Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, Vermont

(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
			Petroleum									
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	3.5	0.0	17.2	1.6	0.4	17.5	3.0	6.9	46.7	50.2	*0.0*	*17.5*
1965	2.7	0.0	25.0	1.8	0.4	19.9	5.7	6.2	58.9	61.6	*0.0*	*19.9*
1970	2.1	2.7	33.4	2.1	0.7	26.7	5.7	5.4	73.9	78.7	*2.7*	*26.7*
1971	1.9	3.1	31.4	2.3	0.6	28.0	5.8	5.6	73.7	78.7	*3.1*	*28.0*
1972	1.4	3.8	33.1	2.7	1.4	29.8	5.9	4.5	77.4	82.6	*3.8*	*29.8*
1973	1.5	4.2	35.2	2.6	1.2	30.3	5.5	4.1	78.9	84.6	*4.2*	*30.3*
1974	1.5	4.8	29.5	2.7	1.1	29.6	3.3	3.7	70.0	76.2	*4.8*	*29.6*
1975	0.7	4.0	27.0	3.2	1.0	29.9	5.0	2.9	69.0	73.7	*4.0*	*29.9*
1976	0.6	3.7	31.9	3.6	0.8	31.6	7.9	3.3	79.0	83.3	*3.7*	*31.6*
1977	0.7	4.0	31.2	3.6	0.8	32.2	7.2	3.1	78.0	82.8	*4.0*	*32.2*
1978	0.5	3.8	30.8	4.5	0.7	33.1	6.2	2.9	78.2	82.5	*3.8*	*33.1*
1979	0.6	4.4	32.0	2.0	1.0	30.6	2.2	3.7	71.4	76.4	*4.4*	*30.6*
1980	0.5	4.0	23.9	2.5	0.9	28.6	3.0	2.9	61.7	66.1	*4.0*	*28.6*
1981	1.0	4.4	22.2	2.4	0.5	28.9	2.2	2.5	58.7	64.0	*4.4*	*28.9*
1982	1.3	4.3	15.7	3.2	0.5	29.0	2.3	2.4	53.1	58.7	*4.3*	*29.0*
1983	1.2	4.3	20.0	3.2	0.6	29.3	2.0	2.8	58.0	63.4	*4.3*	*29.3*
1984	1.4	4.8	23.8	2.5	1.0	30.6	2.7	5.2	65.7	71.9	*4.8*	*30.6*
1985	2.0	5.0	26.7	3.0	1.1	30.5	0.8	6.4	68.5	75.4	*5.0*	*30.5*
1986	0.7	5.0	25.0	3.3	0.7	31.3	3.0	5.9	69.2	74.8	*5.0*	*31.3*
1987	0.3	5.1	28.1	4.2	1.0	34.3	2.1	6.0	75.7	81.2	*5.1*	*34.3*
1988	0.3	5.5	30.0	4.4	0.8	35.7	1.5	6.2	78.5	84.3	*5.5*	*35.7*
1989	0.2	6.1	28.9	5.7	1.2	34.4	1.2	6.0	77.6	83.9	*6.1*	*34.4*
1990	0.2	6.7	26.6	5.4	1.0	35.2	1.5	2.4	72.0	78.9	*6.7*	*35.2*
1991	0.3	7.0	27.7	6.2	0.9	35.6	1.7	5.5	77.6	84.9	*7.0*	*35.6*
1992	0.5	7.6	32.2	7.3	0.6	36.1	1.7	4.0	82.0	90.1	*7.6*	*36.1*
1993	0.1	7.2	32.3	6.2	0.7	37.1	3.0	2.2	81.5	88.9	*7.2*	*37.1*
1994	0.1	7.3	31.2	6.3	0.8	37.4	1.8	3.2	80.7	88.1	*7.3*	*37.4*
1995	0.1	7.3	31.2	6.4	0.7	37.6	1.4	3.3	80.6	87.9	*7.3*	*37.6*
1996	(s)	7.5	33.4	7.0	0.6	38.3	1.8	3.7	84.7	92.2	*7.5*	*38.3*
1997	2.7	8.3	31.1	5.9	0.6	39.7	2.0	7.3	86.6	97.6	*8.3*	*39.7*
1998	0.1	7.8	30.3	6.8	0.7	39.2	1.7	4.4	83.1	91.0	*7.8*	*39.2*
1999	2.0	8.1	31.7	6.2	0.8	40.1	1.4	3.7	83.8	94.0	*8.1*	*40.1*
2000	(s)	10.5	30.7	6.7	0.8	43.8	1.9	4.2	88.2	98.8	*10.6*	*43.8*
2001	0.1	7.9	31.3	9.2	0.7	41.8	1.5	4.9	89.3	97.3	*8.0*	*41.8*
2002	(s)	8.4	28.3	9.0	0.4	42.5	1.6	2.8	84.6	93.0	*8.4*	*42.5*
2003	(s)	8.4	31.5	7.1	0.4	43.2	1.8	3.1	87.1	95.6	*8.5*	*43.2*
2004	(s)	8.7	34.1	7.6	1.8	43.7	1.9	6.3	95.4	104.1	*8.7*	*43.7*
2005	(s)	8.4	30.2	8.5	2.4	43.5	1.9	4.1	90.6	99.0	*8.4*	*43.7*
2006	(s)	8.1	29.5	8.7	2.1	43.4	1.6	3.5	88.8	96.9	*8.1*	*43.6*
2007	(s)	8.9	28.4	8.2	1.8	42.7	1.5	4.2	86.9	95.8	*8.9*	*43.1*
2008	0.0	8.7	25.5	8.6	1.5	39.2	1.4	1.3	77.6	86.3	*8.7*	*40.9*
2009	0.0	8.7	27.8	9.3	2.9	38.0	1.2	5.4	84.6	93.3	*8.7*	*40.6*
2010	0.0	8.5	26.6	9.0	1.3	37.6	1.0	R 6.6	R 82.0	R 90.5	*8.5*	*39.9*
2011	0.0	8.7	27.7	8.4	1.3	36.2	0.9	R 5.9	R 80.5	R 89.1	*8.7*	*38.6*
2012	0.0	8.3	24.4	9.0	1.3	R 35.0	0.6	R 5.5	R 75.9	R 84.2	*8.3*	*37.5*
2013	0.0	9.7	25.3	10.3	1.3	35.7	0.8	R 6.0	79.4	89.1	*9.7*	*38.2*
2014	0.0	10.9	26.5	10.7	1.2	35.3	0.5	R 6.0	R 80.3	R 91.1	*10.9*	*37.8*
2015	0.0	12.2	29.4	10.7	1.5	35.2	0.3	R 5.8	R 82.7	R 95.0	*12.2*	R *37.5*
2016	0.0	12.4	27.5	9.2	1.6	35.1	0.2	5.1	78.8	91.2	*12.4*	*37.5*

