



Transportation

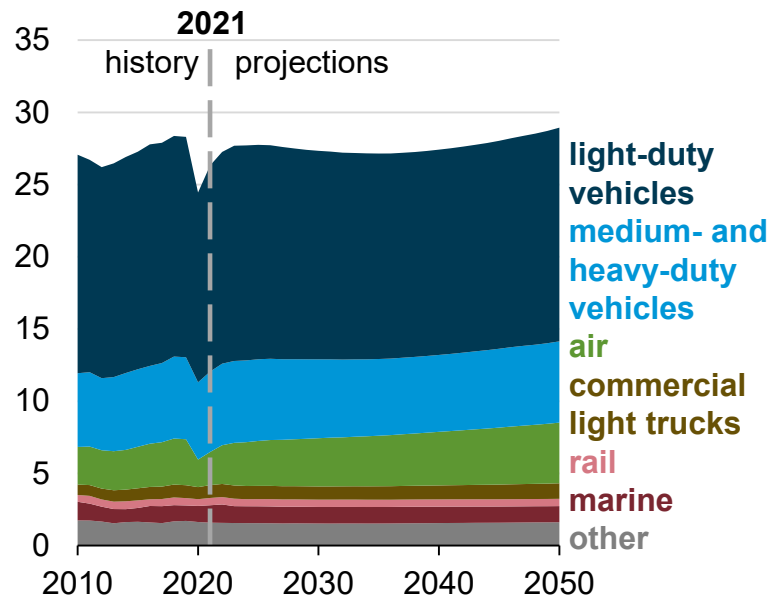


Transportation sector energy consumption

Transportation sector consumption by mode

AEO2022 Reference case

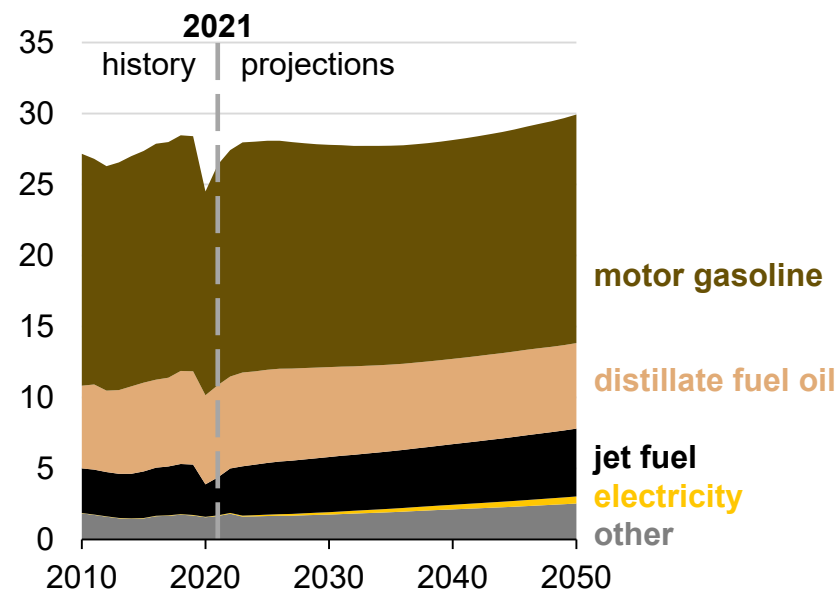
quadrillion British thermal units



Transportation sector consumption by fuel

AEO2022 Reference case

quadrillion British thermal units



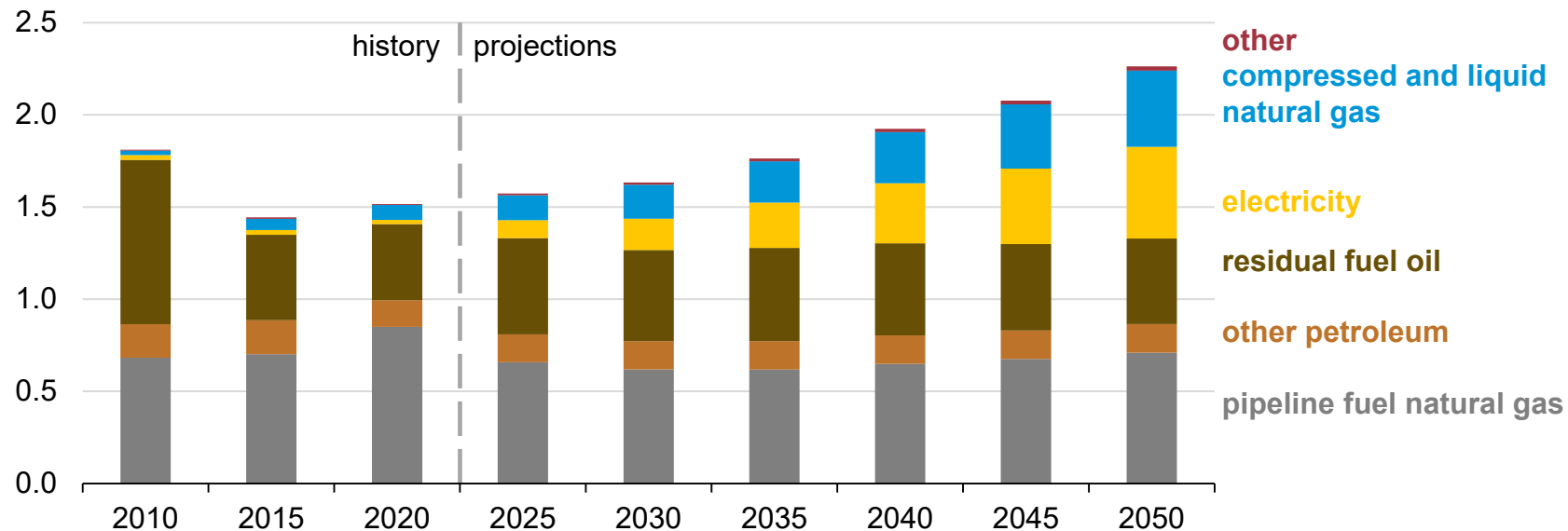


Transportation sector consumption of minor petroleum and alternative fuels

