Transportation
Global transportation energy consumption

Transportation energy consumption
quadrillion British thermal units

history    projections

OECD
non-OECD
Transportation energy consumption by region

OECD transportation energy consumption
quadrillion British thermal units

Non-OECD transportation energy consumption
quadrillion British thermal units
Transportation energy consumption by fuel type

**Transportation energy consumption, OECD**
quadrillion British thermal units

- history
- projections

**Transportation energy consumption, non-OECD**
quadrillion British thermal units

- history
- projections

- other liquids
- electricity
- natural gas
- motor
- gasoline
- jet fuel
- liquefied petroleum gas
- diesel
- residual
- fuel oil
Transportation energy consumption by fuel type

Transportation energy consumption, OECD
quadrillion British thermal units

- Motor gasoline and E85
- Distillate fuel oil and biodiesel
- Jet fuel
- Residual fuel oil
- Natural gas
- Electricity
- Liquefied petroleum gas
- Other liquids

Transportation energy consumption, non-OECD
quadrillion British thermal units

- Motor gasoline and E85
- Distillate fuel oil and biodiesel
- Jet fuel
- Residual fuel oil
- Natural gas
- Electricity
- Liquefied petroleum gas
- Other liquids
Transportation energy consumption by type

Transportation sector energy consumption, OECD
quadrillion British thermal units

- history
- projections

Transportation sector energy consumption, non-OECD
quadrillion British thermal units

- history
- projections

- passenger
- freight
Global light-duty vehicle stock by fuel type

**Light-duty vehicle stock, OECD**
- Billions of vehicles
- History projections

**Light-duty vehicle stock, non-OECD**
- Billions of vehicles

- **electric plug-in hybrid**
- **natural gas**
- **diesel**
- **motor gasoline**
- **liquefied petroleum gas**
Passenger travel demand, energy use, and energy intensity

**Passenger travel demand**
- **trillion passenger-miles**

**Passenger travel energy use**
- **quadrillion British thermal units**

**Passenger travel energy intensity**
- **quadrillion British thermal units per passenger-mile**

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**OECD**
- History: [Graph]
- Projections: [Graph]

**non-OECD**
- History: [Graph]
- Projections: [Graph]

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Source: www.eia.gov/ieo
Passenger travel demand by mode

Passenger travel demand by mode, OECD
trillion passenger-miles

Passenger travel demand by mode, non-OECD
trillion passenger-miles

2019 2020 2050

Passenger travel demand by mode:
- rail
- light duty vehicles
- buses
- air
- two- or three-wheeled vehicles
Passenger transportation energy consumption by mode

Passenger transportation energy consumption, OECD
quadrillion British thermal units

- History
- Projections

Passenger transportation energy consumption, non-OECD
quadrillion British thermal units

- History
- Projections

- Light-duty vehicles
- Air
- Two- or three-wheeled vehicles
- Rail
- Buses
Light-duty passenger vehicle stock by technology

Light-duty passenger vehicle stock
billions of passenger vehicles

Note: Electric stock includes all-electric vehicles and plug-in hybrid electric vehicles.
Passenger air travel, efficiency, and jet fuel energy consumption, OECD index, 2019 = 1.0

Passenger air travel, efficiency, and jet fuel energy consumption, non-OECD index, 2019 = 1.0
Passenger air travel by region

Passenger air travel, select regions
trillion passenger–miles traveled

- China
- India
- United States
- Other Asia
- Africa
- OECD Europe
- Middle East

Timeline: 2010 to 2050

Key:
- History
- Projections
Freight transportation energy consumption by mode

Freight transportation energy consumption, OECD
quadrillion British thermal units

Freight transportation energy consumption, non-OECD
quadrillion British thermal units

history    projections

[Graph showing energy consumption by mode for OECD and non-OECD countries, with categories including heavy, medium, light, pipeline, international, domestic, and rail transportation.]