

APPENDIX R

Nuclear Power Units by Nation

Country	In Operation		Net MW(e) Electrical Capacity	Under Construction or on Order		
	Nuclear Power Production GWh*	Number of Units		Number of Units	Net MW(e) Electrical Capacity	Shutdown
Argentina	10,011	3	1,641	1	25	0
Armenia	2,552	1	415	0	0	1 ^P
Bangladesh	0	0	0	2	2,160	0
Belarus	338	1	1,110	1	1,110	0
Belgium	32,606	7	5,942	0	0	1 ^P
Brazil	14,053	2	1,884	1	1,340	0
Bulgaria	16,626	2	2,006	0	0	4 ^P
Canada	92,652	19	13,624	0	0	6 ^P
China	366,300	51	48,528	13	12,565	0
Czech Republic	28,372	6	3,934	0	0	0
Finland	22,358	4	2,794	1	1,600	0
France	379,500	56	61,370	1	1,630	14 ^P
Germany	60,918	6	8,113	0	0	30 ^P
Hungary	15,179	4	1,902	0	0	0
India	40,374	23	6,885	6	4,194	0
Iran	5,792	1	915	1	974	0
Italy	0	0	0	0	0	4 ^P
Japan	43,000	33	31,679	2	2,653	27 ^P
Kazakhstan	0	0	0	0	0	1 ^P
Korea, Republic of	152,328	24	23,150	4	5,360	2 ^P
Lithuania	0	0	0	0	0	2 ^P
Mexico	10,864	2	1,552	0	0	0
Netherlands	3,865	1	482	0	0	1 ^P
Pakistan	9,640	6	2,332	1	1,014	0
Romania	10,558	2	1,300	0	0	0
Russia	215,745	38	28,578	3	3,459	9 ^P
Slovakia Republic	15,444	4	1,837	2	880	3 ^P
Slovenia	6,041	1	688	0	0	0

APPENDIX R

Nuclear Power Units by Nation (continued)

Country	In Operation		Under Construction or on Order			
	Nuclear Power Production GWh*	Number of Units	Net MW(e) Electrical Capacity	Number of Units	Net MW(e) Electrical Capacity	Shutdown
South Africa	11,616	2	1,860	0	0	0
Spain	55,793	7	7,121	0	0	3 ^P
Sweden	47,262	6	6,882	0	0	7 ^P
Switzerland	22,990	4	2,960	0	0	2 ^P
Turkey	0	0	0	3	3,242	0
Ukraine	76,202	15	13,107	2	2,070	4 ^P
United Arab Emirates	1,562	1	0	3	4,035	0
United Kingdom	45,668	15	8,923	2	3,260	30 ^P
United States	789,919	93	95,523	2	2,234	40 ^P

Overview of Worldwide Nuclear Power Reactors—As of June 28, 2021

Nuclear Electricity Supplied (GWh)	2,553,208
Net Installed Capacity (MWe)	394,226
Nuclear Power Reactors in Operation	444
Nuclear Power Reactors in Long-Term Shutdown	0
Nuclear Power Reactors in Permanent Shutdown	193
Nuclear Power Reactors under Construction	51

* Annual electrical power production for 2018.

P = Permanent Shutdown

Notes: Totals include reactors that are operable, under construction, or on order; the country's short-form name is used; and the figures are rounded to the nearest whole number. Source: IAEA Power Reactor Information System Database; analysis compiled by the NRC. For more information, go to <https://www.iaea.org/pris/>. Data are current as of June 28, 2021. The next printed update will be in September 2022.

APPENDIX S

Nuclear Power Units by Reactor Type, Worldwide

Reactor Type	In Operation	
	Number of Units	Net MWe
Pressurized light-water reactors (PWR)	303	288,068
Boiling light-water reactors (BWR)	63	64,122
Heavy-water reactors, all types (HWR, PHWR)	49	24,553
Gas-cooled reactors, all types (GCR)	14	7,725
Light-water-cooled graphite-moderated reactor (LWGR)	12	8,358
Liquid-metal-cooled fast breeder reactors (FBR)	3	1,400
Total	444	394,226

Note: Megawatts electric (MWe) values are rounded to the nearest whole number.

Source: IAEA Power Reactor Information System Database, <https://www.iaea.org/pris/> Compiled by the NRC from IAEA data. Data are current as of June 28, 2021. The next printed update will be in September 2022..