Transportation sector consumption of minor petroleum and alternative fuels

AEO2022 Reference case

quadrillion British thermal units



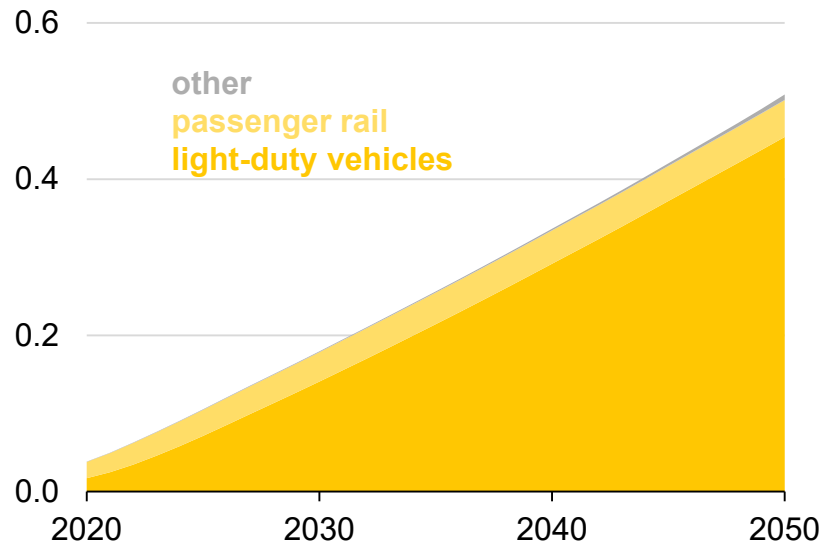


Transportation sector delivered electricity and natural gas

Delivered electricity by mode

AEO2022 Reference case

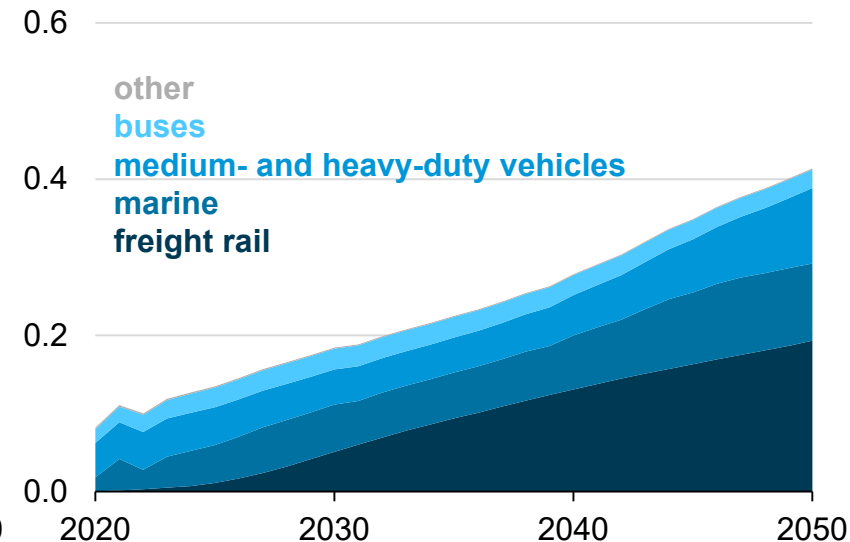
quadrillion British thermal units



Delivered compressed and liquefied natural gas by mode

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quadrillion British thermal units



