Carbon Footprint Reduction with Alternative Fuels

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Clean Cities Mission

To advance the energy, economic, and environmental security of the U.S. by supporting local decisions to reduce petroleum use in transportation.

- Energy Policy Act of 1992 (EPAct)
- Provides a framework for businesses and government agencies to work together
- Clean Cities' primary goal is to cut petroleum use in the United States by 2.5 billion gallons per year by 2020.
- Since its inception in 1993, Clean Cities has eliminated the need for more than 5 billion gallons of petroleum through alternative fuel use, fuel economy improvements, idle-reduction measures, and other strategies

Clean Cities Coalitions

100+ coalitions in 45 states

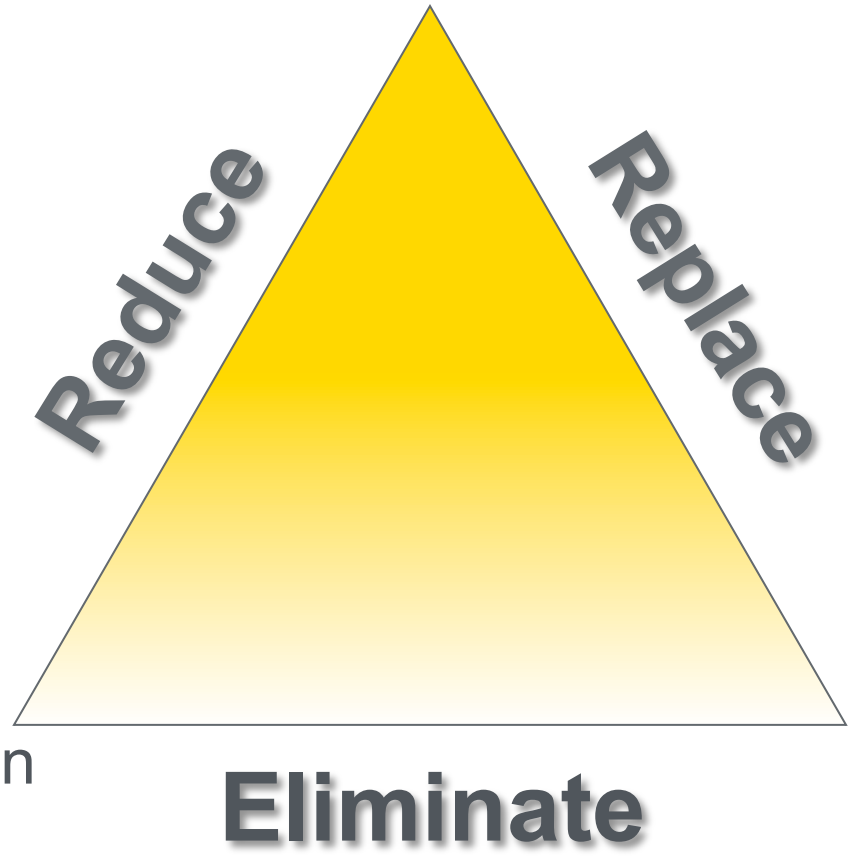
Nearly 1 million AFVs

10,000+ fueling stations

U.S. Department of Energy

Clean Cities Strategies

- **Replace** petroleum with alternative and renewable fuels
- **Reduce** petroleum use through fuel efficiency measures, smarter driving practices, and idle reduction
- **Eliminate** petroleum use by promoting mass transit, trip elimination, and congestion mitigation



Clean Cities Program Portfolio of Technologies

Alternative and Renewable Fuels
- Biodiesel
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

