

Greenhouse Gas Rules Phase 2: Fuel Consumption Standards for Combination Tractors



	DAY CAB		SLEEPER CAB
	CLASS 7	CLASS 8	CLASS 8
2021 Model Year Gallons of Fuel per 1,000 Ton-Mile			
Low Roof	10.36	7.91	7.10
Mid Roof	11.12	8.39	7.66
High Roof	11.15	8.41	7.44
2024 Model Year Gallons of Fuel per 1,000 Ton-Mile			
Low Roof	9.80	7.49	6.68
Mid Roof	10.52	7.95	7.22
High Roof	10.47	7.90	6.94
2027 Model Year Gallons of Fuel per 1,000 Ton-Mile			
Low Roof	9.45	7.21	6.30
Mid Roof	10.16	7.66	6.84
High Roof	9.82	7.44	6.32

SOURCE: EPA OFFICE OF TRANSPORTATION AND AIR QUALITY

Phase 2 of the heavy-duty truck greenhouse gas emissions and fuel efficiency standards mandated by the EPA and NHTSA are projected to lower CO₂ emissions by approximately 1.1 billion metric tons. Fuel consumption will decline as the new rules become tighter.

Top States for Public Alternative Fueling Stations

FUEL TYPE	STATE	NUMBER OF STATIONS
Biodiesel	Oregon	60
CNG	California	169
E85	Minnesota	408
Electric	California	5,242/20,958*
Hydrogen	California	41
LNG	California	19
LPG	Texas	409
Total Stations	California	21,588

Aside from the 41 hydrogen fueling stations in California, only five other states offer this type of fuel, with only one station available per state.

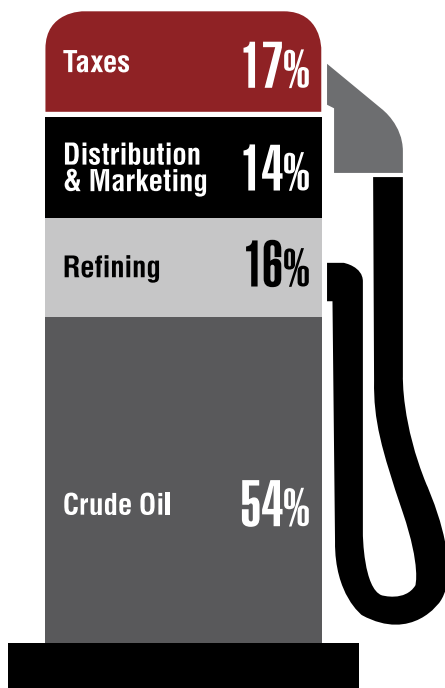
*Stations vs. charging outlets

SOURCE: U.S. DEPARTMENT OF ENERGY, AS OF JUNE 2019

What We Pay for in a Gallon of:

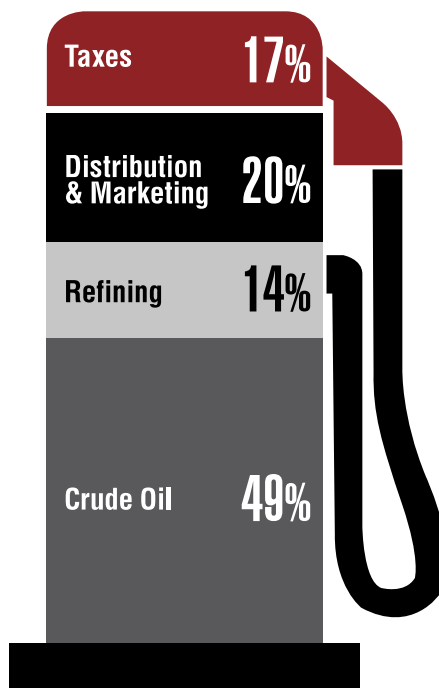
Regular Gasoline (May 2019)

Retail Price: \$2.86/gallon



Diesel (May 2019)

Retail Price: 3.16/gallon



The price of crude oil has increased since last year, with regular gasoline increasing 10% and diesel only seeing an increase of 1%, according to the DOE's cost breakdown. Taxes, distribution/marketing, and refining costs have all decreased, with the only exception being a 3% increase in diesel distribution/marketing.

SOURCE: U.S. DEPARTMENT OF ENERGY