

Table A8. World nuclear energy consumption by region (net nuclear electricity generation), Low Zero-carbon Technology Cost case

billion kilowatthours

Region	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Americas	889	924	915	840	714	599	800	-0.4%
United States	772	782	758	674	549	457	686	-0.4%
Canada	79	97	97	97	97	79	56	-1.2%
Mexico	11	17	20	28	23	19	17	1.5%
Brazil	14	14	23	23	23	23	18	0.9%
Other Americas	12	13	18	18	21	22	23	2.3%
Europe and Eurasia	995	1,153	1,069	1,062	1,055	1,036	1,001	0.0%
Western Europe	734	849	741	727	720	702	664	-0.4%
Russia	217	229	234	234	234	234	227	0.2%
Eastern Europe and Eurasia	44	75	94	101	101	101	111	3.4%
Asia Pacific	746	859	1,011	1,160	1,300	1,588	2,174	3.9%
Japan	78	115	139	139	139	139	139	2.1%
South Korea	201	228	228	228	228	218	214	0.2%
Australia and New Zealand	0	0	0	0	0	0	0	0.0%
China	383	416	538	674	810	1,108	1,698	5.5%
India	41	47	52	67	70	70	70	1.9%
Other Asia Pacific	43	53	53	53	53	53	53	0.8%
Africa and Middle East	37	81	96	116	135	135	135	4.8%
Africa	13	16	30	43	52	52	52	5.1%
Middle East	24	66	66	73	83	83	83	4.6%
World	2,666	3,017	3,091	3,179	3,203	3,359	4,110	1.6%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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