

Statistical Review of World Energy

2020 | 69th edition



Consumption*

Exajoules (input-equivalent)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Growth rate per annum		Share 2019
												2019	2008-18	
Canada	0.84	0.85	0.87	0.87	0.95	0.98	0.92	0.91	0.91	0.90	0.90	0.1%	-0.1%	3.6%
Mexico	0.10	0.06	0.09	0.08	0.11	0.09	0.11	0.10	0.10	0.12	0.10	-17.9%	2.7%	0.4%
US	7.94	7.97	7.76	7.51	7.66	7.69	7.64	7.68	7.63	7.60	7.60	-0.1%	-0.6%	30.5%
Total North America	8.89	8.87	8.72	8.46	8.71	8.75	8.67	8.69	8.63	8.62	8.59	-0.3%	-0.5%	34.5%
Argentina	0.08	0.07	0.06	0.06	0.06	0.05	0.06	0.08	0.05	0.06	0.08	22.4%	-1.3%	0.3%
Brazil	0.12	0.14	0.15	0.15	0.14	0.14	0.13	0.14	0.14	0.14	0.14	2.8%	0.6%	0.6%
Chile	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other S. & Cent. America	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	-
Total S. & Cent. America	0.20	0.20	0.21	0.21	0.20	0.19	0.20	0.22	0.20	0.20	0.22	8.7%	-0.1%	0.9%
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	0.45	0.45	0.45	0.37	0.39	0.31	0.24	0.39	0.38	0.26	0.39	52.4%	-5.1%	1.6%
Czech Republic	0.26	0.26	0.26	0.28	0.28	0.28	0.24	0.22	0.26	0.27	0.27	0.7%	0.6%	1.1%
Finland	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.20	0.20	0.20	4.4%	-1.2%	0.8%
France	3.87	4.02	4.13	3.94	3.91	4.00	3.98	3.65	3.59	3.70	3.56	-3.8%	-1.2%	14.3%
Germany	1.27	1.32	1.01	0.92	0.90	0.89	0.84	0.77	0.69	0.68	0.67	-1.6%	-7.1%	2.7%
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.15	0.14	0.14	0.15	3.2%	♦	0.6%
Italy	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.03	0.03	0.03	10.8%	-2.3%	0.1%
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romania	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	-1.2%	-0.5%	0.4%
Spain	0.50	0.58	0.54	0.57	0.52	0.53	0.52	0.53	0.52	0.50	0.52	4.4%	-1.2%	2.1%
Sweden	0.49	0.54	0.56	0.59	0.61	0.59	0.51	0.57	0.59	0.61	0.60	-2.6%	0.1%	2.4%
Switzerland	0.26	0.25	0.25	0.24	0.24	0.25	0.21	0.19	0.18	0.22	0.21	-6.0%	-1.8%	0.8%
Turkey	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	0.78	0.84	0.84	0.84	0.77	0.81	0.80	0.73	0.77	0.76	0.74	-2.0%	-1.2%	3.0%
United Kingdom	0.65	0.58	0.64	0.65	0.65	0.58	0.64	0.65	0.63	0.58	0.50	-14.0%	1.6%	2.0%
Other Europe	0.43	0.33	0.35	0.34	0.32	0.35	0.33	0.33	0.33	0.33	0.34	2.7%	-3.3%	1.4%
Total Europe	9.49	9.69	9.55	9.26	9.09	9.09	8.82	8.53	8.43	8.37	8.28	-1.2%	-1.8%	33.2%
Azerbaijan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belarus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russian Federation	1.54	1.60	1.61	1.65	1.59	1.66	1.78	1.78	1.83	1.83	1.86	1.8%	1.7%	7.5%
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uzbekistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other CIS	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	5.5%	-2.3%	0.1%
Total CIS	1.57	1.62	1.64	1.67	1.61	1.68	1.81	1.80	1.85	1.85	1.88	1.8%	1.6%	7.6%
Iran	-	-	†	0.01	0.04	0.04	0.03	0.06	0.06	0.06	0.06	-7.2%	-	0.2%
Iraq	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	-
Total Middle East	-	-	†	0.01	0.04	0.04	0.03	0.06	0.06	0.06	0.06	-7.2%	n/a	0.2%
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Africa	0.12	0.13	0.12	0.12	0.13	0.13	0.11	0.14	0.14	0.10	0.13	27.7%	-2.2%	0.5%
Other Africa	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	-
Total Africa	0.12	0.13	0.12	0.12	0.13	0.13	0.11	0.14	0.14	0.10	0.13	27.7%	-2.2%	0.5%
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	-	-	-
China	0.66	0.70	0.81	0.91	1.03	1.22	1.56	1.93	2.23	2.64	3.11	17.8%	15.0%	12.5%
China Hong Kong SAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
India	0.16	0.22	0.30	0.31	0.31	0.32	0.35	0.34	0.34	0.35	0.40	15.2%	9.2%	1.6%
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan	2.59	2.74	1.52	0.17	0.13	-	0.04	0.16	0.26	0.44	0.59	33.2%	-15.6%	2.3%
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	0.02	0.02	0.04	0.03	0.07	0.04	0.04	0.05	0.07	0.09	0.08	-3.2%	18.1%	0.3%
Philippines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	1.40	1.39	1.44	1.39	1.28	1.43	1.50	1.47	1.34	1.19	1.30	8.9%	-1.8%	5.2%
Sri Lanka	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	0.39	0.39	0.39	0.37	0.38	0.39	0.33	0.29	0.20	0.25	0.29	16.3%	-4.4%	1.2%
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Asia Pacific	-	-	-	-	-	-	-	-	-	-	-	n/a	n/a	-
Total Asia Pacific	5.23	5.47	4.51	3.18	3.20	3.40	3.82	4.24	4.44	4.96	5.77	16.4%	-0.1%	23.2%
Total World	25.49	25.99	24.75	22.91	22.98	23.28	23.46	23.67	23.75	24.16	24.92	3.2%	-0.7%	100.0%
of which: OECD	21.33	21.61	20.14	18.19	18.21	18.22	17.98	17.86	17.64	17.62	17.77	0.8%	-2.1%	71.3%
Non-OECD	4.16	4.38	4.61	4.72	4.77	5.06	5.47	5.81	6.11	6.54	7.16	9.5%	4.5%	28.7%
European Union	8.45	8.60	8.46	8.18	8.08	8.03	7.81	7.60	7.47	7.40	7.33	-0.9%	-1.8%	29.4%

