

Table M2. World thermal coal production by region, Low Zero-carbon Technology Cost case

million short tons

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	656	585	322	294	305	266	224	-3.8%
United States	548	477	208	161	165	124	76	-6.8%
Canada	26	19	14	16	17	18	19	-1.1%
Mexico	3	3	7	7	7	7	7	3.8%
Brazil	4	5	4	5	7	5	5	0.2%
Other Americas	75	81	89	104	108	112	117	1.6%
Europe and Eurasia	863	826	747	775	771	815	867	0.0%
Western Europe	468	457	357	368	357	396	433	-0.3%
Russia	284	267	281	288	292	293	304	0.2%
Eastern Europe and Eurasia	111	102	109	119	122	126	130	0.6%
Asia Pacific	5,694	5,688	6,087	6,169	5,973	5,743	5,385	-0.2%
Japan	1	1	1	1	1	1	1	1.4%
South Korea	1	1	1	2	2	2	2	1.6%
Australia and New Zealand	236	273	305	334	348	348	368	1.6%
China	3,874	3,779	3,718	3,572	3,322	3,130	2,767	-1.2%
India	757	837	1,064	1,159	1,186	1,157	1,129	1.4%
Other Asia Pacific	825	796	998	1,103	1,114	1,105	1,118	1.1%
Africa and Middle East	205	211	261	299	312	323	339	1.8%
Africa	204	210	261	298	311	322	339	1.8%
Middle East	0	0	0	0	0	0	0	2.0%
World	7,418	7,309	7,418	7,536	7,360	7,145	6,814	-0.3%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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