

Table A12. World carbon dioxide emissions from natural gas use by region, Low Economic Growth case

million metric tons of carbon dioxide

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	2,405	2,246	2,179	2,127	2,184	2,218	2,272	-0.2%
United States	1,724	1,546	1,458	1,404	1,444	1,462	1,501	-0.5%
Canada	231	235	231	226	235	248	260	0.4%
Mexico	147	151	159	159	169	176	176	0.6%
Brazil	72	81	92	84	77	70	68	-0.2%
Other Americas	231	234	239	253	258	262	268	0.5%
Europe and Eurasia	2,317	2,340	2,358	2,355	2,368	2,402	2,441	0.2%
Western Europe	1,085	1,117	1,168	1,147	1,136	1,129	1,125	0.1%
Russia	931	911	891	915	927	941	959	0.1%
Eastern Europe and Eurasia	300	311	299	293	305	332	357	0.6%
Asia Pacific	1,845	1,965	2,042	2,070	2,103	2,180	2,241	0.7%
Japan	223	226	212	194	179	172	170	-1.0%
South Korea	137	135	129	122	119	116	117	-0.6%
Australia and New Zealand	91	90	90	86	82	82	82	-0.4%
China	738	804	816	838	854	889	907	0.7%
India	137	150	202	249	284	318	344	3.3%
Other Asia Pacific	519	560	594	581	585	603	621	0.6%
Africa and Middle East	1,518	1,581	1,650	1,736	1,815	1,906	1,984	1.0%
Africa	331	337	352	364	385	413	442	1.0%
Middle East	1,187	1,244	1,298	1,372	1,431	1,493	1,543	0.9%
World	8,085	8,131	8,228	8,288	8,470	8,705	8,938	0.4%

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

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