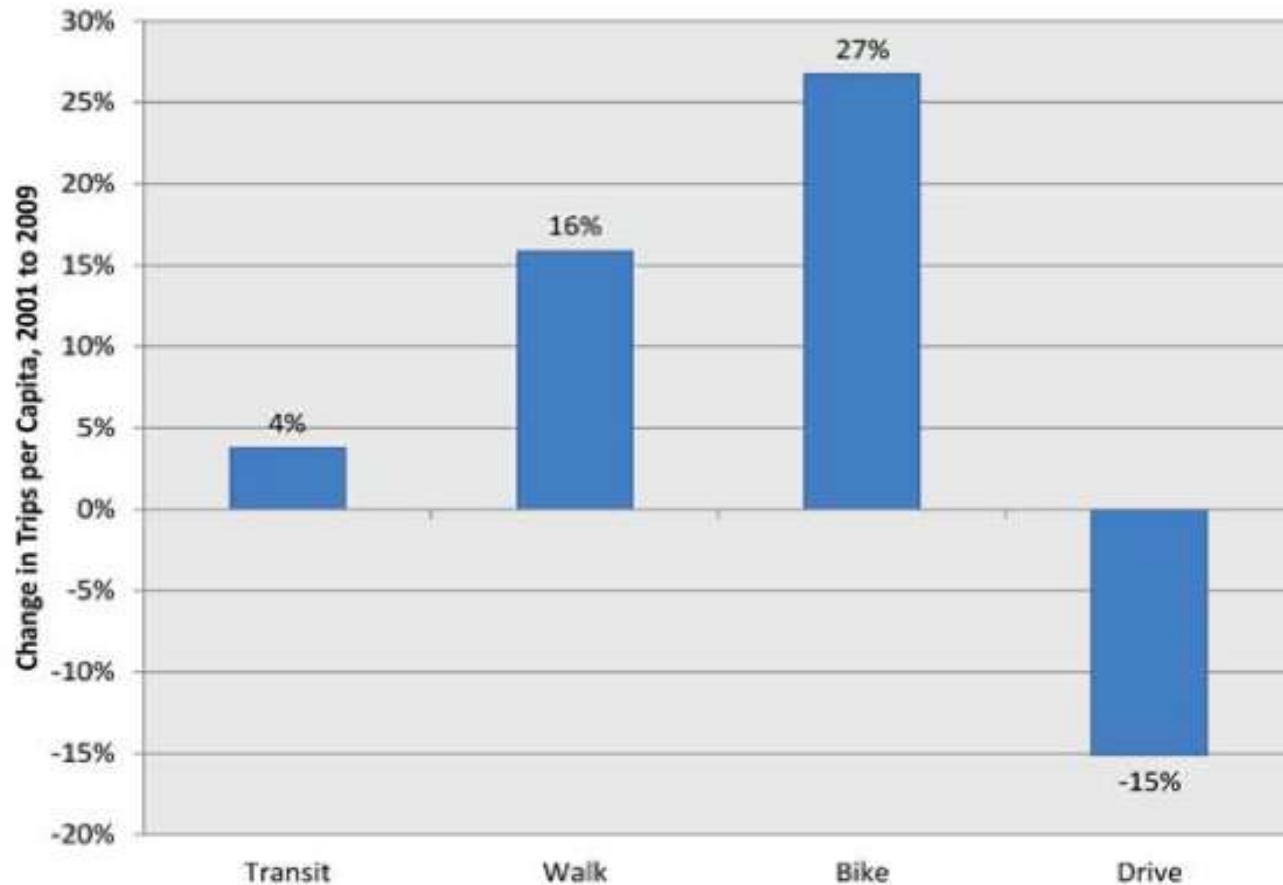


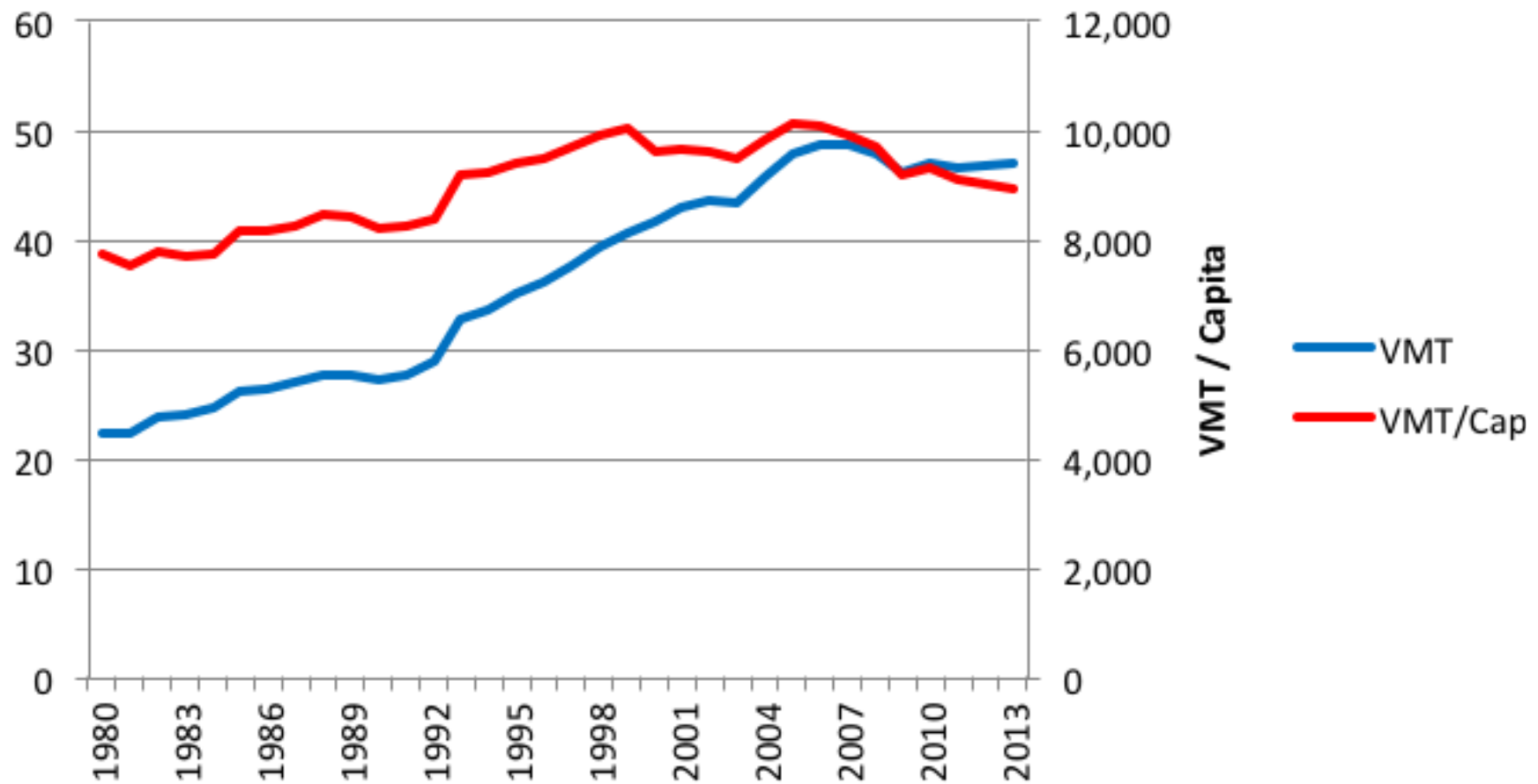
# Changing travel patterns

Figure 2. Change in Number of Trips per Capita among 16 to 34 year-olds, 2001 to 2009<sup>12</sup>



