Table 8.1 Nuclear Energy Overview

	Total Operable Units[a,b]	Net Summer Capacity of Operable Units[b,c]	Nuclear Electricity Net Generation	Nuclear Share of Electricity Net Generation	Capacity Factor[d]
	Number	Million Kilowatts	Million Kilowatthours	Percent	
1957 Total	**1**	**0.055**	**10**	**(s)**	**NA**
1960 Total	**3**	**.411**	**518**	**.1**	**NA**
1965 Total	**13**	**.793**	**3,657**	**.3**	**NA**
1970 Total	**20**	**7.004**	**21,804**	**1.4**	**NA**
1975 Total	**57**	**37.267**	**172,505**	**9.0**	**55.9**
1980 Total	**71**	**51.810**	**251,116**	**11.0**	**56.3**
1985 Total	**96**	**79.397**	**383,691**	**15.5**	**58.0**
1990 Total	**112**	**99.624**	**576,862**	**19.0**	**66.0**
1995 Total	**109**	**99.515**	**673,402**	**20.1**	**77.4**
2000 Total	**104**	**97.860**	**753,893**	**19.8**	**88.1**
2001 Total	**104**	**98.159**	**768,826**	**20.6**	**89.4**
2002 Total	**104**	**98.657**	**780,064**	**20.2**	**90.3**
2003 Total	**104**	**99.209**	**763,733**	**19.7**	**87.9**
2004 Total	**104**	**99.628**	**788,528**	**19.9**	**90.1**
2005 Total	**104**	**99.988**	**781,986**	**19.3**	**89.3**
2006 Total	**104**	**100.334**	**787,219**	**19.4**	**89.6**
2007 Total	**104**	**100.266**	**806,425**	**19.4**	**91.8**
2008 Total	**104**	**100.755**	**806,208**	**19.6**	[d] **91.1**
2009 Total	**104**	**101.004**	**798,855**	**20.2**	**90.3**
2010 Total	**104**	**101.167**	**806,968**	**19.6**	**91.1**
2011 Total	**104**	[c] **101.419**	**790,204**	**19.3**	**89.1**
2012 Total	**104**	**101.885**	**769,331**	**19.0**	**86.1**
2013 Total	**100**	**99.240**	**789,016**	**19.4**	**89.9**
2014 January	100	99.182	73,163	19.4	99.1
February	100	99.182	62,639	19.3	94.0
March	100	99.182	62,397	18.8	84.5
April	100	99.182	56,385	18.9	78.8
May	100	99.182	62,947	19.4	85.2
June	100	99.182	68,138	19.0	95.4
July	100	99.182	71,940	18.6	97.5
August	100	99.182	71,129	18.5	96.4
September	100	99.182	67,535	19.9	94.6
October	100	99.182	62,391	19.8	84.5
November	100	99.182	65,140	20.5	91.3
December	99	98.569	73,363	21.7	99.6
Total	**99**	**98.569**	**797,166**	**19.5**	**91.7**
2015 January	99	98.533	74,270	20.6	101.3
February	99	98.533	63,461	19.0	95.8
March	99	98.533	64,547	19.9	88.0
April	99	98.533	59,784	20.3	84.3
May	99	98.533	65,827	20.4	89.8
June	99	98.672	68,516	18.9	96.4
July	99	98.672	71,412	17.8	97.3
August	99	98.672	72,415	18.5	98.6
September	99	98.672	66,476	19.0	93.6
October	99	98.672	60,571	19.4	82.5
November	99	98.672	60,264	20.0	84.8
December	99	98.672	69,634	21.5	94.9
Total	**99**	**98.672**	**797,178**	**19.6**	[R] **92.3**
2016 January	99	[E] 98.672	72,536	20.6	[E] 98.8
February	99	[E] 98.672	65,638	20.9	[E] 95.6
March	99	[E] 98.672	66,149	21.8	[E] 90.1
April	99	[E] 98.672	62,365	21.3	[E] 87.8
May	99	[E] 98.672	66,563	21.0	[E] 90.7
June	99	[E] 99.794	67,175	18.2	[E] 94.5
July	100	[E] 99.794	70,349	17.1	[E] 94.7
August	100	[E] 99.794	71,526	17.5	[E] 96.3
September	100	[E] 99.794	65,420	18.6	[E] 91.0
October	99	[E] 99.316	60,733	19.4	[E] 81.9
10-Month Total	**99**	[E] **99.316**	**668,454**	**19.5**	[E] **92.1**
2015 10-Month Total	**99**	**98.672**	**667,280**	**19.3**	**92.8**
2014 10-Month Total	**100**	**99.182**	**658,663**	**19.2**	**91.0**

[a] Total of nuclear generating units holding full-power licenses, or equivalent permission to operate, at end of period. See Note 1, "Operable Nuclear Reactors," at end of section.

[b] At end of period.

[c] For the definition of "Net Summer Capacity," see Note 2, "Nuclear Capacity," at end of section. Beginning in 2011, monthly capacity values are estimated in two steps: 1) uprates and derates reported on Form EIA-860M are added to specific months; and 2) the difference between the resulting year-end capacity (from data reported on Form EIA-860M) and final capacity (reported on Form EIA-860) is allocated to the month of January.

[d] Beginning in 2008, capacity factor data are calculated using a new methodology. For an explanation of the method of calculating the capacity factor, see Note 2, "Nuclear Capacity," at end of section.

E=Estimate. NA=Not available. (s)=Less than 0.05%.

Notes: • For a discussion of nuclear reactor unit coverage, see Note 1, "Operable Nuclear Reactors," at end of section. • Nuclear electricity net generation totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#nuclear (Excel and CSV files) for all available annual data beginning in 1957 and monthly data beginning in 1973.

Sources: See end of section.