



Western States Petroleum Association

# The Road to 2030

Achieving Targets Through 2030

---

U.C. Davis STEPS Symposium  
May 12, 2015

# The Road to 2030: US Energy Picture

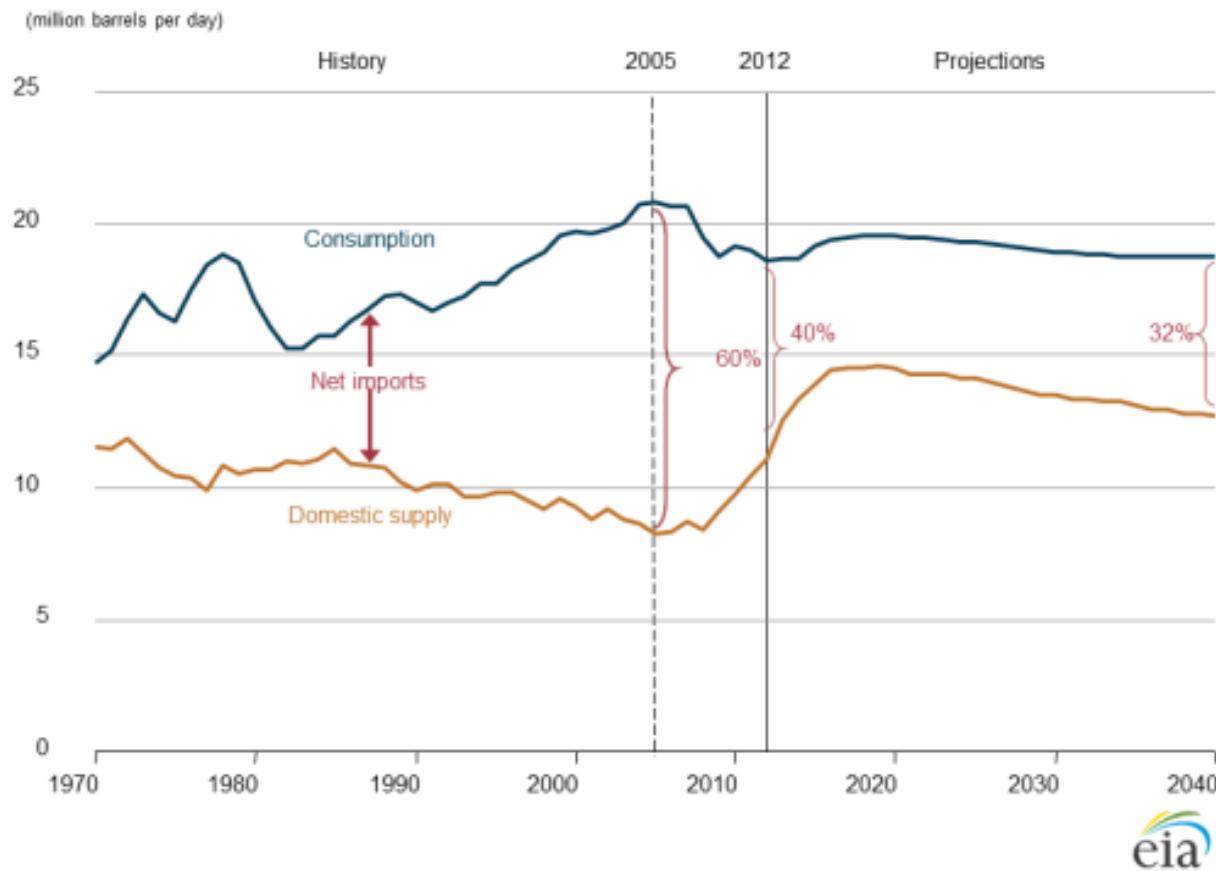
*“For the first time in nearly two decades, we now produce more oil here at home than we buy from the rest of the world, and our all-of-the-above strategy for new American energy means lower energy costs.”*

