

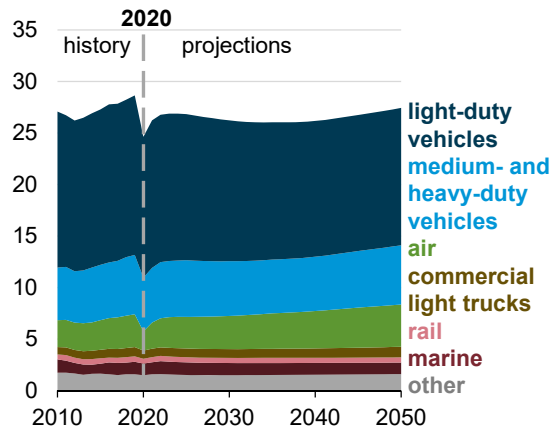


Transportation

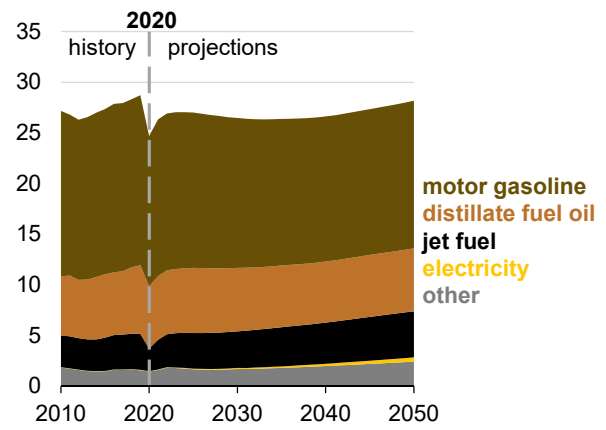


Transportation sector energy consumption

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



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



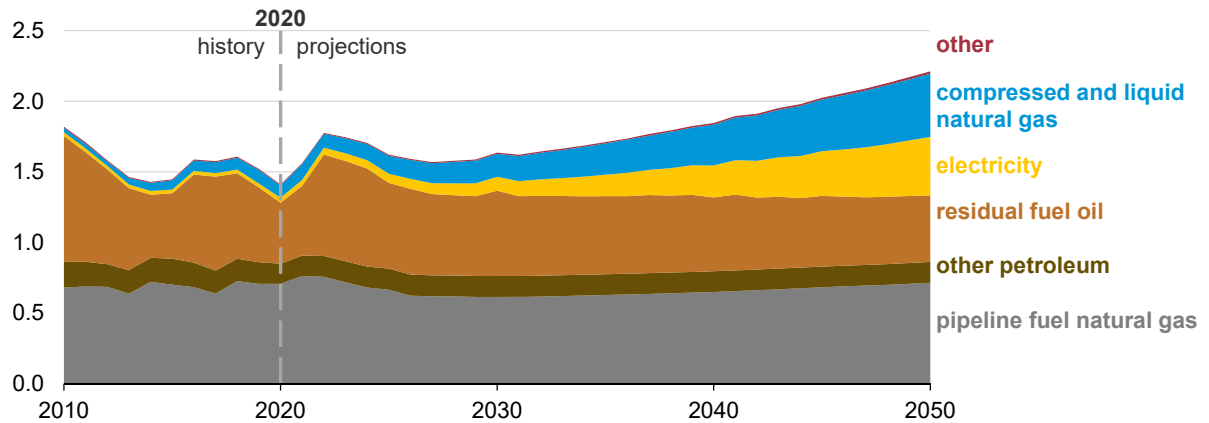


Transportation sector minor petroleum and alternative fuels consumption

Transportation sector consumption of minor petroleum and alternative fuels

AEO2021 Reference case

quadrillion British thermal units



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021 (AEO2021)*

www.eia.gov/aeo

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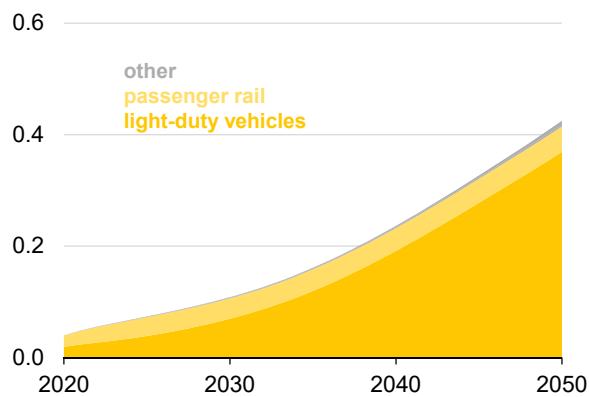