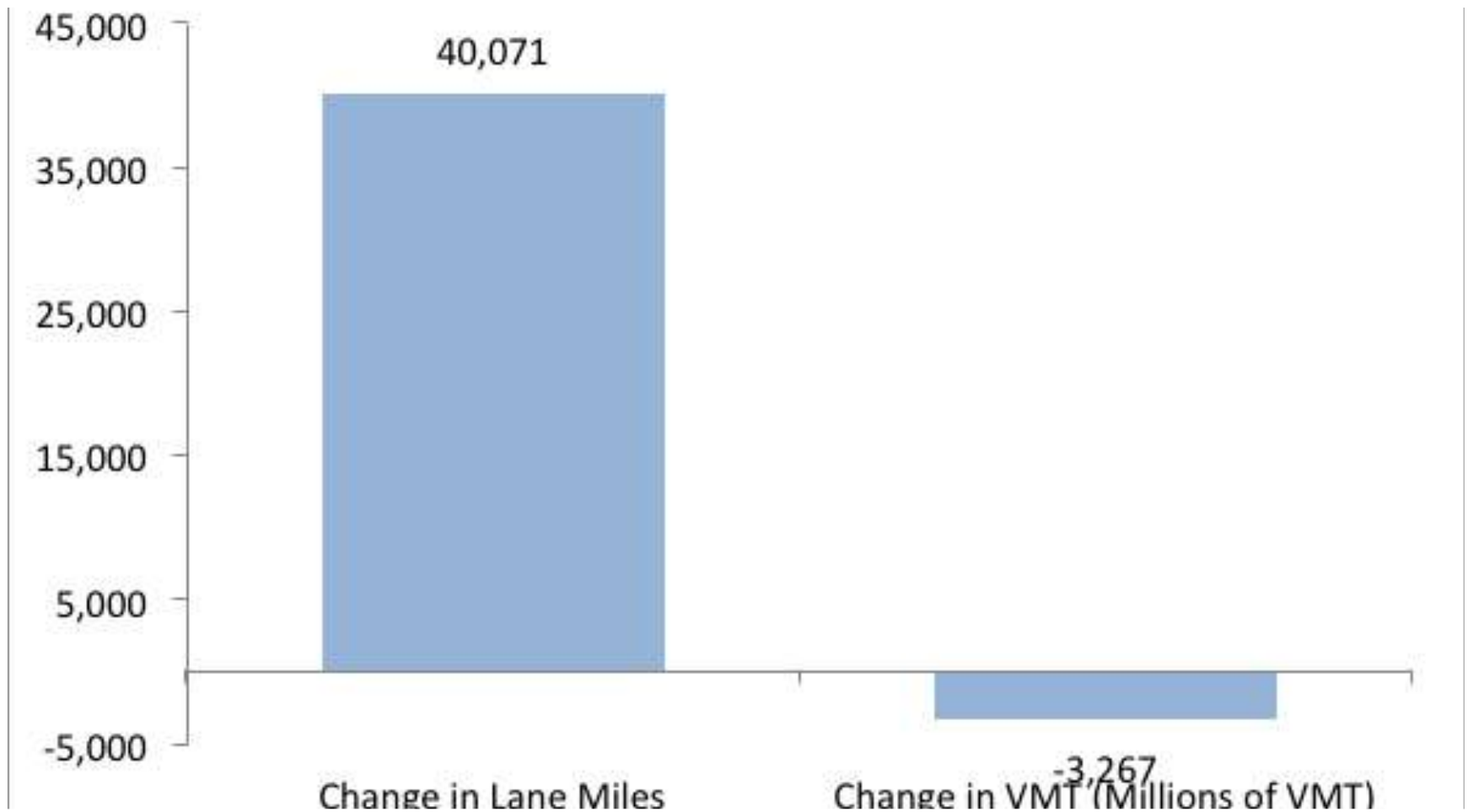
Source: *Millennials In Motion: Changing Travel Habits of Young Americans and the Implications for Public Policy*,