**President Barack Obama**  
**December 20, 2013**



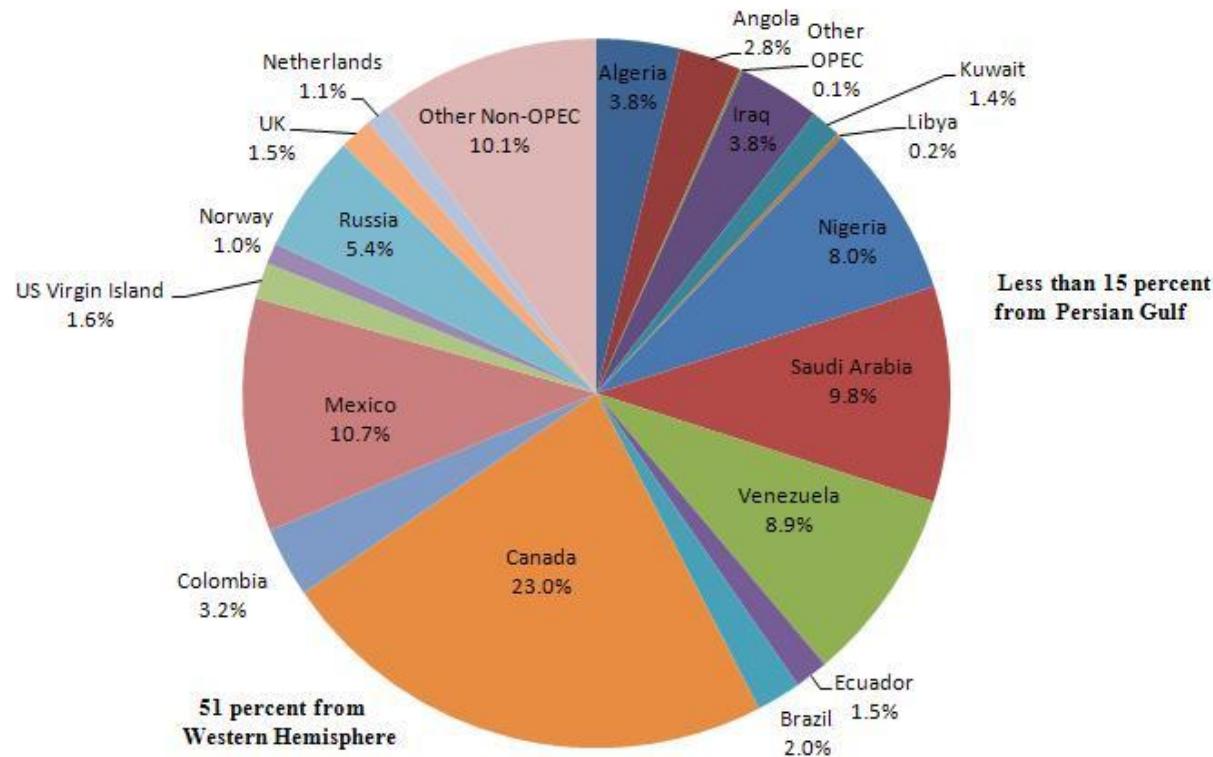
# The Road to 2030: US Energy Picture

## U.S. Petroleum and Other Liquid Fuels Supply, 1970 - 2040



# The Road to 2030: US Energy Picture

**Sources of U.S. Petroleum Imports - 2011 