Transportation sector delivered electricity and natural gas

Delivered electricity by mode

AEO2021 Reference case

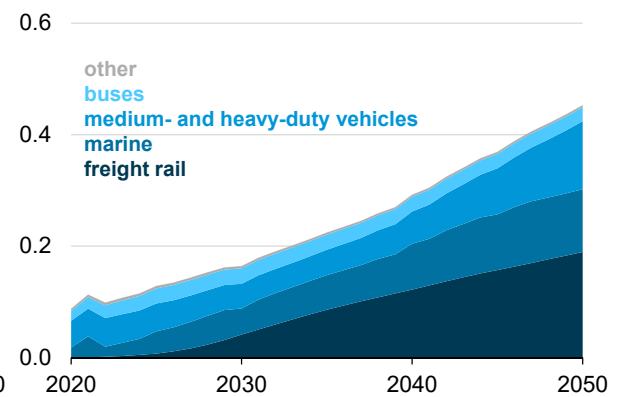
quadrillion British thermal units



Delivered compressed and liquefied natural gas by mode

AEO2021 Reference case

quadrillion British thermal units



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021 (AEO2021)*

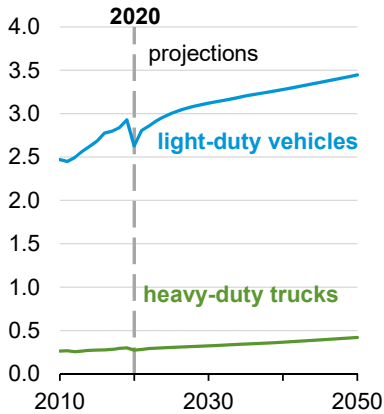
www.eia.gov/aeo

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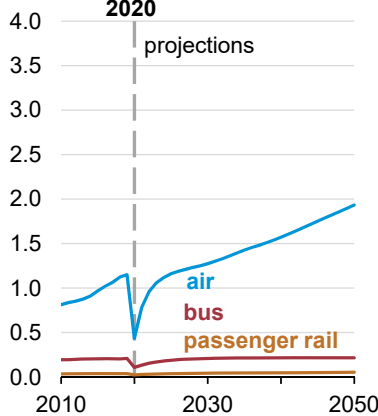


Passenger and freight travel by mode

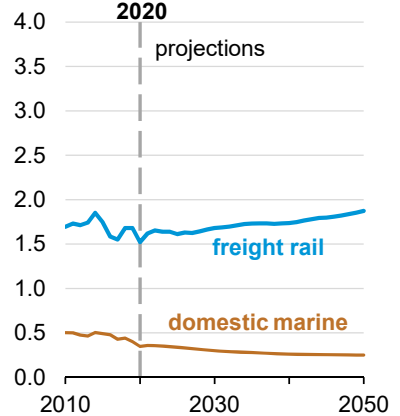
Vehicle travel
AEO2021 Reference case
trillion vehicle-miles



