

Table M5. World thermal coal consumption by region, High Zero-carbon Technology Cost case

million short tons

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	536	481	344	357	358	362	352	-1.5%
United States	483	436	294	285	262	253	236	-2.5%
Canada	22	12	2	3	3	3	3	-7.1%
Mexico	3	4	9	10	10	10	10	4.1%
Brazil	12	13	12	14	17	14	14	0.7%
Other Americas	15	16	26	46	67	82	88	6.5%
Europe and Eurasia	852	828	685	682	671	769	771	-0.4%
Western Europe	582	557	427	435	421	517	514	-0.4%
Russia	155	163	145	128	127	126	126	-0.7%
Eastern Europe and Eurasia	114	108	114	119	123	126	131	0.5%
Asia Pacific	5,860	5,871	6,352	6,638	6,721	6,728	6,849	0.6%
Japan	152	152	99	104	103	102	101	-1.5%
South Korea	72	71	74	78	80	81	81	0.4%
Australia and New Zealand	96	88	99	104	107	108	107	0.4%
China	4,067	3,989	4,016	4,010	3,843	3,668	3,629	-0.4%
India	948	1,032	1,339	1,491	1,610	1,657	1,683	2.1%
Other Asia Pacific	524	540	724	851	978	1,112	1,248	3.1%
Africa and Middle East	170	163	190	212	232	263	282	1.8%
Africa	163	155	182	204	224	255	275	1.9%
Middle East	8	7	7	7	8	8	8	0.1%
World	7,418	7,343	7,571	7,889	7,982	8,122	8,254	0.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz_230821.151430 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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