

Table A11. World carbon dioxide emissions from liquid fuels use by region, Low Oil Price case

million metric tons of carbon dioxide

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	3,501	3,523	3,452	3,460	3,537	3,666	3,847	0.3%
United States	2,189	2,169	2,096	2,070	2,086	2,135	2,231	0.1%
Canada	271	270	273	282	294	308	322	0.6%
Mexico	253	256	247	247	255	269	289	0.5%
Brazil	310	331	338	345	352	360	364	0.6%
Other Americas	478	497	498	515	550	594	642	1.1%
Europe and Eurasia	2,474	2,523	2,452	2,394	2,381	2,412	2,472	0.0%
Western Europe	1,905	1,924	1,843	1,779	1,744	1,748	1,780	-0.2%
Russia	435	456	456	452	457	465	473	0.3%
Eastern Europe and Eurasia	134	143	153	164	180	199	219	1.8%
Asia Pacific	4,139	4,510	4,907	5,256	5,586	5,937	6,234	1.5%
Japan	404	393	366	342	326	316	307	-1.0%
South Korea	262	279	278	271	263	257	250	-0.2%
Australia and New Zealand	168	170	176	178	181	187	194	0.5%
China	1,579	1,746	1,837	1,866	1,848	1,848	1,830	0.5%
India	610	710	897	1,105	1,323	1,542	1,746	3.8%
Other Asia Pacific	1,116	1,213	1,352	1,493	1,645	1,788	1,907	1.9%
Africa and Middle East	1,660	1,761	1,755	1,815	1,924	2,058	2,204	1.0%
Africa	597	643	693	763	856	965	1,084	2.2%
Middle East	1,062	1,118	1,062	1,052	1,068	1,093	1,120	0.2%
World	11,773	12,317	12,566	12,925	13,428	14,073	14,757	0.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/ao

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