Jan-June**  
6-Month Average = 11.5 million Barrels per Day

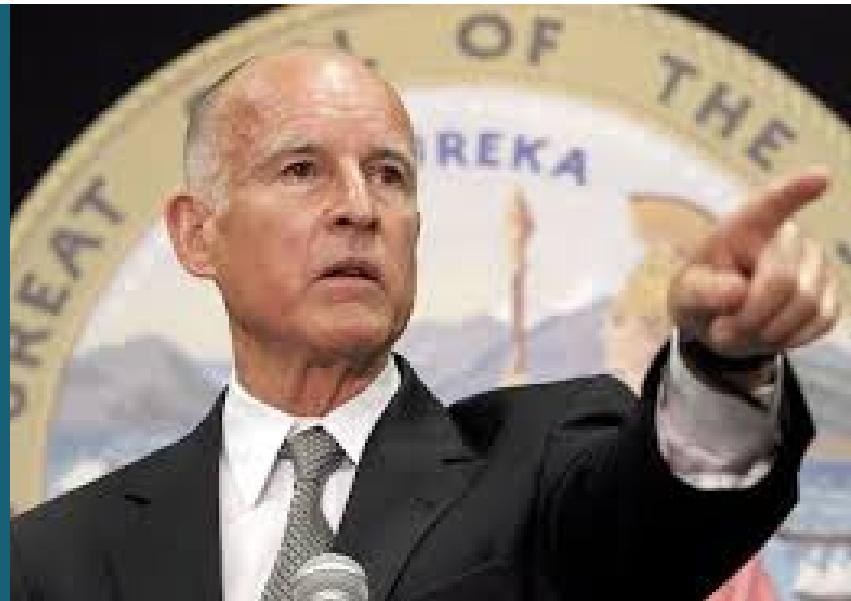


Source: U.S. Energy Information Administration

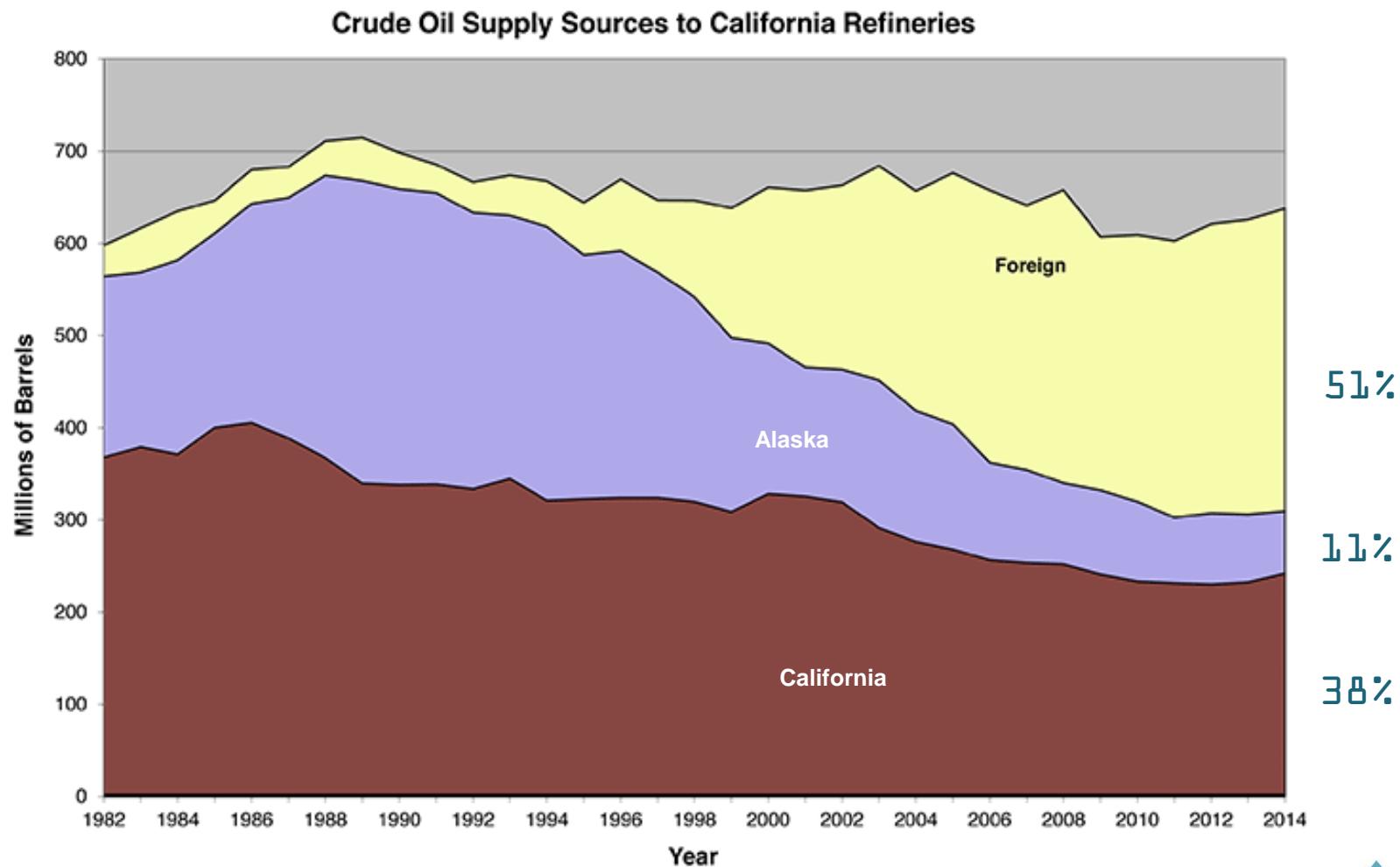
# The Road to 2030: CA Energy Picture

“The fossil fuel deposits in California are incredible.”

