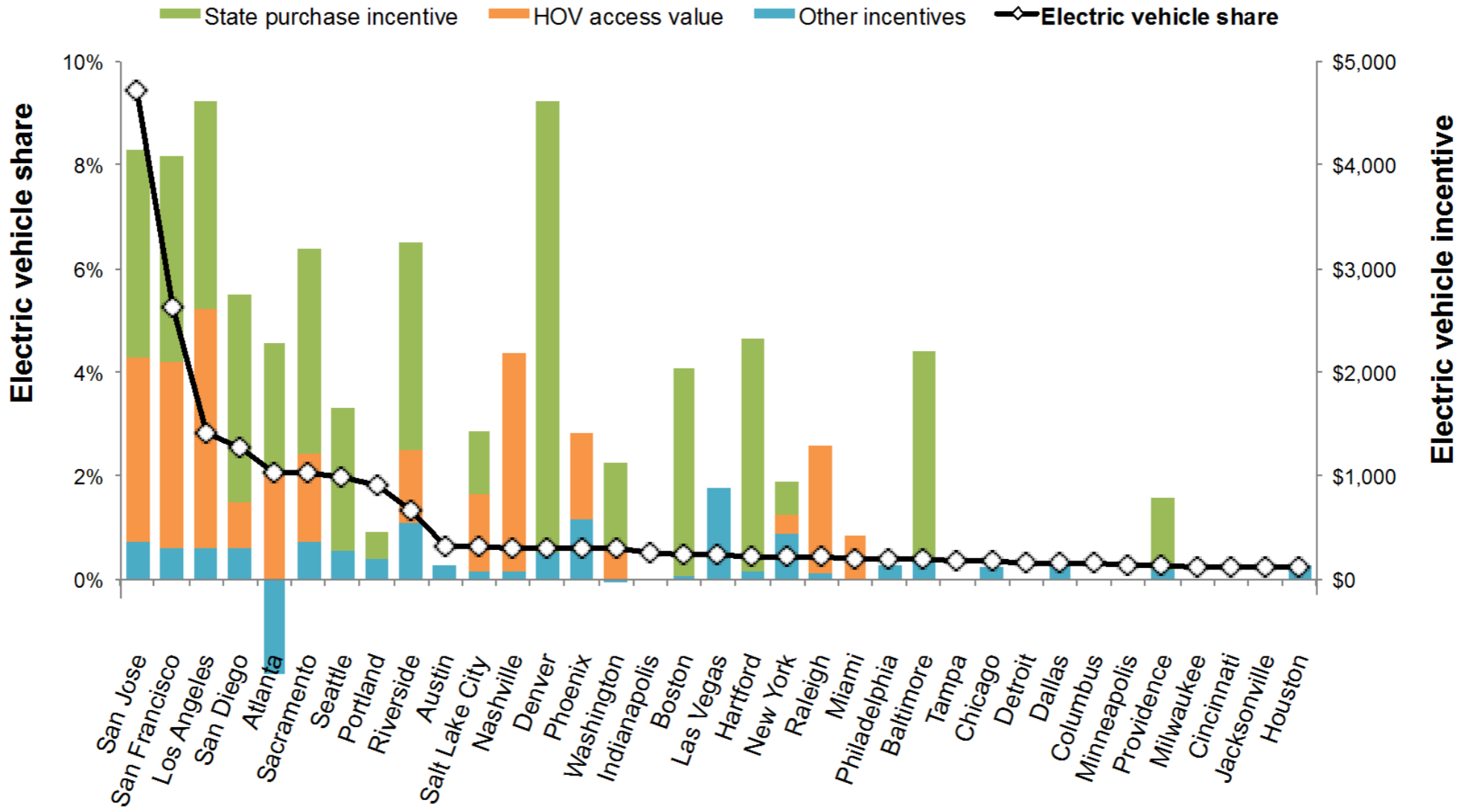
**Total Sales by ATV Category**



**Top States by ATV Sales**



Data include 50 states and Washington D.C.





# NEARLY 50 EV MODELS

FROM ALMOST EVERY MAJOR AUTO MANUFACTURER



TESLA  
MODEL 3



NISSAN  
LEAF



(CONCEPT)  
VOLKSWAGEN  
ELECTRIC  
MICROBUS



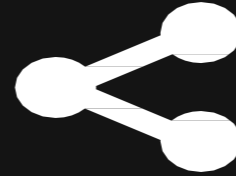
## CONNECTED

Enables autonomous vehicles, decreases congestion and traffic



## AUTONOMOUS

Traffic control and optimization



## SHARED

Reduce number of vehicles on the roads, reduce the need for parking spaces



## ELECTRIC

More efficient, cleaner, fuel diverse.

# The Electrification Coalition

## Programmatic Case Studies

The image shows a screenshot of the Electrification Coalition website. The website has a blue header with the logo and navigation menu. The main content area features a featured policy report titled "Electrification Roadmap" with a date of November 16, 2009. To the right of the report are filter options for document type and date. Below the website screenshot, several document covers are displayed, including "State of the 2011 Electric Vehicle Market", "Fleet Electrification Roadmap", "The Electric Drive Bellwether?", and "It's Electrifying: Positive Returns to PEV Deployment". A "DRIVE electric" logo for Northern Colorado is also visible in the top right corner of the website screenshot.

**Electrification Coalition**  
Revolutionizing Transportation and Achieving Energy Security

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**POLICY REPORTS AND ANALYSIS**  
The Electrification Coalition makes policy recommendations based on in-depth, objective analysis of the wide variety of complex issues surrounding energy security and electrification.

**POLICY REPORT** NOVEMBER 16, 2009  
**Electrification Roadmap**  
This comprehensive report outlines a vision for a fully integrated electric drive network across the United States.

**FILTER BY DOCUMENT**  
 Policy Report  
 Analysis

**FILTER BY DATE**  
 2013  
 2012  
 2011  
 2010  
 2009

**FILTER BY KEYWORDS**

**DRIVE electric**  
NORTHERN COLORADO  
Let's Charge Our Community!  
DriveElectricNoCo.org

State of the 2011 Electric Vehicle Market  
Fleet Electrification Roadmap  
The Electric Drive Bellwether?  
It's Electrifying: Positive Returns to PEV Deployment





**THANK YOU FOR YOUR TIME!**

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