

Table A8. World nuclear energy consumption by region (net nuclear electricity generation), Reference case, 2015-50

billion kilowatthours

Region	2015	2020	2025	2030	2035	2040	2045	2050	Average annual percent change (2015-50)
OECD									
OECD Americas	903	858	854	863	820	775	716	652	-0.9
United States /a	797	762	773	768	721	702	660	608	-0.8
Canada	94	85	70	76	71	50	39	27	-3.5
Mexico and Chile	11	11	11	20	28	23	17	17	1.1
OECD Europe	828	728	662	663	620	594	494	401	-2.1
OECD Asia	168	305	376	378	391	404	417	430	2.7
Japan	7	99	126	115	115	115	115	115	8.4
South Korea	161	206	250	263	276	289	302	315	1.9
Australia and New Zealand	0	0	0	0	0	0	0	0	0.0
Total OECD	1,899	1,891	1,893	1,904	1,832	1,773	1,627	1,483	-0.7
Non-OECD									
Non-OECD Europe and Eurasia	293	356	408	398	388	382	382	392	0.8
Russia	180	228	261	233	222	216	216	216	0.5
Other	113	128	147	165	165	165	165	175	1.3
Non-OECD Asia	275	409	571	787	1,037	1,329	1,547	1,730	5.4
China	197	308	428	545	779	1,044	1,275	1,458	5.9
India	33	57	106	206	222	249	236	236	5.8
Other	46	45	36	36	36	36	36	36	-0.7
Middle East	4	47	55	77	100	115	115	124	10.6
Africa	14	14	14	24	20	20	30	40	3.1
Non-OECD Americas	26	36	41	41	39	39	34	34	0.7
Brazil	14	23	23	23	23	23	19	19	0.8
Other	12	12	18	18	15	15	15	15	0.6
Total Non-OECD	611	862	1,088	1,327	1,583	1,884	2,108	2,320	3.9
Total World	2,510	2,753	2,981	3,231	3,414	3,657	3,735	3,804	1.2

a/ Includes the 50 states and the District of Columbia.

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System Plus (2017), run IEO2017_d2017.08.23_153156 and EIA, *Annual Energy Outlook 2017*, DOE/EIA-0383(2017) (Washington, DC: January 2017); AEO2017 National Energy Modeling System, run ref2017.d120816a, www.eia.gov/aeo.