[a] 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.

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2016, Vermont (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy									Net Interstate Flow of Electricity [k]	Net Electricity Imports [l]	Total [f]
		Hydro-electric Power [e,f]	Biomass				Geo-thermal [f]	Solar [f,j]	Wind	Total [f]			
			Wood and Waste [f,g]	Fuel Ethanol [h]	Losses and Co-products [i]	Total [f]							
1960	0.0	9.4	7.9	NA	NA	7.9	0.0	NA	NA	17.3	0.9	0.2	68.6
1965	0.0	7.5	6.9	NA	NA	6.9	0.0	NA	NA	14.4	6.9	0.1	83.1
1970	0.0	8.2	6.5	NA	NA	6.5	0.0	NA	NA	14.7	19.6	0.2	113.2
1971	0.0	7.8	6.8	NA	NA	6.8	0.0	NA	NA	14.6	23.5	0.2	117.0
1972	1.8	9.8	6.2	NA	NA	6.2	0.0	NA	NA	16.0	23.3	0.3	123.9
1973	17.4	11.0	6.1	NA	NA	6.1	0.0	NA	NA	17.1	7.1	0.2	126.4
1974	27.7	10.4	5.8	NA	NA	5.8	0.0	NA	NA	16.1	-3.5	0.3	116.8
1975	39.2	9.8	6.6	NA	NA	6.6	0.0	NA	NA	16.4	-15.2	0.3	114.4
1976	36.0	11.3	8.0	NA	NA	8.0	0.0	NA	NA	19.3	-7.0	0.2	131.8
1977	38.1	10.0	9.4	NA	NA	9.4	0.0	NA	NA	19.4	-11.2	0.3	129.4
1978	35.5	9.1	11.4	NA	NA	11.4	0.0	NA	NA	20.5	-4.4	0.4	134.5
1979	37.5	9.6	12.7	NA	NA	12.7	0.0	NA	NA	22.3	-5.0	0.5	131.8
1980	32.5	8.4	14.4	NA	NA	14.4	0.0	NA	NA	22.9	3.7	0.6	125.8
1981	39.4	10.5	14.3	0.0	0.0	14.3	0.0	NA	NA	24.8	-8.2	0.6	120.7
1982	46.2	8.8	13.8	0.0	0.0	13.8	0.0	NA	NA	22.7	-13.1	0.7	115.2
1983	31.3	10.6	16.0	0.0	0.0	16.0	0.0	NA	0.0	26.6	1.3	0.7	123.3
1984	36.2	9.9	16.1	0.0	0.0	16.1	0.0	0.0	0.0	26.0	-2.1	0.8	132.8
1985	31.9	9.6	17.3	0.0	0.0	17.3	0.0	0.0	0.0	26.9	-0.7	1.1	134.5
1986	21.8	10.9	13.0	0.0	0.0	13.0	0.0	0.0	0.0	23.9	2.1	5.7	128.3
1987	36.9	10.4	12.8	0.0	0.0	12.8	0.0	0.0	0.0	23.1	-11.5	7.8	137.5
1988	43.6	9.1	12.6	0.0	0.0	12.6	0.0	0.0	0.0	21.7	-14.6	9.6	144.6
1989	38.2	10.9	9.1	0.0	0.0	9.1	0.0	(s)	0.0	20.0	-6.2	6.7	142.5
1990	38.3	14.2	5.3	0.0	0.0	5.3	0.0	(s)	0.0	19.5	-16.3	5.8	126.1
1991	43.1	11.0	6.3	0.0	0.0	6.3	0.0	(s)	0.0	17.3	-18.5	5.8	132.6
1992	39.1	9.5	6.5	0.0	0.0	6.5	0.0	(s)	0.0	16.0	-14.0	7.1	138.3
