

Table L4. Aircraft efficiency, Reference case

seat miles per gallon

Aircraft type and vintage	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Narrow body aircraft								
New	77.0	79.9	83.6	87.4	91.5	95.9	100.5	0.9
Stock	73.3	71.8	74.9	78.8	82.8	86.9	90.8	0.7
Wide body aircraft								
New	100.0	104.2	109.7	115.5	121.7	128.2	135.1	1.0
Stock	95.5	94.3	97.5	102.1	108.8	116.2	122.6	0.8
Regional jets								
New	59.3	61.9	65.3	68.8	72.5	76.3	80.3	1.0
Stock	53.9	52.2	54.2	57.8	61.8	66.1	70.3	0.9
Average aircraft								
New	79.6	85.0	89.1	93.5	98.0	102.8	107.9	1.0
Stock	75.3	76.1	79.2	83.4	88.0	93.0	97.5	0.9

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

* Totals may not equal sum of components due to independent rounding.