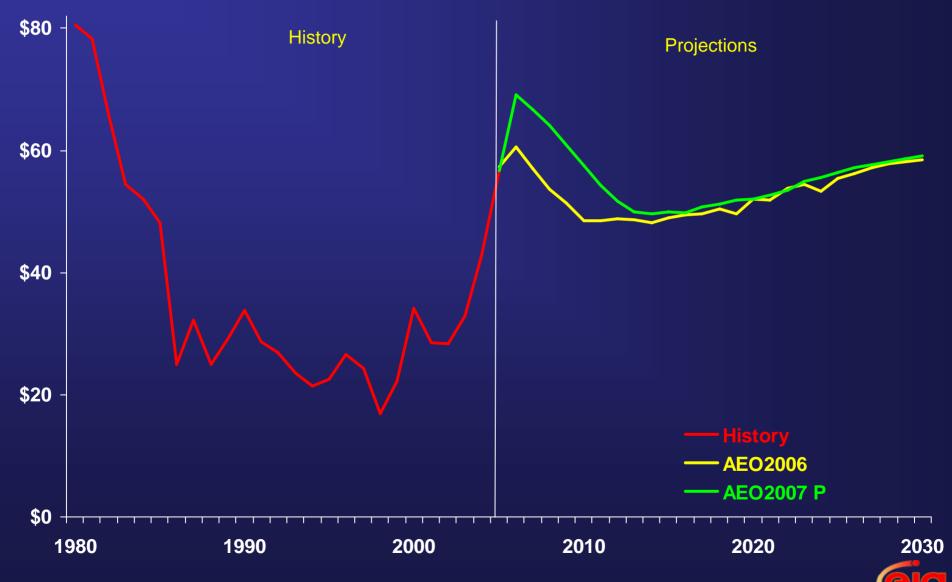
### Long-Term Outlook for Energy Markets

