Transportation Energy Data Book
Quick Facts

Petroleum

- In 2014 the U.S. produced almost 12 million barrels of petroleum per day (mmbd), or 13% of the world's 87.9 mmbd.
- The U.S. consumed 19.0 mmbd, or 21% of the world's 91.2 mmbd in 2013.
- U.S. transportation petroleum use was 70% of total U.S. petroleum use in 2014.
- In 2014 U.S. transportation petroleum use was 110% of total U.S. petroleum production.
- Petroleum comprised 92% of U.S. transportation energy use in 2014.
- Cars and light trucks accounted for 63% of U.S. transportation petroleum use in 2013.
- Medium trucks (Class 3-6) accounted for 4% of U.S. transportation petroleum use in 2013.
- Heavy trucks (Class 3-6) & buses accounted for 19% of U.S. transportation petroleum use in 2013.
- Nonhighway modes accounted for the rest of U.S. transportation petroleum use in 2013 (14%).

Energy

- In 2014 U.S. transportation energy use accounted for 28% of total U.S. energy use.
- Ninety-eight percent of ethanol consumed in the U.S. is ethanol in gasohol (2011-latest data).
- Cars and light trucks accounted for 58% of U.S. transportation energy use in 2013.
- Medium trucks accounted for 5% of U.S. transportation energy use in 2013.
- Heavy trucks accounted for 18% of U.S. transportation energy use in 2013.

Light Vehicle Characteristics

- In 2013 there were 114 million cars and 121 million light trucks in the U.S. (235 million total light vehicles).
- U.S. cars:
  - 7,688,000 cars were sold in 2014.
  - In 2014 the average age of a U.S. car was 11.5 years; the average car lifetime was 16.9 years (1990 study).
  - In 2013 the average fuel economy for the U.S. car fleet (all cars on the road today) was 25.2 mpg.
  - Cars comprised 48% of new light vehicle sales in 2014.
- U.S. light trucks:
  - 8,484,000 light trucks were sold in 2014.
  - In 2014 the average age of a U.S. light truck was 11.5 years; the average light truck lifetime is 15.5 years (1990 study).
  - In 2013 the average fuel economy for the U.S. light truck fleet (all light trucks on the road today) was 18.8 mpg.
  - Light trucks comprised 52.5% of new light vehicle sales in 2014.
- U.S. car registrations accounted for 15% of total world car registrations in 2013.
- In 2013 U.S. truck and bus registrations accounted for 37% of total world truck and bus registrations.
- The average U.S. household vehicle travels 11,300 miles per year (2009 NHTS).

Heavy Truck Characteristics

- 10,597,000 heavy trucks were registered in the U.S. in 2013.
- In 2002 (the last time a survey was conducted), heavy trucks accounted for 80% of medium and heavy truck fuel use.