# 2008 Summer Transportation Fuels Outlook

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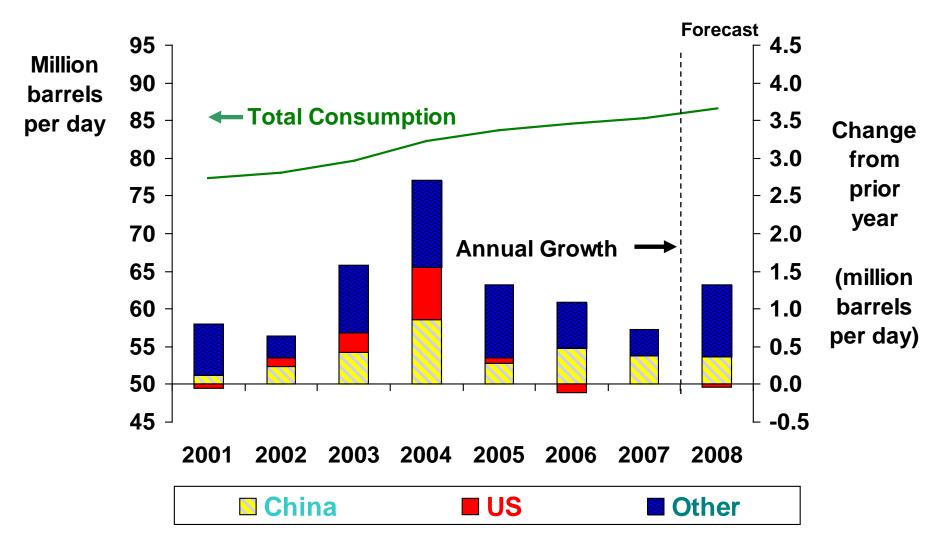


### **Key Factors Driving the Short-Term Forecast**

- 1) Rising world oil consumption
- 2) Low global surplus oil production capacity
- 3) Insufficient non-OPEC oil supply growth relative to demand
- 4) Supply concerns in international oil markets
- Together these factors contribute to high prices for petroleum products.



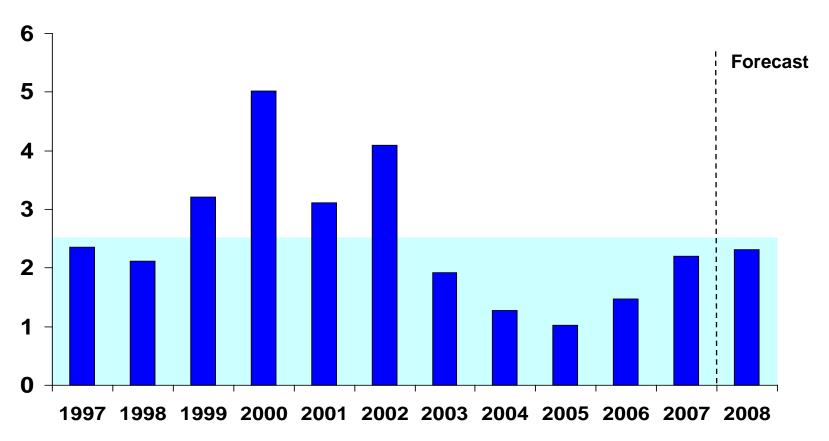
### World Oil Consumption Is Projected to Grow by 1.2 million bbl/d in 2008





