

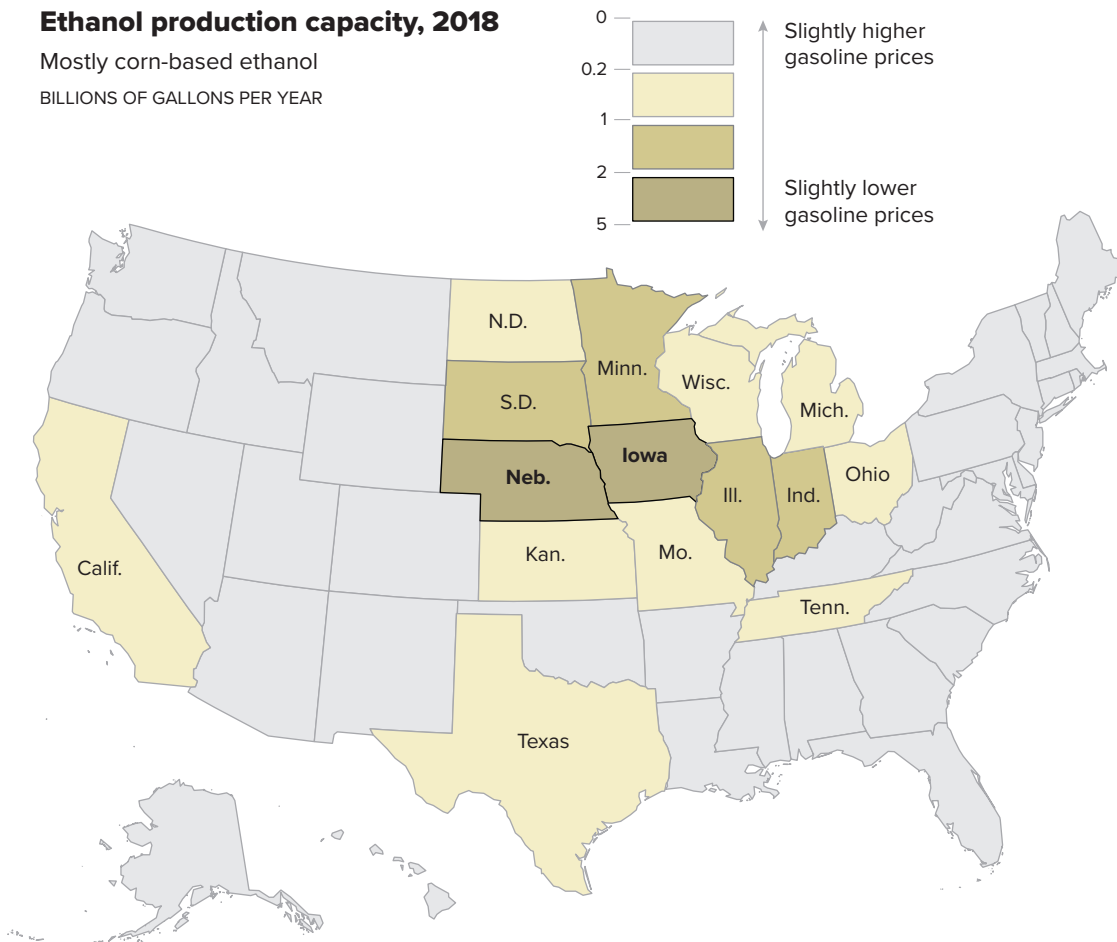
June 10, 2019

## GAO: RFS slightly alters gas prices, has little effect on GHG emissions

According to a GAO report, the renewable fuel standard slightly lowered gasoline prices in states producing large amounts of ethanol and modestly increased prices in other states — largely because of the cost of transporting and storing ethanol to satisfy RFS blending requirements, but those effects have diminished over time. The report says the RFS has had little effect on reducing carbon emissions. The original RFS mandate called for production of cellulosic biofuel to be much higher but the technology has not met expectations. Advanced biofuels — not made from corn starch — produce about half the greenhouse gas emissions of petroleum fuels.

### Ethanol production capacity, 2018

Mostly corn-based ethanol  
BILLIONS OF GALLONS PER YEAR



Sources: GAO, EPA, EIA, Nebraska Energy Office

### Adjusted standards for advanced biofuels

As legislated, the RFS set ambitious targets for advanced biofuel production, which includes cellulosic ethanol, biomass-based diesel and biogas, among others.

#### Legislated standards

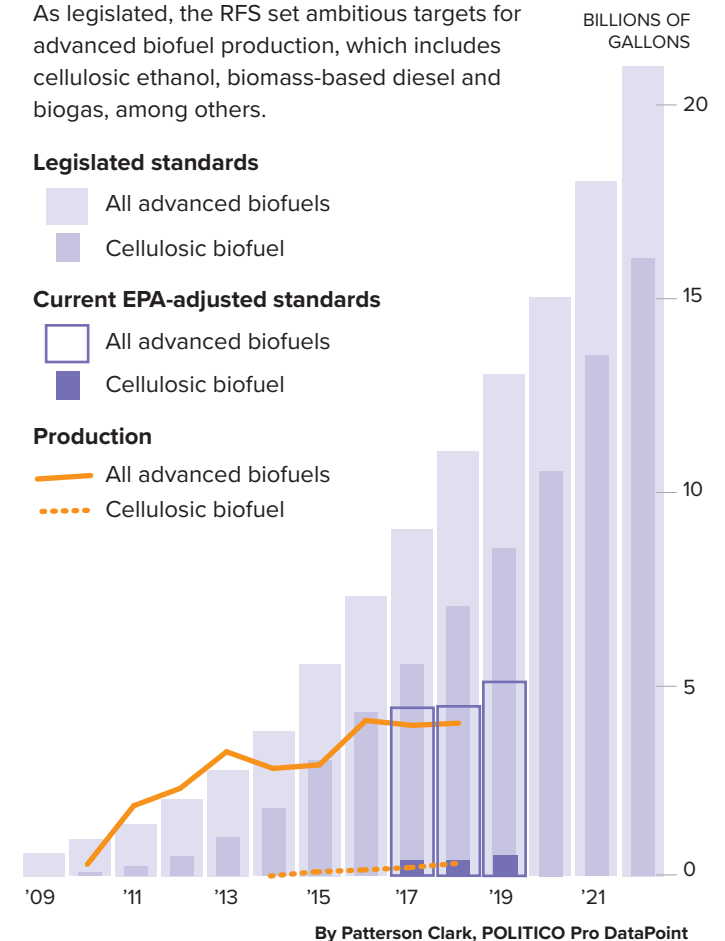
- All advanced biofuels
- Cellulosic biofuel

#### Current EPA-adjusted standards

- All advanced biofuels
- Cellulosic biofuel

#### Production

- All advanced biofuels
- Cellulosic biofuel



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