Transportation sector energy consumption

Transportation sector consumption by mode
AEO2021 Reference case
quadrillion British thermal units

Transportation sector consumption by fuel
AEO2021 Reference case
quadrillion British thermal units

Transportation sector minor petroleum and alternative fuels consumption

Transportation sector consumption of minor petroleum and alternative fuels
AEO2021 Reference case
quadrillion British thermal units


Transportation sector delivered electricity and natural gas

Delivered electricity by mode
AEO2021 Reference case
quadrillion British thermal units

Delivered compressed and liquefied natural gas by mode
AEO2021 Reference case
quadrillion British thermal units

Passenger and freight travel by mode

Vehicle travel
AEO2021 Reference case
trillion vehicle-miles

Passenger travel
AEO2021 Reference case
trillion revenue passenger-miles

Rail and domestic shipping
AEO2021 Reference case
trillion ton-miles traveled


Energy intensity by transportation mode

Passenger travel energy intensity by mode
AEO2021 Reference case
British thermal units per passenger-mile

Freight travel energy intensity by mode
AEO2021 Reference case
British thermal units per ton-mile

Indexed travel indicators and energy use by mode

Indexed light-duty vehicle travel and energy use
AEO2021 Reference case
2019 = 1.0

 Indexed freight and commercial truck travel and energy use
AEO2021 Reference case
2019 = 1.0

 Indexed aircraft travel and energy use
AEO2021 Reference case
2019 = 1.0

Note: Indexed freight and commercial truck energy efficiency is weighted by each vehicle type’s relative share of energy consumption.

New light-duty vehicle sales shares

Light-duty vehicle sales shares
AEO2021 Reference case
2020 projections

Car sales shares by size class
AEO2021 Reference case
2020 projections
crossover utility
midsize
compact
large
subcompact
other

Light truck sales shares by size class
AEO2021 Reference case
2020 projections
crossover utility
large pickup
utility
vans
small pickup

Light-duty vehicle sales by technology/fuel type

New vehicle sales of battery-powered vehicles

Light-duty fuel economy by vehicle type

Heavy-duty fuel economy

Light-duty vehicle fuel economy and per capita travel

**Light-duty vehicle average fuel economy**

- **AEO2021 Reference case**
  - miles per gallon
  - 2020
  - history projections

**Light-duty vehicle miles traveled per licensed driver**

- **AEO2021 Reference case**
  - thousand miles
  - 2020
  - history projections

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Air travel energy use by mode

**Energy use by air mode**

- **AEO2021 Reference case**
  - quadrillion British thermal units
  - 2020
  - history projections

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Passenger aircraft sales and jet fuel efficiency

U.S. passenger jet sales by body type
AEO2021 Reference case
individual aircraft sold

U.S. passenger jet fuel efficiency index
AEO2021 Reference case
2019 = 1.0

Passenger travel demand and aircraft stock

Revenue passenger-miles
AEO2021 Reference case
trillion passenger-miles

Average passenger load factors
percentage

Active versus parked passenger and cargo stock
AEO2021 Reference case
thousand active and parked passenger aircraft
thousand active cargo aircraft

Note: Load factors are weighted by domestic and U.S.-originating or U.S.-bound flights’ relative share of revenue passenger-miles.