Guy Caruso, Administrator Energy Information Administration

> Future Fuels 2006 November 28, 2006 Washington, DC

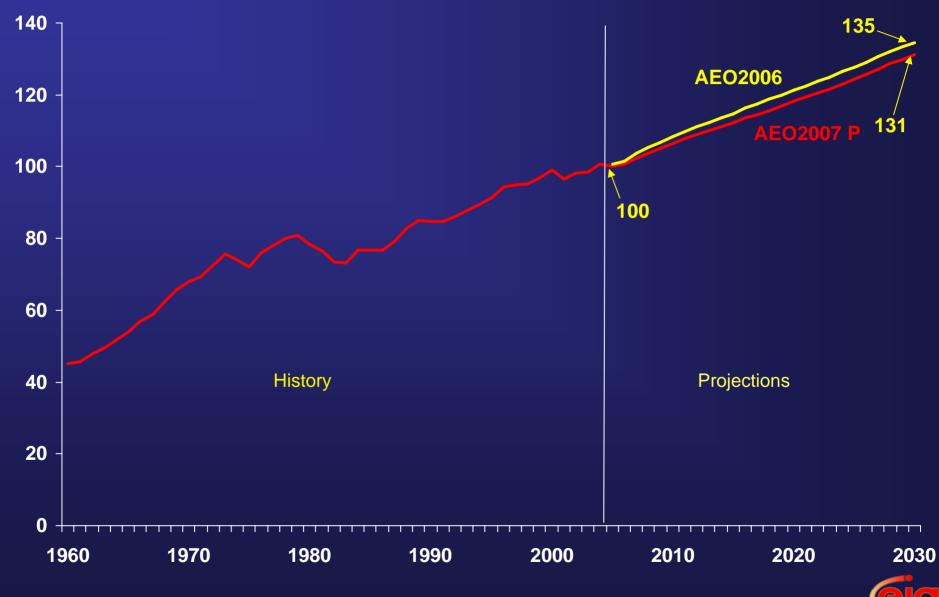


### World Oil Price, 1980-2030 (2005 dollars per barrel)

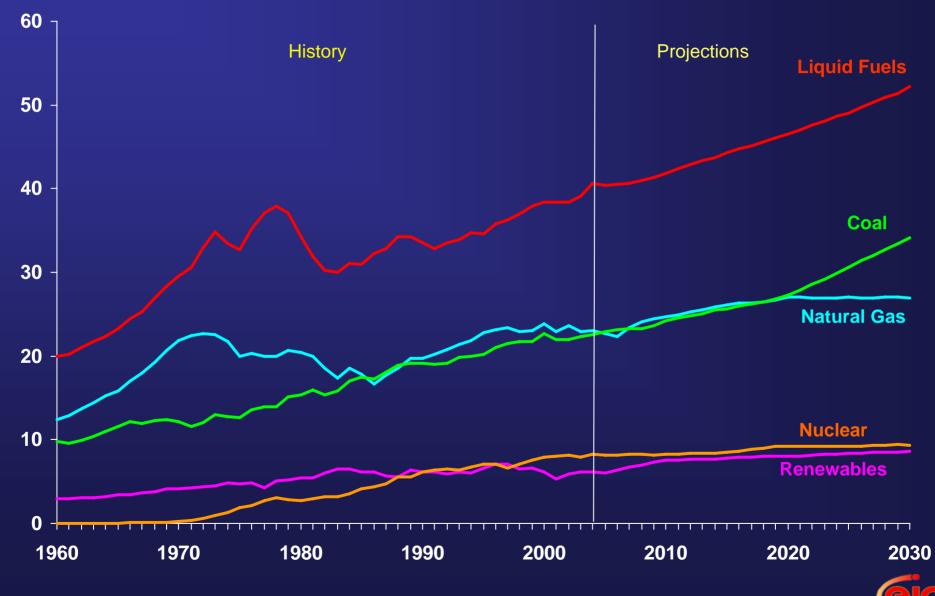


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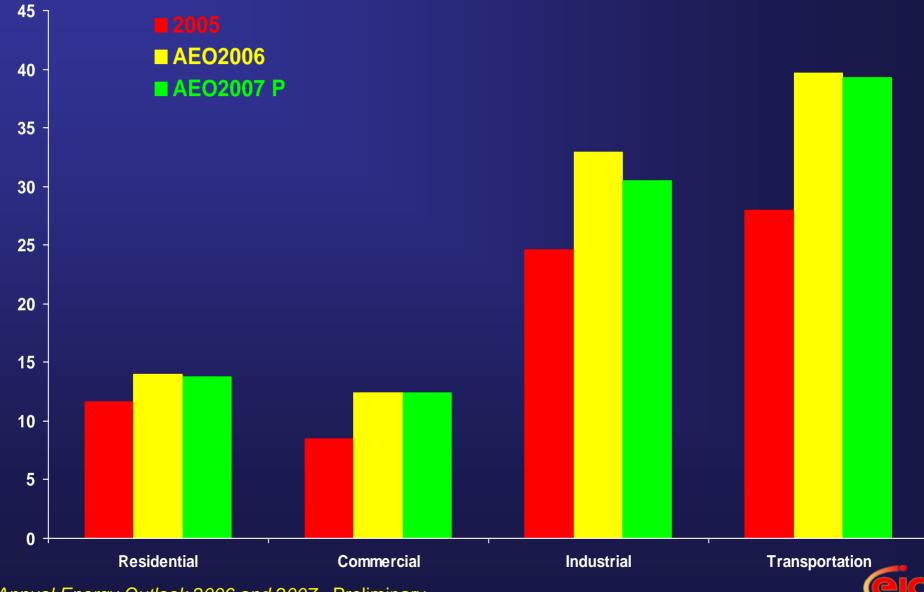
### U.S. Primary Energy Consumption, 1960-2030 (quadrillion Btu)