#### World Oil Spare Production Capacity Is Projected to Increase, But Is Still Below Historical Norms this Year

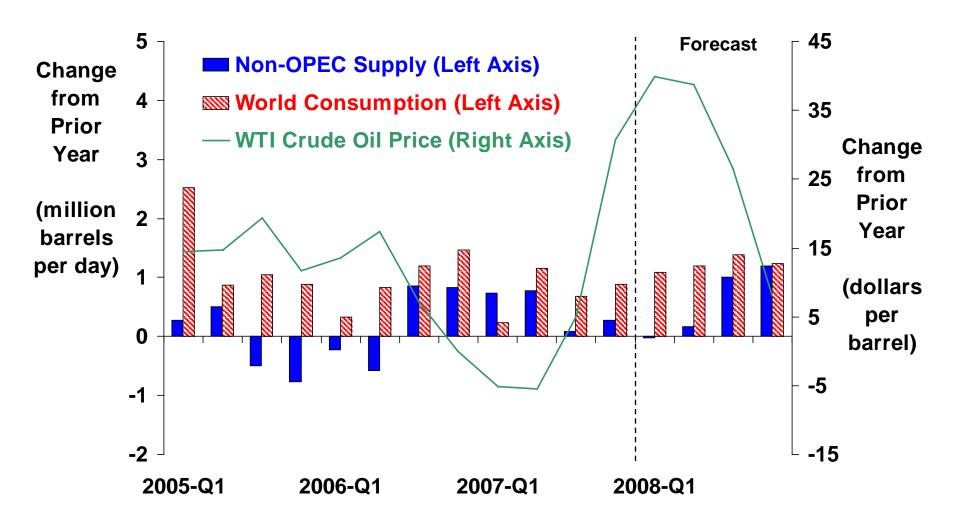
Million barrels per day



Note: Shaded area represents 1997-2007 average (2.5 million barrels per day)



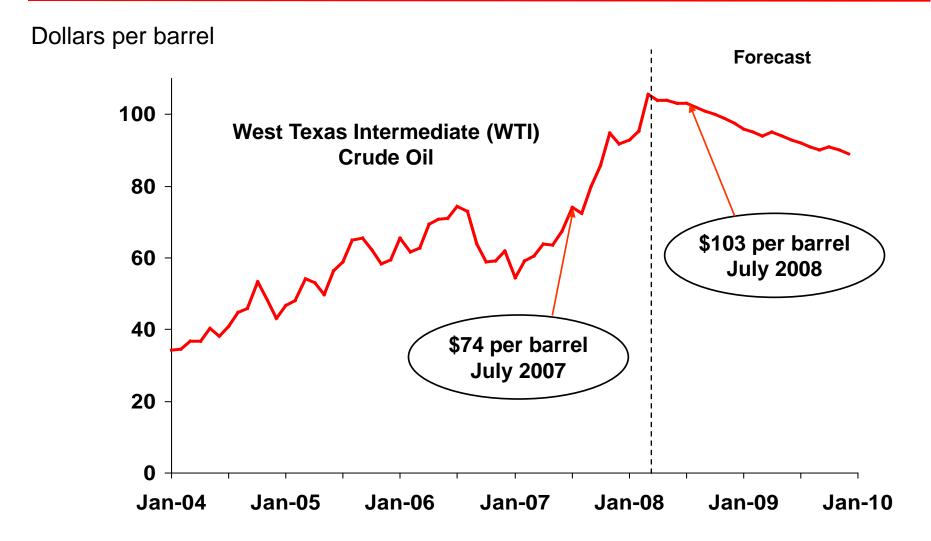
# The Balance Between Global Consumption and non-OPEC Supply Growth Drives Oil Prices





EIA, Short-Term Energy Outlook, April 2008

#### Crude Oil Prices Are Projected to Average \$103 per barrel this Summer



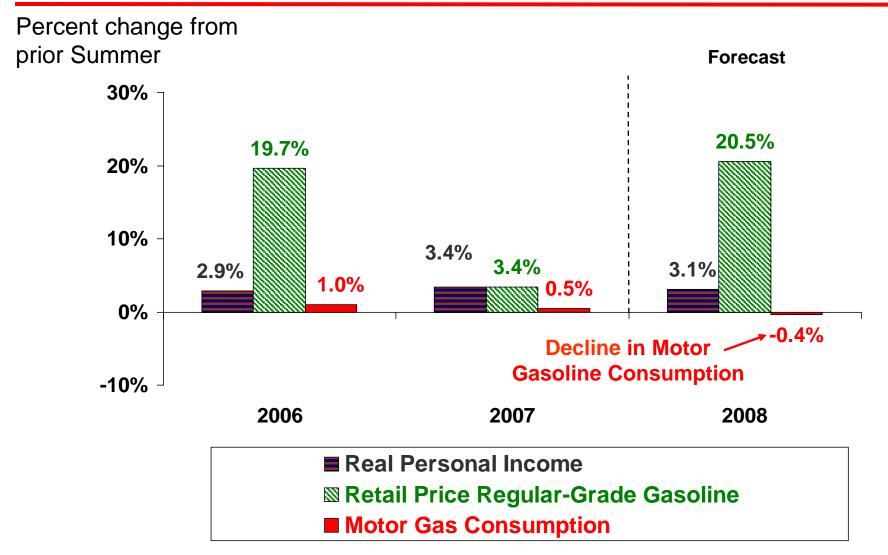


# Major Characteristics of 2008 U.S. Summer (April – September) Outlook for Gasoline

- Much higher crude oil prices
- Decline in gasoline consumption
- Surge in fuel ethanol production
- High gasoline inventory levels
- Lower imports and production from crude oil
- Weaker refining margins for gasoline