# Sea change in driving



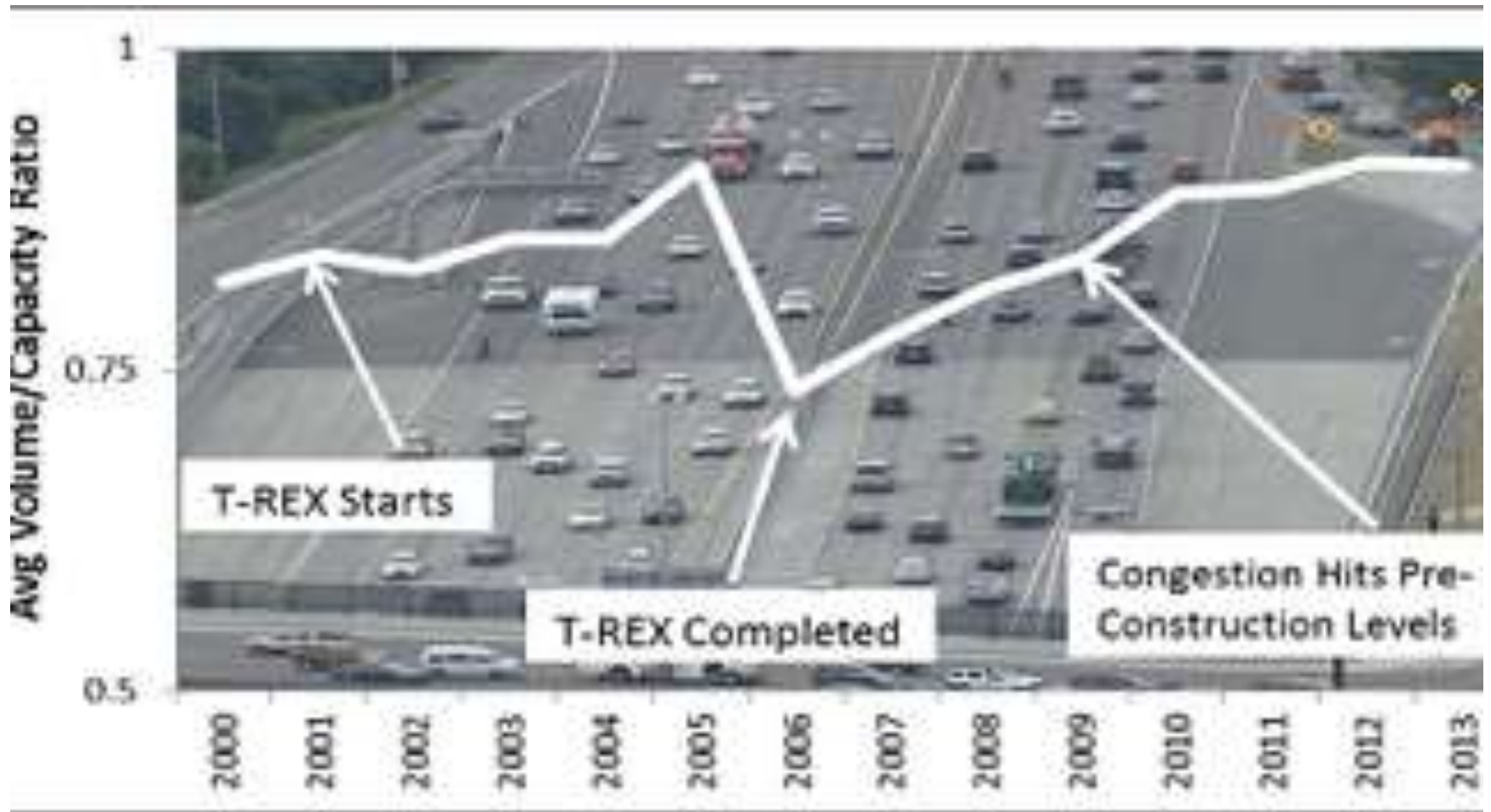
Total and per capita VMT in Colorado

# But the highway boom continued



Road construction since 2007 in the SW states


# Do lanes fix congestion?



# DOTs broaden their approach



## OLD versus NEW TRANSPORTATION



**OLD**

- Build roadways for cars and trucks
- Add lanes when congested



**NEW**

- Increase choice in travel (transit, carpool, single occupant)
- Increase mobility through operational improvements
- Use pricing on new express lanes to manage travel reliability and growth
- Promote options for walking & biking