**California Governor Jerry Brown**  
**March 15, 2013**



# The Road to 2030: CA Energy Picture

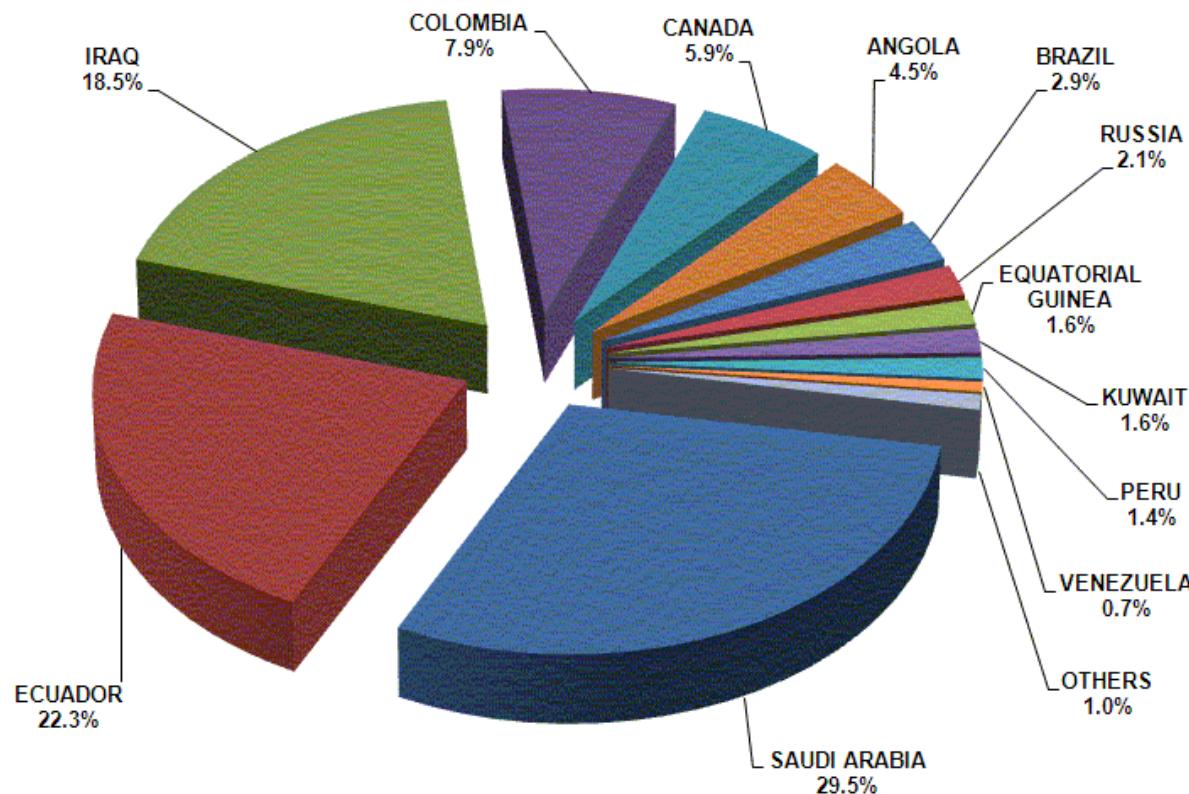


Source: California Energy Commission

6 Western States Petroleum Association // [wspa.org](http://wspa.org) // @wspaprez

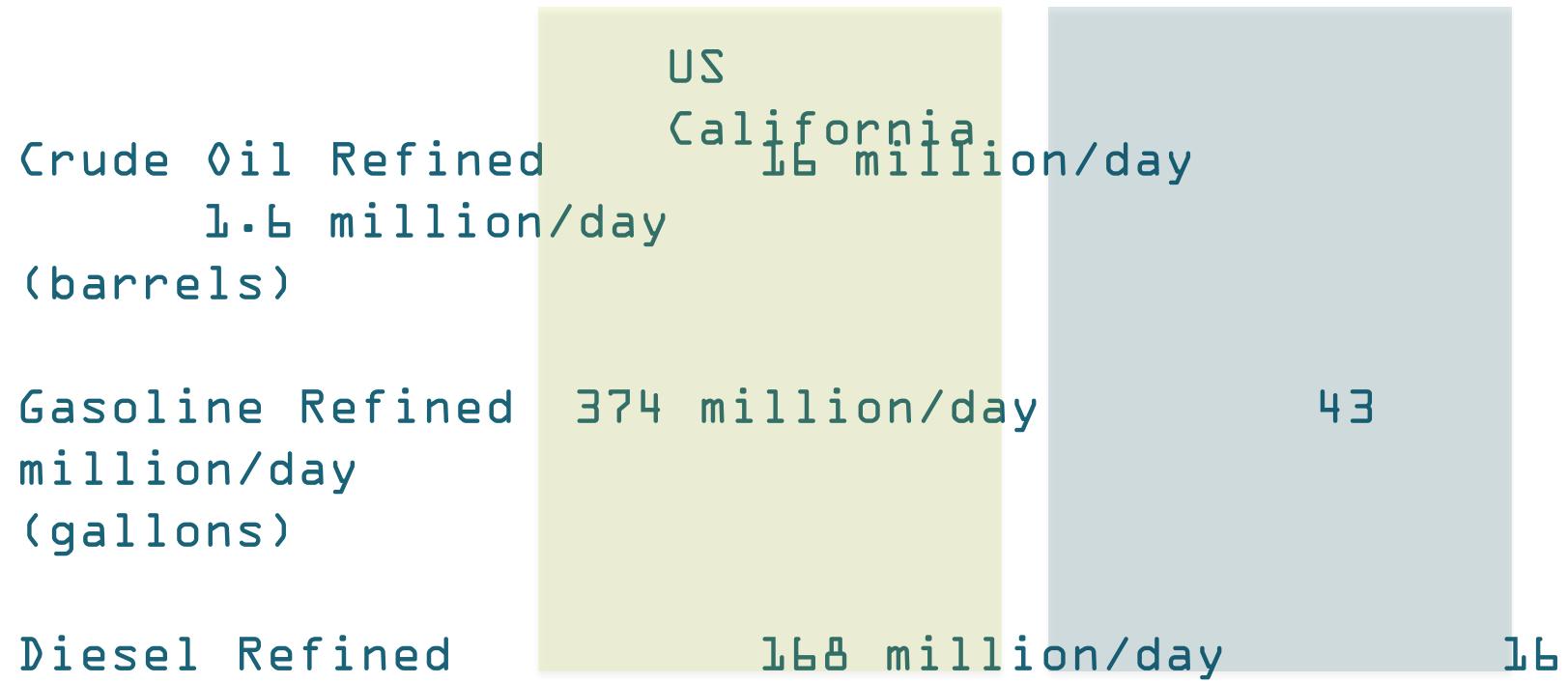
# The Road to 2030: CA Energy Picture

## Sources Of Imported Foreign Oil Into California



Source: Energy Information Administration (EIA), Company-Level Imports.