### Sustained Higher Gasoline Prices Begin to Show Up In Lower Gasoline Consumption

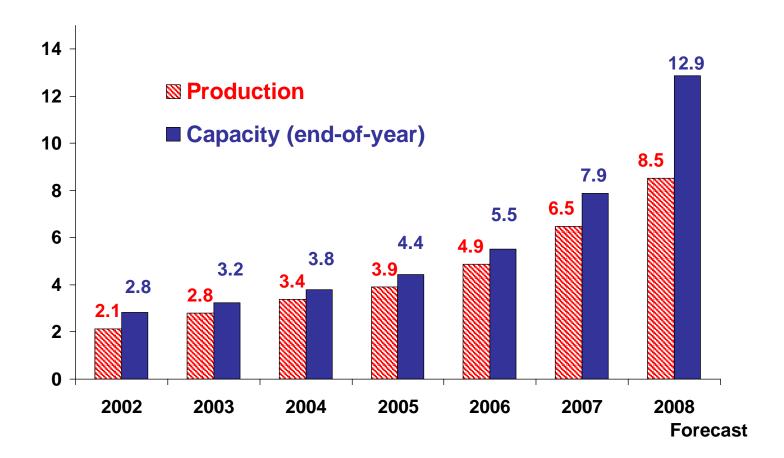




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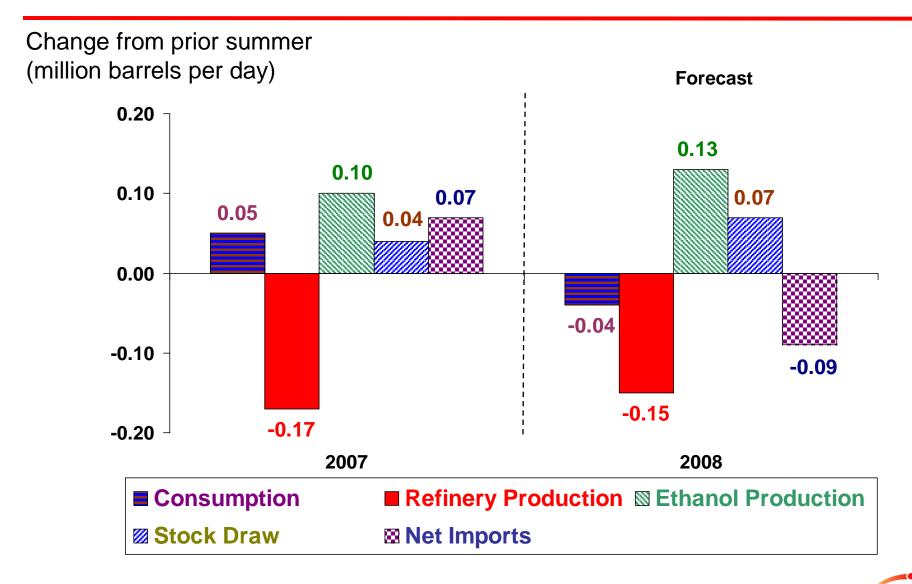
#### Ethanol Production and Capacity Are Expected to Show Significant Growth in 2008