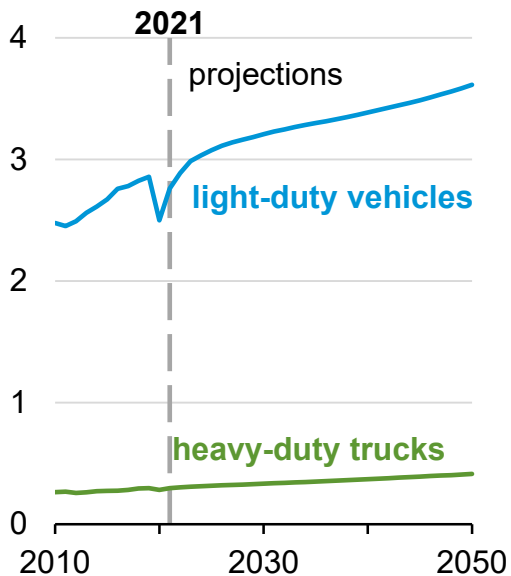


Passenger and freight travel by mode

Vehicle travel

AEO2022 Reference case

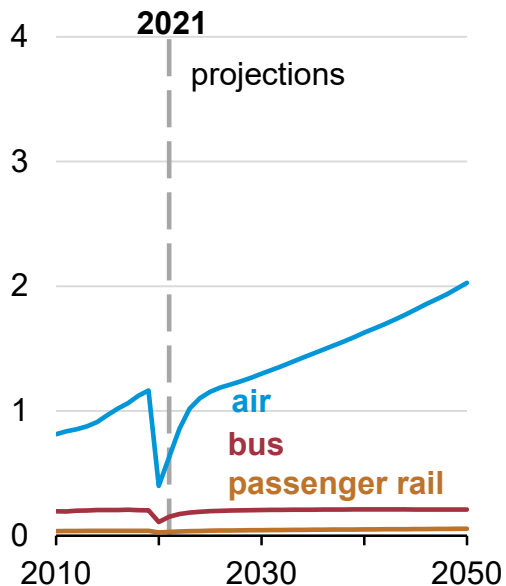
trillion vehicle-miles



Passenger travel

AEO2022 Reference case

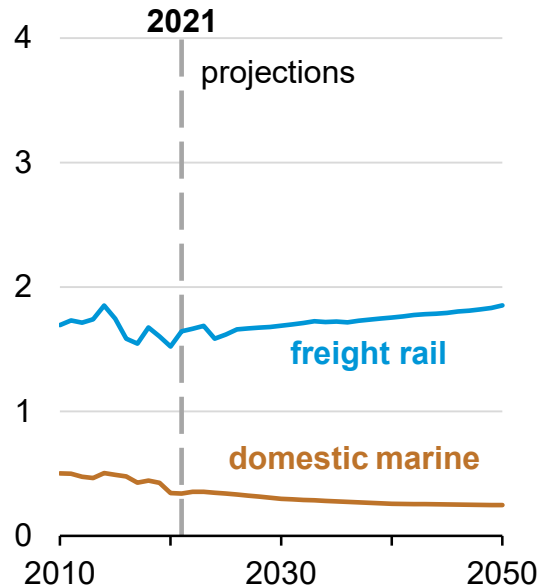
trillion revenue passenger-miles



Rail and domestic shipping

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trillion ton-miles traveled



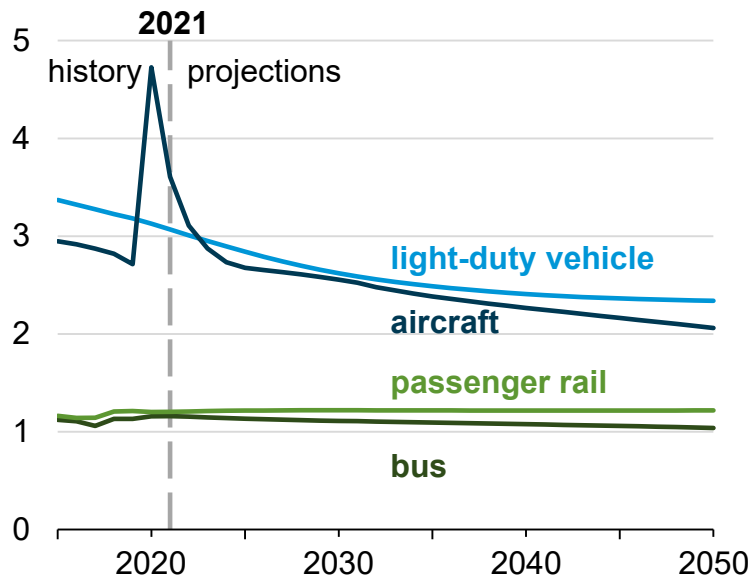


Energy intensity by transportation mode

Passenger travel energy intensity by mode

AEO2022 Reference case

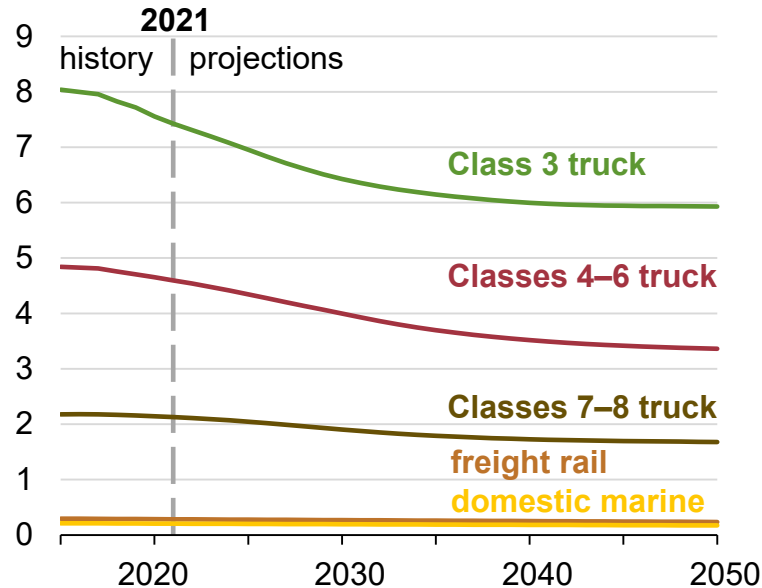
thousand British thermal units per passenger-mile