# The Road to 2030: Fuel Facts

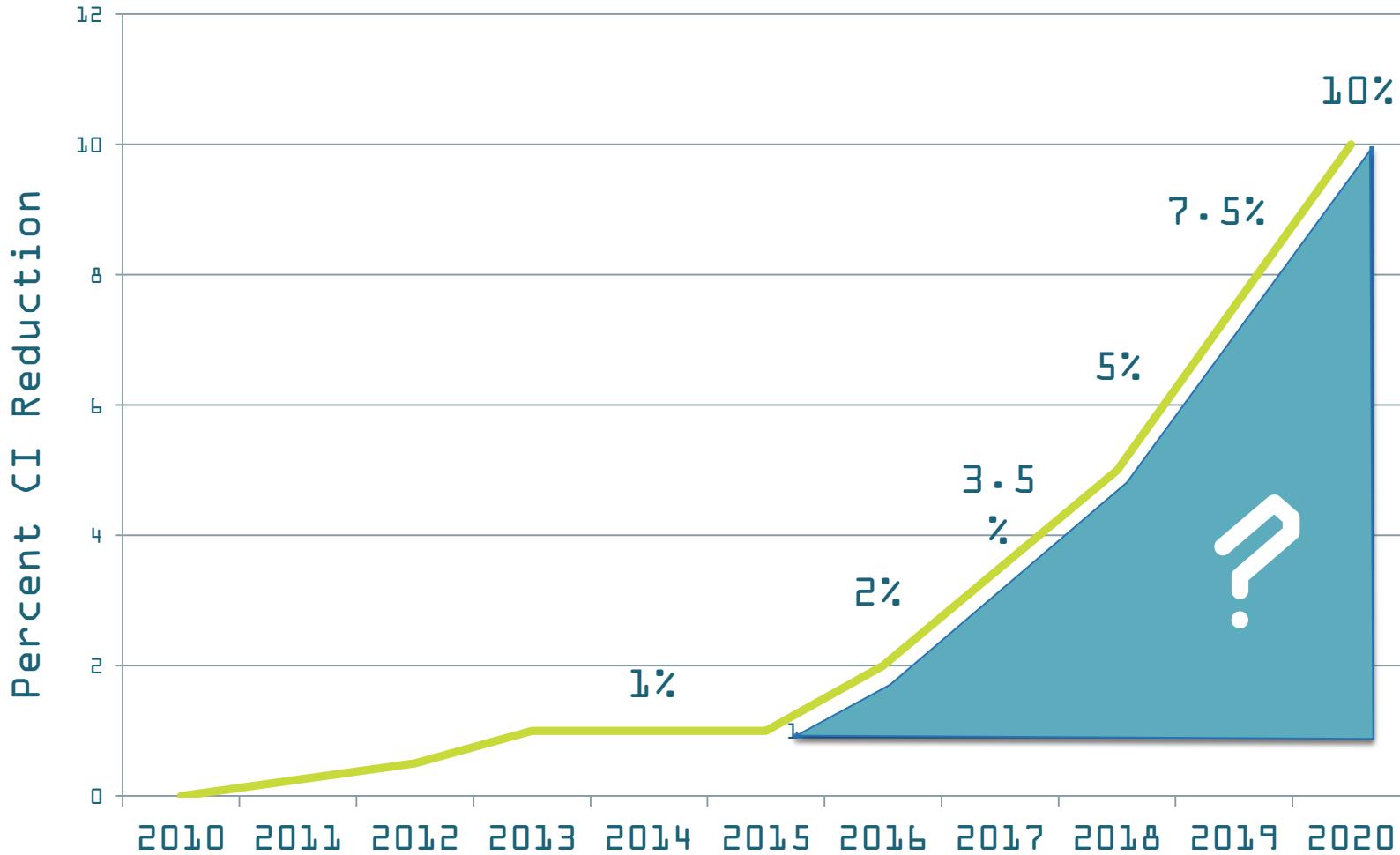


- According to the Integrated Energy Policy Report, California is the third largest fuel consuming