

**Table A11. World carbon dioxide emissions from liquid fuels use by region, High Oil Price case**

million metric tons of carbon dioxide

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
<b>Americas</b>	<b>3,501</b>	<b>3,438</b>	<b>3,320</b>	<b>3,205</b>	<b>3,156</b>	<b>3,178</b>	<b>3,257</b>	<b>-0.3%</b>
United States	2,189	2,117	2,031	1,911	1,829	1,802	1,826	-0.6%
Canada	271	270	264	266	272	283	293	0.3%
Mexico	253	250	234	227	226	229	238	-0.2%
Brazil	310	318	317	321	326	331	334	0.3%
Other Americas	478	482	475	482	503	533	566	0.6%
<b>Europe and Eurasia</b>	<b>2,474</b>	<b>2,448</b>	<b>2,351</b>	<b>2,271</b>	<b>2,250</b>	<b>2,258</b>	<b>2,278</b>	<b>-0.3%</b>
Western Europe	1,905	1,873	1,781	1,702	1,665	1,653	1,656	-0.5%
Russia	435	433	424	415	420	426	430	0.0%
Eastern Europe and Eurasia	134	141	147	153	165	178	192	1.3%
<b>Asia Pacific</b>	<b>4,138</b>	<b>4,401</b>	<b>4,677</b>	<b>4,921</b>	<b>5,121</b>	<b>5,345</b>	<b>5,514</b>	<b>1.0%</b>
Japan	404	378	349	324	307	295	283	-1.3%
South Korea	262	271	270	262	252	244	236	-0.4%
Australia and New Zealand	168	168	170	169	171	174	178	0.2%
China	1,579	1,714	1,774	1,788	1,755	1,736	1,709	0.3%
India	610	690	845	1,021	1,204	1,385	1,549	3.4%
Other Asia Pacific	1,116	1,179	1,269	1,357	1,434	1,511	1,558	1.2%
<b>Africa and Middle East</b>	<b>1,660</b>	<b>1,760</b>	<b>1,711</b>	<b>1,745</b>	<b>1,826</b>	<b>1,930</b>	<b>2,040</b>	<b>0.7%</b>
Africa	597	636	668	726	805	896	995	1.8%
Middle East	1,062	1,125	1,042	1,019	1,021	1,035	1,045	-0.1%
<b>World</b>	<b>11,773</b>	<b>12,047</b>	<b>12,058</b>	<b>12,141</b>	<b>12,353</b>	<b>12,711</b>	<b>13,089</b>	<b>0.4%</b>

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp\_230822.081357 and Annual Energy Outlook 2023 (March 2023), [www.eia.gov/ao](http://www.eia.gov/ao)

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