Essential Energy
State of the U.S. Ethanol Industry

Geoff Cooper
President and CEO

2021 National Ethanol Conference
U.S. Weekly Retail Sales of Hand Sanitizer

Supply Chain Recovery and High Need

Panic Buying

Out-of-Stocks

Source: Information Resources Inc.
“Critical infrastructure describes the physical and cyber systems and assets that are so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters.”
Sources: RFA, U.S. Energy Information Administration, U.S. Census Bureau, U.S. Department of Commerce
“We have to move toward net zero emissions. The first place to do that by the year 2035 is in energy production...”

— President Joe Biden
Sources of U.S. Greenhouse Gas Emissions

- Transportation: 1,883 million metric tons (28%)
- Electricity Generation: 1,799 million metric tons (27%)
- Industry & Manufacturing: 1,471 million metric tons (22%)
- Agriculture: 659 million metric tons (10%)
- Commercial: 443 million metric tons (7%)
- Residential: 376 million metric tons (6%)

Source: U.S. Environmental Protection Agency
Annual GHG Emissions for Different Vehicle and Fuel Combinations

Source: RFA analysis using Department of Energy data; based on annual vehicle miles traveled of 11,824 (AFDC)
EIA: Liquid fuels continue to dominate transportation sector through 2050

Light-duty vehicle sales by technology/fuel
millions of vehicles

Transportation sector consumption by fuel
quadrillion British thermal units

Source: Energy Information Administration, 2021 Annual Energy Outlook
“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.”

"The RFS is definitely a priority for this administration."

"President Biden has not been shy that agriculture will have a seat at the table as we tackle climate, and he’s been specifically focused on biofuels…"

— Michael Regan, EPA Administrator Designee
“We need to make sure we’re all driving good cars by increasing fuel efficiency and requiring that every car sold in the United States is a flexible fuel vehicle, or FFV, that can run on alternative fuel like E-85.”

— Sen. Joe Biden (D-DE), Foreign Relations Committee, 2006