Freight travel energy intensity by mode

AEO2022 Reference case

thousand British thermal units per ton-mile



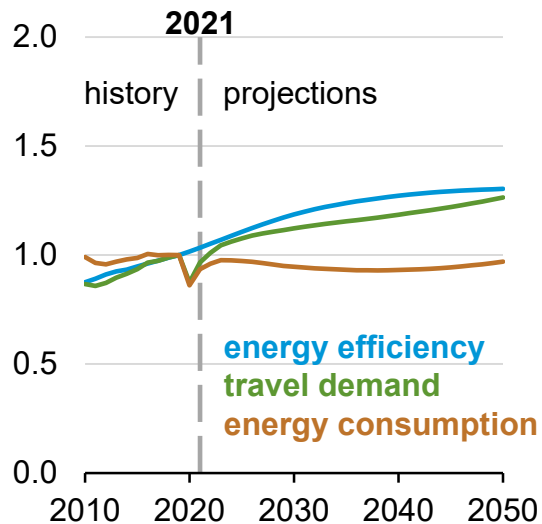


Indexed travel indicators and energy use by mode

Indexed light-duty vehicle travel and energy use

AEO2022 Reference case

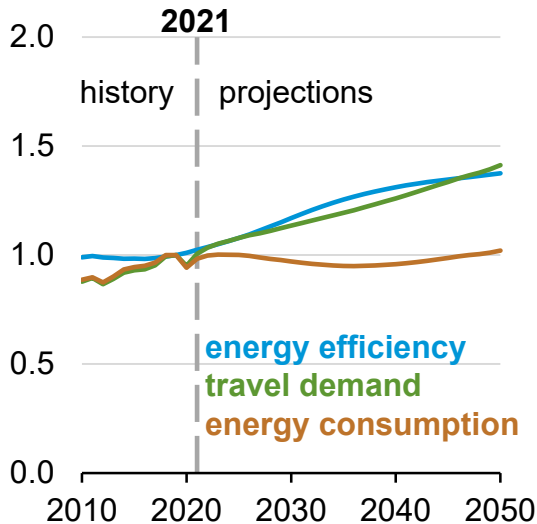
2019 = 1.0



Indexed freight and commercial truck travel and energy use

AEO2022 Reference case

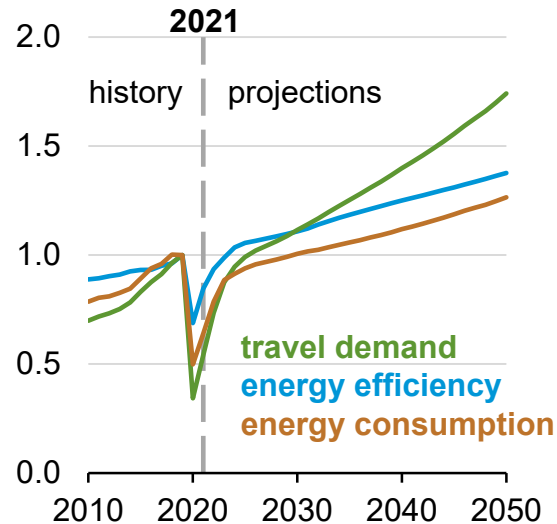
2019 = 1.0



Indexed aircraft travel and energy use

AEO2022 Reference case

2019 = 1.0

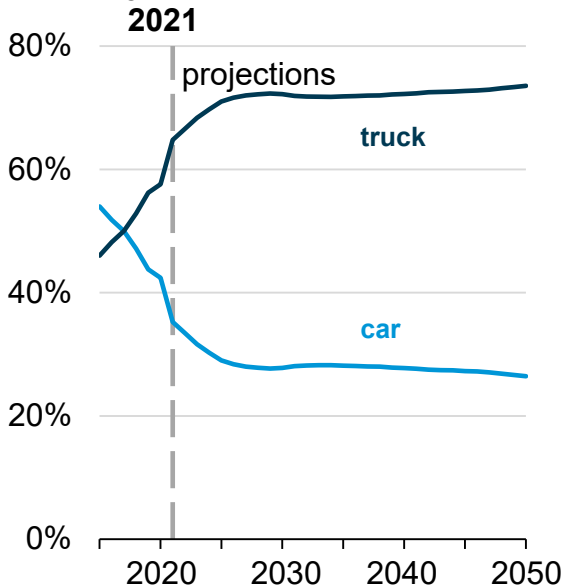


Note: Indexed freight and commercial truck energy efficiency is weighted by each vehicle type's relative share of energy consumption.