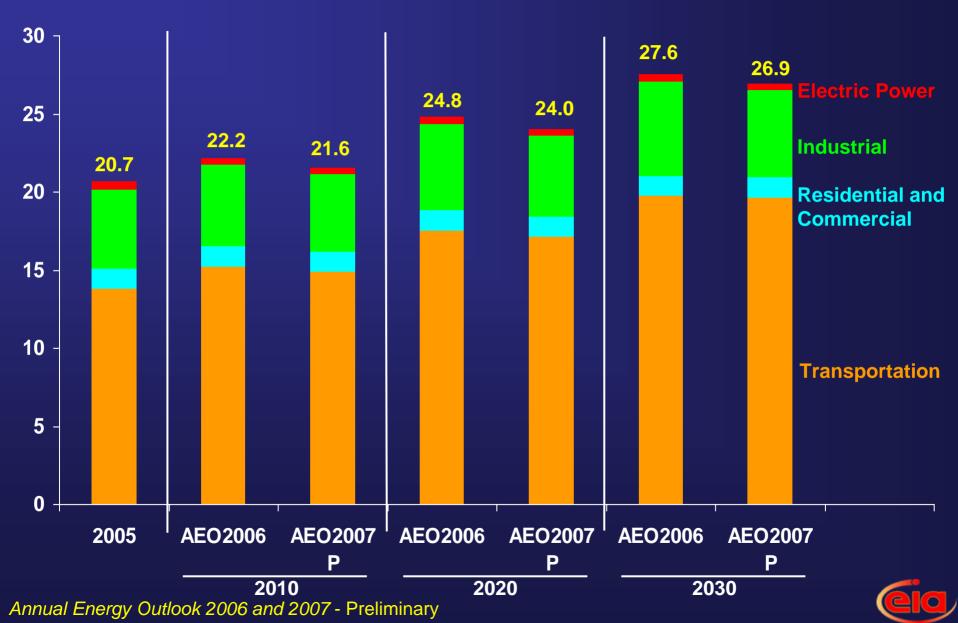
### U.S. Primary Energy Consumption by Fuel, 1960-2030 (quadrillion Btu)



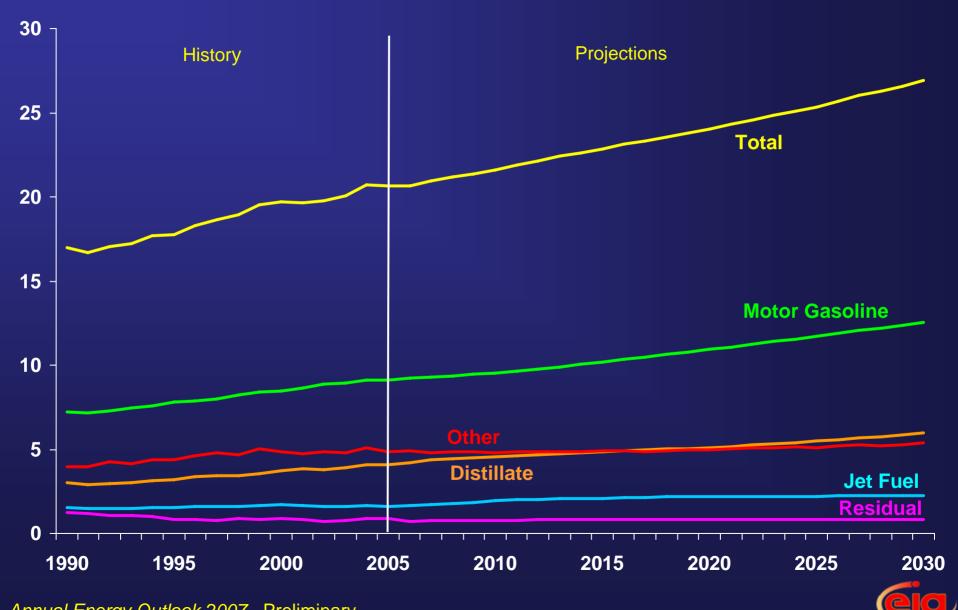
#### U.S. Delivered Energy Consumption by Sector, 2005 and 2030 (quadrillion Btu)



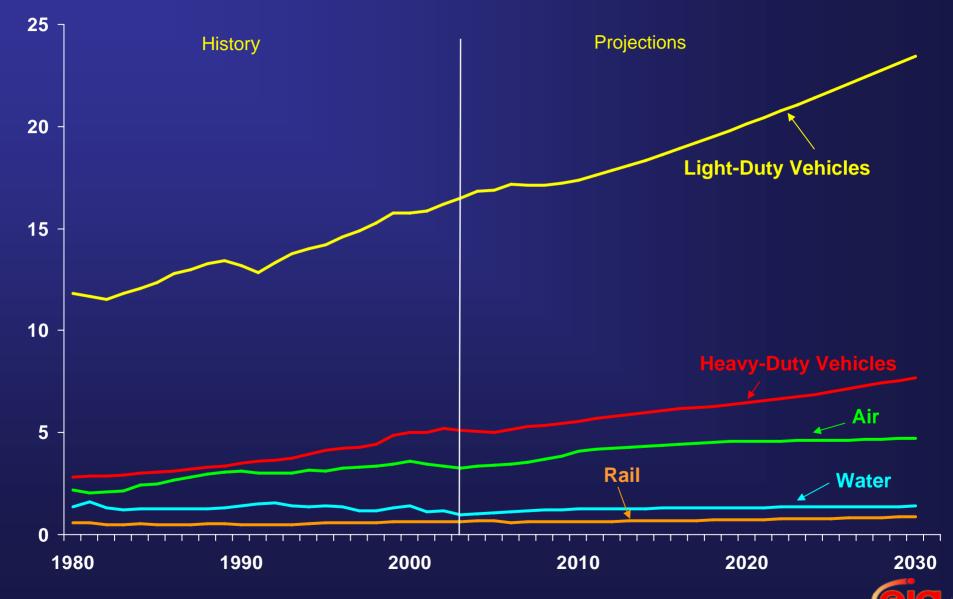
### U.S. Liquid Fuels Consumption by Sector, 2005, 2010, 2020, and 2030 (millions of barrels per day)