Passenger travel
AEO2021 Reference case
trillion revenue passenger-miles



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



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

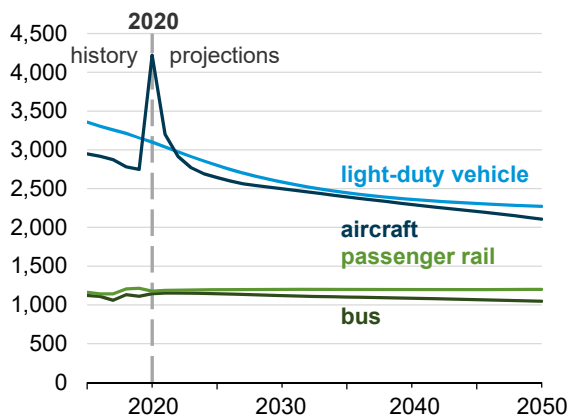
www.eia.gov/aeo

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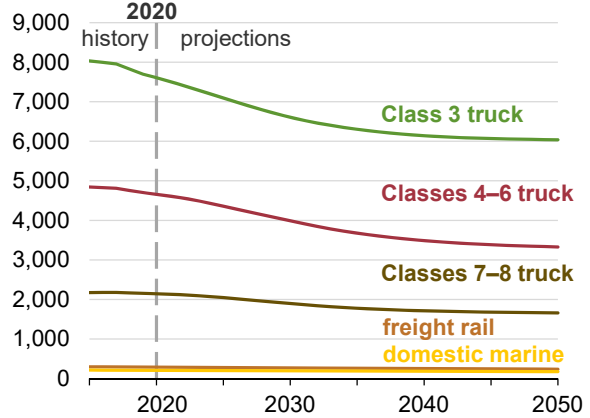


Energy intensity by transportation mode

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



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

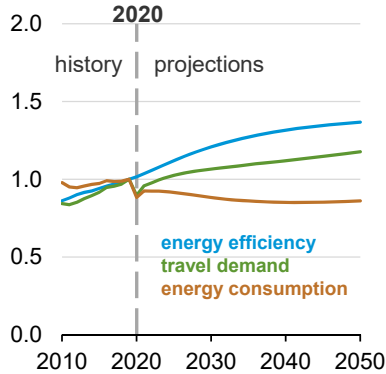
www.eia.gov/aeo

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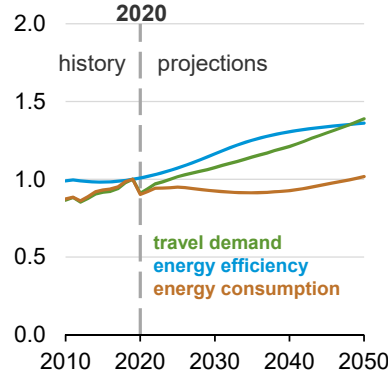


Indexed travel indicators and energy use by mode

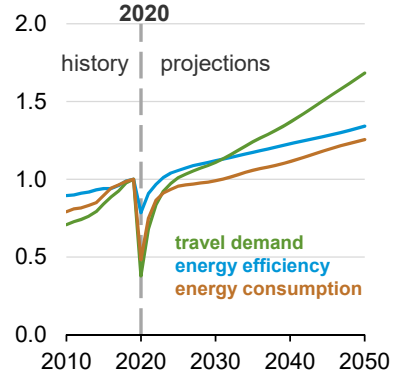
Indexed light-duty vehicle travel and energy use
AEO2021 Reference case
2019 = 1.0



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.



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

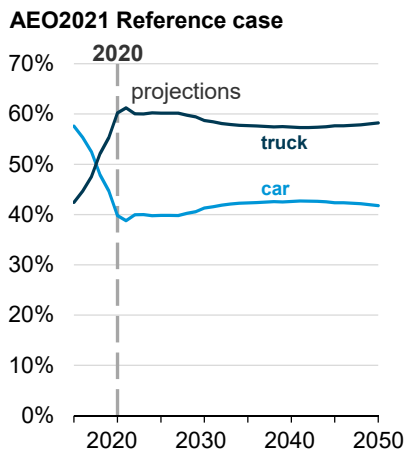
www.eia.gov/aeo

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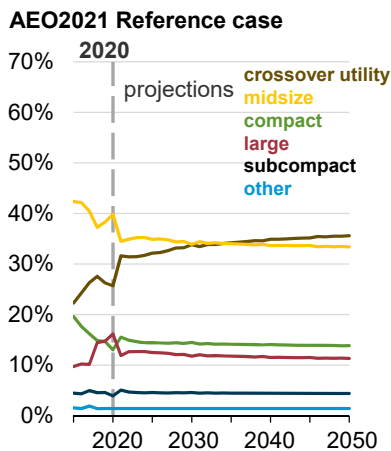


