

**Table L4. Aircraft efficiency, High Zero-carbon Technology Cost case**

seat miles per gallon

Aircraft type and vintage	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
<b>Narrow body aircraft</b>								
New	84.5	86.9	90.5	94.4	98.3	102.3	106.5	0.8%
Stock	77.3	79.4	82.4	86.1	90.0	93.9	97.8	0.8%
<b>Wide body aircraft</b>								
New	107.0	110.0	114.4	119.0	123.7	128.6	133.7	0.8%
Stock	98.9	102.0	104.8	108.4	112.5	117.5	122.8	0.8%
<b>Regional jets</b>								
New	54.6	56.9	59.7	62.5	65.3	68.1	70.8	0.9%
Stock	52.6	54.1	55.9	58.0	60.1	62.4	64.6	0.7%
<b>Average aircraft</b>								
New	87.6	91.7	95.6	99.6	103.7	107.9	112.3	0.9%
Stock	80.8	84.5	87.4	91.0	94.7	98.9	103.1	0.9%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz\_230821.151430 and Annual Energy Outlook 2023 (March 2023), [www.eia.gov/aeo](http://www.eia.gov/aeo)

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