

Transportation Energy Data Book

Quick Facts

Petroleum

- The U.S. produces 7.9 million barrels of petroleum per day (M bpd), or 10% of the world's 82.59 M bpd.
- The U.S. consumes 18.8 M bpd, or 22% of the world's 87.3 M bpd.
- U.S. transportation petroleum use is 67% of total U.S. petroleum use.
- U.S. transportation petroleum use is 161% of total U.S. petroleum production.
- Petroleum comprises 93% of U.S. transportation energy use.
- Cars and light trucks account for 63% of U.S. transportation petroleum use.
- Medium trucks account for 4% of U.S. transportation petroleum use.
- Heavy trucks account for 18% of U.S. transportation petroleum use.

Energy

- U.S. transportation energy use accounts for 28% of total U.S. energy use.
- 99% of ethanol consumed in the U.S. is consumed as ethanol in gasohol (or "E10").
- Cars and light trucks account for 59% of U.S. transportation energy use.
- Medium trucks account for 5% of U.S. transportation energy use.
- Heavy trucks account for 17% of U.S. transportation energy use.

Light Vehicle Characteristics

- There are 130,892,000 cars and 99,552,000 light trucks in the U.S. (230,444,000 total light vehicles).
- U.S. cars:
 - 6,089,000 cars were sold in 2011.
 - The average age of a U.S. car is 11.1 years; the average car lifetime is 16.9 years.
 - The average fuel economy for the U.S. car fleet (all cars on the road today) is 23.0 mpg.
 - Cars comprise 48% of new light vehicle sales.
- U.S. light trucks:
 - 6,645,000 light trucks were sold in 2011.
 - The average age of a U.S. light truck is 10.4 years; the average light truck lifetime is 15.5 years.
 - The average fuel economy for the U.S. light truck fleet (all light trucks on the road today) is 17.1 mpg.
 - Light trucks comprise 52% of new light vehicle sales.
- There were 8,535,000 fleet vehicles in 2010: 4,266,000 cars and 4,270,000 trucks.
- U.S. car registrations account for 17% of total world car registrations.
- U.S. truck and bus registrations account for 39% of total world truck and bus registrations.
- The average U.S. household vehicle travels 11,300 miles per year.

Heavy Truck Characteristics

- 10,770,000 heavy trucks were registered in the U.S. in 2010.
- In 2002 (the last time a survey was conducted), heavy trucks accounted for 80% of medium and heavy truck fuel use.

Note: Data are for calendar year 2010 or 2011 unless otherwise noted.