

Table M2. World thermal coal production by region, Reference case

million short tons

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	643	583	353	371	373	375	359	-2.1%
United States	536	475	238	238	231	223	203	-3.4%
Canada	26	19	14	17	17	19	20	-1.0%
Mexico	3	3	7	7	7	7	7	3.8%
Brazil	4	5	4	5	7	5	5	0.2%
Other Americas	75	81	91	105	111	121	124	1.8%
Europe and Eurasia	863	830	753	779	773	842	878	0.1%
Western Europe	468	457	357	370	358	414	438	-0.2%
Russia	284	265	284	289	292	301	310	0.3%
Eastern Europe and Eurasia	111	107	113	121	123	127	130	0.6%
Asia Pacific	5,712	5,693	6,098	6,286	6,280	6,315	6,417	0.4%
Japan	1	1	1	1	1	1	1	1.6%
South Korea	1	1	1	2	2	2	2	1.7%
Australia and New Zealand	250	276	307	345	350	373	383	1.5%
China	3,879	3,772	3,707	3,618	3,483	3,363	3,353	-0.5%
India	763	847	1,075	1,198	1,265	1,353	1,381	2.1%
Other Asia Pacific	819	796	1,007	1,123	1,179	1,223	1,297	1.7%
Africa and Middle East	200	214	266	302	310	344	350	2.0%
Africa	200	213	266	302	310	343	349	2.0%
Middle East	0	0	0	0	0	0	0	2.2%
World	7,419	7,320	7,471	7,738	7,737	7,875	8,003	0.3%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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