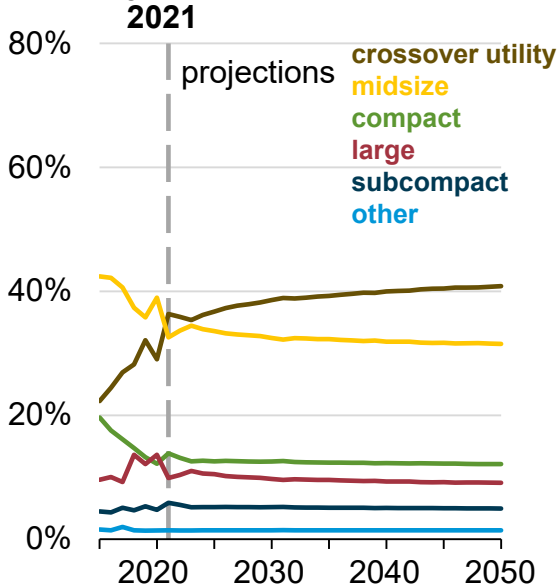


New light-duty vehicle sales by type

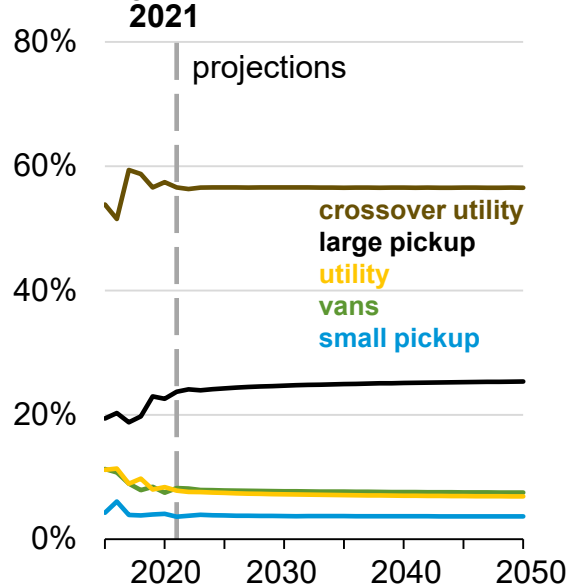
Light-duty vehicle sales
AEO2022 Reference case
percentage share