# VMT reduction



Transit



Transit Oriented Development



User fees /Tolling

Reduced VMT per Capita,  
Focused Growth & Reduced  
Sprawl



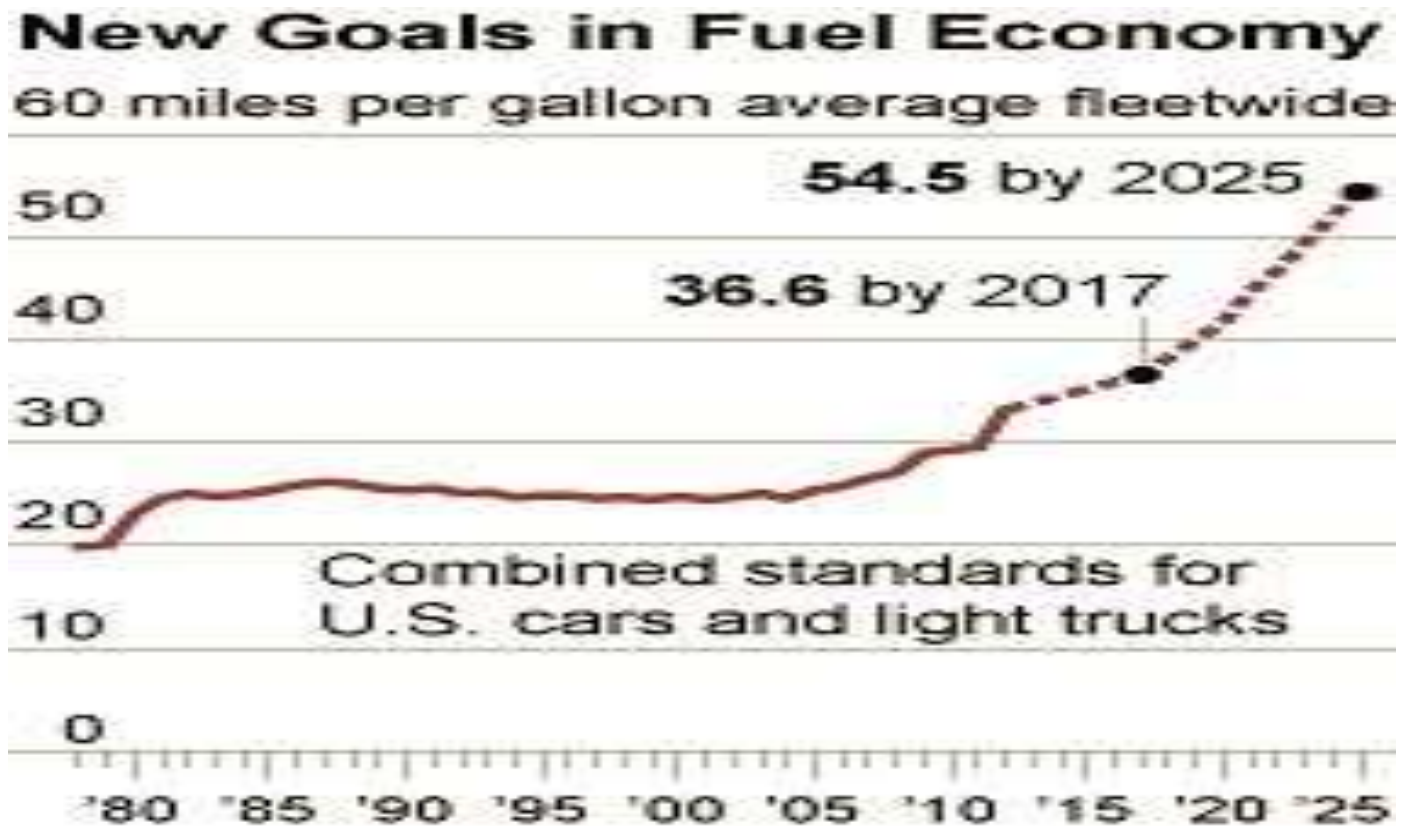
# Getting the Price Right

How do we use congestion based tolling?

- 1) Just to finance new road construction ?
- 2) To manage congestion and traffic for the long term?
- 3) To finance transit and transportation demand management programs?