New light-duty vehicle sales shares

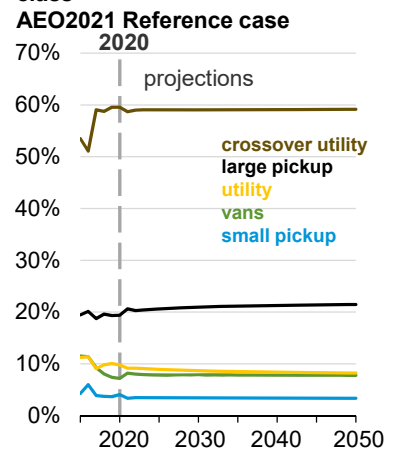
Light-duty vehicle sales shares



Car sales shares by size class



Light truck sales shares by size class



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

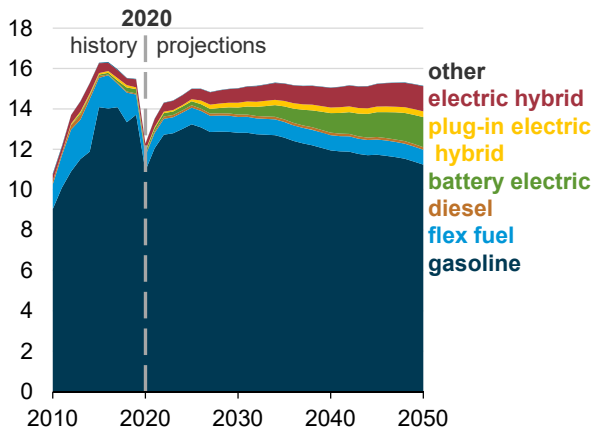
www.eia.gov/aeo

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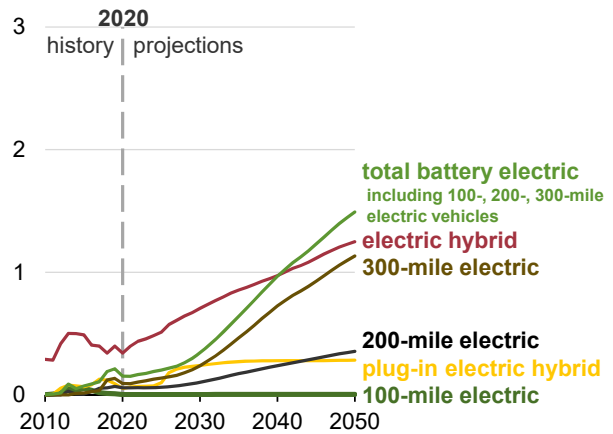


Light-duty vehicle sales by technology/fuel type

Light-duty vehicle sales by technology/fuel
AEO2021 Reference case
millions of vehicles



New vehicle sales of battery-powered vehicles
AEO2021 Reference case
millions of vehicles



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

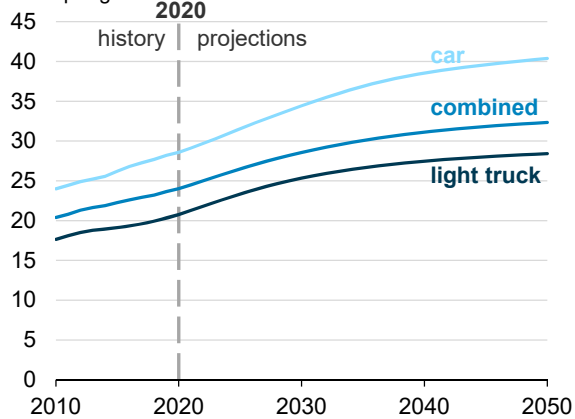
www.eia.gov/aeo

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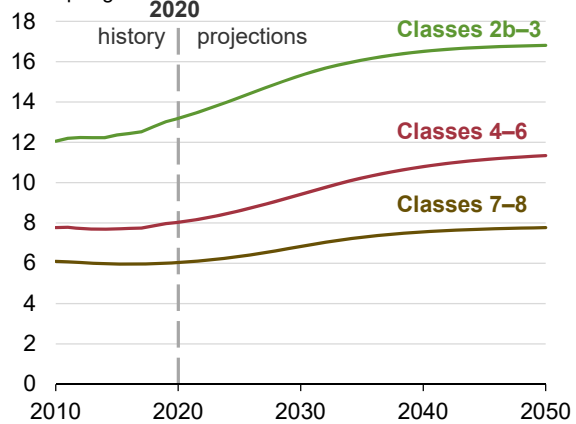