Car sales by size class
AEO2022 Reference case
percentage share



Light truck sales by size class
AEO2022 Reference case
percentage share



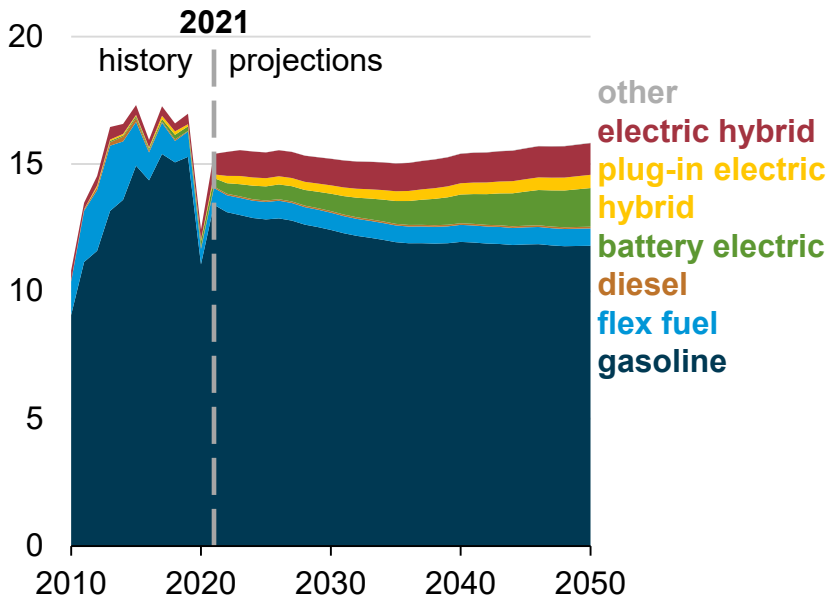


Light-duty vehicle sales by technology or fuel type

Light-duty vehicle sales by technology or fuel type

AEO2022 Reference case

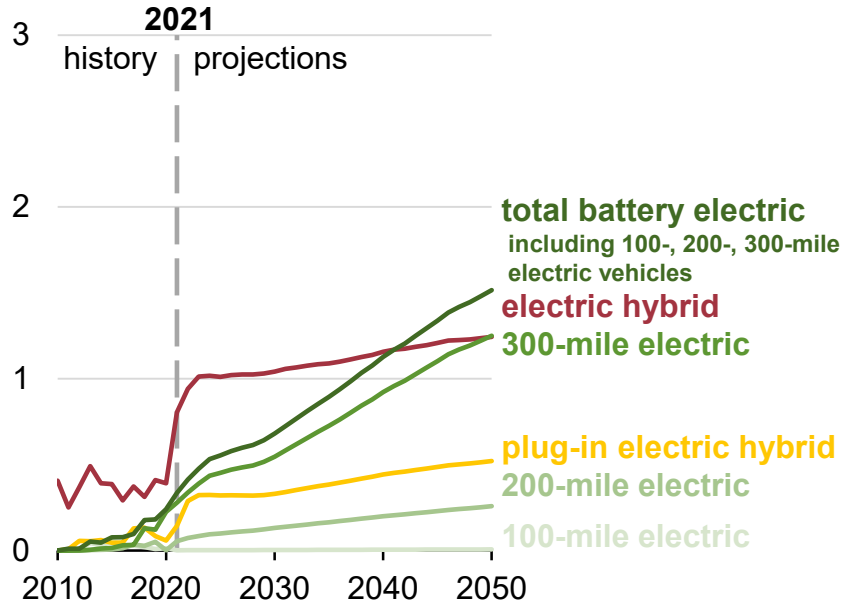
millions of vehicles



New vehicle sales of battery-powered vehicles

AEO2022 Reference case

millions of vehicles



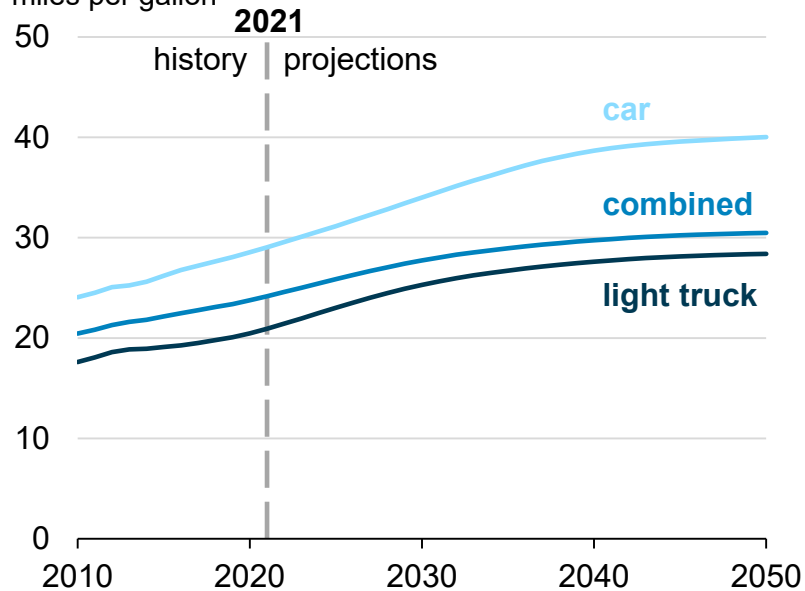


On-road vehicle fuel economy

Light-duty fuel economy by vehicle type

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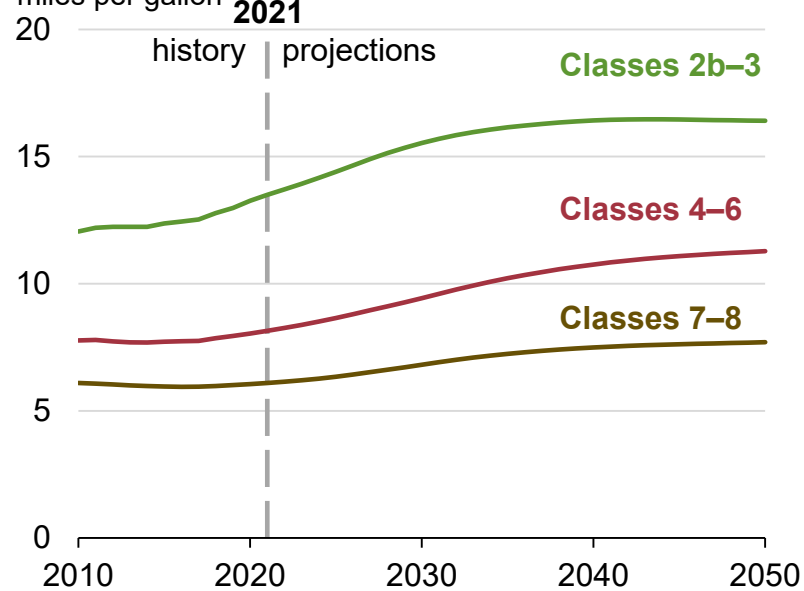
miles per gallon



Heavy-duty fuel economy by class

AEO2022 Reference case

miles per gallon



Note: Combined represents the average of light-duty vehicles.