entity on earth, behind the US as a whole and all of China

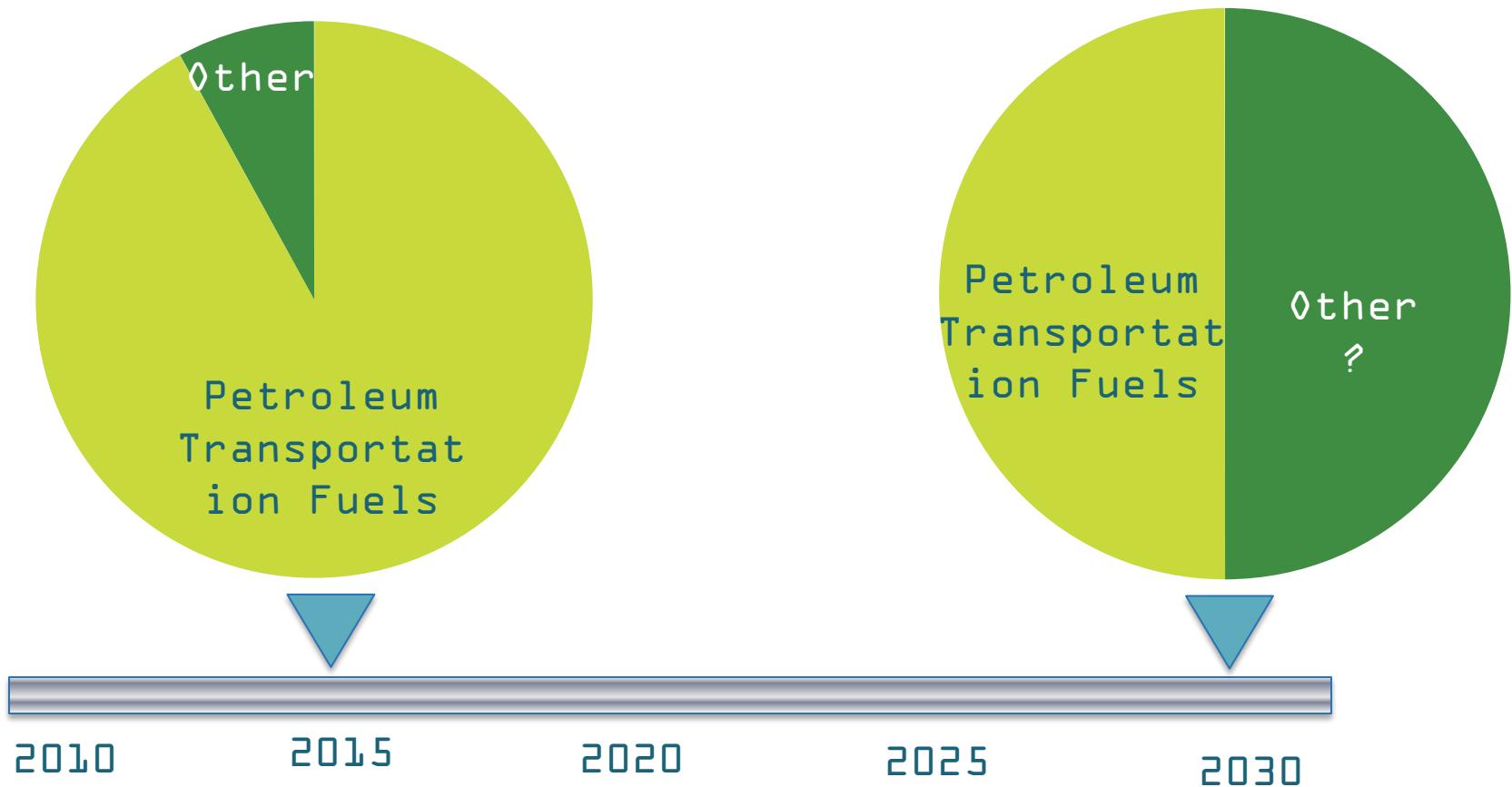
- 92% of California's transportation fuels are petroleum-based

