

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

million metric tons carbon dioxide

Region	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
OECD								
OECD Americas	2,087	2,105	2,112	2,154	2,214	2,262	2,328	0.4
United States	1,671	1,638	1,628	1,643	1,678	1,724	1,780	0.2
Canada	237	249	255	267	285	296	300	0.8
Mexico and other OECD Americas	179	218	228	244	250	242	248	1.1
OECD Europe	1,037	1,077	1,080	1,063	1,048	1,056	1,072	0.1
OECD Asia	461	443	437	406	382	363	355	-0.9
Japan	232	214	210	191	175	162	152	-1.4
South Korea	130	126	125	116	111	109	111	-0.5
Australia and New Zealand	99	102	102	99	96	92	92	-0.2
Total OECD	3,585	3,625	3,629	3,623	3,644	3,680	3,756	0.2
Non-OECD								
Non-OECD Europe and Eurasia	1,326	1,320	1,336	1,338	1,331	1,326	1,316	0.0
Russia	956	938	953	954	955	952	943	0.0
Other Europe and Eurasia	370	382	382	384	376	374	373	0.0
Non-OECD Asia	1,261	1,380	1,534	1,637	1,690	1,733	1,791	1.2
China	610	662	758	836	857	867	881	1.2
India	110	146	182	211	237	264	289	3.3
Other Asia	541	572	594	591	597	601	621	0.5
Middle East	1,020	1,126	1,152	1,118	1,111	1,095	1,067	0.2
Africa	300	320	332	367	367	371	393	0.9
Non-OECD Americas	301	305	300	293	298	306	322	0.2
Brazil	65	84	81	71	66	63	62	-0.2
Other Non-OECD Americas	236	221	220	222	231	243	260	0.3
Total Non-OECD	4,209	4,451	4,654	4,752	4,797	4,830	4,889	0.5
Total World	7,794	8,076	8,283	8,376	8,441	8,511	8,645	0.3

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Im_210719.163843; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

* Values presented are gross CO₂ emissions; CO₂ captured by CCS, accounting for less than 0.2% of the 2050 world total, is not subtracted

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