# First advances in fuel efficiency since early 80s



Source: National Highway Traffic Safety Administration

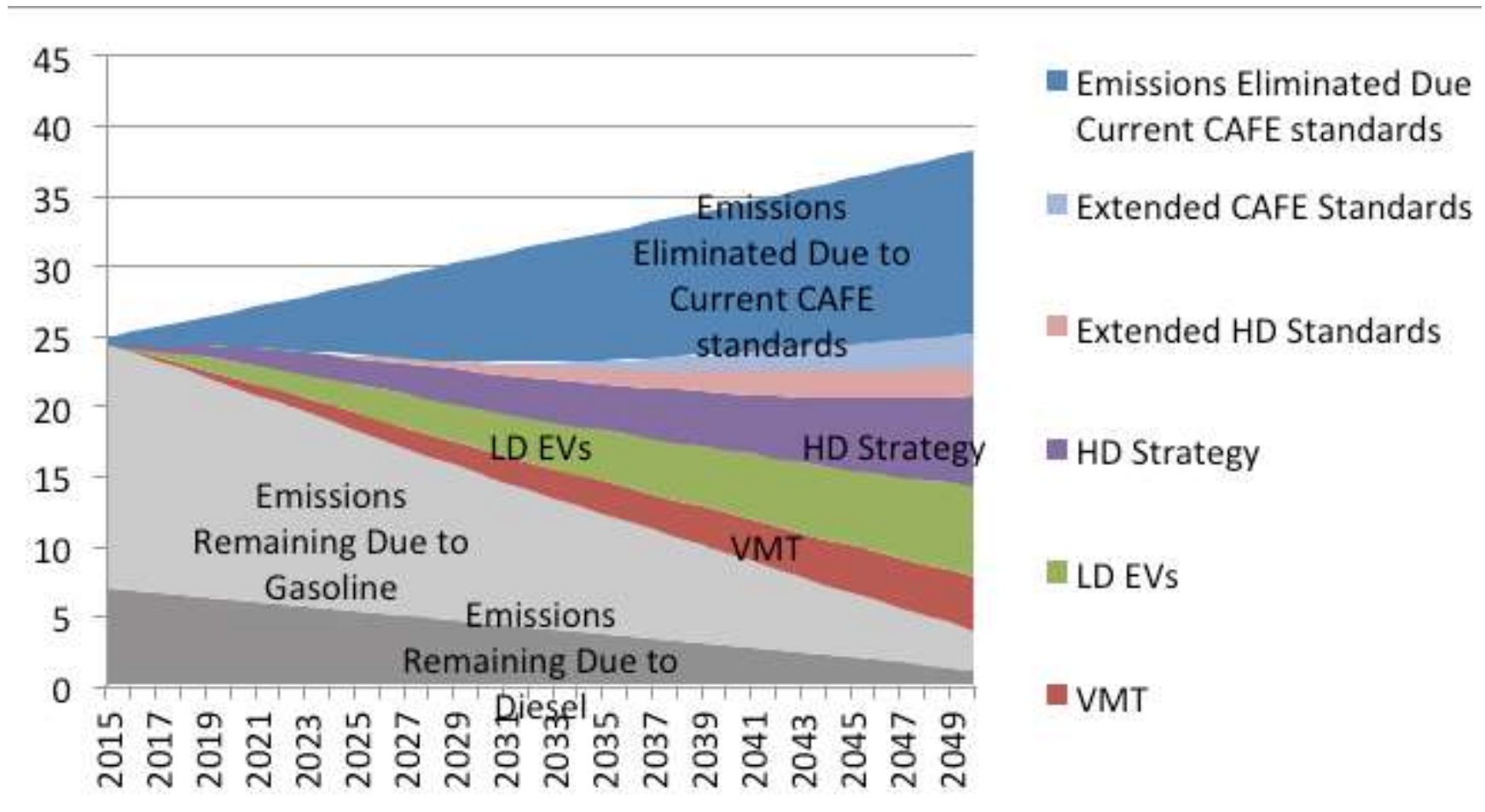


# Plug-in Electric Vehicles emerge

Ford, Chevy, Toyota, Nissan, Tesla, Honda, Mitsubishi, Volkswagen



# But not on a path to deep GHG reductions



# Beginning of the end of the private car ??