On-road vehicle fuel economy

Light-duty fuel economy by vehicle type
AEO2021 Reference case
miles per gallon



Heavy-duty fuel economy
AEO2021 Reference case
miles per gallon



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

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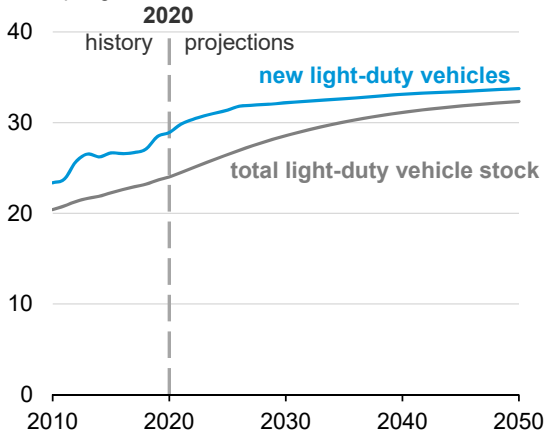


Light-duty vehicle fuel economy and per capita travel

Light-duty vehicle average fuel economy

AEO2021 Reference case

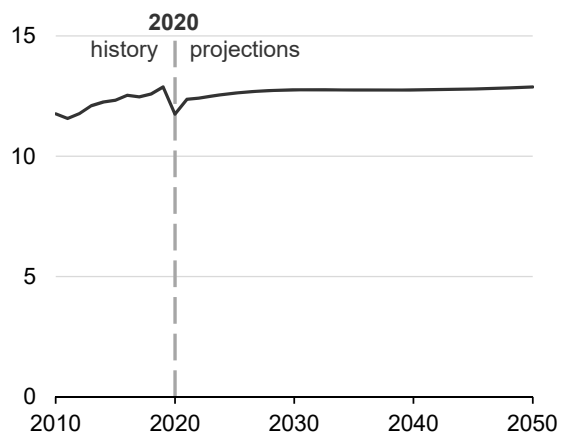
miles per gallon



Light-duty vehicle miles traveled per licensed driver

AEO2021 Reference case

thousand miles



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

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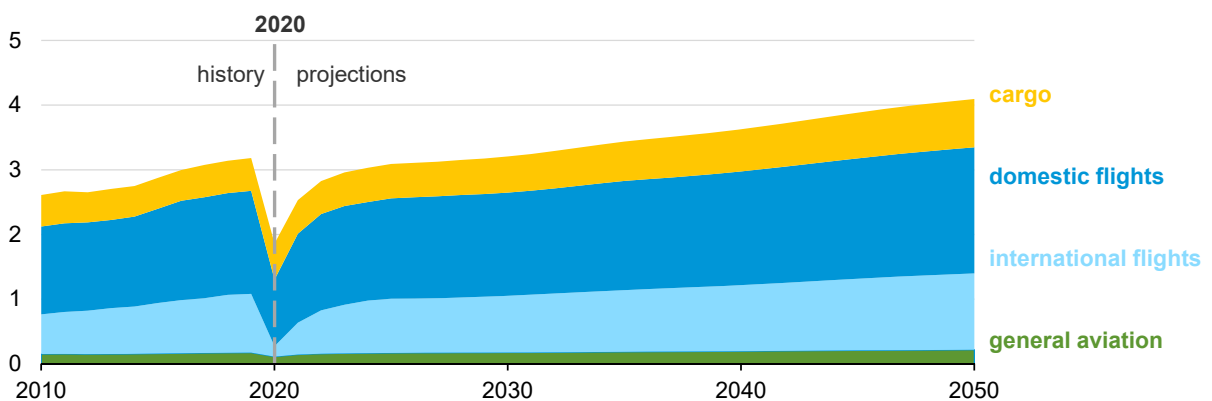


