

Table A13. World carbon dioxide emissions from coal 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	1,085	1,026	630	656	658	677	661	-1.8%
United States	929	881	465	451	401	402	381	-3.1%
Canada	45	29	13	13	14	14	14	-4.2%
Mexico	19	19	32	34	35	35	36	2.4%
Brazil	57	59	61	65	74	67	68	0.6%
Other Americas	35	38	59	93	134	159	162	5.6%
Europe and Eurasia	1,570	1,542	1,401	1,409	1,415	1,512	1,559	0.0%
Western Europe	813	782	644	648	631	701	720	-0.4%
Russia	449	464	444	427	434	442	450	0.0%
Eastern Europe and Eurasia	308	296	313	334	351	369	390	0.8%
Asia Pacific	12,719	12,800	13,535	13,793	13,618	13,463	13,451	0.2%
Japan	409	403	288	292	281	270	260	-1.6%
South Korea	240	240	246	256	261	265	265	0.4%
Australia and New Zealand	145	135	154	165	167	169	170	0.6%
China	9,181	9,094	9,072	8,848	8,269	7,804	7,517	-0.7%
India	1,699	1,828	2,328	2,562	2,772	2,910	2,980	2.0%
Other Asia Pacific	1,045	1,099	1,447	1,670	1,868	2,045	2,259	2.8%
Africa and Middle East	429	420	467	548	616	681	743	2.0%
Africa	403	394	442	522	589	654	715	2.1%
Middle East	26	26	25	26	27	27	27	0.1%
World	15,804	15,788	16,034	16,406	16,307	16,333	16,413	0.1%

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.