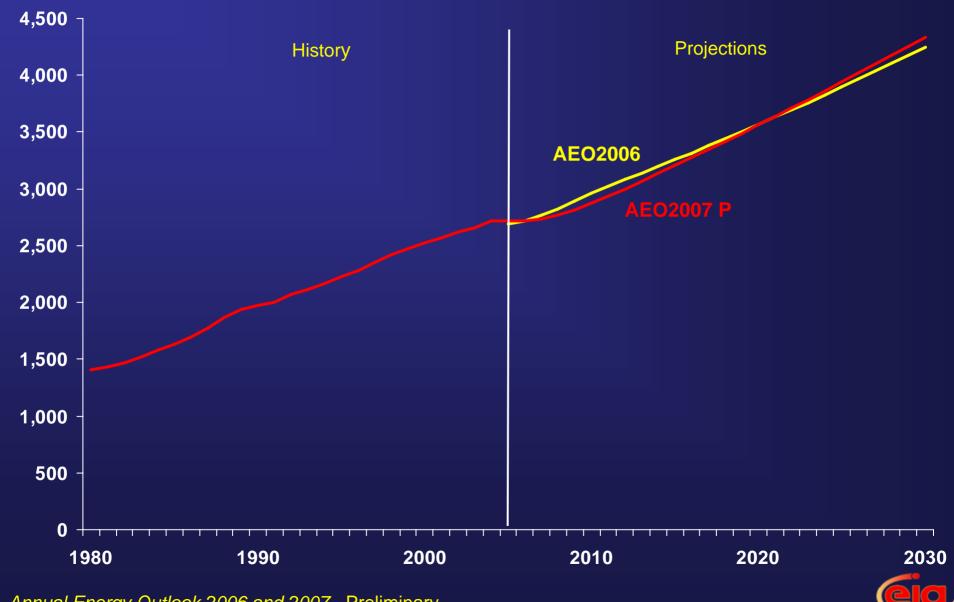
### U.S. Liquid Products Consumption, 1990-2030 (million barrels per day)



