

**Table A11. World carbon dioxide emissions from liquid fuels use by region, High Economic Growth 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>3,560</b>	<b>3,544</b>	<b>3,548</b>	<b>3,645</b>	<b>3,790</b>	<b>3,981</b>	<b>0.5%</b>
United States	2,189	2,208	2,168	2,111	2,110	2,137	2,199	0.0%
Canada	271	272	275	285	300	315	331	0.7%
Mexico	253	255	248	253	266	284	307	0.7%
Brazil	310	329	344	362	384	407	427	1.2%
Other Americas	478	497	509	536	585	647	716	1.5%
<b>Europe and Eurasia</b>	<b>2,474</b>	<b>2,517</b>	<b>2,494</b>	<b>2,487</b>	<b>2,536</b>	<b>2,646</b>	<b>2,781</b>	<b>0.4%</b>
Western Europe	1,905	1,923	1,872	1,837	1,840	1,894	1,969	0.1%
Russia	435	450	464	476	500	530	559	0.9%
Eastern Europe and Eurasia	134	144	158	173	195	222	252	2.3%
<b>Asia Pacific</b>	<b>4,139</b>	<b>4,515</b>	<b>5,032</b>	<b>5,545</b>	<b>6,066</b>	<b>6,641</b>	<b>7,203</b>	<b>2.0%</b>
Japan	404	390	369	349	338	332	329	-0.7%
South Korea	262	278	282	280	278	277	275	0.2%
Australia and New Zealand	168	170	178	180	185	191	199	0.6%
China	1,579	1,755	1,910	2,015	2,080	2,172	2,247	1.3%
India	610	708	916	1,171	1,443	1,721	1,998	4.3%
Other Asia Pacific	1,116	1,215	1,377	1,550	1,742	1,948	2,156	2.4%
<b>Africa and Middle East</b>	<b>1,663</b>	<b>1,779</b>	<b>1,797</b>	<b>1,891</b>	<b>2,045</b>	<b>2,234</b>	<b>2,449</b>	<b>1.4%</b>
Africa	599	651	717	809	932	1,078	1,247	2.7%
Middle East	1,063	1,128	1,080	1,082	1,114	1,157	1,202	0.4%
<b>World</b>	<b>11,776</b>	<b>12,371</b>	<b>12,867</b>	<b>13,472</b>	<b>14,293</b>	<b>15,311</b>	<b>16,414</b>	<b>1.2%</b>

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

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