Source: U.S. Energy Information Administration; California Energy Commission

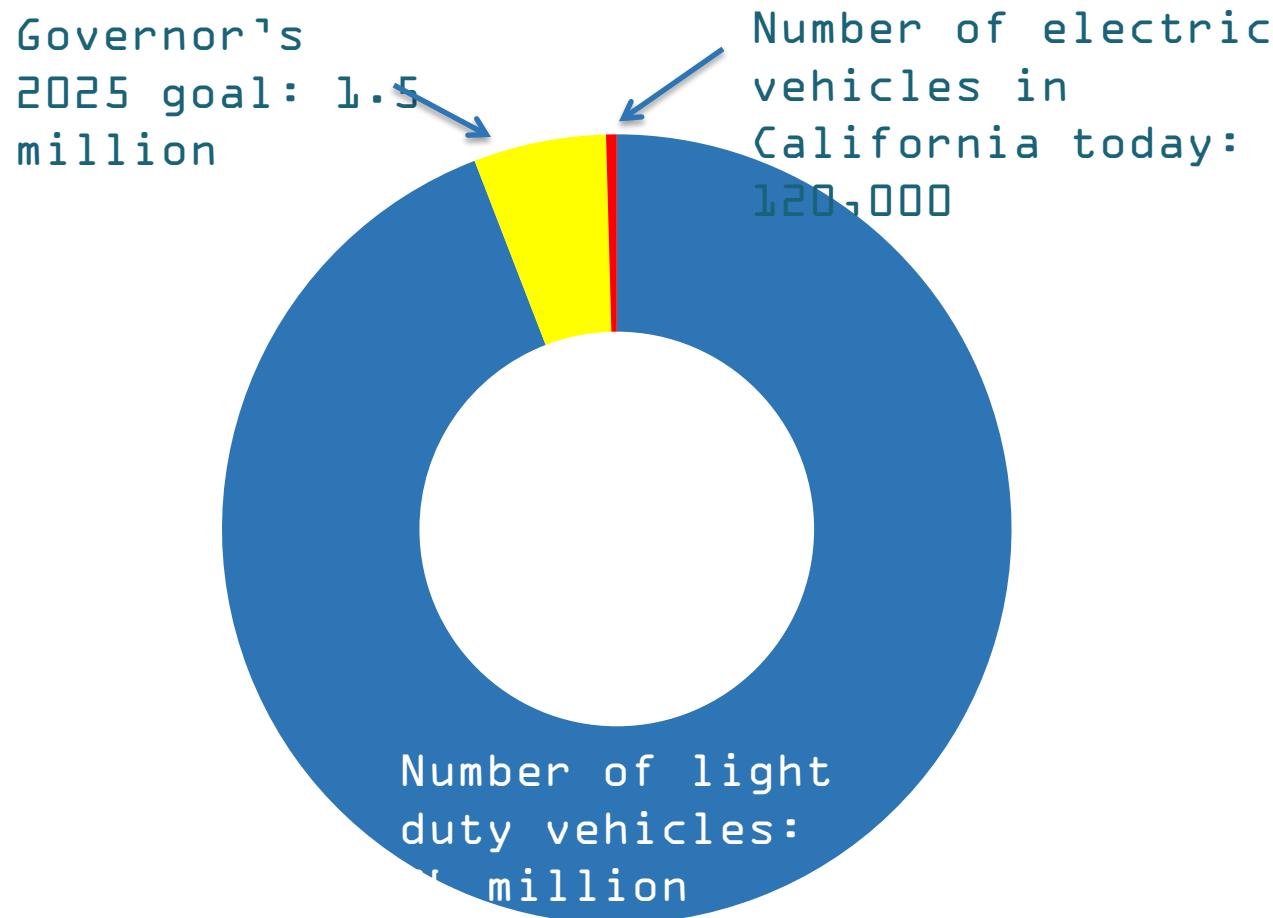
# The Road to 2030: LCFS



# The Road to 2030: SB 350 Fuel Supply



# The Road to 2030: Electric Vehicles



Source: California Energy Commission, Draft California Integrated Energy Policy Report, November 2014; California Air Resources Board

# The Road to 2030: VMT

“Industry analysts have predicted that road pricing will be among the most effective strategies in reducing VMT and GHG emissions.

