

Table A12. World carbon dioxide emissions from natural gas 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
Americas	2,405	2,371	2,506	2,545	2,621	2,672	2,761	0.5%
United States	1,724	1,660	1,743	1,743	1,768	1,771	1,813	0.2%
Canada	231	236	232	247	267	289	308	1.0%
Mexico	147	156	177	188	207	218	227	1.6%
Brazil	72	81	96	92	87	86	85	0.6%
Other Americas	231	237	258	276	292	309	328	1.3%
Europe and Eurasia	2,319	2,351	2,433	2,504	2,620	2,746	2,895	0.8%
Western Europe	1,087	1,119	1,188	1,184	1,192	1,205	1,228	0.4%
Russia	931	918	933	993	1,051	1,110	1,171	0.8%
Eastern Europe and Eurasia	300	314	312	328	377	432	496	1.8%
Asia Pacific	1,846	1,971	2,115	2,252	2,425	2,689	2,904	1.6%
Japan	223	226	215	197	187	191	189	-0.6%
South Korea	137	135	130	126	123	124	126	-0.3%
Australia and New Zealand	91	91	96	95	96	101	106	0.5%
China	739	808	863	955	1,063	1,214	1,318	2.1%
India	137	151	213	275	335	397	464	4.4%
Other Asia Pacific	519	560	598	605	620	662	701	1.1%
Africa and Middle East	1,517	1,589	1,672	1,799	1,912	2,041	2,172	1.3%
Africa	331	342	370	410	451	492	539	1.8%
Middle East	1,186	1,247	1,303	1,390	1,461	1,549	1,634	1.1%
World	8,087	8,282	8,726	9,101	9,577	10,148	10,733	1.0%

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/aeo

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