*Based on gross generation and not accounting for cross-border electricity supply. 'Input-equivalent' energy is the amount of fuel that would be required by thermal power stations to generate the reported electricity output. Details on thermal efficiency assumptions are available in the appendices and definitions page and at [bp.com/statisticalreview](https://www.bp.com/statisticalreview).

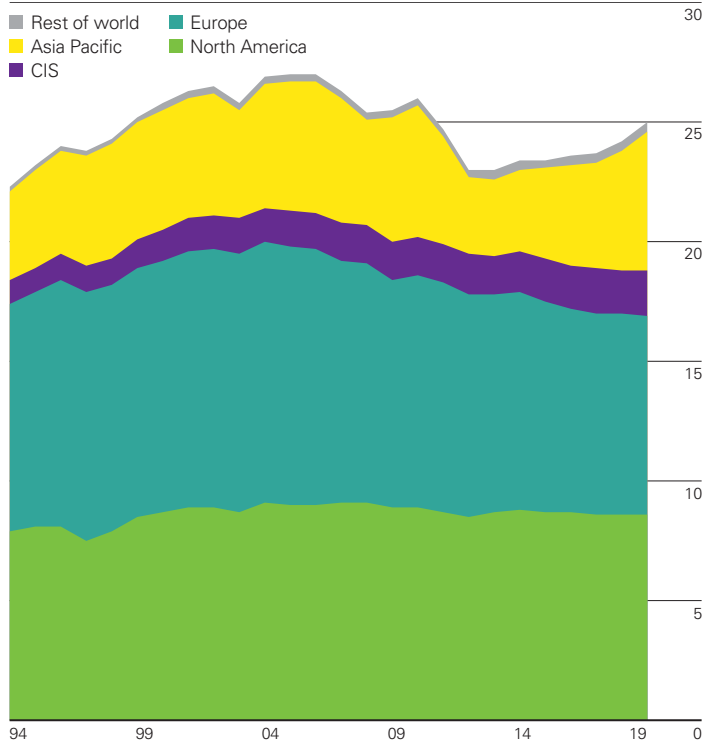
†Less than 0.005.

♦Less than 0.05%.

Nuclear data expressed in terawatt-hours is available at [bp.com/statisticalreview](https://www.bp.com/statisticalreview).

Nuclear energy consumption by region

Exajoules



Nuclear consumption increased by 3.2% (on an input-equivalent basis), its fastest growth since 2004 and well above the 10-year average of -0.7%. As in 2018, China recorded the largest increment of any country, and last year's increase was China's largest ever (0.5 EJ). Japan also posted notable growth of 0.15 EJ, or 33% as it continued to recover from the complete shutdown of generation in 2014.