

Table A12. World carbon dioxide emissions from natural gas use by region, Low 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	2,208	2,124	2,147	2,224	2,304	2,392	0.0%
United States	1,724	1,500	1,375	1,371	1,407	1,448	1,493	-0.5%
Canada	231	237	231	240	259	280	301	1.0%
Mexico	147	153	171	183	199	208	214	1.4%
Brazil	72	82	95	88	81	78	78	0.3%
Other Americas	230	237	252	266	277	290	305	1.0%
Europe and Eurasia	2,317	2,361	2,436	2,501	2,599	2,707	2,837	0.7%
Western Europe	1,085	1,128	1,192	1,187	1,188	1,194	1,209	0.4%
Russia	931	920	938	998	1,054	1,110	1,169	0.8%
Eastern Europe and Eurasia	300	313	307	317	357	403	460	1.5%
Asia Pacific	1,845	1,990	2,157	2,278	2,447	2,667	2,875	1.6%
Japan	223	227	214	197	184	185	182	-0.7%
South Korea	137	137	132	125	122	120	122	-0.4%
Australia and New Zealand	91	91	94	92	91	95	98	0.3%
China	738	816	876	959	1,068	1,188	1,299	2.0%
India	137	151	221	267	312	364	412	4.0%
Other Asia Pacific	519	568	621	638	671	715	762	1.4%
Africa and Middle East	1,517	1,577	1,674	1,805	1,928	2,046	2,159	1.3%
Africa	331	337	359	394	435	471	512	1.6%
Middle East	1,186	1,239	1,315	1,411	1,493	1,575	1,647	1.2%
World	8,084	8,135	8,391	8,731	9,198	9,724	10,262	0.9%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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