

Propane Autogas On-Road Market Facts

Commercial Fleet Vehicles

- There are nearly 58,000 vehicles fueled by propane autogas, including buses, taxis, delivery vehicles, and other fleet vehicles, across the United States.
- Worldwide, nearly 27 million vehicles were fueled by propane autogas in 2016.
- Propane autogas vehicles can produce up to 22 percent fewer greenhouse gas emissions than gasoline vehicles throughout the full fuel cycle.
- Propane autogas reduces particulate matter emissions by up to 45 percent compared to electric vehicles throughout the full fuel cycle.
- “Ultra-low NOx” propane autogas engines have the lowest nitrogen oxide (NOx) emissions on the market, with emissions that are 98 percent lower than Environmental Protection Agency (EPA) standards.
- Propane autogas vehicles have power comparable to gasoline-fueled vehicles. Consumers will not experience any losses in fuel economy (per gasoline gallon equivalent) when switching from gasoline-fueled vehicles to propane autogas vehicles.
- Propane autogas vehicles have the lowest total cost-of-ownership due to reduced fuel costs and lower maintenance costs compared to other fuels.
- Propane autogas vehicles are less expensive to purchase than electric and compressed natural gas vehicles.
- Propane autogas refueling infrastructure is the most affordable of all fuels and there are customizable options for fleets of every size.

School Buses

- Since 2012, propane autogas school bus registrations have increased by more than 960 percent, with more than 20,240 propane autogas school buses on the road nationwide.
- 1.2 million students are now transported safely to school and home each day across the country on propane autogas school buses by 1,020 school districts and bus contractors in 48 states.
- Districts in 22 of the 25 largest metro areas are now using propane autogas school buses.
- In 2017, propane autogas was the most popular alternative fuel among new school bus registrations, in a category that includes propane, electric, CNG, and gasoline.
- Propane autogas school buses using ultra-low nitrogen oxide (NOx) engines are 96 percent cleaner than clean-diesel buses in real world testing and produce 88 percent fewer NOx emissions than comparable gasoline-fueled school buses.

- Propane autogas school buses are easier to start in cold weather than gasoline and diesel vehicles, helping districts save time and money.
- Propane autogas school buses are 93 percent more cost-effective than clean diesel and 66 percent more cost-effective than electric.