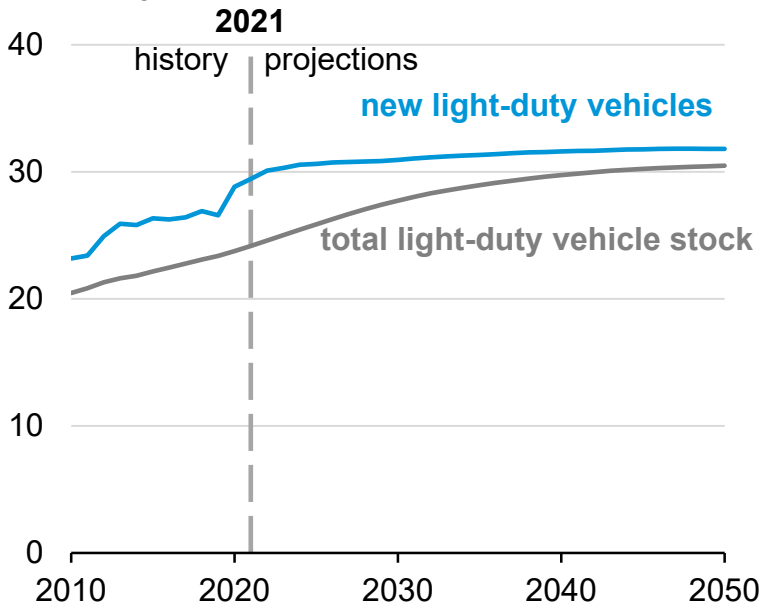


Light-duty vehicle fuel economy and per capita travel

Light-duty vehicle average fuel economy

AEO2022 Reference case

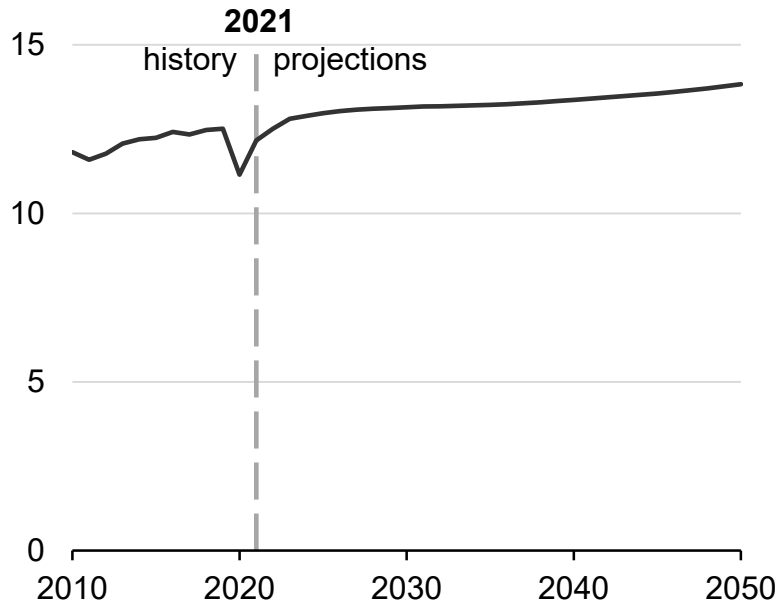
miles per gallon



Light-duty vehicle miles traveled per licensed driver

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thousand miles



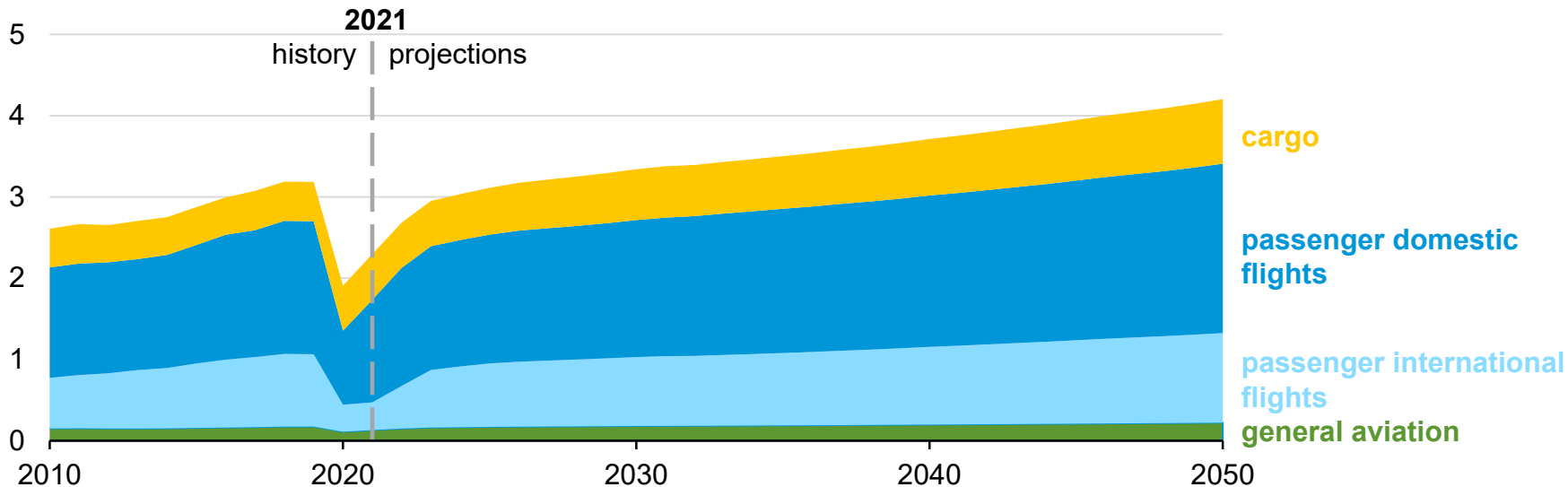


Air travel energy use by travel type

Energy use by air mode

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quadrillion British thermal units