### U.S. Transportation Energy Consumption by Mode, 1980-2030 (quadrillion Btu)

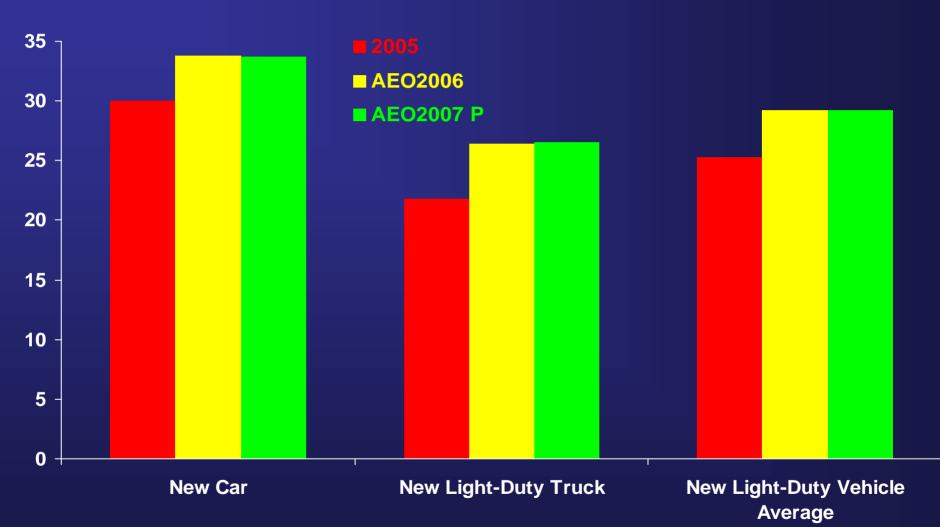


#### U.S. Light-Duty Vehicle Travel, 1980-2030 (billion vehicle miles traveled)



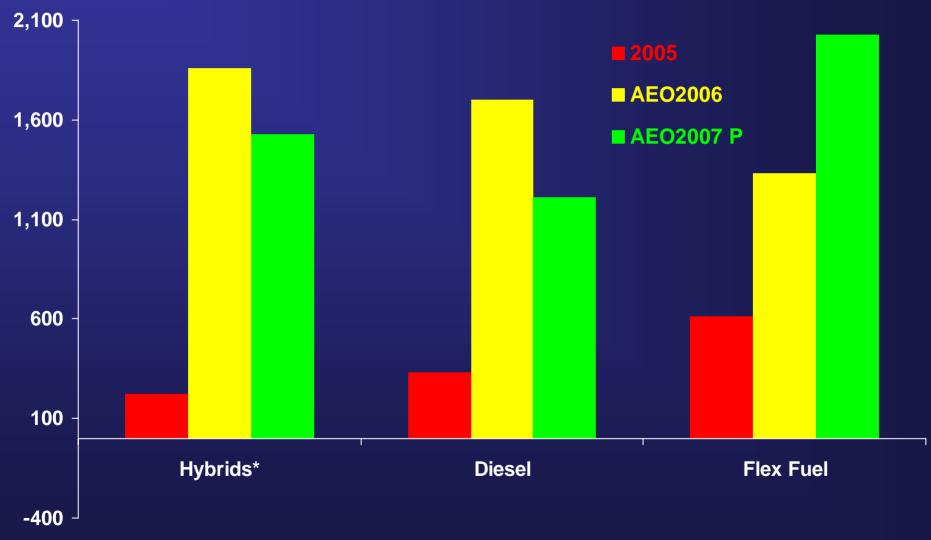
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# U.S. New Light-Duty Vehicle Efficiency, 2005 and 2030 (miles per gallon)



Note: Does not include impact of proposed increase in fuel economy standards based on vehicle footprint for light trucks.

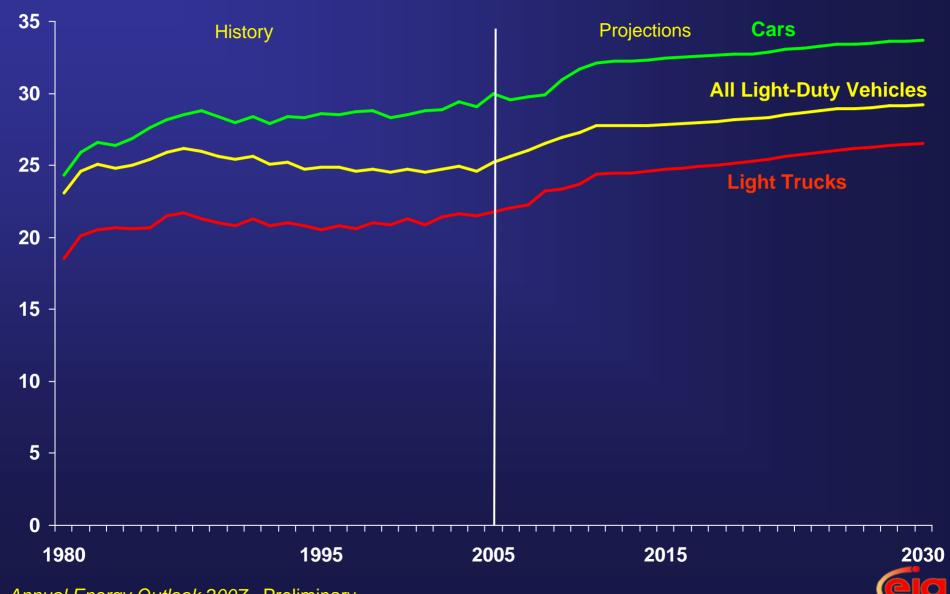
# U.S. Sales of Full Hybrid, Diesel, and Flex Fuel Vehicles, 2005 and 2030 (thousand units)



\*Only includes hybrids that provide tractive power to the vehicle.

