

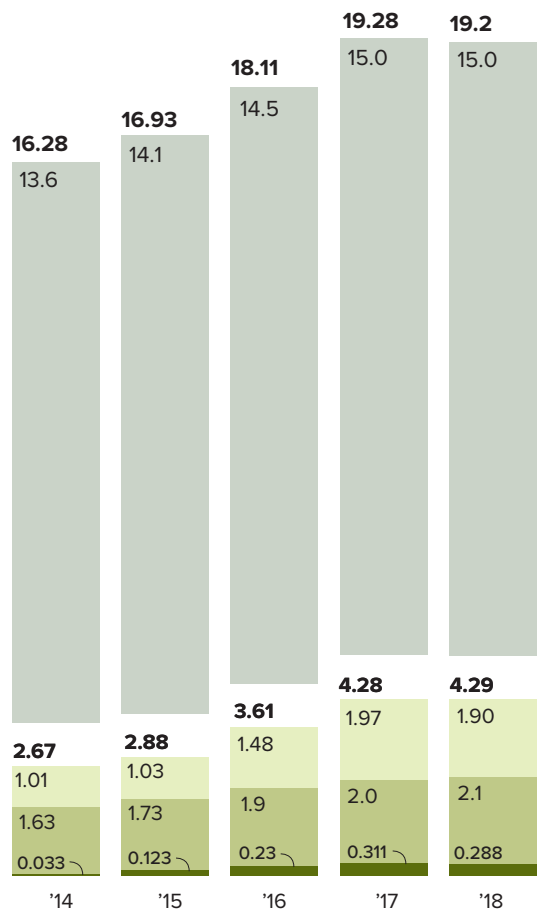
Dec. 4, 2018

## Renewable Fuel Standards for 2019

Although corn farmers, lawmakers and biofuel producers applauded EPA for finalizing a the maximum ethanol requirement, they're frustrated that EPA did not re-assign gallons lost to waivers granted to small refiners. The Trump administration let small refiners off the hook, removing 2.2 billion gallons from the 2016 and 2017 mandates.

### Renewable fuel volume requirements

IN BILLIONS OF GALLONS



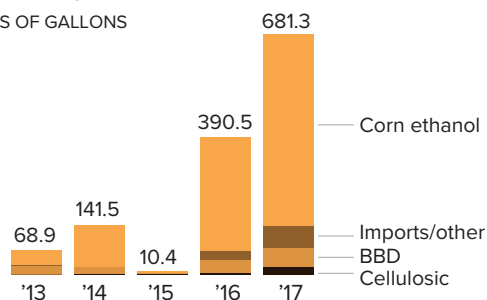
### Total renewable fuel obligations

19.92

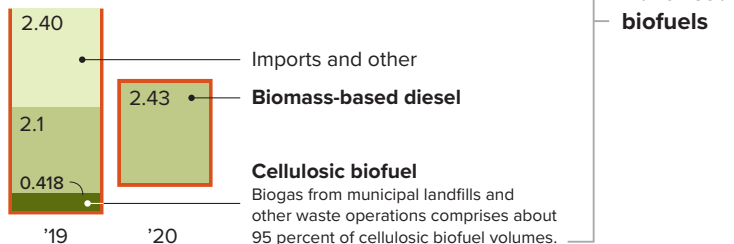
Recently announced RFS obligations boost requirements for advanced biofuels, including cellulosic biofuels and biomass-based diesel, and sets BBD requirements for 2020. But if obligated parties do not comply, by retiring enough RINs to meet an RVO, the result is a compliance deficit:

### End-of-year compliance deficits

IN MILLIONS OF GALLONS



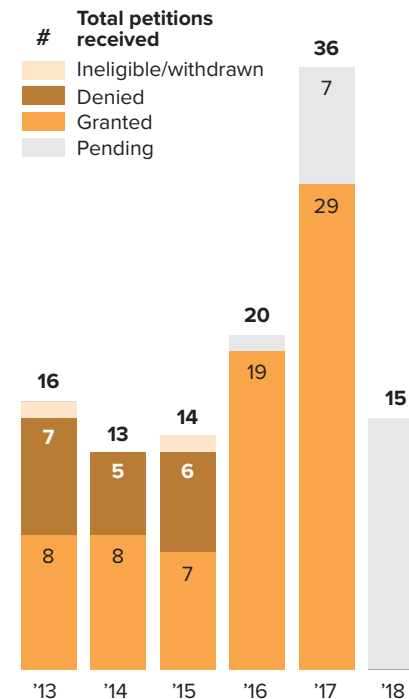
### 4.92 Total advanced biofuels



### Small refinery exemptions

Beginning in 2013, small refineries could petition EPA for an exemption from their RFS obligations, which EPA might grant if a small refinery demonstrates disproportionate economic hardship.

BY COMPLIANCE YEAR



Sources: EPA, office of Sen. Amy Klobuchar, office of Sen. Chuck Grassley, POLITICO staff reports