

Table A12. World carbon dioxide emissions from natural gas use by region, Low Oil Price 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	2,045	2,060	2,110	2,199	2,274	2,356	0.4
United States	1,671	1,577	1,576	1,599	1,669	1,742	1,816	0.3
Canada	237	250	256	267	281	290	293	0.7
Mexico and other OECD Americas	179	218	228	244	248	243	247	1.1
OECD Europe	1,037	1,078	1,078	1,058	1,044	1,040	1,057	0.1
OECD Asia	461	445	438	407	383	362	353	-0.9
Japan	232	215	211	191	175	161	151	-1.4
South Korea	130	127	125	117	112	109	110	-0.6
Australia and New Zealand	99	103	102	100	96	92	92	-0.3
Total OECD	3,585	3,568	3,576	3,576	3,626	3,677	3,766	0.2
Non-OECD								
Non-OECD Europe and Eurasia	1,326	1,323	1,336	1,337	1,330	1,321	1,309	0.0
Russia	956	940	952	954	954	947	938	-0.1
Other Europe and Eurasia	370	383	383	384	377	374	372	0.0
Non-OECD Asia	1,261	1,369	1,512	1,596	1,625	1,618	1,625	0.8
China	610	653	740	809	816	792	775	0.8
India	110	145	178	202	223	244	262	2.9
Other Asia	541	571	593	585	586	582	588	0.3
Middle East	1,020	1,126	1,151	1,117	1,088	1,069	1,036	0.1
Africa	300	315	328	356	358	364	383	0.8
Non-OECD Americas	301	305	300	293	297	304	318	0.2
Brazil	65	83	80	71	66	62	60	-0.3
Other Non-OECD Americas	236	222	220	222	231	242	258	0.3
Total Non-OECD	4,209	4,438	4,626	4,700	4,699	4,676	4,672	0.3
Total World	7,793	8,007	8,202	8,276	8,325	8,354	8,438	0.3

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Ip_210720.081941; 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.