

Table A10. World carbon dioxide emissions by region, High 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	5,654	5,804	5,767	5,860	6,012	6,210	6,412	0.4
United States	4,556	4,575	4,502	4,511	4,557	4,645	4,752	0.1
Canada	547	603	612	642	697	751	803	1.3
Mexico and other OECD Americas	552	626	654	707	759	814	856	1.5
OECD Europe	3,594	3,793	3,718	3,696	3,674	3,788	3,935	0.3
OECD Asia	2,253	2,323	2,321	2,341	2,330	2,294	2,250	0.0
Japan	1,089	1,131	1,099	1,111	1,082	1,015	937	-0.5
South Korea	757	789	820	832	846	860	877	0.5
Australia and New Zealand	407	403	403	399	402	419	437	0.2
Total OECD	11,501	11,920	11,807	11,897	12,016	12,292	12,597	0.3
Non-OECD								
Non-OECD Europe and Eurasia	2,930	3,099	3,285	3,543	3,773	3,991	4,221	1.2
Russia	1,861	2,021	2,160	2,339	2,486	2,604	2,727	1.3
Other Europe and Eurasia	1,068	1,079	1,125	1,204	1,287	1,387	1,494	1.1
Non-OECD Asia	15,535	17,737	18,841	20,290	21,849	23,843	25,763	1.7
China	10,910	11,505	11,423	11,635	11,769	12,000	12,197	0.4
India	2,137	3,087	3,753	4,458	5,221	6,227	7,016	4.0
Other Asia	2,488	3,145	3,665	4,197	4,858	5,615	6,550	3.3
Middle East	2,028	2,317	2,406	2,516	2,660	2,824	2,944	1.3
Africa	1,250	1,465	1,622	1,800	1,962	2,138	2,445	2.3
Non-OECD Americas	1,106	1,285	1,372	1,465	1,572	1,688	1,815	1.7
Brazil	503	603	647	675	698	735	776	1.5
Other Non-OECD Americas	603	682	725	790	874	953	1,039	1.8
Total Non-OECD	22,849	25,904	27,527	29,614	31,816	34,484	37,189	1.6
Total World	34,349	37,823	39,334	41,511	43,832	46,776	49,786	1.2

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813; 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.