Air travel energy use by mode

Energy use by air mode

AEO2021 Reference case

quadrillion British thermal units



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

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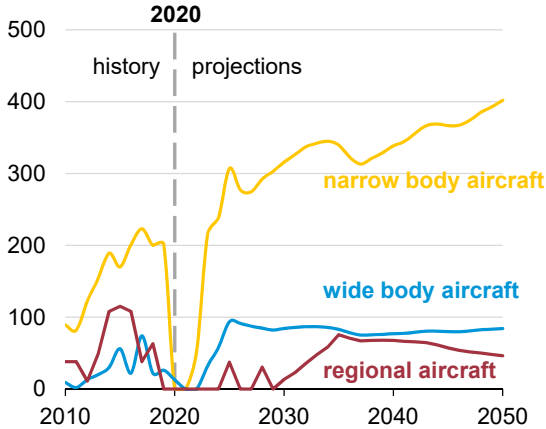


Passenger aircraft sales and jet fuel efficiency

U.S. passenger jet sales by body type

AEO2021 Reference case

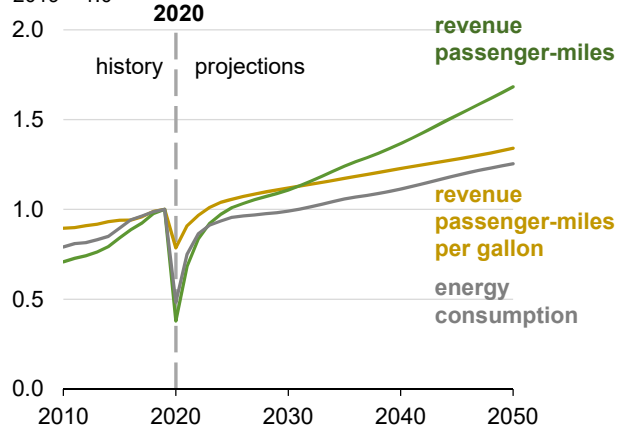
individual aircraft sold



U.S. passenger jet fuel efficiency index

AEO2021 Reference case

2019 = 1.0



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

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Passenger travel demand and aircraft stock

Revenue passenger-miles

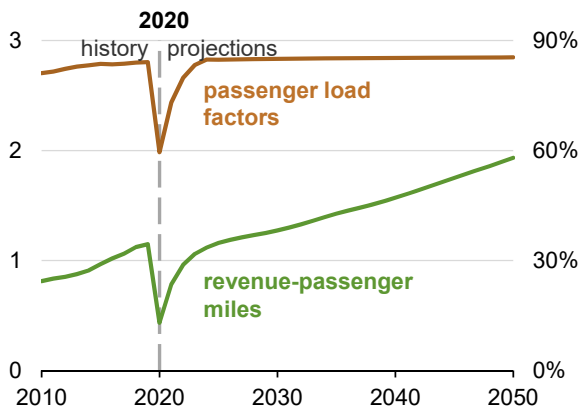
AEO2021 Reference case

trillion passenger-miles

Average passenger

load factors

percentage



Active versus parked passenger and cargo stock

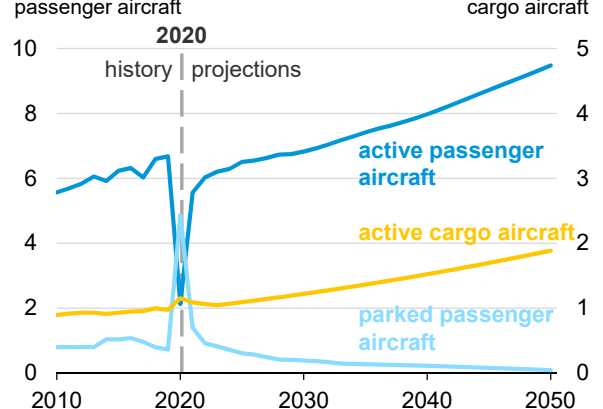
AEO2021 Reference case

thousand active and parked

thousand active

passenger aircraft

cargo aircraft



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



Source: U.S. Energy Information Administration, *Annual Energy Outlook 2021* (AEO2021)

www.eia.gov/ao

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