

**Table J2. World energy intensity by region, Low Economic Growth case**

thousand British thermal units per 2015 dollar of GDP (PPP)

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
<b>Americas</b>	<b>4.8</b>	<b>4.6</b>	<b>4.3</b>	<b>4.1</b>	<b>3.8</b>	<b>3.6</b>	<b>3.5</b>	<b>-1.1%</b>
United States	4.8	4.7	4.3	4.0	3.7	3.4	3.2	-1.4%
Canada	8.2	7.8	7.4	7.2	7.1	7.1	7.0	-0.6%
Mexico	3.3	3.1	3.1	3.0	3.0	3.0	3.0	-0.2%
Brazil	4.7	4.7	4.6	4.5	4.5	4.5	4.6	-0.1%
Other Americas	3.8	3.7	3.5	3.3	3.1	3.0	2.8	-1.1%
<b>Europe and Eurasia</b>	<b>4.1</b>	<b>4.0</b>	<b>3.8</b>	<b>3.7</b>	<b>3.6</b>	<b>3.5</b>	<b>3.5</b>	<b>-0.6%</b>
Western Europe	3.2	3.2	3.0	2.9	2.8	2.8	2.7	-0.6%
Russia	8.9	8.6	8.4	8.5	8.8	9.0	9.2	0.1%
Eastern Europe and Eurasia	7.3	6.7	5.8	5.1	4.5	4.2	3.9	-2.2%
<b>Asia Pacific</b>	<b>5.0</b>	<b>4.6</b>	<b>4.1</b>	<b>3.7</b>	<b>3.4</b>	<b>3.2</b>	<b>3.1</b>	<b>-1.7%</b>
Japan	3.5	3.4	3.0	2.9	2.9	2.9	2.9	-0.7%
South Korea	5.7	5.5	5.3	5.1	5.1	5.0	5.0	-0.5%
Australia and New Zealand	4.7	4.4	4.1	3.8	3.7	3.6	3.5	-1.0%
China	6.6	6.0	5.1	4.5	4.0	3.7	3.5	-2.2%
India	3.8	3.6	3.4	3.3	3.2	3.1	3.0	-0.8%
Other Asia Pacific	3.3	3.1	2.9	2.7	2.5	2.4	2.3	-1.3%
<b>Africa and Middle East</b>	<b>4.9</b>	<b>4.8</b>	<b>4.5</b>	<b>4.4</b>	<b>4.3</b>	<b>4.3</b>	<b>4.3</b>	<b>-0.5%</b>
Africa	3.5	3.4	3.3	3.3	3.3	3.3	3.4	-0.1%
Middle East	6.6	6.5	6.1	5.9	5.8	5.7	5.6	-0.6%
<b>World</b>	<b>4.7</b>	<b>4.5</b>	<b>4.1</b>	<b>3.8</b>	<b>3.6</b>	<b>3.5</b>	<b>3.3</b>	<b>-1.2%</b>

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Im\_230821.151939 and Annual Energy Outlook 2023 (March 2023), [www.eia.gov/aeo](http://www.eia.gov/aeo); Oxford Economics, Global Economic Model (February 2023), [www.oxfordeconomics.com](http://www.oxfordeconomics.com) (subscription site)

Note: Totals may not equal sum of components due to independent rounding. PPP=purchasing power parity.