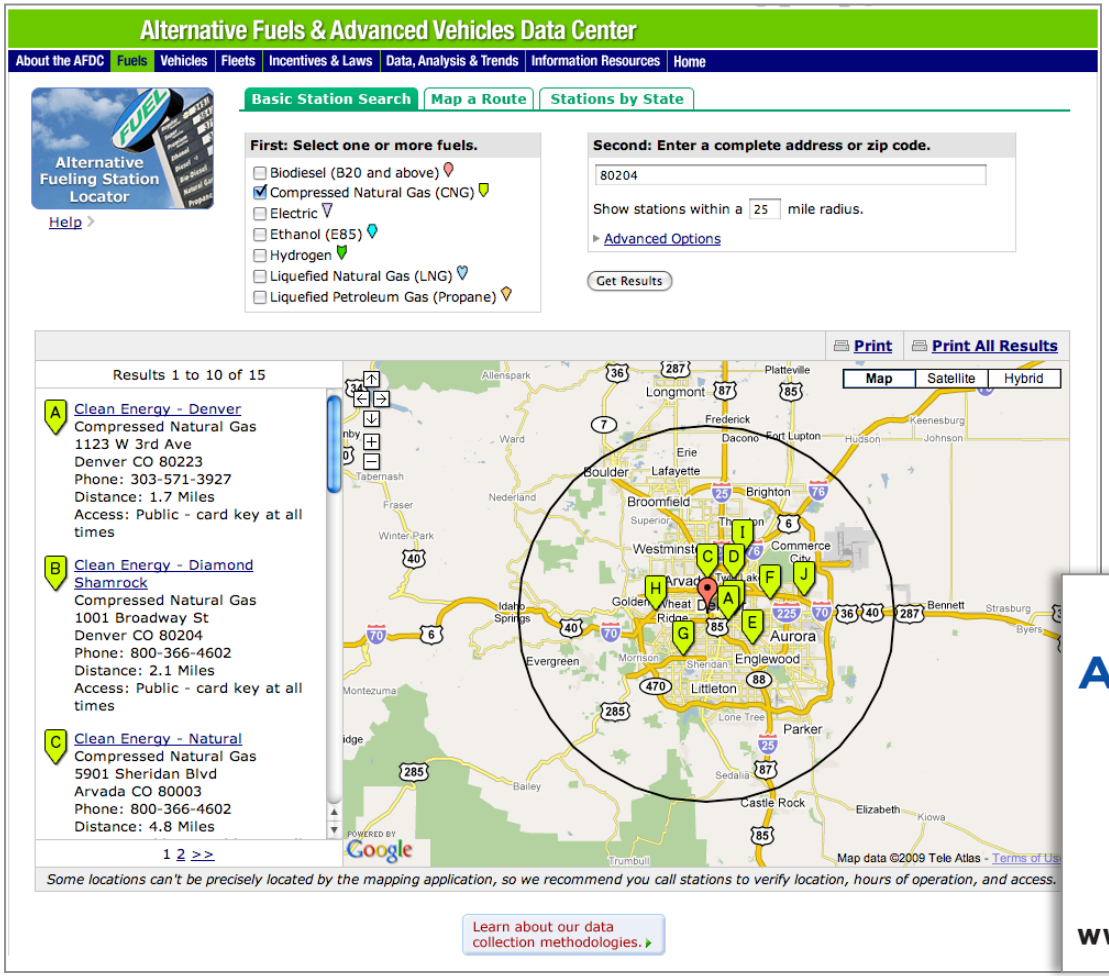
Fuel Economy
- Fuel efficient vehicles
- Driving habits
- Vehicle maintenance

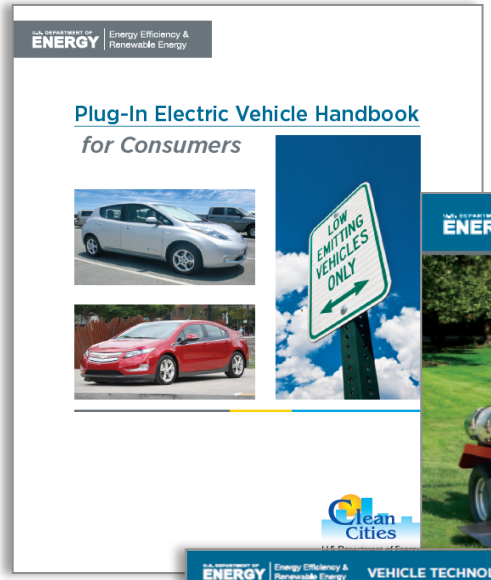
Idle Reduction
- Technologies
- Behavioral changes

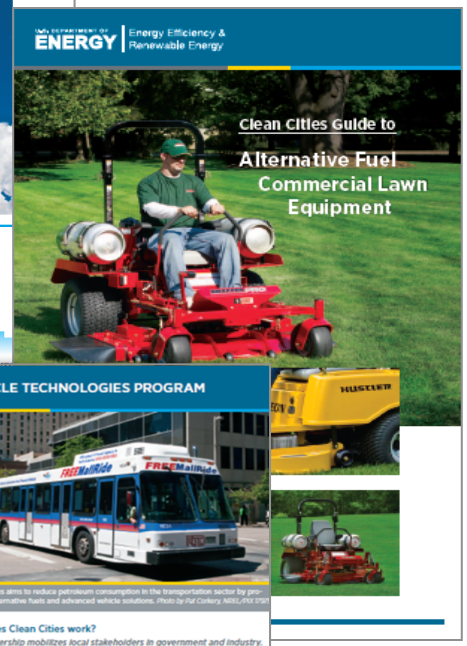
Trip Elimination
- Telecommuting
- Ridesharing