Billion gallons per year



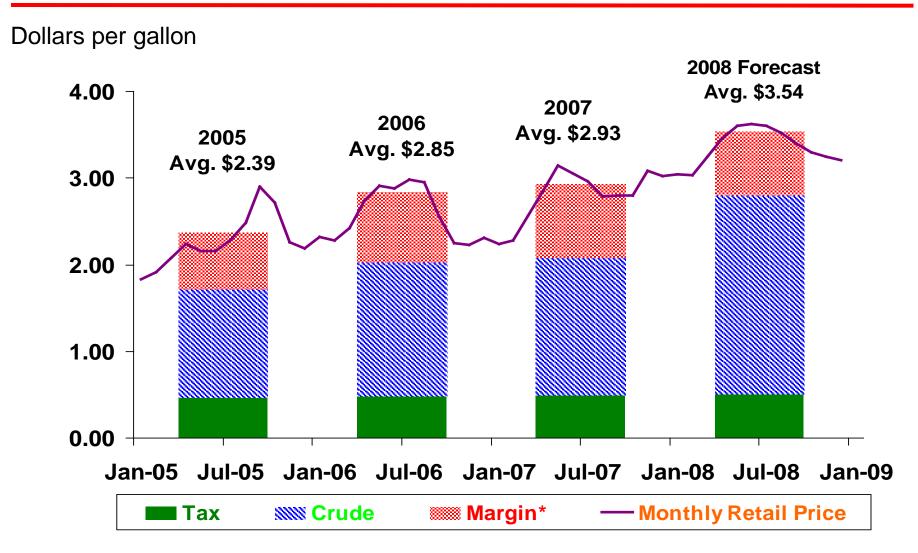


#### High Gasoline Inventories and Ethanol Production Growth Reduces Refinery Production and Imports



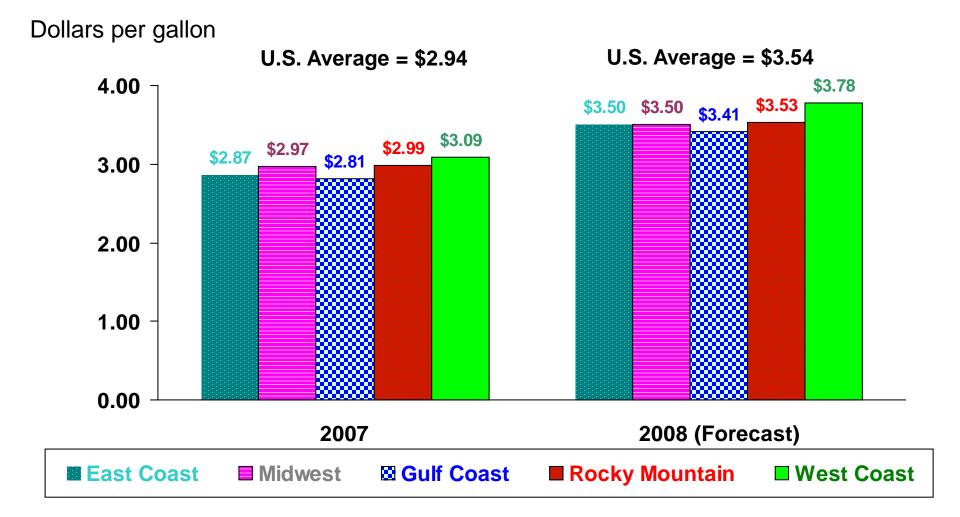


#### Summer Retail Regular-Grade Gasoline Prices Projected to Average \$3.54 per Gallon





#### **Regular Gasoline Summer Prices Vary by Region**

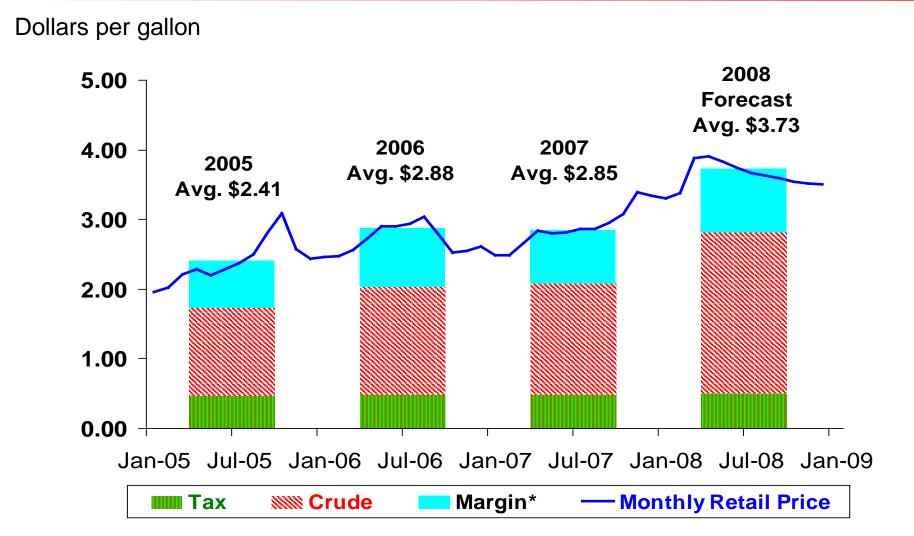


Summer = April through September average

EIA, Short-Term Energy Outlook, April 2008



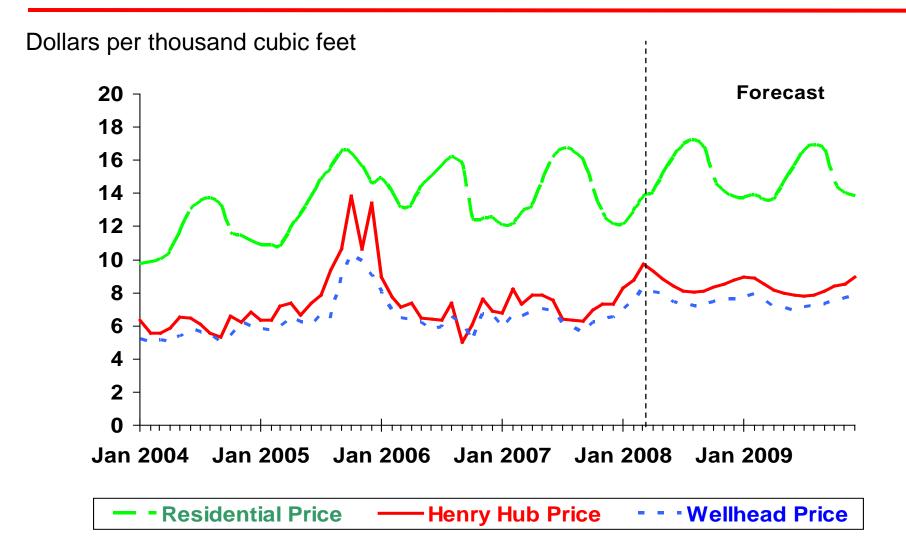
#### Summer Retail Diesel Prices Are Projected to Average \$3.73 per gallon, up 88 cents from Last Summer



\* Retail price minus crude oil cost minus taxes, per gallon

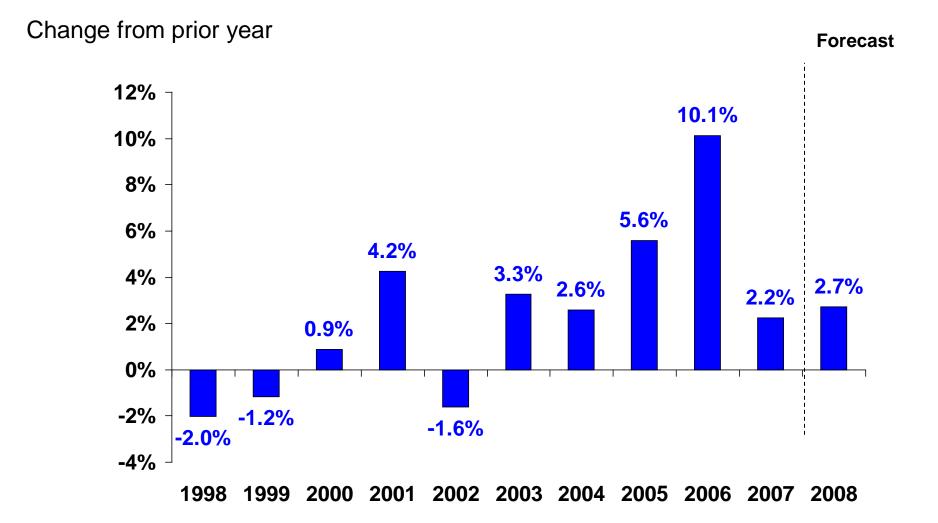


## **Higher 2008 Natural Gas Spot Prices Are Projected**





### **Growth in U.S. Residential Electricity Prices Is Expected to Pick Up Slightly During 2008**





# Summary

- Oil and Gasoline: Growing world oil demand outside the United States continues to keep crude oil prices high.
  - Crude oil expected to remain near \$100 for the rest of 2008;
  - Gasoline prices are expected to average \$3.54 per gallon over this summer: Diesel prices expected to average \$3.73.
  - Market uncertainties are many and may significantly impact prices and supplies during the rest of 2008.
- Natural Gas. Henry Hub spot price expected to average \$8.59 per thousand cubic feet in 2008, \$1.42 above the 2007 average.
- Electricity Prices. Residential electricity prices projected to grow at a slightly faster rate in 2008.

