

**Table L2. Transportation sector passenger transport energy consumption by region and mode, Reference case**

quadrillion British thermal units

Region and mode	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
<b>OECD</b>								
Light-duty vehicles	24.6	26.8	25.4	24.4	23.8	23.7	23.6	-0.1
Air	3.5	7.1	7.7	8.3	9.0	9.7	10.5	3.8
Buses	1.0	1.4	1.5	1.5	1.5	1.5	1.5	1.2
Two- and three- wheeled vehicles	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Rail	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.6
<b>Total</b>	<b>29.5</b>	<b>35.9</b>	<b>35.1</b>	<b>34.7</b>	<b>34.8</b>	<b>35.4</b>	<b>36.1</b>	<b>0.7</b>
<b>Non-OECD</b>								
Light-duty vehicles	16.5	20.4	22.8	24.9	27.1	29.1	30.6	2.1
Air	2.9	5.3	6.4	7.6	8.7	9.8	11.0	4.6
Buses	4.5	6.2	7.0	7.6	7.9	8.2	8.5	2.1
Two- and three- wheeled vehicles	3.2	3.5	3.7	3.8	3.9	4.0	4.0	0.8
Rail	0.2	0.3	0.3	0.3	0.3	0.3	0.3	1.3
<b>Total</b>	<b>27.4</b>	<b>35.6</b>	<b>40.2</b>	<b>44.1</b>	<b>48.0</b>	<b>51.5</b>	<b>54.5</b>	<b>2.3</b>
<b>World</b>								
Light-duty vehicles	41.1	47.2	48.1	49.2	51.0	52.8	54.2	0.9
Air	6.4	12.4	14.1	15.9	17.6	19.5	21.5	4.1
Buses	5.5	7.6	8.5	9.0	9.4	9.7	10.0	2.0
Two- and three- wheeled vehicles	3.4	3.7	3.9	4.0	4.1	4.2	4.2	0.7
Rail	0.5	0.6	0.7	0.7	0.7	0.7	0.7	1.0
<b>Total</b>	<b>56.9</b>	<b>71.5</b>	<b>75.3</b>	<b>78.8</b>	<b>82.8</b>	<b>86.8</b>	<b>90.7</b>	<b>1.6</b>

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](http://www.eia.gov/aeo)

Notes:

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