Table L2. Transportation sector passenger transport energy consumption by region and mode, High Economic Growth case

quadrillion British thermal units

Region and mode	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas								
Light-duty vehicles	19.4	19.6	18.7	17.8	17.5	17.6	18.3	-0.2%
Air	3.7	4.1	4.5	4.8	5.2	5.7	6.2	1.9%
Buses	1.0	1.2	1.2	1.3	1.4	1.4	1.5	1.3%
Two- and three-wheeled vehicles	0.3	0.4	0.6	0.7	0.9	1.1	1.3	5.5%
Rail	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4%
Total	**24.4**	**25.4**	**25.0**	**24.7**	**25.0**	**25.9**	**27.4**	**0.4%**
Europe and Eurasia								
Light-duty vehicles	8.9	8.2	6.9	6.1	5.5	5.2	5.1	-2.0%
Air	2.5	3.2	3.5	3.7	4.0	4.3	4.5	2.2%
Buses	1.3	1.3	1.3	1.3	1.2	1.1	1.1	-0.7%
Two- and three-wheeled vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2%
Rail	0.2	0.2	0.1	0.1	0.1	0.1	0.1	-0.9%
Total	**13.0**	**13.0**	**12.0**	**11.3**	**11.0**	**10.9**	**10.9**	**-0.6%**
Asia Pacific								
Light-duty vehicles	12.7	13.5	14.6	15.6	16.8	18.4	20.1	1.6%
Air	2.2	3.9	5.0	6.2	7.4	8.7	10.2	5.6%
Buses	2.5	2.5	2.7	2.8	2.8	2.9	3.0	0.7%
Two- and three-wheeled vehicles	2.1	2.4	2.8	3.2	3.5	3.9	4.2	2.4%
Rail	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0%
Total	**19.8**	**22.7**	**25.3**	**28.1**	**30.8**	**34.1**	**37.6**	**2.3%**
Africa and Middle East								
Light-duty vehicles	4.5	4.6	4.7	4.8	5.1	5.4	5.9	1.0%
Air	1.0	1.3	1.5	1.8	2.2	2.5	2.9	4.0%
Buses	1.9	2.1	2.6	3.2	4.0	4.8	5.8	4.2%
Two- and three-wheeled vehicles	0.1	0.1	0.2	0.2	0.3	0.5	0.7	7.4%
Rail	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.9%
Total	**7.4**	**8.1**	**9.0**	**10.2**	**11.5**	**13.3**	**15.4**	**2.7%**
World								
Light-duty vehicles	45.5	45.9	44.9	44.3	44.9	46.6	49.4	0.3%
Air	9.4	12.6	14.5	16.5	18.7	21.2	23.8	3.4%
Buses	6.7	7.2	7.8	8.6	9.4	10.3	11.3	1.9%
Two- and three-wheeled vehicles	2.6	3.0	3.6	4.2	4.9	5.5	6.3	3.2%
Rail	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2%
Total	**64.6**	**69.2**	**71.3**	**74.2**	**78.4**	**84.2**	**91.3**	**1.2%**

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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