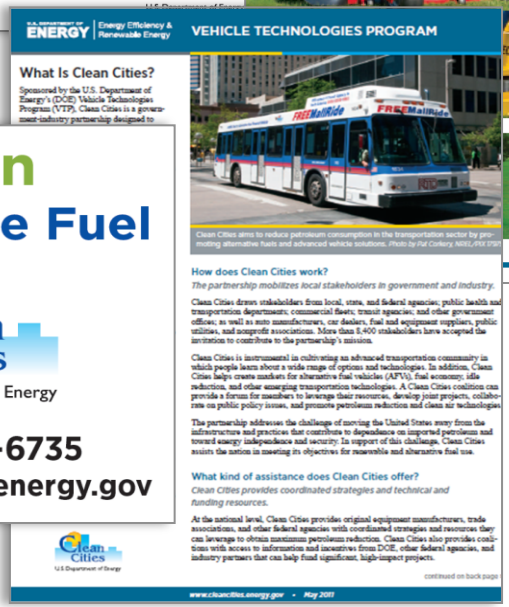
Alternative Fuels Data Center

Tools, Publications, and Resources

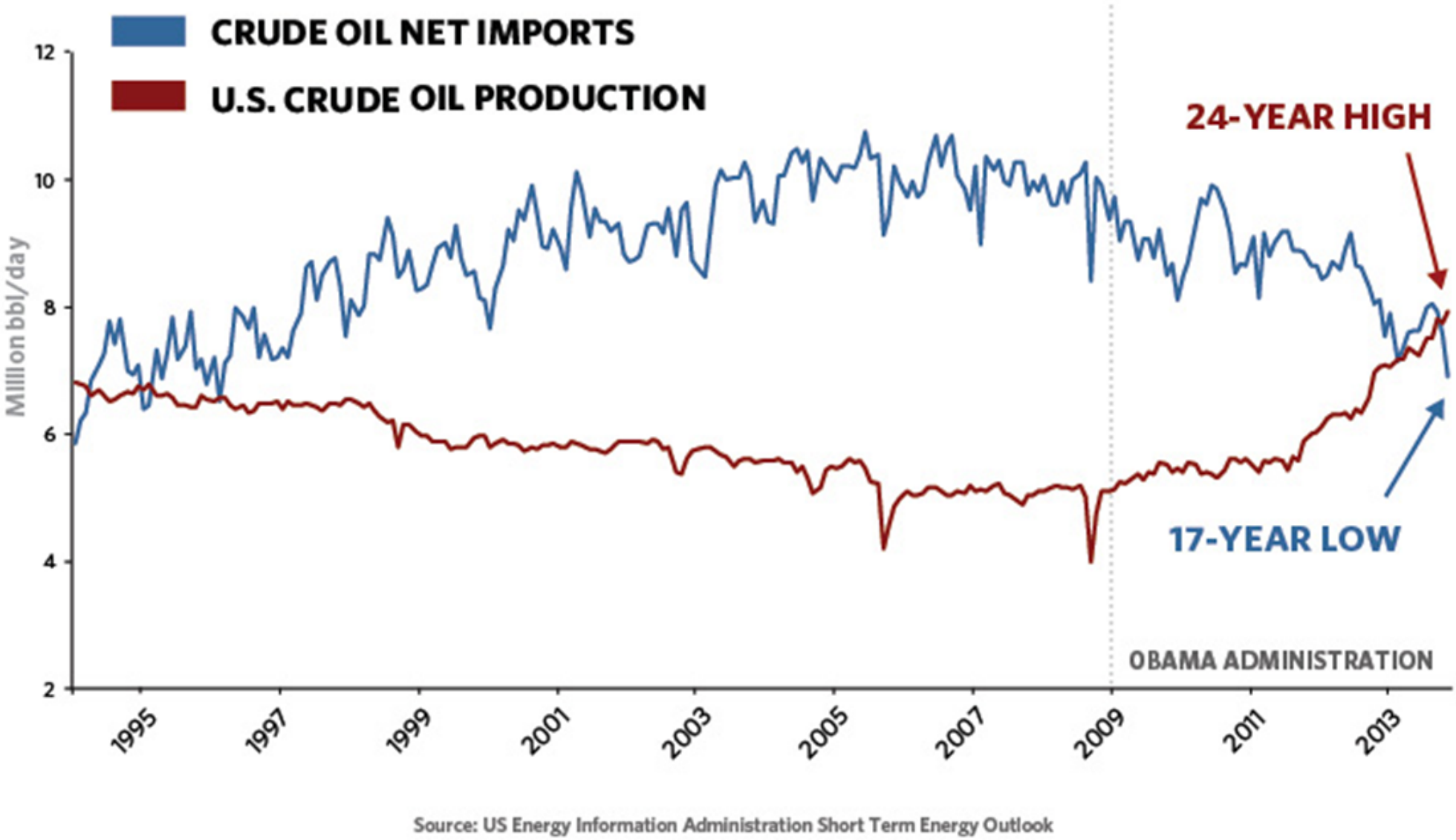




