

Table A10. World carbon dioxide emissions 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	6,992	6,728	6,276	6,302	6,365	6,453	6,584	-0.2%
United States	4,842	4,551	4,058	3,996	3,928	3,893	3,915	-0.8%
Canada	548	536	509	526	552	585	615	0.4%
Mexico	419	425	442	449	467	483	501	0.6%
Brazil	439	460	474	478	484	486	489	0.4%
Other Americas	744	757	793	855	934	1,007	1,063	1.3%
Europe and Eurasia	6,363	6,339	6,180	6,180	6,281	6,531	6,730	0.2%
Western Europe	3,805	3,770	3,608	3,531	3,487	3,575	3,603	-0.2%
Russia	1,815	1,817	1,800	1,834	1,903	1,977	2,050	0.4%
Eastern Europe and Eurasia	742	752	772	815	892	979	1,077	1.3%
Asia Pacific	18,704	18,905	20,017	20,768	21,139	21,468	21,888	0.6%
Japan	1,036	1,005	851	811	773	753	730	-1.2%
South Korea	639	638	645	643	636	630	624	-0.1%
Australia and New Zealand	404	391	417	429	433	442	451	0.4%
China	11,499	11,441	11,493	11,463	11,065	10,649	10,517	-0.3%
India	2,446	2,637	3,370	3,834	4,313	4,696	5,005	2.6%
Other Asia Pacific	2,680	2,793	3,241	3,588	3,921	4,297	4,560	1.9%
Africa and Middle East	3,606	3,778	3,863	4,097	4,362	4,638	4,963	1.1%
Africa	1,331	1,380	1,493	1,662	1,852	2,027	2,257	1.9%
Middle East	2,275	2,398	2,371	2,435	2,510	2,611	2,706	0.6%
World	35,664	35,750	36,336	37,347	38,147	39,091	40,164	0.4%

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.