Weekly U.S. Gasoline Consumption

Source: Energy Information Administration
Weekly U.S. Gasoline Consumption

Source: Energy Information Administration
FUEL PRICES

- Regular: $3.19
- Mid Grade: $3.49
- Premium: $3.89
- Auto Diesel: $3.59
- E85: $2.59
- E15: $2.99

Fuel prices current as of 07/12/2021 5:38 PM.
Monthly U.S. Ethanol Exports

Exports to Rest of World  Exports to China

Source: U.S. Census Bureau
President Biden said he will “promote and advance renewable energy, ethanol and other biofuels.”

On SREs, Biden said, “Those waivers are a gigantic mistake. We should not be exempting these major companies.”
Three “Pillars” of the Tenth Circuit Court Decision on SREs

• EPA may only “extend” exemptions for small refineries that have been continuously exempted from RFS obligations (overturned)

• EPA may only grant exemptions to small refineries if their claimed economic hardship is solely caused by the RFS

• EPA must reconcile its repeated findings that refiners of all sizes pass compliance costs through to wholesale customers
“We have to move toward net zero emissions.”
— President Joe Biden

GHG Reduction Targets

- 50-52% GHG emissions reduction by 2030*
- 100% GHG emissions reduction by 2050

* Compared to 2005 levels
Cars, Vans, SUVs, and Pickups on the Road

Percentage that are Battery or Plug-in Hybrid Electric

266,941,000

79% of New Cars Sold in U.S. in 2050 Will Run on Liquid Fuels
“Data from satellite sensors show that during the Northern Hemisphere's growing season, the Midwest region of the United States boasts more photosynthetic activity than any other spot on Earth.”

“Corn plants are very productive in terms of assimilating carbon dioxide from the atmosphere.”

Source:
Global and time-resolved monitoring of crop photosynthesis with chlorophyll fluorescence
PNAS April 8, 2014 111 (14) E1327-E1333; first published March 25, 2014 https://doi.org/10.1073/pnas.1320008111
46%
Average Reduction in GHG Emissions Compared to Gasoline Today

70%
Average GHG Reduction Expected by 2025

100%+
GHG Reduction Possible by 2030-2035 (“Net Zero”)

RFA
California LCFS GHG Reductions by Fuel Type, 2011-2020

- Ethanol, 26.9, 35%
- Renewable Diesel, 20.9, 27%
- Biodiesel, 11.5, 15%
- Biogas, 5.7, 7%
- Fossil NG, 1.3, 2%
- Electricity LDV, 7.0, 9%
- Other Electricity, 3.1, 4%
- Other, 0.9, 1%

Source: California Air Resources Board
State Activity on Low Carbon Fuel Standards/Clean Fuel Programs (LCFS/CFP)

- Program implemented
- CFP legislation passed
- CFP legislation introduced
- Active discussion on CFP development
Thank You!