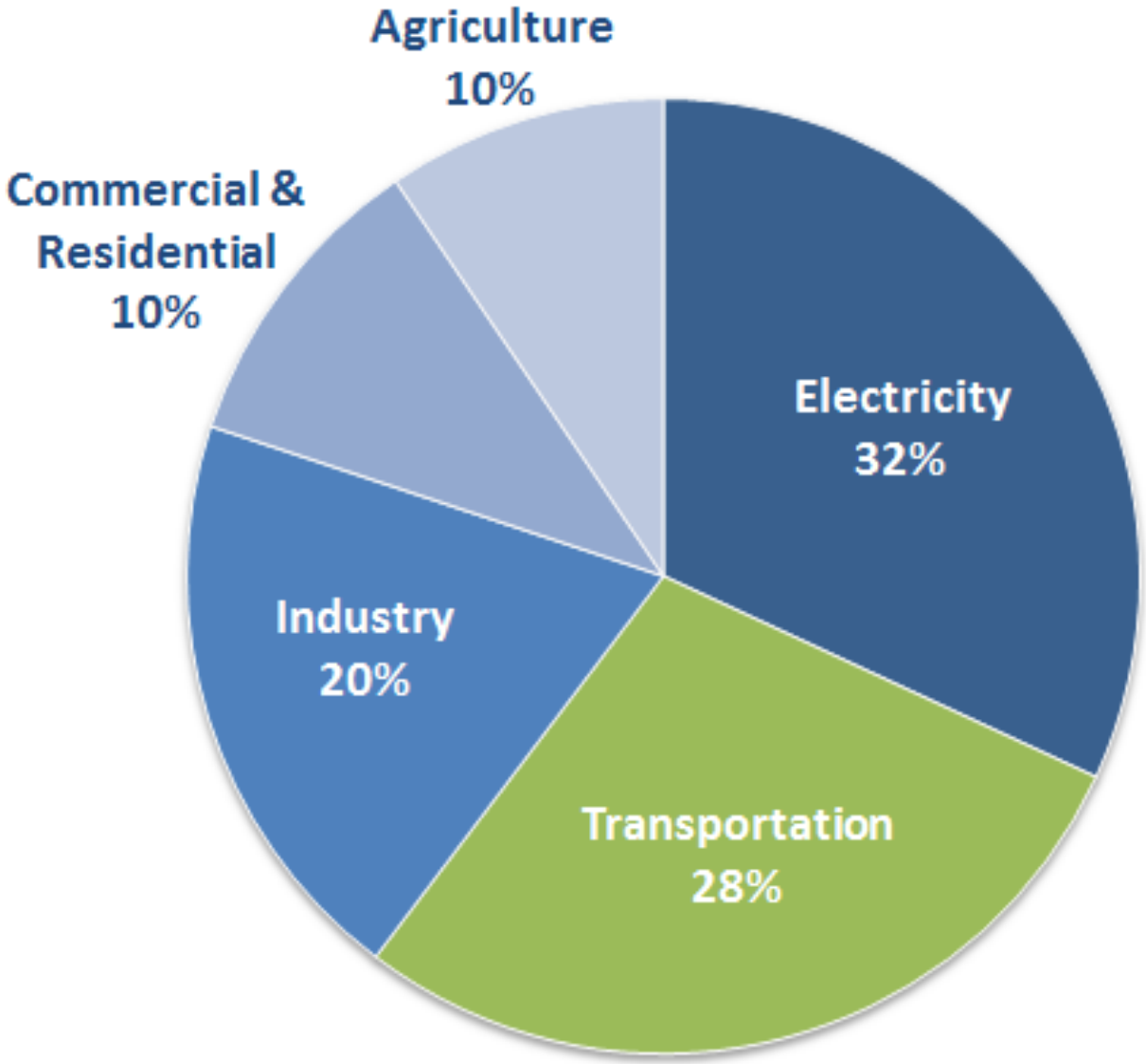




Crude Oil Imports vs US Production



Greenhouse Gas Emissions by Sector in 2012



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