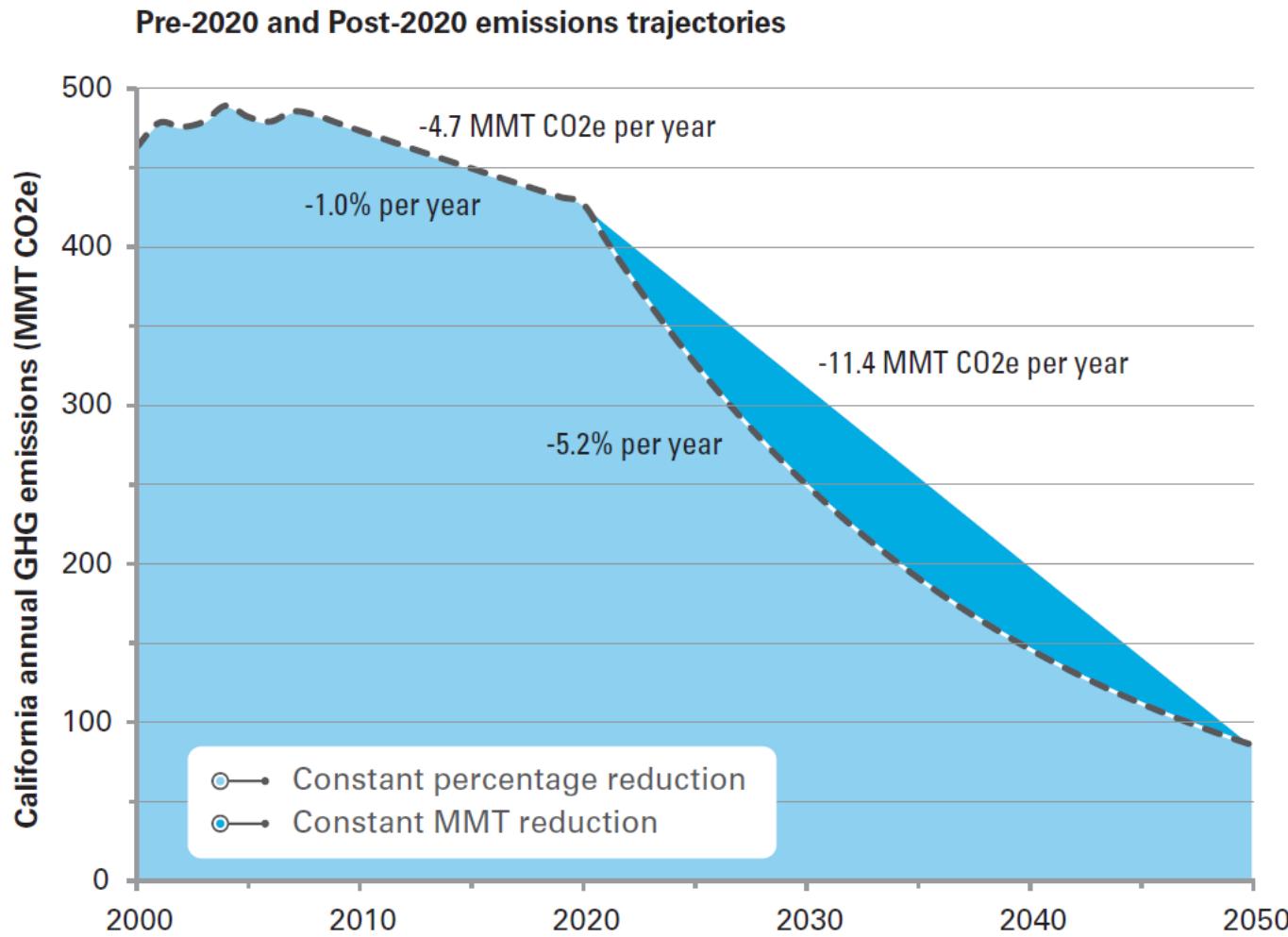
A forecast based on the CSTDM seemed to confirm this assumption, where the 73 percent increase on the cost of driving translated into a 17 percent reduction in VMT.”

California Transportation Plan 2040



Source: California Department of Transportation, California Transportation Plan, Draft, March 2015  
12 Western States Petroleum Association // [wspa.org](http://wspa.org) // @wspaprez

# The Road to 2030: Cap & Trade



Source: California Air Resources Board, First Update to the Climate Change Scoping Plan, May 2014  
13 Western States Petroleum Association // [wspa.org](http://wspa.org) // [@wspaprez](https://twitter.com/wspaprez)

# The Road to 2030: Cap & Trade

“The Cap-and-Trade Program is a vital component in achieving both California’s near-and long-term GHG emissions targets.

California’s Cap-and-Trade Regulation is purposely designed to leverage the power of the market in pursuit of an environmental goal. It opens the door for major investment in emission-reducing technologies and sends a clear economic signal that these investments will be rewarded.”

