

Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1970 TO 2014

[Trillion Btu]

Year	Total 1/	Fossil fuels			Renewable energy					Fossil fuels (as commingled)	
		Coal	Natural gas 2/	Petroleum	Hydro-electric power 3/	Biomass	Geo-thermal	Solar/PV 4/	Wind	Natural gas 2/ 5/	Motor gasoline 2/ 6/
1970	197.0	-	-	195.4	1.1	0.4	-	(NA)	(NA)	-	29.9
1971	211.7	-	-	210.4	0.9	0.3	-	(NA)	(NA)	-	30.8
1972	218.1	-	-	216.6	0.9	0.6	-	(NA)	(NA)	-	32.6
1973	224.3	-	-	222.8	1.0	0.5	-	(NA)	(NA)	-	34.7
1974	212.1	-	-	210.6	1.0	0.6	-	(NA)	(NA)	-	34.4
1975	214.4	-	-	212.9	0.9	0.6	-	(NA)	(NA)	-	35.5
1976	220.1	-	-	218.4	1.0	0.7	-	(NA)	(NA)	-	36.9
1977	233.4	-	-	232.0	0.9	0.5	-	(NA)	(NA)	-	38.9
1978	237.0	-	-	235.8	0.9	0.3	-	(NA)	(NA)	-	40.1
1979	256.7	-	-	255.4	0.9	0.3	-	(NA)	(NA)	-	39.4
1980	262.5	-	-	249.6	0.9	11.9	-	(NA)	(NA)	3.0	38.0
1981	236.8	-	-	223.2	0.8	12.7	-	(NA)	(NA)	2.8	37.7
1982	218.3	1.1	-	203.8	0.9	12.4	-	(NA)	(NA)	2.8	38.1
1983	221.3	1.0	-	205.4	0.9	14.0	-	(NA)	-	2.7	38.0
1984	232.4	0.9	-	216.1	0.9	14.3	0.2	-	-	2.4	39.5
1985	248.6	1.1	-	232.1	0.9	14.2	0.2	-	-	2.7	39.9
1986	245.3	0.4	-	227.6	0.8	16.3	0.2	-	-	2.7	41.4
1987	249.5	1.6	0.2	228.9	0.9	17.8	0.1	-	-	2.8	43.0
1988	289.7	1.2	-	268.0	0.8	19.4	0.2	-	-	2.8	44.5
1989	309.8	0.8	-	280.1	0.6	27.0	0.1	0.8	0.3	2.9	46.0
1990	321.4	0.7	-	292.8	0.8	25.9	(7/)	0.9	0.3	3.0	45.5
1991	295.2	1.1	-	266.6	0.7	25.4	(7/)	1.0	0.4	2.9	47.1
1992	306.1	6.8	-	272.5	0.6	24.9	(7/)	1.0	0.2	2.9	46.6

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		Coal	Natural gas 2/	Petroleum	Hydro-electric power 3/	Biomass	Geo-thermal	Solar/PV 4/	Wind	Natural gas 2/ 5/	Motor gasoline 2/ 6/
1993	8/ 282.9	15.6	-	239.5	0.6	24.4	1.6	1.1	0.2	2.8	47.4
1994	299.4	15.7	-	258.2	1.4	20.7	1.9	1.1	0.2	2.9	48.9
1995	297.1	19.9	-	252.5	1.0	19.8	2.4	1.2	0.2	2.9	49.1
1996	283.3	20.4	-	238.8	1.1	19.1	2.5	1.2	0.2	2.8	48.9
1997	273.6	20.5	-	230.6	1.2	17.4	2.5	1.3	0.2	2.7	48.8
1998	273.6	18.2	-	233.6	1.2	16.5	2.4	1.3	0.2	2.8	48.7
1999	269.5	17.7	-	230.0	1.2	17.0	2.2	1.3	0.2	2.9	46.7
2000	273.5	17.7	0.1	235.3	1.1	15.2	2.7	1.3	0.2	3.0	48.4
2001	270.3	17.8	0.1	239.9	1.0	7.9	2.1	1.3	(7/)	2.9	50.6
2002	284.9	16.6	0.1	257.6	1.0	7.5	0.7	1.3	(7/)	2.9	54.3
2003	8/ 301.1	8/ 18.0	0.1	269.5	0.9	9.3	1.8	1.4	(7/)	2.9	55.1
2004	8/ 314.9	8/ 17.9	0.2	282.9	0.9	9.3	2.1	1.4	0.1	2.9	55.9
2005	8/ 324.9	8/ 16.5	0.2	293.9	1.0	9.6	2.2	1.5	0.1	2.9	57.1
2006	8/ 327.4	8/ 16.1	0.2	295.6	1.2	9.9	2.1	1.6	0.8	2.9	59.9
2007	8/ 338.0	8/ 17.1	0.2	303.7	0.9	9.7	2.3	1.8	2.4	3.0	58.5
2008	8/ 277.1	8/ 18.1	0.1	239.3	0.8	11.8	2.3	8/ 2.3	2.4	2.8	54.7
2009	8/ 276.7	8/ 17.1	0.2	8/ 239.3	1.1	12.2	1.6	8/ 2.7	2.5	2.7	55.3
2010	8/ 278.0	17.1	0.2	8/ 241.7	0.7	10.4	2.0	3.4	2.5	2.7	50.7
2011	8/ 287.1	16.1	0.2	8/ 249.3	0.9	10.6	2.2	8/ 4.7	3.3	2.7	56.5
2012	8/ 280.2	16.6	0.2	8/ 240.0	1.1	9.6	2.5	8/ 4.8	3.6	2.8	53.6
2013	8/ 281.3	15.3	0.2	8/ 237.3	0.7	11.2	2.6	8/ 4.9	4.8	8/ 2.8	8/ 54.4
2014	281.2	17.2	0.2	233.4	0.9	11.0	2.4	10.6	5.5	2.8	54.0

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NA Not available.

1/ Excluding fossil fuels as commingled.

2/ Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

3/ Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.

4/ Solar thermal and photovoltaic energy.

5/ Including supplemental gaseous fuels.

6/ Including fuel ethanol.

7/ Value less than +0.05 and greater than -0.05.

8/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) "Primary Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii" (CT2) <http://www.eia.gov/state/seds/sep_use/total/pdf/use_HI.pdf> accessed January 12, 2017.