1993	35.4	10.1	8.1	0.0	0.0	8.1	0.0	(s)	0.0	18.2	-15.0	8.9	136.4
1994	45.1	10.7	8.3	0.0	0.0	8.3	0.0	(s)	0.0	19.1	-26.6	10.4	136.0
1995	40.5	10.0	9.1	0.0	0.0	9.1	0.0	(s)	0.0	19.2	-27.8	13.5	133.3
1996	39.9	12.7	9.1	0.0	0.0	9.1	0.0	(s)	0.0	21.9	-25.9	12.0	140.1
1997	44.8	10.9	9.0	0.0	0.0	9.0	0.0	(s)	0.0	19.9	-31.0	13.6	144.9
1998	35.2	12.2	8.1	0.0	0.0	8.1	0.0	(s)	0.0	20.3	-23.4	13.2	136.3
1999	42.4	12.2	8.4	0.0	0.0	8.4	(s)	(s)	0.1	20.8	-48.8	26.2	134.6
2000	47.4	12.5	8.8	0.0	0.0	8.8	(s)	(s)	0.1	21.4	-33.4	13.4	147.5
2001	43.6	9.1	8.0	0.0	0.0	8.0	(s)	(s)	0.1	17.3	-20.6	10.2	147.8
2002	41.4	11.3	11.2	0.0	0.0	11.2	(s)	(s)	0.1	22.7	-17.0	8.3	148.4
2003	46.3	11.7	12.2	0.0	0.0	12.2	(s)	(s)	0.1	24.1	-21.4	6.5	151.1
2004	40.2	11.9	10.0	0.0	0.0	10.0	(s)	(s)	0.1	22.0	-11.9	6.6	161.1
2005	42.5	12.1	12.0	0.2	0.0	12.2	(s)	(s)	0.1	24.5	-13.6	7.2	159.7
2006	53.3	15.1	12.4	0.2	0.0	12.6	(s)	0.1	0.1	27.8	-29.8	8.3	156.6
2007	49.3	6.4	12.1	0.3	0.0	12.4	(s)	0.1	0.1	19.0	-17.7	8.5	154.9
2008	51.2	14.7	12.1	1.8	0.0	13.9	(s)	0.1	0.1	28.8	-28.2	8.5	146.5
2009	56.1	14.5	16.8	2.6	0.0	19.4	(s)	0.1	0.1	34.2	-35.5	8.7	156.8
2010	50.0	13.1	R 17.3	2.4	0.0	R 19.7	(s)	0.1	0.1	R 33.1	-27.4	8.3	R 154.5
2011	51.4	13.8	R 14.9	2.4	0.0	R 17.3	(s)	0.2	0.3	R 31.7	-30.0	8.6	R 150.8
2012	52.3	11.0	R 13.7	2.5	0.0	R 16.2	(s)	0.3	1.0	R 28.5	-73.7	39.2	R 130.5
2013	50.6	12.3	R 18.4	2.5	0.0	R 21.0	(s)	0.5	2.3	R 36.0	-78.3	40.1	R 137.4
2014	52.9	11.2	R 18.2	2.4	0.0	R 20.6	(s)	0.6	3.0	R 35.4	-76.9	38.1	R 140.7
2015	0.0	10.6	15.8	2.4	0.0	R 18.2	(s)	1.0	3.0	32.9	-31.9	36.8	R 132.8
2016	0.0	9.9	14.4	2.4	0.0	16.9	(s)	1.3	2.7	30.9	-24.0	30.6	128.7

[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[h] Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

[i] Losses and co-products from the production of fuel ethanol.

[j] Solar thermal and photovoltaic energy.

[k] Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

[l] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.