

Table A4. World GDP by region expressed in market exchange rates, High Zero-carbon Technology Cost case

billion 2015 dollars

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	\$28,078	\$29,177	\$32,209	\$35,336	\$39,001	\$43,029	\$47,417	1.9%
United States	\$20,671	\$21,345	\$23,425	\$25,650	\$28,427	\$31,533	\$34,957	1.9%
Canada	\$1,748	\$1,827	\$2,052	\$2,247	\$2,452	\$2,667	\$2,896	1.8%
Mexico	\$1,242	\$1,303	\$1,437	\$1,574	\$1,711	\$1,852	\$2,000	1.7%
Brazil	\$1,900	\$1,994	\$2,207	\$2,369	\$2,465	\$2,539	\$2,590	1.1%
Other Americas	\$2,516	\$2,708	\$3,088	\$3,496	\$3,945	\$4,437	\$4,974	2.5%
Europe and Eurasia	\$22,949	\$23,896	\$25,657	\$27,292	\$29,102	\$31,023	\$33,081	1.3%
Western Europe	\$20,883	\$21,670	\$23,161	\$24,509	\$25,975	\$27,500	\$29,106	1.2%
Russia	\$1,456	\$1,538	\$1,632	\$1,693	\$1,764	\$1,844	\$1,933	1.0%
Eastern Europe and Eurasia	\$610	\$688	\$864	\$1,091	\$1,363	\$1,678	\$2,042	4.4%
Asia Pacific	\$32,233	\$36,391	\$44,059	\$51,538	\$58,586	\$65,870	\$72,513	2.9%
Japan	\$4,521	\$4,681	\$4,837	\$4,852	\$4,870	\$4,882	\$4,914	0.3%
South Korea	\$1,738	\$1,843	\$1,996	\$2,106	\$2,165	\$2,221	\$2,267	1.0%
Australia and New Zealand	\$1,671	\$1,796	\$2,084	\$2,333	\$2,563	\$2,787	\$3,011	2.1%
China	\$16,177	\$18,624	\$22,964	\$27,171	\$30,817	\$34,514	\$37,469	3.0%
India	\$2,927	\$3,506	\$4,845	\$6,334	\$7,912	\$9,619	\$11,396	5.0%
Other Asia Pacific	\$5,199	\$5,941	\$7,333	\$8,743	\$10,258	\$11,848	\$13,457	3.5%
Africa and Middle East	\$5,526	\$6,049	\$6,888	\$7,792	\$8,692	\$9,567	\$10,425	2.3%
Africa	\$2,723	\$2,964	\$3,471	\$4,014	\$4,585	\$5,180	\$5,789	2.7%
Middle East	\$2,803	\$3,085	\$3,417	\$3,778	\$4,107	\$4,386	\$4,635	1.8%
World	\$88,786	\$95,513	\$108,814	\$121,958	\$135,380	\$149,488	\$163,437	2.2%

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; Oxford Economics, Global Economic Model (February 2023), www.oxfordeconomics.com (subscription site)

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