

Table A13. World carbon dioxide emissions from coal use by region, High Oil Price case

million metric tons of carbon dioxide

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	1,086	919	450	552	589	603	565	-2.3%
United States	929	773	284	342	330	320	277	-4.2%
Canada	45	29	13	14	14	14	14	-4.1%
Mexico	19	19	32	34	35	35	36	2.4%
Brazil	57	60	62	65	72	69	69	0.7%
Other Americas	35	38	60	97	139	165	169	5.8%
Europe and Eurasia	1,570	1,540	1,396	1,405	1,412	1,527	1,557	0.0%
Western Europe	813	778	639	645	630	717	719	-0.4%
Russia	449	466	443	426	433	441	449	0.0%
Eastern Europe and Eurasia	308	297	314	333	350	369	389	0.8%
Asia Pacific	12,719	12,534	13,225	13,595	13,593	13,435	13,470	0.2%
Japan	409	401	286	289	278	267	257	-1.6%
South Korea	240	231	245	255	260	262	262	0.3%
Australia and New Zealand	145	133	152	165	166	168	168	0.5%
China	9,181	8,919	8,855	8,720	8,247	7,700	7,491	-0.7%
India	1,699	1,796	2,312	2,538	2,774	2,914	2,991	2.0%
Other Asia Pacific	1,045	1,054	1,375	1,627	1,867	2,124	2,302	2.9%
Africa and Middle East	429	429	480	553	624	667	750	2.0%
Africa	403	402	455	526	596	639	723	2.1%
Middle East	26	26	26	27	27	27	27	0.2%
World	15,804	15,422	15,551	16,105	16,218	16,231	16,343	0.1%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp_230822.081357 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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