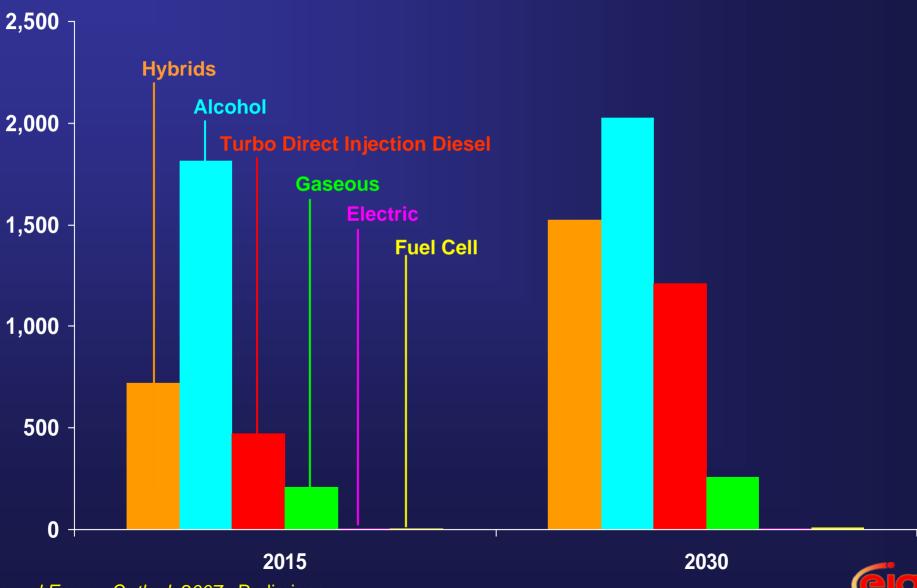


### Average Fuel Economy of U.S. New Light-Duty Vehicles, 1980-2030 (miles per gallon)

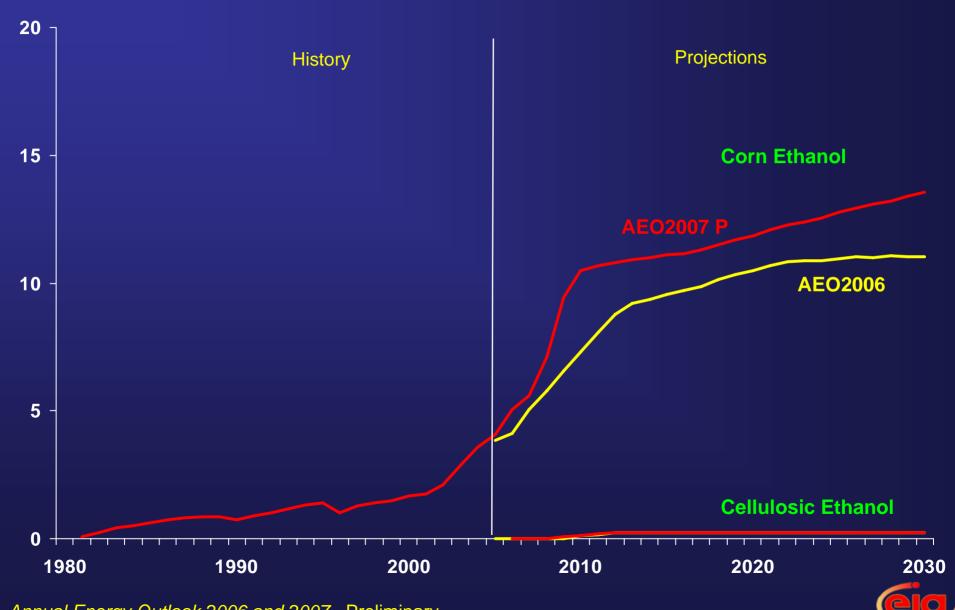


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### Sales of U.S. Non-Conventional Light-Duty Vehicles, 2015 and 2030 (thousand vehicles sold)