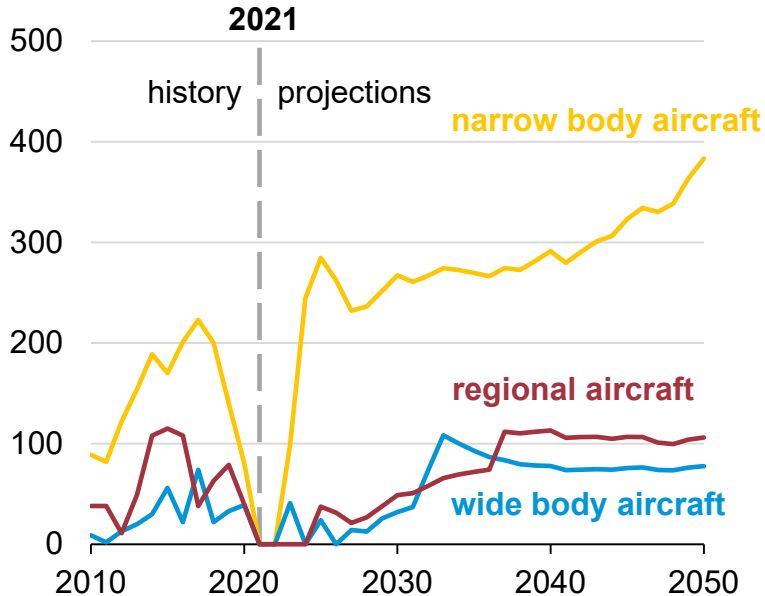


Passenger aircraft sales and jet fuel efficiency

U.S. passenger jet sales by body type

AEO2022 Reference case

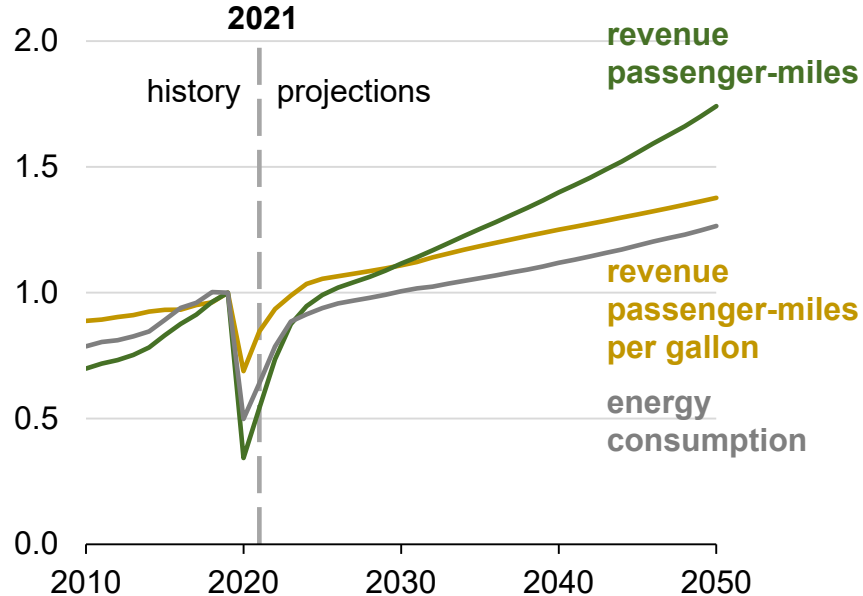
individual aircraft sold



U.S. passenger jet fuel efficiency index

AEO2022 Reference case

2019 = 1.0

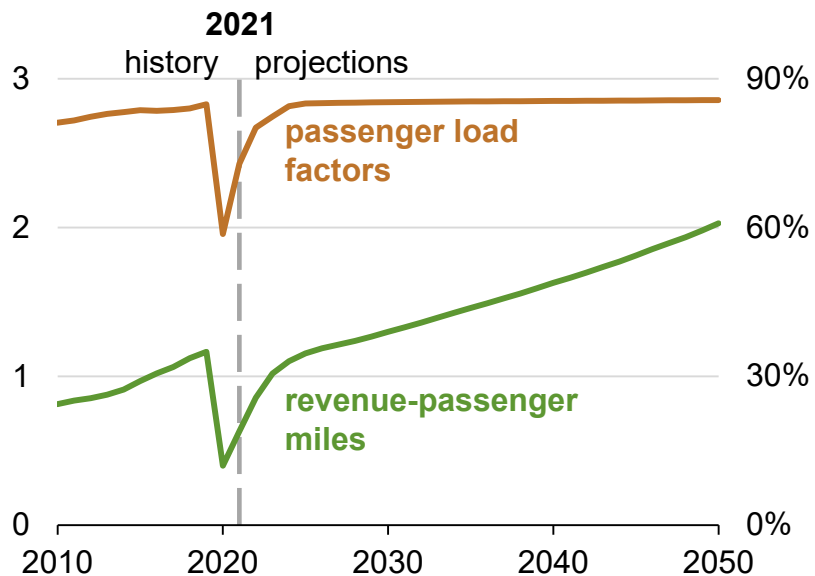




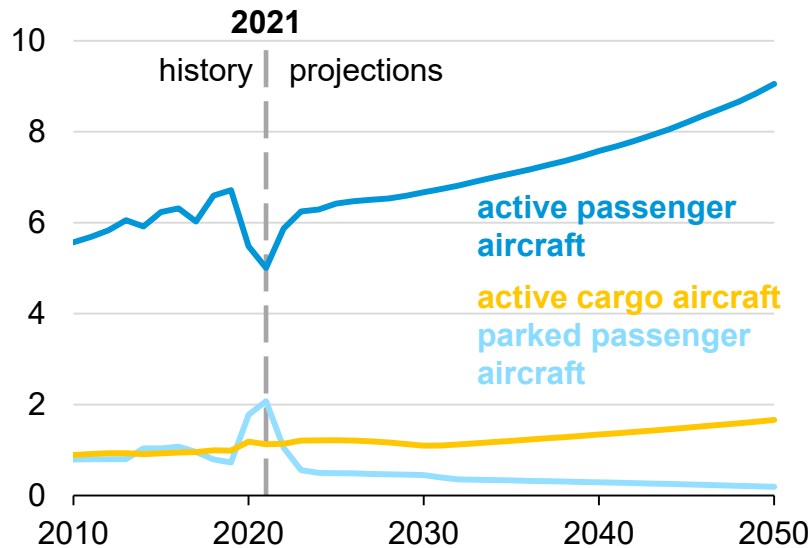
Passenger travel demand and aircraft stock

Revenue passenger-miles
AEO2022 Reference case
trillion passenger-miles

Average passenger
load factors
percentage



Active versus parked passenger and cargo stock
AEO2022 Reference case
thousand aircraft



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