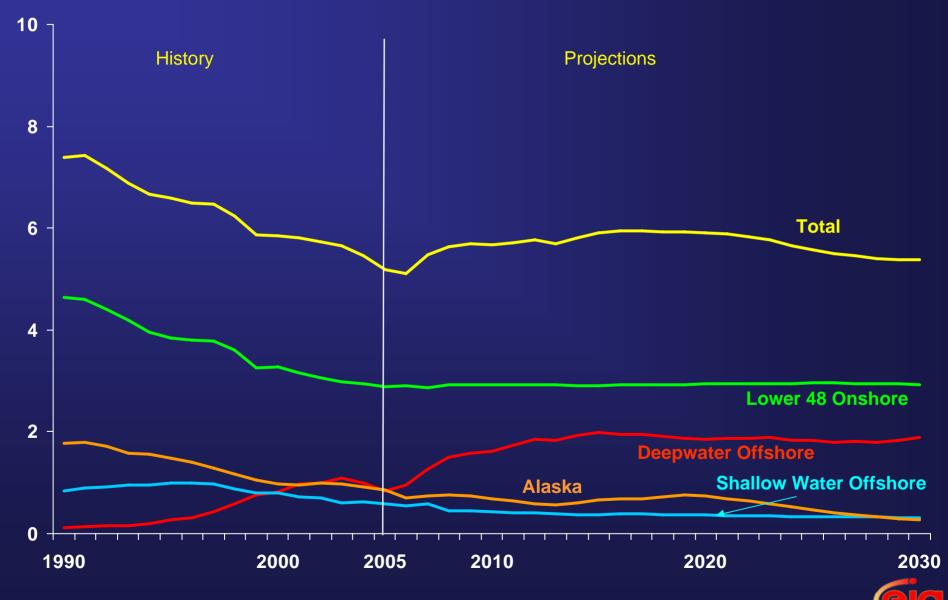


### U.S. Ethanol Production, 1981-2030 (billion gallons)

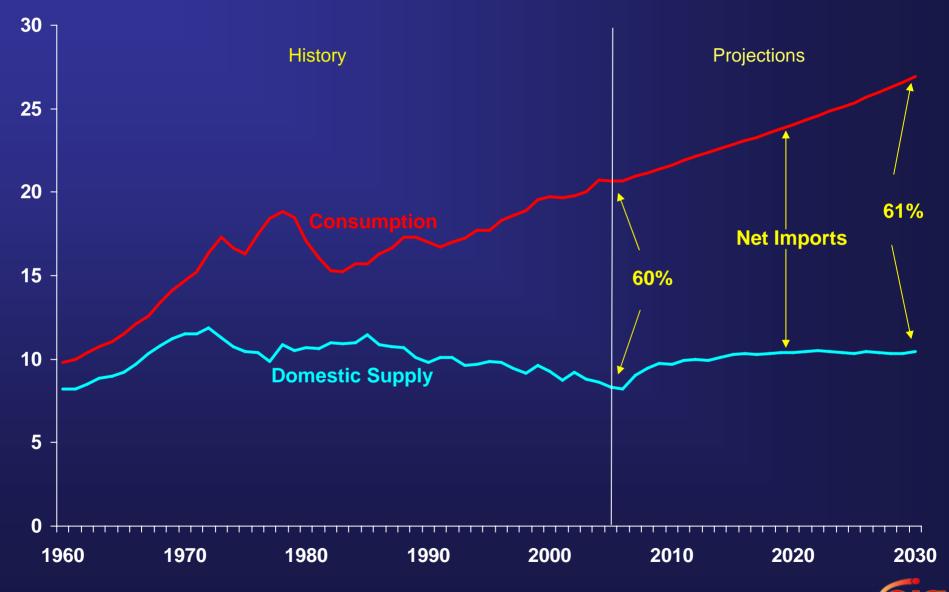


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### U.S. Crude Oil Production by Source, 1990-2030 (million barrels per day)



# U.S. Petroleum Supply, Consumption, and Net Imports, 1960-2030 (million barrels per day)



### **Periodic Reports**

Petroleum Status and Natural Gas Storage Reports, weekly Short-Term Energy Outlook, monthly Annual Energy Outlook 2007, reference case December 5<sup>th</sup>, report February 2006 International Energy Outlook 2006, June 2006

### **Examples of Special Analyses**

"Economic Effects of High Oil Prices," Annual Energy Outlook 2006 Analysis of Oil and Gas Production in the Arctic National Wildlife Refuge, March 2004

The Global Liquefied Natural Gas Market: Status and Outlook, December 2003 "Restricted Natural Gas Supply Case," Annual Energy Outlook 2005

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